Date: July 10, 2003

From: Water Resource Group, Salt Lake City

To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Status

	June inflow(unreg) (Acre-Feet)	Percent of normal	Midnight July 9 Elevation	Reservoir Storage (Acre-Feet)
Fontenelle	189,000	53	6,496.81	275,000
Flaming Gorge	244,000	52	6,011.25	2,682,000
Blue Mesa	171,000	59	7,478.72	497,000
Powell	2,003,000	65	3,615.09	13,249,000
Navajo	62,000	24	6,014.68	863,000

Expected Operation

FONTENELLE - Fontenelle Reservoir is currently at a reservoir elevation of 6496.81 feet above sea level and slowly rising. The projected peak elevation will likely be about 6498.5 feet above sea level on or about August 1, 2003 which will be about 7.5 feet below the crest elevation of the spillway. Releases from Fontenelle Dam are currently 750 cfs and will likely remain at or near this level for the foreseeable future. During the spring runoff period (April through July) this year, inflows have been well below what was forecasted earlier in the period. The total inflow volume during the runoff period will likely be about 390,000 acre-feet which is only 45% of normal. The April Water Supply Forecast for Fontenelle was 640,000 acre-feet 74% of normal.

Open forum discussions on Fontenelle operations take place at the "Fontenelle Reservoir Working Group" meetings. The next Working Group meeting is scheduled for August 12th, 2003 at 10:00 a.m. at the Seedskadee National Wildlife Refuge. All those interested in the operation of Fontenelle Reservoir are encouraged to attend this meeting. For more information about the Working Group, contact Ed Vidmar at 801-379-1182.

FLAMING GORGE - Releases from Flaming Gorge Reservoir are currently 800 cfs and will likely remain at this level for the foreseeable future. Drought conditions have persisted through the 2003 spring runoff period in the Green River Basin. Unregulated inflows to Flaming Gorge Reservoir from April 1st to July 31st will most likely be about 500,000 acre-feet which is only 42% of normal. This is a particularly bad inflow result considering that the snowpack levels above Flaming Gorge in early April were about 90% of normal. The reservoir elevation at Flaming Gorge is currently 6011.25 feet above sea level which is 28.75 feet below the top of the spillway gates and is about 3.3 feet above the low elevation of the year. The reservoir elevation is projected to increase slowly during the remainder of the summer and fall.

The next "Flaming Gorge Working Group" meeting is to be held on September 16th, 2003 in Vernal,

Utah at 6:30 p.m. at the Western Park Convention Center. This meeting will include several informative presentations regarding Green River hydrology and recovery of endangered fish in the Green River. All those who are interested in these topics or the Green River in general are encouraged to attend. For more information about the Working Group please contact Ed Vidmar at 801-379-1182.

ASPINALL - June unregulated inflow into Blue Mesa Reservoir was 171,000 acre-feet or 59 percent of average. Drought conditions remain the controlling factor for water management throughout the region. Recorded precipitation during the month of June was below normal. The current inflow rate into Blue Mesa Reservoir is about 700 cfs and reservoir releases are averaging about 1,700 cfs. Blue Mesa's present elevation is 7479.08 feet, which corresponds to a storage content of about 499,000 acre-feet. During the last week of May saw record high temperatures, which quickly melted a majority of the snowpack. This resulted in some very impressive streamflow rates, but which were only of short duration because of the limited snowpack. Blue Mesa had a peak inflow of 6,700 cfs on May 30, 2003. Since that time the spring runoff has receded rather abruptly and is for the most part over. On July 1, 2003, the National Weather Service's River Forecast Center issued their final inflow forecast for Blue Mesa Reservoir for the April through July runoff period. This forecast is projecting a volume runoff into the reservoir of 450,000 acre-feet. This represents a 62 percent of average runoff for this time period.

Releases from Crystal Dam are currently set at 1775 cfs. The Gunnison Diversion Tunnel is currently diverting about 1025 cfs which leaves approximately 750 cfs in the river below the tunnel. Due to the severity of the continuing drought in the Gunnison River Basin, river flows through the Black Canyon of the Gunnison have been set to meet downstream water flow rights. Some fluctuation to river flows may occur as we respond to downstream water needs. However, for the most part the Gunnison River is now flowing at the projected maximum for this summer season. The flows will start to diminish during August and continue into October when we expect to have minimum flows again during the fall and winter season.

The next meeting of the "Aspinall Unit Working Group" will be held on Thursday, August 21, 2003 at 1:00 PM in the National Park Service Elk Creek Visitor Center at Blue Mesa Reservoir. At this meeting, review of last few months of reservoir operations, and plans for this fall 2003 operations will be discussed. These meetings are open forum discussions on the Aspinall Unit reservoir operations with many interested groups participating. Anyone needing further information about these meetings should contact Dan Crabtree in the Grand Junction Area Office at (970) 248-0652.

NAVAJO – Reclamation will be increasing the release from Navajo Reservoir from 900 cubic feet per second (cfs) to 1,000 cfs **on Thursday, July 10, 2003, at 9:00 a.m.** These releases are being made for the authorized purposes of the Navajo Unit, and to attempt to maintain a target base flow through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell).

With the current anticipated shortage of 1% to all users along the San Juan River, the target base flow is 495 cfs (500 cfs less 1%). The target base flow is calculated as the weekly average of gauged flows throughout the critical habitat area, therefore daily flows of less than 495 cfs may

occur at some gages. After a couple of weeks of ramping up the releases, it is anticipated that this latest increase will be sufficient to meet current demands downstream.

The current inflow into Navajo Reservoir is averaging about 200 cfs. Presently, the reservoir water surface elevation is 6015.01 feet, which corresponds to a storage content of about 866,000 acre-feet. The monthly precipitation average in the basin above Bluff was below normal for June. Navajo Reservoir end-of-June content was 884,600 acre-feet, or 62% of average. Inflow to Navajo Reservoir during June was 68,100 acre-feet, 32% of average. Releases to the San Juan River were 29,000 acre-feet (487 cfs). Diversions to NIIP were 35,700 acre-feet. Reservoir releases were increased from 450 cfs to 500 cfs on June 19th, from 500 to 550 on June 26th, from 550 to 750 on June 30th. Minimum releases from the dam will be 450 cfs this summer.

Based on the July 3rd, 2003 Final Forecast provided by the Colorado Basin River Forecast Center in Salt Lake City, the Most Probable modified-unregulated inflow forecast volume is 331,000 acre-feet (41% of the 30-year average) for the April-July period. This is 9,000 acre-feet less than predicted in the June Final Forecast. After adjusting for Vallecito Reservoir operation and diversions to San Juan-Chama Project, the Apr-July inflow is projected to be 289,300 acre-feet, 43% of the 30-year average. This is about 1,000 acre-feet less than predicted in the June Forecast. Releases are estimated to be 338,000 acre-feet for the 2003 WY and are based on forecasted Animas River flows and requirements to satisfy the SJRIP target flows. The September Navajo end-of-month content is projected to be 781,700 acre-feet, or 57% of average. This shows 90,000 acre-feet (10.3%) decrease over September 2002 reservoir contents. This forecast indicates that no shortages would occur to Navajo Reservoir contract users and no Spring Fish Release will be made in 2004.

A public meeting on Navajo Reservoir operations will be held on Tuesday, August 19, 2003 starting at 1:00 PM in Farmington, New Mexico. At this meeting, review of last Spring and Summer reservoir operations, and plans for this Fall 2003 operations will be discussed. These are open forum discussions on the operation of Navajo Reservoir with many interested groups participating. Anyone interested in the general operation of the reservoir is encouraged to attend. Please contact Pat Page in Reclamation's Durango, Colorado Office at (970) 385-6560 for information about these meetings or the daily operation of Navajo Reservoir.

Glen Canyon Dam - Lake Powell

Operations: Releases from Glen Canyon Dam in July will average about 14,600 cubic feet per second (cfs) with a total of 900,000 acre-feet scheduled to be released. On Mondays through Fridays in July, daily fluctuations due to load following will likely vary between a low of about 10,250 cfs (during late evening and early morning off-peak hours) to a high of about 18,250 cfs (during late afternoon and early evening on-peak hours). On Saturdays, releases will likely vary between a low of about 10,250 cfs during off-peak hours to a high of about 17,250 cfs during on-peak hours. On Sundays, releases will likely be steady throughout the day at 10,250 cfs. It should be noted, however, that actual releases will occasionally deviate from those listed here due to real-time power system considerations.

August releases will likely be very similar to July releases. A total of 900,000 acre-feet, the same volume as July, is scheduled to be released in August, 2003. Releases in September, 2003 however, will be significantly lower. A total of 480,000 acre-feet is scheduled to be released in September,

which averages out to about 8,000 cfs.

Because of the draw down condition of Lake Powell , releases from Lake Powell in water year 2003 are being scheduled to meet the minimum objective release of 8.23 million acre-feet. This is consistent with the requirements of the Criteria for Coordinated Long-Range Operation of Colorado River Reservoirs.

Experimental Flows: Daily high fluctuating releases from Glen Canyon Dam, as part of the Glen Canyon Dam experimental flows, were completed on March 31, 2003 . From January through March 2003 releases ranged between a high of 20,000 cfs to a low of 5,000 cfs each day. These same high fluctuating releases are scheduled to be repeated in January through March of 2004.

The January through March high fluctuating releases were intended to benefit the endangered humpback chub. Scientists have recognized that the humpback chub population has been in general decline since highly fluctuating flows were curtailed in November of 1991. Those flows helped keep the non-native fish, especially the rainbow and brown trout, in check. The trout are thought to prey upon and compete with native fish such as the endangered humpback chub. The experimental flows from Glen Canyon Dam received environmental clearances in December 2002. The flows were analyzed in an environmental assessment in accordance with the National Environmental Policy Act. The experimental flows are the result of ongoing studies by scientists from the United States Geological Survey and were recommended by the Glen Canyon Dam Adaptive Management Work Group, a Federal advisory committee. The experimental flows address the decline of two key resources in the Grand Canyon : sediment and population viability of endangered humpback chub. The Finding of No Significant Impact on the experimental flows can be found at http://www.usbr.gov/uc/envprog/amp/pdfs/flow_fonsi.pdf

Basin Hydrology: Unseasonably warm weather was manifest in the Colorado River basin in the latter part of May and early June. This warm weather resulted in substantial late May and early June snowmelt and runoff, especially in the Yampa River basin and the headwaters drainages of the Colorado River . Some streamflow gages even recorded record high daily flows (the Eagle River in Colorado for example). Unfortunately, snow in the basin was about gone by mid-June, and river flows (which in normal years often sustain good flows throughout June) dropped off rapidly. Unless there is significant monsoonal activity this summer, river flows in the basin in July, August and September will be quite low.

Inflow to Lake Powell peaked at 53,000 cfs on June 5, 2003 . The last time inflow to Lake Powell was this high was in June of 1999. As of July 8, 2003 , however, inflow to Lake Powell had dropped to 9,500 cfs, only 35 percent of what would normally be seen on this date.

Inflow volumes are expected to be substantially below average this year with water year 2003 being the 4 th consecutive year with below average inflow to Lake Powell . The July final inflow forecast issued by the National Weather Service is calling for 4.2 million acre-feet of unregulated runoff into Lake Powell during the 2003 April through July runoff period. This equates to 53 percent of average. Total unregulated inflow for water year 2003 will likely be about 56 percent of average.

While inflow to Lake Powell was relatively healthy the a couple of weeks in late May and early June, monthly inflow volumes continue to be significantly below long term averages. Total unregulated inflow in June, 2003 was 2,000,000 acre-feet (65 percent of average). Unregulated

inflow in January, February, March, April, and May was 58, 62, 62, 42, and 50 percent of average, respectively.

Total unregulated inflow into Lake Powell in water years 2000 and 2001 was 62 and 59 percent of average, respectively, and only 25 percent of average in 2002. Inflow in 2002 was the lowest ever observed since the completion of Glen Canyon Dam in 1963. These low inflows have reduced water storage in Lake Powell . Lake Powell reached a low water surface elevation this year of 3605 feet (95 feet from full pool) on May 1, 2003 . Lake Powell reached its peak elevation on June 23, 2003 at 3616.6 feet. The current elevation of Lake Powell is 3,616.3 feet (83.7 feet from full pool). Current storage is approximately 13.4 million acre-feet (55 percent of capacity). The water surface elevation at Lake Powell will likely continue to decrease for the remainder of the year. Under the current inflow forecast, Lake Powell will likely be near elevation 3606 feet on January 1, 2004 .

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-280
125 SOUTH STATE STREET, ROOM 6107
SALT LAKE CITY, UT 84138-1102
PHONE 801-524-5571

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RUNOFF PROJECTIONS AND INFLOW INFORMATION INTO UPPER BASIN RESERVOIR PROVIDED BY THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICE'S COLORADO BASIN RIVER FORECAST CENTER ARE AS FOLLOWS

:	Obs					Forecast			Outlook	
:	mar	apr	may	jun	%Avg	jul	aug	sep	apr-jul	%Avg
GLDA3:Lake Powell	413	409	1156	2003	65%:	635/	400/	350/	4203/:	53%
GBRW4:Fontenelle	59	56	76	189	53%:	69/	45/	35/	390/:	45%
GRNU1:Flaming Gorge	78	66	99	244	52%:	90/	55/	40/	499/:	42%
BMDC2:Blue Mesa	27	42	174	171	59%:	63/	40/	24/	450/:	62%
MPSC2:Morrow Point					:	/	/	/	485/:	62%
CLSC2:Crystal Unreg**	34	56	206	196	54%:	77/	48/	31/	535/:	58%
VCRC2:Vallecito	4.9	13.6	53	30	37%:	12/	8.7/	10.4/	109/:	53%
NVRN5:Navajo Unreg	39	71	166	62	24%:	32/	25.8/	21/	331/:	41%
MPHC2:McPhee	11	37	74	32	32%:	12/	10/	8/	155/:	48%
TPIC2:Taylor Park					:	/	/	/	78/:	76%
RBSC2:Ridgway					:	/	/	/	70/:	69%
LEMC2:Lemon	0.8	3.2	17.6	6.2	25%:	2.0/	2.1/	2.2/	29/:	50%

: ** UNREGULATED CRYSTAL INFLOW COMBINES BLUE MESA UNREGULATED
: INFLOW PLUS THE SIDE INFLOW TO BOTH MORROW POINT AND CRYSTAL

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T E M R E S E R V O I R S

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Fontenelle Reservoir

		Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Jul 2002	69	2	37	1	38	6496.60	274
H	Aug 2002	29	2	39	0	39	6494.82	261
I	Sep 2002	29	2	41	0	41	6492.76	247
	WY 2002	530	12	423	10	433		
S	Oct 2002	32	1	40	0	40	6491.36	237
T	Nov 2002	31	1	25	14	39	6490.06	228
O	Dec 2002	26	1	40	0	40	6487.79	213
R	Jan 2003	25	1	40	0	40	6485.33	198
I	Feb 2003	24	1	36	0	36	6483.23	185
C	Mar 2003	59	1	58	0	58	6483.32	186
A	Apr 2003	56	1	83	4	87	6477.50	154
L	May 2003	76	1	74	13	87	6475.15	142
*	Jun 2003	189	2	63	0	63	6495.52	266
	Jul 2003	69	3	46	0	46	6498.34	287
	Aug 2003	45	2	46	0	46	6497.92	283
	Sep 2003	35	2	26	18	44	6496.44	273
	WY 2003	667	17	577	49	626		
	Oct 2003	42	1	46	0	46	6495.72	268
	Nov 2003	35	1	44	0	44	6494.35	258
	Dec 2003	27	1	46	0	46	6491.52	238
	Jan 2004	25	1	46	0	46	6488.19	216
	Feb 2004	23	1	42	0	42	6485.15	197
	Mar 2004	42	1	50	0	50	6483.73	188
	Apr 2004	75	1	60	0	60	6486.03	202
	May 2004	159	2	104	46	150	6487.17	210
	Jun 2004	288	2	104	101	205	6498.86	290
	Jul 2004	173	3	101	19	120	6505.38	341
	Aug 2004	75	2	100	0	100	6501.90	313
	Sep 2004	43	2	67	0	67	6498.48	288
	WY 2004	1007	18	810	166	976		
	Oct 2004	52	1	69	0	69	6495.92	269
	Nov 2004	43	1	67	0	67	6492.44	244
	Dec 2004	33	1	69	0	69	6486.86	208
	Jan 2005	31	1	69	0	69	6480.36	169
	Feb 2005	29	1	62	0	62	6473.60	135
	Mar 2005	52	0	75	0	75	6468.12	111
	Apr 2005	93	1	90	0	90	6468.71	114
	May 2005	196	1	97	63	160	6476.47	149
	Jun 2005	356	2	101	109	210	6499.17	293

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Flaming Gorge Reservoir

	Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Yampa Flow 1000 Ac-Ft	Jensen Flow 1000 Ac-Ft
* Jul 2002	65	32	11	49	0	49	72	6012.63	2727	0	54
H Aug 2002	15	24	11	50	0	50	71	6011.56	2692	0	51
I Sep 2002	28	42	9	51	0	51	70	6011.03	2675	0	54
WY 2002	530	435	69	657	0	657					1220
S Oct 2002	30	38	6	50	0	50	69	6010.50	2657	0	67
T Nov 2002	32	40	3	48	0	48	69	6010.17	2647	0	71
O Dec 2002	22	36	2	50	0	50	68	6009.71	2632	0	72
R Jan 2003	30	45	1	49	0	49	68	6009.50	2625	0	80
I Feb 2003	32	43	2	57	0	57	67	6009.04	2610	0	79
C Mar 2003	78	77	3	52	0	52	68	6009.69	2631	0	131
A Apr 2003	66	96	4	49	0	49	70	6010.98	2673	0	219
L May 2003	99	119	7	140	0	140	69	6010.17	2647	0	590
* Jun 2003	244	111	9	63	0	63	70	6011.30	2684	0	506
Jul 2003	90	67	12	49	0	49	70	6011.49	2690	0	49
Aug 2003	55	56	9	49	0	49	70	6011.43	2688	0	49
Sep 2003	40	49	8	47	0	47	70	6011.27	2682	0	47
WY 2003	818	777	66	703	0	703					1960
Oct 2003	48	52	4	49	0	49	70	6011.23	2681	0	49
Nov 2003	45	54	2	47	0	47	70	6011.38	2686	0	47
Dec 2003	32	51	2	49	0	49	70	6011.39	2687	0	49
Jan 2004	36	57	2	49	0	49	71	6011.58	2693	0	49
Feb 2004	41	60	2	44	0	44	71	6012.00	2707	0	44
Mar 2004	87	95	4	49	0	49	72	6013.23	2747	0	49
Apr 2004	127	112	6	48	0	48	74	6014.90	2803	0	48
May 2004	245	236	9	125	0	125	77	6017.78	2902	0	125
Jun 2004	381	298	12	146	0	146	82	6021.63	3038	0	146
Jul 2004	210	157	13	74	0	74	84	6023.51	3106	0	74
Aug 2004	87	112	10	74	0	74	85	6024.26	3133	0	74
Sep 2004	53	77	9	71	0	71	85	6024.19	3130	0	71
WY 2004	1392	1361	75	825	0	825					825
Oct 2004	65	82	5	74	0	74	85	6024.28	3134	0	74
Nov 2004	56	80	2	71	0	71	85	6024.45	3140	0	71
Dec 2004	40	76	2	74	0	74	85	6024.45	3140	0	74
Jan 2005	45	83	2	74	0	74	86	6024.65	3147	0	74
Feb 2005	50	83	2	67	0	67	86	6025.01	3161	0	67
Mar 2005	108	132	4	104	0	104	87	6025.63	3183	0	104
Apr 2005	157	154	7	101	0	101	88	6026.82	3228	0	101
May 2005	303	266	10	200	0	200	90	6028.27	3283	0	200
Jun 2005	470	324	13	220	0	220	93	6030.56	3371	0	220

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Taylor Park Reservoir

	Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
* Jul 2002	4	14	9298.68	53
H Aug 2002	3	11	9292.28	45
I Sep 2002	3	6	9289.63	42
WY 2002	63	88		
S Oct 2002	4	4	9289.23	42
T Nov 2002	3	3	9289.12	42
O Dec 2002	3	3	9288.42	41
R Jan 2003	3	3	9287.57	40
I Feb 2003	3	3	9287.04	40
C Mar 2003	3	4	9286.61	39
A Apr 2003	7	4	9289.66	42
L May 2003	29	8	9305.60	63
* Jun 2003	31	13	9316.70	81
Jul 2003	10	15	9313.80	76
Aug 2003	6	12	9310.19	70
Sep 2003	5	6	9309.36	69
WY 2003	107	78		
Oct 2003	5	3	9310.56	71
Nov 2003	4	3	9311.24	72
Dec 2003	4	3	9311.92	73
Jan 2004	3	3	9312.10	73
Feb 2004	3	3	9312.28	74
Mar 2004	3	3	9312.47	74
Apr 2004	7	6	9312.83	74
May 2004	22	14	9317.57	83
Jun 2004	38	18	9328.05	102
Jul 2004	18	18	9328.05	102
Aug 2004	8	18	9323.00	92
Sep 2004	6	14	9318.47	84
WY 2004	121	106		
Oct 2004	7	12	9315.34	79
Nov 2004	5	8	9313.64	76
Dec 2004	5	6	9312.80	74
Jan 2005	4	6	9311.81	73
Feb 2005	4	6	9310.46	71
Mar 2005	4	6	9309.40	69
Apr 2005	8	12	9307.06	65
May 2005	27	16	9314.15	77
Jun 2005	46	20	9328.01	102

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Blue Mesa Reservoir

	Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir elevation EOM Feet	Live Storage 1000 Ac-Ft
* Jul 2002	14	24	1	98	0	98	7460.33	373
H Aug 2002	10	18	1	73	0	73	7450.91	318
I Sep 2002	13	16	1	58	0	58	7443.05	275
WY 2002	326	348	6	622	45	667		
S Oct 2002	24	25	0	33	0	33	7441.41	267
T Nov 2002	23	23	0	12	0	12	7443.54	278
O Dec 2002	17	18	0	13	0	13	7444.59	283
R Jan 2003	17	18	0	11	0	11	7446.05	291
I Feb 2003	16	17	0	15	0	15	7446.30	292
C Mar 2003	27	27	0	9	0	9	7449.60	310
A Apr 2003	42	39	0	50	0	50	7447.48	299
L May 2003	174	155	1	42	0	42	7466.19	411
* Jun 2003	170	150	1	48	0	48	7480.76	512
Jul 2003	63	68	1	96	0	96	7476.77	483
Aug 2003	40	46	1	98	0	98	7469.17	430
Sep 2003	24	25	1	79	0	79	7460.73	376
WY 2003	637	611	5	506	0	506		
Oct 2003	29	27	0	52	0	52	7456.58	351
Nov 2003	26	25	0	21	0	21	7457.29	355
Dec 2003	21	20	0	16	0	16	7458.00	359
Jan 2004	21	21	0	17	0	17	7458.67	363
Feb 2004	19	19	0	15	0	15	7459.33	367
Mar 2004	29	29	0	17	0	17	7461.25	379
Apr 2004	62	61	1	28	0	28	7466.38	412
May 2004	179	171	1	20	0	20	7487.46	562
Jun 2004	239	219	1	31	0	31	7510.32	749
Jul 2004	110	110	2	81	0	81	7513.45	776
Aug 2004	53	63	1	102	0	102	7508.83	736
Sep 2004	30	38	1	103	0	103	7501.12	671
WY 2004	818	803	7	503	0	503		
Oct 2004	37	43	1	82	0	82	7496.23	631
Nov 2004	32	35	0	54	0	54	7493.78	611
Dec 2004	26	27	0	57	0	57	7490.00	581
Jan 2005	25	27	0	73	0	73	7483.93	535
Feb 2005	23	25	0	77	0	77	7476.82	483
Mar 2005	35	37	0	104	0	104	7467.01	416
Apr 2005	75	79	1	104	0	104	7463.01	390
May 2005	218	206	1	80	0	80	7481.29	515
Jun 2005	292	267	1	27	0	27	7510.90	754

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Morrow Point Reservoir

	Unreg Inflow 1000 Ac-Ft	Blue_Mesa Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Evap losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
* Jul 2002	16	98	2	100	0	98	0	98	7150.78	110
H Aug 2002	11	73	1	74	0	87	0	87	7133.30	97
I Sep 2002	15	58	2	60	0	35	17	52	7144.13	105
WY 2002	358	667	35	699	0	685	17	702		
S Oct 2002	25	33	1	34	0	29	0	29	7150.55	110
T Nov 2002	24	12	1	13	0	13	0	13	7150.23	109
O Dec 2002	18	13	1	14	0	13	0	13	7150.72	110
R Jan 2003	19	11	1	13	0	12	0	12	7151.64	110
I Feb 2003	18	15	2	17	0	15	0	15	7154.46	113
C Mar 2003	29	9	3	12	0	16	0	16	7148.63	108
A Apr 2003	48	50	7	57	0	52	0	52	7154.64	113
L May 2003	188	42	14	56	0	54	0	54	7157.73	115
* Jun 2003	180	48	10	58	0	59	0	59	7157.05	115
Jul 2003	67	96	4	99	0	102	0	102	7153.73	112
Aug 2003	42	98	2	100	0	100	0	100	7153.73	112
Sep 2003	26	79	2	81	0	81	0	81	7153.73	112
WY 2003	684	506	48	554	0	546	0	546		
Oct 2003	30	52	2	53	0	53	0	53	7153.73	112
Nov 2003	28	21	2	22	0	22	0	22	7153.73	112
Dec 2003	23	16	2	18	0	18	0	18	7153.73	112
Jan 2004	22	17	1	18	0	18	0	18	7153.73	112
Feb 2004	21	15	2	17	0	17	0	17	7153.73	112
Mar 2004	32	17	3	19	0	20	0	20	7153.73	112
Apr 2004	70	28	8	36	0	36	0	36	7153.73	112
May 2004	203	20	24	43	0	44	0	44	7153.73	112
Jun 2004	258	31	19	50	0	50	0	50	7153.73	112
Jul 2004	116	81	6	87	0	87	0	87	7153.73	112
Aug 2004	56	102	3	105	0	105	0	105	7153.73	112
Sep 2004	32	103	2	104	0	105	0	105	7153.73	112
WY 2004	891	503	74	572	0	575	0	575		
Oct 2004	39	82	2	84	0	84	0	84	7153.73	112
Nov 2004	34	54	2	56	0	56	0	56	7153.73	112
Dec 2004	28	57	2	59	0	59	0	59	7153.73	112
Jan 2005	27	73	2	75	0	75	0	75	7153.73	112
Feb 2005	25	77	3	79	0	79	0	79	7153.73	112
Mar 2005	39	104	4	108	0	108	0	108	7153.73	112
Apr 2005	85	104	10	114	0	114	0	114	7153.73	112
May 2005	247	80	29	109	0	109	0	109	7153.73	112
Jun 2005	315	27	23	50	0	50	0	50	7153.73	112

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Crystal Reservoir

	unreg Inflow 1000 Ac-Ft	Morrow Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Tunnel Flow 1000 Ac-Ft	Below_tunnel Flow 1000 Ac-Ft
* Jul 2002	21	98	5	103	101	0	101	6745.09	15	62	42
H Aug 2002	14	87	3	90	88	1	89	6747.38	15	58	32
I Sep 2002	19	52	4	56	54	1	55	6750.62	16	34	22
WY 2002	414	702	55	757	726	28	754			376	388
S Oct 2002	28	29	3	32	20	15	35	6740.91	14	0	17
T Nov 2002	27	13	3	16	1	15	16	6740.74	14	1	0
O Dec 2002	21	13	2	16	1	14	15	6742.41	14	1	16
R Jan 2003	22	12	3	15	2	14	16	6740.21	13	1	17
I Feb 2003	21	15	3	18	0	15	15	6752.71	17	0	14
C Mar 2003	34	16	4	20	10	11	21	6750.34	16	5	16
A Apr 2003	56	52	7	59	59	0	59	6752.87	17	43	16
L May 2003	206	54	18	72	72	0	72	6752.51	17	49	24
* Jun 2003	196	59	16	75	77	1	78	6740.47	13	48	35
Jul 2003	77	102	10	112	111	0	111	6746.05	15	65	46
Aug 2003	48	100	6	106	106	0	106	6746.05	15	65	41
Sep 2003	31	81	5	86	86	0	86	6746.05	15	55	31
WY 2003	767	546	80	627	545	85	630			333	273
Oct 2003	35	53	5	58	58	0	58	6746.05	15	30	28
Nov 2003	33	22	5	27	28	0	28	6746.05	15	0	27
Dec 2003	27	18	4	22	22	0	22	6746.05	15	0	22
Jan 2004	26	18	4	22	22	0	22	6746.05	15	0	22
Feb 2004	25	17	4	20	21	0	21	6746.05	15	0	20
Mar 2004	39	20	7	27	27	0	27	6746.05	15	5	22
Apr 2004	85	36	15	51	51	0	51	6746.05	15	30	21
May 2004	245	44	43	86	86	0	86	6746.05	15	55	31
Jun 2004	310	50	52	102	102	0	102	6746.05	15	60	42
Jul 2004	137	87	21	108	108	0	108	6746.05	15	65	43
Aug 2004	67	105	11	116	116	0	116	6746.05	15	65	51
Sep 2004	40	105	8	113	112	1	113	6746.05	15	55	57
WY 2004	1069	575	179	752	753	1	754			365	386
Oct 2004	47	84	8	92	92	0	92	6746.05	15	30	62
Nov 2004	40	56	6	62	62	0	62	6746.05	15	0	62
Dec 2004	33	59	5	64	64	0	64	6746.05	15	0	64
Jan 2005	32	75	5	80	80	0	80	6746.05	15	0	80
Feb 2005	30	79	4	84	84	0	84	6746.05	15	0	84
Mar 2005	47	108	8	115	115	0	115	6746.05	15	5	110
Apr 2005	104	114	18	132	112	20	132	6746.05	15	30	102
May 2005	299	109	52	161	116	45	161	6746.05	15	55	106
Jun 2005	378	50	62	112	112	0	112	6746.05	15	60	52

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Vallecito Reservoir

	Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
* Jul 2002	4	4	7610.88	18
H Aug 2002	3	7	7607.41	15
I Sep 2002	10	5	7611.88	19
WY 2002	76	117		
S Oct 2002	8	4	7615.88	24
T Nov 2002	6	1	7619.82	29
O Dec 2002	4	0	7622.37	32
R Jan 2003	3	0	7624.24	35
I Feb 2003	3	0	7625.98	38
C Mar 2003	5	0	7628.62	42
A Apr 2003	14	0	7635.63	55
L May 2003	53	29	7646.68	79
* Jun 2003	30	40	7641.97	69
Jul 2003	12	40	7627.55	41
Aug 2003	9	35	7606.55	14
Sep 2003	10	18	7595.53	6
WY 2003	157	167		
Oct 2003	11	4	7605.09	13
Nov 2003	7	1	7612.14	20
Dec 2003	5	1	7615.94	24
Jan 2004	4	1	7618.75	28
Feb 2004	4	1	7621.35	31
Mar 2004	6	4	7623.09	34
Apr 2004	17	13	7625.94	38
May 2004	54	43	7632.44	49
Jun 2004	66	42	7644.47	74
Jul 2004	28	43	7637.70	60
Aug 2004	16	43	7622.54	33
Sep 2004	13	30	7608.16	16
WY 2004	231	226		
Oct 2004	14	4	7617.34	26
Nov 2004	9	4	7621.14	31
Dec 2004	6	5	7621.94	32
Jan 2005	5	4	7622.61	33
Feb 2005	5	4	7623.26	34
Mar 2005	8	4	7625.84	38
Apr 2005	21	12	7631.10	47
May 2005	67	43	7642.98	71
Jun 2005	82	42	7659.48	111

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Navajo Reservoir

	Mod_Unreg Inflow 1000 Ac-Ft	Azetea Tunnel_Div 1000 Ac-Ft	Reg Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	NIIP Diversion 1000 ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Farm Flow 1000 Ac-Ft
* Jul 2002	4	0	5	3	41	53	6029.86	1007	47
H Aug 2002	-3	0	0	3	37	50	6020.59	917	45
I Sep 2002	11	0	7	2	16	34	6015.62	872	53
WY 2002	118	5	156	23	186	484			495
S Oct 2002	23	0	18	1	11	31	6012.91	847	49
T Nov 2002	20	0	15	1	1	21	6012.07	840	0
O Dec 2002	13	0	9	0	0	22	6010.55	827	42
R Jan 2003	13	0	10	0	0	22	6009.14	815	39
I Feb 2003	15	0	12	0	0	20	6008.15	806	35
C Mar 2003	39	1	34	1	4	22	6008.99	813	44
A Apr 2003	71	11	48	2	16	21	6010.10	823	41
L May 2003	163	26	115	2	26	25	6016.96	884	97
* Jun 2003	81	19	68	3	36	29	6017.05	885	86
Jul 2003	32	4	56	3	44	55	6011.96	839	55
Aug 2003	26	2	50	2	39	44	6007.89	804	44
Sep 2003	21	5	24	2	17	27	6005.34	782	27
WY 2003	517	68	459	17	194	339			559
Oct 2003	30	1	22	1	12	26	6003.40	766	26
Nov 2003	28	0	21	0	1	21	6003.34	766	21
Dec 2003	20	0	16	0	0	22	6002.62	760	22
Jan 2004	19	0	15	0	0	17	6002.35	758	17
Feb 2004	25	0	22	0	0	16	6002.94	763	16
Mar 2004	72	1	69	1	4	16	6008.68	811	16
Apr 2004	138	14	119	1	21	15	6017.84	892	15
May 2004	223	31	181	2	28	47	6028.74	996	47
Jun 2004	208	32	151	3	39	112	6028.49	993	112
Jul 2004	68	9	73	3	44	30	6028.13	990	30
Aug 2004	37	3	61	2	39	34	6026.64	975	34
Sep 2004	32	1	48	2	17	20	6027.61	985	20
WY 2004	900	92	798	15	205	376			376
Oct 2004	44	1	33	1	12	22	6027.47	983	22
Nov 2004	35	0	30	1	1	21	6028.25	991	21
Dec 2004	25	0	24	0	0	22	6028.46	993	22
Jan 2005	23	0	22	0	0	31	6027.48	983	31
Feb 2005	30	0	29	0	0	28	6027.57	984	28
Mar 2005	89	1	85	1	4	31	6032.40	1033	31
Apr 2005	170	14	146	2	21	30	6041.21	1126	30
May 2005	275	31	220	3	28	59	6052.67	1257	59
Jun 2005	257	32	185	3	39	120	6054.56	1280	120

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Lake Powell

	Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Bank Storage 1000 Ac-Ft	EOM Storage 1000 Ac-Ft	Lees Ferry 1000 Ac-Ft
* Jul 2002	60	200	54	897	0	897	3634.24	19122	15333	917
H Aug 2002	12	191	59	893	0	893	3627.45	19125	14569	913
I Sep 2002	273	392	55	483	0	483	3626.53	19079	14468	492
WY 2002	3058	4065	462	8230	0	8230				8307
S Oct 2002	309	372	32	496	0	496	3624.72	19121	14270	503
T Nov 2002	377	384	27	476	0	476	3623.25	19160	14111	480
O Dec 2002	252	279	24	602	0	602	3620.10	19151	13774	610
R Jan 2003	236	264	16	784	0	784	3615.28	19120	13269	798
I Feb 2003	262	281	17	714	0	714	3611.02	19106	12833	727
C Mar 2003	413	376	15	786	0	786	3607.13	19071	12444	794
A Apr 2003	409	387	22	601	0	601	3605.10	19035	12243	605
L May 2003	1156	1054	29	652	0	652	3610.26	18895	12756	662
* Jun 2003	2003	1644	44	842	0	842	3616.20	19045	13365	868
Jul 2003	635	698	48	900	0	900	3613.96	19048	13133	0
Aug 2003	400	511	49	900	0	900	3609.98	19016	12728	0
Sep 2003	350	440	42	476	0	476	3609.26	19010	12656	0
WY 2003	6802	6690	365	8229	0	8229				6047
Oct 2003	460	492	38	492	0	492	3608.91	19007	12621	0
Nov 2003	446	436	31	476	0	476	3608.25	19002	12555	0
Dec 2003	356	369	26	492	0	492	3606.86	18991	12417	0
Jan 2004	328	335	19	788	0	788	3602.39	18956	11979	0
Feb 2004	341	331	18	712	0	712	3598.53	18926	11610	0
Mar 2004	537	435	22	788	0	788	3594.83	18898	11263	0
Apr 2004	798	598	25	600	0	600	3594.56	18897	11238	0
May 2004	1865	1468	34	600	0	600	3602.71	18958	12011	0
Jun 2004	2495	2027	41	800	0	800	3613.72	19046	13109	0
Jul 2004	1261	1111	48	900	0	900	3615.19	19058	13260	0
Aug 2004	497	572	49	900	0	900	3611.79	19030	12911	0
Sep 2004	385	481	42	682	0	682	3609.56	19012	12686	0
WY 2004	9769	8655	393	8230	0	8230				0
Oct 2004	557	602	38	600	0	600	3609.23	19010	12653	0
Nov 2004	550	574	31	600	0	600	3608.70	19005	12600	0
Dec 2004	439	501	26	800	0	800	3605.66	18981	12299	0
Jan 2005	405	490	19	800	0	800	3602.54	18957	11994	0
Feb 2005	417	486	18	650	0	650	3600.79	18943	11826	0
Mar 2005	663	674	22	600	0	600	3601.29	18947	11873	0
Apr 2005	985	854	26	600	0	600	3603.47	18964	12085	0
May 2005	2303	1905	36	800	0	800	3613.39	19043	13075	0
Jun 2005	3080	2498	44	900	0	900	3626.95	19159	14514	0

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Hoover Dam - Lake Mead

	Glen Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	SNWP Use 1000 Ac-Ft	Dwnstrm Reqmnts 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
* Jul 2002	897	34	94	1008	16.4	34	999	1127	1157.57	17343
H Aug 2002	893	47	99	945	15.4	39	940	1119	1156.42	17209
I Sep 2002	483	169	81	664	11.2	30	643	1111	1155.42	17093
WY 2002	8230	402	802	10509		298	10368			
S Oct 2002	496	50	59	525	8.5	28	514	1107	1154.89	17032
T Nov 2002	476	34	58	625	10.5	21	620	1095	1153.30	16850
O Dec 2002	602	51	50	731	11.9	13	729	1087	1152.13	16718
R Jan 2003	784	66	41	651	10.6	13	646	1095	1153.33	16854
I Feb 2003	714	77	38	608	10.9	13	580	1104	1154.42	16978
C Mar 2003	786	72	42	957	15.6	21	949	1094	1153.09	16826
A Apr 2003	601	34	52	1138	19.1	20	1126	1059	1148.27	16287
L May 2003	652	29	58	1017	16.5	24	1013	1033	1144.68	15893
* Jun 2003	842	27	69	918	15.4	31	918	1023	1143.19	15733
Jul 2003	900	58	86	887	14.4	32	887	1020	1142.78	15688
Aug 2003	900	70	91	797	13.0	32	797	1023	1143.22	15735
Sep 2003	476	64	75	591	9.9	27	591	1013	1141.87	15591
WY 2003	8229	632	719	9445		275	9370			
Oct 2003	492	62	55	413	6.7	28	413	1017	1142.39	15646
Nov 2003	476	60	54	684	11.5	20	684	1003	1140.43	15437
Dec 2003	492	77	47	688	11.2	19	688	992	1138.79	15265
Jan 2004	788	73	38	721	11.7	13	721	998	1139.58	15348
Feb 2004	712	98	35	604	10.5	13	604	1007	1140.99	15496
Mar 2004	788	84	39	1025	16.7	19	1025	994	1139.11	15298
Apr 2004	600	58	48	1125	18.9	24	1125	961	1134.27	14792
May 2004	600	78	54	965	15.7	30	965	939	1130.86	14442
Jun 2004	800	39	65	889	14.9	30	889	930	1129.52	14306
Jul 2004	900	68	81	918	14.9	30	917	926	1128.96	14249
Aug 2004	900	83	86	765	12.4	30	765	932	1129.89	14343
Sep 2004	682	71	71	604	10.2	29	604	935	1130.34	14389
WY 2004	8230	851	673	9401		285	9402			
Oct 2004	600	62	52	434	7.1	28	434	944	1131.69	14527
Nov 2004	600	60	52	682	11.5	20	682	939	1130.83	14439
Dec 2004	800	77	45	698	11.4	15	698	946	1131.93	14551
Jan 2005	800	73	37	721	11.7	13	721	952	1132.86	14647
Feb 2005	650	98	34	604	10.9	13	604	958	1133.74	14738
Mar 2005	600	84	38	1025	16.7	19	1025	934	1130.10	14364
Apr 2005	600	58	46	1125	18.9	24	1125	901	1125.09	13859
May 2005	800	78	53	965	15.7	30	965	890	1123.47	13699
Jun 2005	900	39	63	889	14.9	30	889	888	1123.06	13658

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Davis Dam - Lake Mohave

		Hoover Release 1000 Ac-Ft	Side inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Spill Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
*	Jul 2002	1008	-18	1002	0	1002	16.3	642.87	1695
H	Aug 2002	945	-26	916	0	916	14.9	642.98	1698
I	Sep 2002	664	-15	771	0	771	13.0	638.47	1577
	WY 2002	10509	-227	10284	0	10285			
S	Oct 2002	525	-4	610	0	610	9.9	635.03	1486
T	Nov 2002	625	-11	584	0	584	9.8	636.18	1516
O	Dec 2002	731	-23	544	0	544	8.9	642.27	1679
R	Jan 2003	651	-17	608	0	608	9.9	643.24	1705
I	Feb 2003	608	-13	572	0	572	10.3	644.08	1728
C	Mar 2003	957	-19	980	0	980	15.9	642.53	1686
A	Apr 2003	1138	-30	1108	0	1108	18.6	642.53	1686
L	May 2003	1017	-33	955	0	955	15.5	643.60	1715
*	Jun 2003	918	-32	905	0	905	15.2	642.89	1696
	Jul 2003	887	-29	899	0	899	14.6	641.40	1655
	Aug 2003	797	-35	724	0	724	11.8	642.80	1693
	Sep 2003	591	-31	689	0	689	11.6	638.00	1564
	WY 2003	9445	-277	9178	0	9178			
	Oct 2003	413	-30	576	0	576	9.4	630.49	1371
	Nov 2003	684	-28	567	0	567	9.5	634.00	1460
	Dec 2003	688	-28	537	0	537	8.7	638.71	1583
	Jan 2004	721	-32	606	0	606	9.9	641.80	1666
	Feb 2004	604	-26	545	0	545	9.5	643.01	1699
	Mar 2004	1025	-29	996	0	996	16.2	643.01	1699
	Apr 2004	1125	-36	1089	0	1089	18.3	643.01	1699
	May 2004	965	-33	932	0	932	15.2	643.01	1699
	Jun 2004	889	-28	889	0	889	14.9	642.00	1671
	Jul 2004	918	-29	902	0	902	14.7	641.50	1658
	Aug 2004	765	-35	730	0	730	11.9	641.50	1658
	Sep 2004	604	-31	667	0	667	11.2	638.00	1564
	WY 2004	9401	-365	9036	0	9036			
	Oct 2004	434	-30	598	0	598	9.7	630.49	1371
	Nov 2004	682	-28	565	0	565	9.5	634.00	1460
	Dec 2004	698	-28	547	0	547	8.9	638.71	1583
	Jan 2005	721	-32	606	0	606	9.9	641.80	1666
	Feb 2005	604	-26	545	0	545	9.8	643.01	1699
	Mar 2005	1025	-29	996	0	996	16.2	643.01	1699
	Apr 2005	1125	-36	1089	0	1089	18.3	643.01	1699
	May 2005	965	-33	932	0	932	15.2	643.01	1699
	Jun 2005	889	-28	889	0	889	14.9	642.00	1671

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Parker Dam - Lake Havasu

	Davis Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	MWD Diversion 1000 Ac-Ft	CAP diversion 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft	Flow_to Mexico 1000 Ac-Ft	Flow_to Mexico 1000 CFS
* Jul 2002	1002	-28	811	13.2	109	87	447.00	561	127	2.1
H Aug 2002	916	-17	700	11.4	112	88	446.92	560	105	1.7
I Sep 2002	771	-10	578	9.7	106	70	447.20	565	112	1.9
WY 2002	10285	-130	7267		1281	1627			1610	
S Oct 2002	610	8	500	8.1	59	40	448.20	584	79	1.3
T Nov 2002	584	0	392	6.6	109	108	446.88	559	104	1.7
O Dec 2002	544	4	322	5.2	110	128	446.21	547	122	2.0
R Jan 2003	608	-2	378	6.1	58	179	445.69	537	134	2.2
I Feb 2003	572	13	376	6.8	6	167	447.62	573	181	3.3
C Mar 2003	980	-13	728	11.8	82	188	445.89	541	207	3.4
A Apr 2003	1108	1	800	13.4	82	176	448.60	592	205	3.4
L May 2003	955	49	710	11.5	53	184	448.83	596	112	1.8
* Jun 2003	905	-15	715	12.0	35	144	448.57	591	111	1.9
Jul 2003	899	-9	765	12.4	53	75	448.34	586	122	2.0
Aug 2003	724	1	640	10.4	52	48	447.50	570	100	1.6
Sep 2003	689	8	579	9.7	44	87	446.81	557	90	1.5
WY 2003	9178	45	6905		743	1524			1567	
Oct 2003	576	11	478	7.8	42	76	446.31	548	76	1.2
Nov 2003	567	17	382	6.4	42	165	446.00	543	95	1.6
Dec 2003	537	0	352	5.7	43	145	445.80	539	119	1.9
Jan 2004	606	-6	378	6.1	37	186	445.80	539	130	2.1
Feb 2004	545	10	376	6.5	10	169	445.80	539	155	2.7
Mar 2004	996	12	728	11.8	77	187	446.70	555	200	3.3
Apr 2004	1089	0	800	13.4	80	171	448.71	594	193	3.2
May 2004	932	-2	710	11.5	18	185	449.60	611	106	1.7
Jun 2004	889	-7	715	12.0	38	129	449.60	611	107	1.8
Jul 2004	902	-9	765	12.4	84	75	448.00	580	119	1.9
Aug 2004	730	1	640	10.4	21	80	447.50	570	100	1.6
Sep 2004	667	8	579	9.7	29	80	446.81	557	90	1.5
WY 2004	9036	35	6903		521	1648			1490	
Oct 2004	598	11	478	7.8	68	72	446.31	548	78	1.3
Nov 2004	565	17	382	6.4	65	141	445.99	543	99	1.7
Dec 2004	547	0	352	5.7	68	130	445.80	539	122	2.0
Jan 2005	606	-6	378	6.1	37	186	445.80	539	130	2.1
Feb 2005	545	10	376	6.8	10	169	445.80	539	155	2.8
Mar 2005	996	12	728	11.8	77	187	446.70	555	200	3.3
Apr 2005	1089	0	800	13.4	80	171	448.71	594	193	3.2
May 2005	932	-2	710	11.5	18	185	449.60	611	106	1.7
Jun 2005	889	-7	715	12.0	38	129	449.60	611	107	1.8

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Hoover Dam - Lake Mead

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Hoover Static Head Feet	Hoover Generator Capacity MW	Hoover Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Jul 2002	1008	16.4	1157.57	17343	-190	0.00	2062.0	447.2	100	443.7
H	Aug 2002	945	15.4	1156.42	17209	-134	0.00	1908.0	416.7	100	440.8
I	Sep 2002	664	11.2	1155.42	17093	-116	0.00	1908.0	286.3	100	431.1
	WY 2002	10508							4754.7		
S	Oct 2002	525	8.5	1154.89	17032	-61	0.00	1545.0	225.0	81	428.7
T	Nov 2002	625	10.5	1153.30	16850	-182	0.00	1317.0	275.8	69	441.1
O	Dec 2002	731	11.9	1152.13	16718	-133	0.00	1317.0	324.3	69	443.9
R	Jan 2003	651	10.6	1153.33	16854	136	0.00	1183.0	285.8	62	438.7
I	Feb 2003	608	10.9	1154.42	16978	125	0.00	1317.0	265.2	69	436.1
C	Mar 2003	957	15.6	1153.09	16826	-152	0.00	1526.0	425.3	80	444.4
A	Apr 2003	1138	19.1	1148.27	16287	-539	0.00	1431.0	504.4	75	443.3
L	May 2003	1017	16.5	1144.68	15893	-393	0.00	1509.0	443.4	82	435.8
*	Jun 2003	918	15.4	1143.19	15733	-161	0.00	1840.0	394.8	100	429.9
	Jul 2003	887	14.4	1142.78	15688	-44	489.67	1885.0	391.1	100	440.9
	Aug 2003	797	13.0	1143.22	15735	47	489.72	1885.0	346.6	100	435.0
	Sep 2003	591	9.9	1141.87	15591	-144	490.38	1885.0	251.6	100	425.8
	WY 2003	9445							4133.1		
	Oct 2003	413	6.7	1142.39	15646	55	494.64	1526.8	172.7	81	418.4
	Nov 2003	684	11.5	1140.43	15437	-209	497.94	1263.0	301.8	67	441.0
	Dec 2003	688	11.2	1138.79	15265	-173	494.33	1168.7	301.4	62	438.4
	Jan 2004	721	11.7	1139.58	15348	84	491.35	1168.7	317.1	62	439.6
	Feb 2004	604	10.5	1140.99	15496	148	490.37	1281.8	262.9	68	435.3
	Mar 2004	1025	16.7	1139.11	15298	-198	489.62	1300.7	455.0	69	443.9
	Apr 2004	1125	18.9	1134.27	14792	-506	486.27	1300.7	506.4	69	450.0
	May 2004	965	15.7	1130.86	14442	-350	478.72	1885.0	413.6	100	428.4
	Jun 2004	889	14.9	1129.52	14306	-137	476.69	1885.0	376.9	100	423.8
	Jul 2004	918	14.9	1128.96	14249	-57	476.24	1885.0	388.5	100	423.4
	Aug 2004	765	12.4	1129.89	14343	94	476.59	1885.0	323.9	100	423.1
	Sep 2004	604	10.2	1130.34	14389	45	478.42	1885.0	253.2	100	419.0
	WY 2004	9402							4073.2		
	Oct 2004	434	7.1	1131.69	14527	138	482.11	1771.9	179.5	94	413.2
	Nov 2004	682	11.5	1130.83	14439	-88	486.92	1413.8	293.6	75	430.4
	Dec 2004	698	11.4	1131.93	14551	112	485.34	1300.7	300.3	69	430.3
	Jan 2005	721	11.7	1132.86	14647	96	483.80	1300.7	311.2	69	431.4
	Feb 2005	604	10.9	1133.74	14738	91	483.29	1300.7	257.2	69	425.9
	Mar 2005	1025	16.7	1130.10	14364	-374	481.51	1300.7	448.5	69	437.5
	Apr 2005	1125	18.9	1125.09	13859	-505	477.20	1300.7	498.1	69	442.6
	May 2005	965	15.7	1123.47	13699	-160	472.57	1526.8	413.4	81	428.2
	Jun 2005	889	14.9	1123.06	13658	-41	469.80	1885.0	372.2	100	418.6

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Davis Dam - Lake Mohave

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Davis Static Head Feet	Davis Generator Capacity MW	Davis Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Jul 2002	1002	16.3	642.87	1695	-25	0.00	240.0	125.0	100	124.8
H	Aug 2002	916	14.9	642.98	1698	3	0.00	240.0	114.0	100	124.4
I	Sep 2002	771	13.0	638.47	1577	-122	0.00	240.0	95.5	100	123.9
	WY 2002	10284							1281.2		
S	Oct 2002	610	9.9	635.03	1486	-90	0.00	192.0	73.3	80	120.1
T	Nov 2002	584	9.8	636.18	1516	30	0.00	185.0	69.7	77	119.5
O	Dec 2002	544	8.9	642.27	1679	162	0.00	163.0	67.4	68	123.9
R	Jan 2003	608	9.9	643.24	1705	26	0.00	154.0	76.7	64	126.2
I	Feb 2003	572	10.3	644.08	1728	23	0.00	178.0	73.2	74	128.0
C	Mar 2003	980	15.9	642.53	1686	-42	0.00	197.0	124.6	82	127.1
A	Apr 2003	1108	18.6	642.53	1686	0	0.00	240.0	138.5	100	125.0
L	May 2003	955	15.5	643.60	1715	29	0.00	255.0	120.9	100	126.5
*	Jun 2003	905	15.2	642.89	1696	-19	0.00	255.0	113.6	100	125.6
	Jul 2003	899	14.6	641.40	1655	-41	135.15	255.0	112.0	100	124.6
	Aug 2003	724	11.8	642.80	1693	38	135.10	255.0	90.8	100	125.5
	Sep 2003	689	11.6	638.00	1564	-129	133.31	255.0	85.5	100	124.1
	WY 2003	9176							1146.2		
	Oct 2003	576	9.4	630.49	1371	-193	128.32	204.0	68.7	80	119.3
	Nov 2003	567	9.5	634.00	1460	89	126.46	196.3	66.7	77	117.5
	Dec 2003	537	8.7	638.71	1583	123	131.54	173.4	65.2	68	121.5
	Jan 2004	606	9.9	641.80	1666	83	135.97	163.2	75.5	64	124.6
	Feb 2004	545	9.5	643.01	1699	33	137.30	188.7	69.0	74	126.6
	Mar 2004	996	16.2	643.01	1699	0	137.29	209.1	124.4	82	124.9
	Apr 2004	1089	18.3	643.01	1699	0	136.05	255.0	135.4	100	124.3
	May 2004	932	15.2	643.01	1699	0	136.05	255.0	116.8	100	125.2
	Jun 2004	889	14.9	642.00	1671	-28	135.52	255.0	111.0	100	124.8
	Jul 2004	902	14.7	641.50	1658	-14	134.73	255.0	112.1	100	124.3
	Aug 2004	730	11.9	641.50	1658	0	134.46	255.0	91.3	100	125.0
	Sep 2004	667	11.2	638.00	1564	-94	132.63	255.0	82.4	100	123.6
	WY 2004	9037							1118.4		
	Oct 2004	598	9.7	630.49	1371	-193	128.32	204.0	71.3	80	119.2
	Nov 2004	565	9.5	634.00	1460	89	126.46	196.3	66.4	77	117.5
	Dec 2004	547	8.9	638.71	1583	123	131.54	173.4	66.4	68	121.4
	Jan 2005	606	9.9	641.80	1666	83	135.97	163.2	75.5	64	124.6
	Feb 2005	545	9.8	643.01	1699	33	137.30	188.7	68.9	74	126.5
	Mar 2005	996	16.2	643.01	1699	0	137.29	209.1	124.4	82	124.9
	Apr 2005	1089	18.3	643.01	1699	0	136.05	255.0	135.4	100	124.3
	May 2005	932	15.2	643.01	1699	0	136.05	255.0	116.8	100	125.2
	Jun 2005	889	14.9	642.00	1671	-28	135.52	255.0	111.0	100	124.8

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Parker Dam - Lake Havasu

	Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Parker Static Head Feet	Parker Generator Capacity MW	Parker Gross Energy MKWH	Percent Of Units Available	KWH/AF
* Jul 2002	811	13.2	447.00	561	-21	0.00	120.0	54.5	100	67.1
H Aug 2002	700	11.4	446.92	560	-2	0.00	120.0	47.0	100	67.2
I Sep 2002	578	9.7	447.20	565	5	0.00	113.0	39.2	94	67.8
WY 2002	7268							485.6		
S Oct 2002	500	8.1	448.20	584	19	0.00	92.0	34.5	77	69.0
T Nov 2002	392	6.6	446.88	559	-25	0.00	94.0	26.9	78	68.7
O Dec 2002	322	5.2	446.21	547	-12	0.00	103.0	21.4	86	66.5
R Jan 2003	378	6.1	445.69	537	-10	0.00	120.0	25.5	100	67.5
I Feb 2003	376	6.8	447.62	573	36	0.00	120.0	25.2	100	67.1
C Mar 2003	728	11.8	445.89	541	-32	0.00	120.0	48.5	100	66.5
A Apr 2003	800	13.4	448.60	592	50	0.00	120.0	53.8	100	67.2
L May 2003	710	11.5	448.83	596	5	0.00	120.0	48.4	100	68.3
* Jun 2003	715	12.0	448.57	591	-5	0.00	120.0	48.8	100	68.3
Jul 2003	765	12.4	448.34	586	-5	75.82	120.0	50.8	100	66.5
Aug 2003	640	10.4	447.50	570	-16	75.29	120.0	42.1	100	65.7
Sep 2003	579	9.7	446.81	557	-13	74.86	112.8	37.8	94	65.3
WY 2003	6905							463.8		
Oct 2003	478	7.8	446.31	548	-9	75.25	92.4	31.2	77	65.2
Nov 2003	382	6.4	446.00	543	-6	74.80	93.6	24.6	78	64.3
Dec 2003	352	5.7	445.80	539	-4	74.07	103.2	22.3	86	63.3
Jan 2004	378	6.1	445.80	539	0	73.24	120.0	23.8	100	62.9
Feb 2004	376	6.5	445.80	539	0	73.24	120.0	23.7	100	63.1
Mar 2004	728	11.8	446.70	555	16	73.67	120.0	47.1	100	64.7
Apr 2004	800	13.4	448.71	594	38	75.09	120.0	52.8	100	66.0
May 2004	710	11.5	449.60	611	18	76.49	120.0	47.4	100	66.8
Jun 2004	715	12.0	449.60	611	0	76.93	120.0	48.1	100	67.2
Jul 2004	765	12.4	448.00	580	-31	76.15	120.0	51.0	100	66.7
Aug 2004	640	10.4	447.50	570	-10	75.13	120.0	42.0	100	65.6
Sep 2004	579	9.7	446.81	557	-13	74.55	120.0	37.7	100	65.0
WY 2004	6904							451.7		
Oct 2004	478	7.8	446.31	548	-9	75.37	90.0	31.2	75	65.4
Nov 2004	382	6.4	445.99	543	-6	74.98	90.0	24.7	75	64.5
Dec 2004	352	5.7	445.80	539	-4	74.73	90.0	22.5	75	63.9
Jan 2005	378	6.1	445.80	539	0	74.64	90.0	24.2	75	64.1
Feb 2005	376	6.8	445.80	539	0	74.64	90.0	24.2	75	64.4
Mar 2005	728	11.8	446.70	555	16	75.08	90.0	48.1	75	66.1
Apr 2005	800	13.4	448.71	594	38	75.09	120.0	52.8	100	66.0
May 2005	710	11.5	449.60	611	18	76.49	120.0	47.4	100	66.8
Jun 2005	715	12.0	449.60	611	0	76.93	120.0	48.1	100	67.2

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Upper Basin Power

	Glen Canyon 1000 MWHR	Flam Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Res 1000 MWHR	Font Res 1000 MWHR
* Jul 2002	406	16	27	35	19	3
H Aug 2002	397	16	19	30	17	3
I Sep 2002	213	17	15	18	10	3
Summer 2002	1016	50	61	83	45	8
S Oct 2002	218	17	8	10	3	3
T Nov 2002	209	16	3	4	0	2
O Dec 2002	276	16	3	4	0	3
R Jan 2003	345	16	3	4	0	3
I Feb 2003	326	19	4	5	0	2
C Mar 2003	334	17	2	5	1	4
Winter 2003	1708	101	22	33	4	16
A Apr 2003	254	16	12	18	11	6
L May 2003	275	48	11	20	18	5
* Jun 2003	0	0	0	0	0	0
Jul 2003	366	17	27	37	21	4
Aug 2003	363	17	27	36	20	4
Sep 2003	192	17	22	29	16	2
Summer 2003	1449	115	99	139	85	21
Oct 2003	198	17	14	19	11	4
Nov 2003	191	17	5	8	5	4
Dec 2003	197	17	4	6	4	4
Jan 2004	314	17	4	6	4	4
Feb 2004	281	16	4	6	4	3
Mar 2004	309	17	4	7	5	4
Winter 2004	1492	102	36	53	33	23
Apr 2004	235	17	8	13	10	5
May 2004	236	45	6	16	16	8
Jun 2004	321	53	9	18	19	9
Jul 2004	365	27	25	31	20	10
Aug 2004	364	27	32	38	22	10
Sep 2004	275	26	31	38	21	6
Summer 2004	1795	194	111	153	109	47
Oct 2004	241	27	25	30	17	6
Nov 2004	241	26	16	20	12	6
Dec 2004	320	27	17	21	12	6
Jan 2005	318	27	21	27	15	5
Feb 2005	257	24	22	29	16	4
Mar 2005	237	38	29	39	22	5
Winter 2005	1612	169	130	166	94	33
Apr 2005	237	37	28	41	21	6
May 2005	321	73	22	39	22	7
Jun 2005	370	81	8	18	21	8

BUREAU OF RECLAMATION - CRFS 7/2003 MOST PROB WATER SUPPLY JOB STARTED:Thur JUL 10 14:58:31 2003

model_run_id = 1278

F L O O D C O N T R O L C R I T E R I A
B E G I N N I N G O F M O N T H C O N D I T I O N S

MON	YEAR	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	LAKE POWELL KAF	UPPER BASIN TOTAL KAF	LAKE MEAD KAF	TOTAL KAF	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	TOT OR MAX ALLOW KAF	LAKE POWELL KAF	LAKE MEAD KAF	TOTAL KAF	BOM SPACE REQD KAF	MEAD SCHED REL KAF	MEAD FC REL KAF	SYS CONT MAF
			* * * * P R E D I C T E D S P A C E * * * *									* * * * E F F E C T I V E S P A C E * * * *							
JUL	2003	1144	318	811	10955	13229	11647	24876	41	-32	1	9	10955	11647	22612	1500	887	0	35.6
												* * * * C R E D I T A B L E S P A C E * * * *							
AUG	2003	1118	347	857	11187	13508	11692	25199	1118	347	857	2321	11187	11692	25199	1500	797	0	35.1
SEP	2003	1122	399	892	11592	14006	11645	25650	1122	399	892	2414	11592	11645	25650	2270	591	0	34.7
OCT	2003	1139	454	914	11664	14170	11789	25959	1139	454	914	2506	11664	11789	25959	3040	413	0	34.5
NOV	2003	1145	479	930	11699	14253	11734	25986	1145	479	930	2554	11699	11734	25986	3810	684	0	34.3
DEC	2003	1150	475	930	11765	14320	11943	26262	1150	475	930	2555	11765	11943	26262	4580	687	0	34.0
JAN	2004	1169	470	936	11903	14479	12115	26594	1169	470	936	2576	11903	12115	26594	5350	721	0	33.8
												* * * * E F F E C T I V E S P A C E * * * *							
JAN	2004	1169	470	936	11903	14479	12115	26594	592	451	377	1420	11903	12115	25439	5350	721	0	33.8
FEB	2004	1184	466	938	12341	14930	12032	26962	605	447	378	1430	12341	12032	25803	1500	604	0	33.6
MAR	2004	1190	462	933	12710	15296	11884	27180	608	442	373	1424	12710	11884	26017	1500	1025	0	33.1
APR	2004	1158	451	885	13057	15551	12082	27633	570	430	320	1320	13057	12082	26459	1500	1125	0	32.8
MAY	2004	1088	418	804	13082	15392	12588	27980	491	396	216	1103	13082	12588	26773	1500	965	0	33.6
JUN	2004	982	268	700	12309	14259	12938	27197	371	237	82	690	12309	12938	25937	1500	889	0	35.0
JUL	2004	766	81	703	11211	12760	13074	25835	136	29	43	208	11211	13074	24493	1500	918	0	35.2
												* * * * C R E D I T A B L E S P A C E * * * *							
AUG	2004	648	53	706	11060	12467	13131	25598	648	53	706	1407	11060	13131	25598	1500	765	0	34.9
SEP	2004	648	94	721	11409	12871	13037	25908	648	94	721	1462	11409	13037	25908	2270	604	0	34.5
OCT	2004	676	159	711	11634	13180	12991	26171	676	159	711	1546	11634	12991	26171	3040	434	0	34.3
NOV	2004	691	199	713	11667	13270	12853	26123	691	199	713	1603	11667	12853	26123	3810	682	0	34.2
DEC	2004	710	218	705	11720	13353	12941	26294	710	218	705	1633	11720	12941	26294	4580	698	0	34.1
JAN	2005	746	248	703	12021	13719	12829	26548	746	248	703	1697	12021	12829	26548	5350	721	0	33.9
												* * * * E F F E C T I V E S P A C E * * * *							
JAN	2005	746	248	703	12021	13719	12829	26548	509	248	431	1188	12021	12829	26039	5350	721	0	33.9
FEB	2005	778	294	713	12326	14111	12733	26844	538	294	441	1273	12326	12733	26333	1500	604	0	33.8
MAR	2005	798	346	712	12494	14351	12642	26993	555	346	439	1341	12494	12642	26478	1500	1025	0	33.4
APR	2005	799	414	663	12447	14322	13016	27338	551	414	386	1350	12447	13016	26813	1500	1125	0	33.3
MAY	2005	752	439	570	12235	13997	13521	27517	494	439	269	1203	12235	13521	26959	1500	965	0	34.5
JUN	2005	662	314	439	11245	12660	13681	26341	392	314	108	814	11245	13681	25740	1500	889	0	36.4

Date: December 9, 2003

From: Water Resource Group, Salt Lake City

To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Status

	November Inflow (unreg) (Acre-Feet)	Percent of Normal	Midnight December 8 Elevation	Reservoir Storage (Acre-Feet)
Fontenelle	27,000	63	6487.90	214,000
Flaming Gorge	28,000	50	6009.13	2,613,000
Blue Mesa	24,000	77	7460.43	374,000
Powell	353,000	65	3599.64	11,716,000
Navajo	24,000	68	5996.71	713,000

Expected Operation

FONTENELLE - Inflows to Fontenelle Reservoir have been averaging about 540 cfs over the first week of December which is about the average inflow for this time of year. Releases are currently 750 cfs and the reservoir elevation is decreasing at a rate of about 1 foot every 12 days. The current reservoir elevation is 6487.97 feet above sea level. With the projected inflows and releases over the next several months, the reservoir elevation will likely decline 15 to 20 feet between now and the beginning of March, 2004.

Open forum discussions on Fontenelle operations take place at the "Fontenelle Reservoir Working Group" meetings. The Working Group is a forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir. The public is encouraged to attend and express their concerns and interests with regard to Fontenelle Reservoir operation. The next Working Group meeting is scheduled for April 14th, 2004 at 10:00 a.m. and will at the Wyoming Fish and Game office located in Green River Wyoming. For more information about the Working Group, contact Ed Vidmar at 801-379-1182.

FLAMING GORGE - Inflows to Flaming Gorge Reservoir are currently averaging about 850 cfs for the first week of December while the unregulated inflow is averaging only 585 cfs (90% of normal). The reservoir elevation is currently 6009.17 feet above sea level and releases are steady at about 850 cfs. Releases will likely remain at the current level until spring of 2004.

The next "Flaming Gorge Working Group" meeting is to be held on April 15th, 2004 in Vernal, Utah at 10:00 a.m. at the Western Park Convention Center. The Working Group a forum for information exchange between Reclamation and all other parties associated with the operation of Flaming Gorge Reservoir. The public is encouraged to attend and express their concerns and interests with regard to the operation of Flaming Gorge Reservoir. For more information about the Working Group please contact Ed Vidmar at 801-379-1182.

ASPINALL – November unregulated inflow into Blue Mesa Reservoir was 24,000 acre-feet or 77 percent of average. Drought conditions still remain the controlling factor for water management throughout the region. Recorded precipitation during the month of November was 140 percent of normal. Average streamflow is still much below normal and will probably stay that way into next spring's runoff. It will take a winter of much above average snowfall to produce an average runoff since the soil moisture profiles are so depleted. The current inflow rate into Blue Mesa Reservoir is about 350 cfs and reservoir releases are averaging about 250 cfs. Blue Mesa's present elevation is 7460.43 feet, which corresponds to a storage content of about 374,000 acre-feet.

Releases from Crystal Dam are currently set at 325 cfs. The Gunnison Diversion Tunnel has been shut down for the winter season with the exception of some small 50 cfs diversions taken bi-weekly for the municipal water needs for the city of Montrose, Colorado. Due to the severity of the continuing drought in the Gunnison River Basin, river flows through the Black Canyon of the Gunnison have been set close to the minimum flow rate. Last year that rate was 250 cfs; currently we have the river flow at 325 cfs. Minimum flow rates between 250 to 350 cfs will remain in place through the rest of the fall and winter months.

On December 4, 2003, the National Weather Service's River Forecast Center issued the forecasted inflow over the next 3 months for continued below normal conditions. The unregulated inflow forecast for December, January, and February is 58,000 acre-feet which is 78% of normal for these months. Based on this forecast, Blue Mesa Reservoir elevation is estimated to increase about 1.35 feet to elevation 7461.78 feet or about 8,000 acre-feet by the end of February 2004.

The next meeting of the "Aspinall Unit Working Group" will be on Thursday, January 22, 2004 at 1:00 PM in Montrose, Colorado. At this meeting, review of last summer and fall reservoir operations, and plans for next winter and spring 2004 operations will be discussed. These meetings are open forum discussions on the Aspinall Unit reservoir operations with many interested groups participating. Anyone needing further information about these meetings should contact Dan Crabtree in the Grand Junction Area Office at (970) 248-0652.

NAVAJO – Reclamation decreased the release from Navajo Reservoir from 400 cubic feet per second (cfs) to 250 cfs, on Monday, November 3, 2003. All reservoir releases are made for the authorized purposes of the Navajo Unit, and to attempt to maintain a target base flow through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell).

Based upon current hydrological conditions and historical hydrologic data, the target base flow should remain above 440 cfs through the critical habitat area. The target base flow is calculated as the weekly average of gauged flows throughout the critical habitat area, therefore daily flows of less than 440 cfs may occur at some gages.

This scheduled release is subject to changes in river flows and weather conditions.

Inflow into Navajo Reservoir continues to be extremely low. The current reservoir inflow is averaging about 250 cfs. Presently, the reservoir water surface elevation is 5996.71 feet, which corresponds to a storage content of about 713,000 acre-feet. The monthly precipitation average in

the basin above Bluff was 120 percent of average for November. Unregulated reservoir inflow for November was 24,000 acre-feet, or 68 percent of average.

The December 1, 2003 forecasted inflow over the next 3 months is for continued below normal conditions. The unregulated inflow forecast for December, January, and February is 52,000 acre-feet which is 66% of normal for these months. Based on this forecast, the reservoir elevation is estimated to decline about 0.7 feet to elevation 5996.02 feet by the end of February 2004.

A public meeting on Navajo Reservoir operations will be held on Tuesday, January 20, 2004 starting at 1:00 PM in Farmington, New Mexico. At this meeting, review of last summer and fall reservoir operations, and plans for next winter and spring 2004 operations will be discussed. These are open forum discussions on the operation of Navajo Reservoir with many interested groups participating. Anyone interested in the general operation of the reservoir is encouraged to attend. Please contact Pat Page in Reclamation's Durango, Colorado Office at (970) 385-6560 for information about these meetings or the daily operation of Navajo Reservoir.

Glen Canyon Dam - Lake Powell

Operations

Releases from Glen Canyon Dam in December will be higher than November. In December, releases will average 9,800 cfs with a total of 600,000 acre-feet scheduled to be released. On Mondays through Saturdays in December, daily fluctuations due to load following will likely vary between a low of 6,500 cfs (during late evening and early morning off-peak hours) to a high of 12,500 cfs (during late afternoon and early evening on-peak hours). On Sundays, releases will likely vary between 6,500 cfs (during off-peak hours), and 8,000 cfs (during on-peak hours).

Releases from Glen Canyon Dam in January of 2004 are currently scheduled to be 788,000 acre-feet, which is an average of 12,800 cfs. Releases in January will be part of the ongoing experimental flows (described below). The fluctuation range will be greater than under normal operations, ranging from a low of 5,000 cfs to a high of 20,000 cfs.

Because of the draw down condition of Lake Powell, releases from Lake Powell in water year 2004 are being scheduled to meet the minimum release objective of 8.23 million acre-feet. This is consistent with the requirements of the Criteria for Coordinated Long-Range Operation of Colorado River Reservoirs.

Experimental Flows

Daily high fluctuating releases from Glen Canyon Dam, as part of the Glen Canyon Dam experimental flows, were implemented from January through March 2003, when releases ranged between a high of 20,000 cfs to a low of 5,000 cfs each day. These same high fluctuating releases are scheduled to be repeated in January through March of 2004.

The January through March high fluctuating releases are intended to benefit the endangered humpback chub. Scientists have recognized that the humpback chub population has been in general

decline since highly fluctuating flows were curtailed in November of 1991. Those flows helped keep the non-native fish, especially the rainbow and brown trout, in check. The trout are thought to prey upon and compete with native fish such as the endangered humpback chub.

The experimental flows from Glen Canyon Dam received environmental clearances in December 2002. The flows were analyzed in an environmental assessment in accordance with the National Environmental Policy Act. The experimental flows are the result of ongoing studies by scientists from the United States Geological Survey and were recommended by the Glen Canyon Dam Adaptive Management Work Group, a Federal advisory committee. The experimental flows address the decline of two key resources in the Grand Canyon: sediment and population viability of endangered humpback chub. The Finding of No Significant Impact on the experimental flows can be found at http://www.uc.usbr.gov/amp/flow_fonsi.pdf.

Basin Hydrology

Severe drought conditions in the Colorado River Basin continue. As we move into a new water year there are really no signals of the drought easing. Water year 2004 began on October 1, 2003 and the first month of the new water year was much warmer and drier than average. Basinwide precipitation in October was only 35 percent of average. November has been more favorable with cooler wetter conditions predominating. Basinwide snowpack is currently at 104 percent of average as of November 26, 2003. Soil moisture levels throughout the basin are very low, however, and the November snow has fallen upon very dry soils. This scenario is not favorable for next spring's runoff, as much of the melting snow will be absorbed by the dry soil. Reclamation is estimating that with average snowpack conditions this winter, runoff next spring would be about 75 percent of average.

The Colorado River Basin is now in its 5th year of drought. Inflow volumes have been below average for 4 consecutive years. Unregulated inflow in water year 2003 was only 53 percent of average. Unregulated inflow in 2000, 2001 and 2002 was 62, 59, and 25 percent of average, respectively. Inflow in 2002 was the lowest ever observed since the completion of Glen Canyon Dam in 1963.

The trend of low inflow continues. Unregulated inflow in November, 2003 will end up being only about 64 percent of average. As of November 25, 2003 observed inflow to Lake Powell is 5,700 cfs, about 55 percent of what is usually seen in late November.

Low inflows have reduced water storage in Lake Powell. The current elevation of Lake Powell is 3,600.9 feet (99.1 feet from full pool). Current storage is approximately 11.8 million acre-feet (49 percent of capacity). The good news is that even after 4 years of severe drought Lake Powell is still storing a large volume of water (nearly 12 million acre-feet).

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-280
125 SOUTH STATE STREET, ROOM 6107
SALT LAKE CITY, UT 84138-1102
PHONE 801-524-5571

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RUNOFF PROJECTIONS AND INFLOW INFORMATION INTO UPPER BASIN RESERVOIR PROVIDED BY THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICE'S COLORADO BASIN RIVER FORECAST CENTER ARE AS FOLLOWS

:	Obs				Forecast			
:	aug	sep	oct	nov	%Avg	dec	jan	feb
GLDA3:Lake Powell	137	454	306	353	65%:	325/	325/	350/
GBRW4:Fontenelle	35	30	27	27	63%:	23/	20/	20/
GRNU1:Flaming Gorge	33	26	24	28	50%:	25/	20/	20/
BMDC2:Blue Mesa	33	45	27	24	77%:	20/	20/	18/
CLSC2:Crystal	42	52	32	30	75%:	25/	25/	23/
VCRC2:Vallecito	10.8	17	6.4	6.1	72%:	5/	4/	4/
NVRN5:Navajo	2.4	49	14	24	68%:	16/	15/	21/

: ** UNREGULATED CRYSTAL INFLOW COMBINES BLUE MESA UNREGULATED
: INFLOW PLUS THE SIDE INFLOW TO BOTH MORROW POINT AND CRYSTAL

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T E M R E S E R V O I R S

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Fontenelle Reservoir

		Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Dec 2002	26	1	40	0	40	6487.79	213
H	Jan 2003	25	1	40	0	40	6485.33	198
I	Feb 2003	24	1	36	0	36	6483.23	185
S	Mar 2003	59	1	58	0	58	6483.32	186
T	Apr 2003	56	1	83	4	87	6477.50	154
O	May 2003	76	1	74	13	87	6475.15	142
R	Jun 2003	189	2	63	0	63	6495.52	266
I	Jul 2003	69	2	46	0	46	6498.43	287
C	Aug 2003	35	2	47	0	47	6496.53	273
A	Sep 2003	31	2	46	0	46	6494.31	258
	WY 2003	653	16	598	31	629		
L	Oct 2003	27	1	29	17	46	6491.32	237
*	Nov 2003	27	1	41	5	46	6488.45	218
	Dec 2003	23	1	46	0	46	6484.78	195
	Jan 2004	20	1	46	0	46	6480.21	168
	Feb 2004	20	1	42	0	42	6475.80	145
	Mar 2004	37	0	64	0	64	6469.73	118
	Apr 2004	70	1	91	0	91	6464.31	96
	May 2004	153	1	96	0	96	6477.20	152
	Jun 2004	278	2	101	34	135	6499.25	293
	Jul 2004	166	3	101	14	115	6505.49	342
	Aug 2004	72	2	100	0	100	6501.62	311
	Sep 2004	41	2	65	0	65	6498.19	285
	WY 2004	934	16	822	70	892		
	Oct 2004	47	1	67	0	67	6495.27	264
	Nov 2004	39	1	65	0	65	6491.44	238
	Dec 2004	30	1	67	0	67	6485.65	200
	Jan 2005	28	1	67	0	67	6478.79	160
	Feb 2005	26	0	60	0	60	6471.57	126
	Mar 2005	47	0	70	0	70	6465.90	102
	Apr 2005	84	1	90	0	90	6464.18	96
	May 2005	176	1	96	24	120	6476.91	151
	Jun 2005	320	2	101	74	175	6499.32	294
	Jul 2005	192	3	101	39	140	6505.67	343
	Aug 2005	83	2	80	0	80	6505.76	344
	Sep 2005	48	2	72	0	72	6502.47	318
	WY 2005	1120	15	936	137	1073		
	Oct 2005	52	1	67	0	67	6500.30	301
	Nov 2005	43	1	65	0	65	6497.25	279

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Flaming Gorge Reservoir

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Yampa Flow 1000 Ac-Ft	Jensen Flow 1000 Ac-Ft
*	Dec 2002	22	36	2	50	0	50	68	6009.71	2632	0	72
H	Jan 2003	30	45	1	49	0	49	68	6009.50	2625	0	80
I	Feb 2003	32	43	2	57	0	57	67	6009.04	2610	0	79
S	Mar 2003	78	77	3	52	0	52	68	6009.69	2631	0	131
T	Apr 2003	66	96	4	49	0	49	70	6010.98	2673	0	219
O	May 2003	99	119	7	140	0	140	69	6010.17	2647	0	590
R	Jun 2003	244	111	9	63	0	63	70	6011.30	2684	0	506
I	Jul 2003	72	48	11	50	0	50	70	6010.90	2670	0	102
C	Aug 2003	33	44	11	52	0	52	69	6010.36	2653	0	65
A	Sep 2003	26	40	9	50	0	50	68	6009.81	2635	0	65
	WY 2003	764	737	68	710	0	710					2047
L	Oct 2003	23	43	6	52	0	52	68	6009.38	2621	0	67
*	Nov 2003	28	46	3	51	0	51	67	6009.17	2614	0	79
	Dec 2003	25	48	1	49	0	49	67	6009.14	2614	0	49
	Jan 2004	20	46	1	49	0	49	67	6009.00	2610	0	49
	Feb 2004	20	42	2	44	0	44	67	6008.89	2606	0	44
	Mar 2004	57	84	4	49	0	49	68	6009.82	2636	0	49
	Apr 2004	103	124	6	48	0	48	70	6011.92	2704	0	48
	May 2004	236	179	9	125	0	125	72	6013.24	2748	0	125
	Jun 2004	367	224	11	146	0	146	74	6015.16	2812	0	146
	Jul 2004	202	151	12	61	0	61	76	6017.36	2888	0	61
	Aug 2004	84	112	9	61	0	61	78	6018.53	2928	0	61
	Sep 2004	51	75	8	60	0	60	78	6018.72	2935	0	60
	WY 2004	1216	1174	72	795	0	795					838
	Oct 2004	59	79	5	61	0	61	78	6019.09	2948	0	61
	Nov 2004	50	76	2	60	0	60	79	6019.47	2961	0	60
	Dec 2004	36	73	2	61	0	61	79	6019.76	2971	0	61
	Jan 2005	41	80	2	61	0	61	80	6020.23	2988	0	61
	Feb 2005	45	79	2	56	0	56	80	6020.81	3008	0	56
	Mar 2005	97	120	4	61	0	61	82	6022.29	3061	0	61
	Apr 2005	141	147	7	60	0	60	85	6024.42	3139	0	60
	May 2005	273	217	10	160	0	160	86	6025.66	3185	0	160
	Jun 2005	423	278	13	185	0	185	89	6027.74	3262	0	185
	Jul 2005	233	181	14	117	0	117	90	6029.02	3311	0	117
	Aug 2005	97	94	10	117	0	117	89	6028.18	3279	0	117
	Sep 2005	59	83	9	114	0	114	88	6027.16	3241	0	114
	WY 2005	1554	1507	80	1113	0	1113					1113
	Oct 2005	65	80	5	61	0	61	89	6027.52	3254	0	61
	Nov 2005	56	78	2	60	0	60	89	6027.91	3269	0	60

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Taylor Park Reservoir

		Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Dec 2002	3	3	9288.42	41
H	Jan 2003	3	3	9287.57	40
I	Feb 2003	3	3	9287.04	40
S	Mar 2003	3	4	9286.61	39
T	Apr 2003	7	4	9289.66	42
O	May 2003	29	8	9305.60	63
R	Jun 2003	31	13	9316.66	81
I	Jul 2003	9	15	9313.21	75
C	Aug 2003	6	14	9308.70	68
A	Sep 2003	8	7	9309.00	68
	WY 2003	109	81		
L	Oct 2003	5	4	9309.72	69
*	Nov 2003	4	3	9310.47	71
	Dec 2003	4	3	9310.81	71
	Jan 2004	3	3	9311.09	72
	Feb 2004	3	3	9311.12	72
	Mar 2004	3	3	9311.37	72
	Apr 2004	7	6	9311.74	73
	May 2004	21	14	9316.08	80
	Jun 2004	36	18	9325.61	97
	Jul 2004	17	18	9325.25	97
	Aug 2004	8	18	9319.97	87
	Sep 2004	6	14	9315.15	78
	WY 2004	117	107		
	Oct 2004	6	8	9313.92	76
	Nov 2004	5	3	9314.86	78
	Dec 2004	4	3	9315.51	79
	Jan 2005	4	3	9316.03	80
	Feb 2005	3	3	9316.26	80
	Mar 2005	4	6	9315.04	78
	Apr 2005	8	12	9312.41	74
	May 2005	25	18	9316.32	80
	Jun 2005	41	21	9327.09	100
	Jul 2005	20	22	9326.07	98
	Aug 2005	9	20	9320.41	88
	Sep 2005	6	16	9314.98	78
	WY 2005	135	135		
	Oct 2005	7	8	9314.10	77
	Nov 2005	5	6	9313.58	76

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T E M R E S E R V O I R S

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Blue Mesa Reservoir

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Dec 2002	17	18	0	13	0	13	7444.59	283
H	Jan 2003	17	18	0	11	0	11	7446.05	291
I	Feb 2003	16	17	0	15	0	15	7446.30	292
S	Mar 2003	27	27	0	9	0	9	7449.60	310
T	Apr 2003	42	39	0	50	0	50	7447.48	299
O	May 2003	174	155	1	42	0	42	7466.19	411
R	Jun 2003	170	150	1	48	0	48	7480.76	512
I	Jul 2003	43	49	1	101	0	101	7473.26	458
C	Aug 2003	33	40	1	93	0	93	7465.29	405
A	Sep 2003	45	45	1	62	0	62	7462.45	387
	WY 2003	631	606	5	489	0	489		
L	Oct 2003	26	25	0	47	0	47	7458.78	364
*	Nov 2003	23	22	0	16	0	16	7459.81	370
	Dec 2003	20	19	0	16	0	16	7460.47	374
	Jan 2004	20	20	0	15	0	15	7461.18	379
	Feb 2004	18	18	0	14	0	14	7461.78	382
	Mar 2004	27	27	0	16	0	16	7463.40	393
	Apr 2004	59	58	1	28	0	28	7467.99	422
	May 2004	170	163	1	23	0	23	7487.38	561
	Jun 2004	228	211	1	29	0	29	7509.47	741
	Jul 2004	105	106	2	87	0	87	7511.50	759
	Aug 2004	51	61	1	101	0	101	7506.72	718
	Sep 2004	29	37	1	94	0	94	7499.86	660
	WY 2004	776	767	7	486	0	486		
	Oct 2004	33	35	1	70	0	70	7495.49	625
	Nov 2004	29	27	0	41	0	41	7493.82	611
	Dec 2004	23	22	0	52	0	52	7489.97	581
	Jan 2005	23	22	0	80	0	80	7482.32	523
	Feb 2005	21	21	0	72	0	72	7475.17	471
	Mar 2005	32	34	0	82	0	82	7468.19	424
	Apr 2005	68	72	1	87	0	87	7465.95	409
	May 2005	196	189	1	43	0	43	7486.50	554
	Jun 2005	263	243	1	28	0	28	7512.54	768
	Jul 2005	121	123	2	87	0	87	7516.40	802
	Aug 2005	59	70	1	101	0	101	7512.75	770
	Sep 2005	33	43	1	102	0	102	7505.83	710
	WY 2005	901	901	8	845	0	845		
	Oct 2005	37	39	1	82	0	82	7500.58	666
	Nov 2005	32	33	0	75	0	75	7495.34	624

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Morrow Point Reservoir

		Unreg Inflow 1000 Ac-Ft	Blue_Mesa Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Evap losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Dec 2002	18	13	1	14	0	13	0	13	7150.72	110
H	Jan 2003	19	11	1	13	0	12	0	12	7151.64	110
I	Feb 2003	18	15	2	17	0	15	0	15	7154.46	113
S	Mar 2003	29	9	3	12	0	16	0	16	7148.63	108
T	Apr 2003	48	50	7	57	0	52	0	52	7154.64	113
O	May 2003	188	42	14	56	0	54	0	54	7157.73	115
R	Jun 2003	180	48	10	58	0	59	0	59	7157.05	115
I	Jul 2003	46	101	3	104	0	106	0	106	7154.89	113
C	Aug 2003	36	93	3	95	0	97	0	97	7152.55	111
A	Sep 2003	47	62	2	64	0	64	0	64	7153.42	112
	WY 2003	678	489	48	537	0	530	0	530		
L	Oct 2003	28	47	2	49	0	52	0	52	7149.88	109
*	Nov 2003	25	16	2	18	0	16	0	16	7151.87	111
	Dec 2003	22	16	2	18	0	16	0	16	7153.73	112
	Jan 2004	22	15	2	17	0	17	0	17	7153.73	112
	Feb 2004	20	14	2	16	0	16	0	16	7153.73	112
	Mar 2004	30	16	3	19	0	19	0	19	7153.73	112
	Apr 2004	66	28	7	35	0	35	0	35	7153.73	112
	May 2004	193	23	23	46	0	46	0	46	7153.73	112
	Jun 2004	246	29	18	47	0	47	0	47	7153.73	112
	Jul 2004	110	87	5	91	0	92	0	92	7153.73	112
	Aug 2004	53	101	2	103	0	103	0	103	7153.73	112
	Sep 2004	30	94	1	95	0	95	0	95	7153.73	112
	WY 2004	845	486	69	554	0	554	0	554		
	Oct 2004	35	70	2	72	0	72	0	72	7153.73	112
	Nov 2004	31	41	2	42	0	43	0	43	7153.73	112
	Dec 2004	25	52	2	54	0	54	0	54	7153.73	112
	Jan 2005	24	80	1	81	0	81	0	81	7153.73	112
	Feb 2005	23	72	2	74	0	74	0	74	7153.73	112
	Mar 2005	35	82	3	84	0	85	0	85	7153.73	112
	Apr 2005	77	87	9	96	0	96	0	96	7153.73	112
	May 2005	222	43	26	69	0	69	0	69	7153.73	112
	Jun 2005	284	28	21	49	0	49	0	49	7153.73	112
	Jul 2005	127	87	6	93	0	93	0	93	7153.73	112
	Aug 2005	61	101	2	103	0	103	0	103	7153.73	112
	Sep 2005	35	102	2	103	0	104	0	104	7153.73	112
	WY 2005	979	845	78	920	0	923	0	923		
	Oct 2005	39	82	2	84	0	84	0	84	7153.73	112
	Nov 2005	34	75	2	77	0	77	0	77	7153.73	112

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Crystal Reservoir

	unreg Inflow 1000 Ac-Ft	Morrow Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Tunnel Flow 1000 Ac-Ft	Below_tunnel Flow 1000 Ac-Ft
* Dec 2002	21	13	2	16	1	14	15	6742.41	14	1	16
H Jan 2003	22	12	3	15	2	14	16	6740.21	13	1	17
I Feb 2003	21	15	3	18	0	15	15	6752.71	17	0	14
S Mar 2003	34	16	4	20	10	11	21	6750.34	16	5	16
T Apr 2003	56	52	7	59	59	0	59	6752.87	17	43	16
O May 2003	206	54	18	72	72	0	72	6752.51	17	49	24
R Jun 2003	196	59	16	75	77	1	78	6740.47	13	48	34
I Jul 2003	52	106	6	111	108	1	109	6748.44	16	63	48
C Aug 2003	42	97	6	103	102	0	102	6752.65	17	62	0
A Sep 2003	52	64	5	68	70	0	70	6744.61	15	46	27
WY 2003	756	530	76	605	522	86	608			318	229
L Oct 2003	32	52	4	56	27	28	55	6746.98	15	34	22
* Nov 2003	29	16	4	20	0	20	20	6747.86	16	0	20
Dec 2003	25	16	3	20	0	20	20	6746.05	15	0	20
Jan 2004	25	17	3	20	0	20	20	6746.05	15	0	20
Feb 2004	23	16	3	19	0	19	19	6746.05	15	0	19
Mar 2004	36	19	6	25	0	25	25	6746.05	15	5	20
Apr 2004	81	35	15	50	50	0	50	6746.05	15	30	20
May 2004	233	46	40	86	86	0	86	6746.05	15	55	31
Jun 2004	295	47	49	96	96	0	96	6746.05	15	60	36
Jul 2004	130	92	20	111	112	0	112	6746.05	15	65	46
Aug 2004	64	103	11	114	114	0	114	6746.05	15	65	49
Sep 2004	38	95	8	103	103	0	103	6746.05	15	55	48
WY 2004	1011	554	166	720	588	132	720			369	351
Oct 2004	42	72	7	79	79	0	79	6746.05	15	30	49
Nov 2004	36	43	5	47	48	0	48	6746.05	15	0	47
Dec 2004	30	54	5	59	59	0	59	6746.05	15	0	59
Jan 2005	29	81	5	86	86	0	86	6746.05	15	0	86
Feb 2005	27	74	4	78	78	0	78	6746.05	15	0	78
Mar 2005	42	85	7	91	92	0	92	6746.05	15	5	87
Apr 2005	94	96	17	113	112	1	113	6746.05	15	30	82
May 2005	269	69	47	116	116	0	116	6746.05	15	55	61
Jun 2005	340	49	56	105	105	0	105	6746.05	15	60	45
Jul 2005	150	93	23	116	116	0	116	6746.05	15	65	51
Aug 2005	74	103	13	116	116	0	116	6746.05	15	65	51
Sep 2005	44	104	9	113	112	1	113	6746.05	15	55	57
WY 2005	1177	923	198	1119	1119	2	1121			365	753
Oct 2005	47	84	8	92	92	0	92	6746.05	15	30	62
Nov 2005	40	77	6	83	83	0	83	6746.05	15	0	83

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Vallecito Reservoir

		Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Dec 2002	4	0	7622.37	32
H	Jan 2003	3	0	7624.24	35
I	Feb 2003	3	0	7625.98	38
S	Mar 2003	5	0	7628.62	42
T	Apr 2003	14	0	7635.63	55
O	May 2003	53	29	7646.68	79
R	Jun 2003	30	40	7641.61	68
I	Jul 2003	9	36	7627.82	41
C	Aug 2003	11	26	7616.93	25
A	Sep 2003	17	6	7624.58	36
	WY 2003	163	142		
L	Oct 2003	6	4	7625.86	38
*	Nov 2003	6	0	7629.25	43
	Dec 2003	5	0	7631.83	48
	Jan 2004	4	0	7633.77	52
	Feb 2004	4	0	7635.65	56
	Mar 2004	6	1	7638.27	61
	Apr 2004	17	13	7640.13	65
	May 2004	52	43	7644.37	74
	Jun 2004	64	42	7653.83	97
	Jul 2004	27	36	7650.15	88
	Aug 2004	15	30	7643.61	72
	Sep 2004	13	20	7640.17	65
	WY 2004	219	189		
	Oct 2004	13	4	7644.10	73
	Nov 2004	8	4	7645.91	78
	Dec 2004	5	5	7646.08	78
	Jan 2005	5	4	7646.30	78
	Feb 2005	5	4	7646.51	79
	Mar 2005	7	4	7647.88	82
	Apr 2005	19	22	7646.56	79
	May 2005	60	43	7653.75	96
	Jun 2005	74	42	7665.92	128
	Jul 2005	32	43	7661.65	117
	Aug 2005	17	43	7651.48	91
	Sep 2005	14	16	7650.82	89
	WY 2005	259	234		
	Oct 2005	14	12	7651.65	91
	Nov 2005	9	4	7653.68	96

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Navajo Reservoir

		Mod_Unreg Inflow 1000 Ac-Ft	Azetea Tunnel_Div 1000 Ac-Ft	Reg Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	NIIP Diversion 1000 ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Farm Flow 1000 Ac-Ft
*	Dec 2002	13	0	9	0	0	22	6010.55	827	42
H	Jan 2003	13	0	10	0	0	22	6009.14	815	39
I	Feb 2003	15	0	12	0	0	20	6008.15	806	35
S	Mar 2003	39	1	34	1	4	22	6008.99	813	44
T	Apr 2003	71	11	48	2	16	21	6010.10	823	41
O	May 2003	163	26	115	2	26	25	6016.96	884	97
R	Jun 2003	81	19	68	3	36	29	6017.05	885	87
I	Jul 2003	-9	1	17	3	41	58	6007.43	800	53
C	Aug 2003	2	1	19	2	33	43	6000.18	740	49
A	Sep 2003	48	3	35	2	15	24	5999.45	734	0
	WY 2003	479	62	400	17	183	338			536
L	Oct 2003	14	0	12	1	7	27	5996.50	711	33
*	Nov 2003	24	0	18	1	0	16	5996.73	713	36
	Dec 2003	16	0	11	0	0	15	5996.18	709	15
	Jan 2004	15	0	11	0	0	15	5995.62	704	15
	Feb 2004	21	0	17	0	0	14	5996.02	707	14
	Mar 2004	63	1	57	1	5	15	6000.60	744	15
	Apr 2004	127	14	109	1	24	15	6008.89	812	15
	May 2004	215	31	175	2	31	15	6022.91	939	15
	Jun 2004	200	32	146	3	43	15	6031.54	1024	15
	Jul 2004	66	9	66	3	48	28	6030.22	1011	28
	Aug 2004	35	3	48	2	43	36	6026.78	977	36
	Sep 2004	31	1	38	2	19	23	6026.18	971	23
	WY 2004	827	91	708	16	220	234			260
	Oct 2004	40	1	30	1	12	22	6025.76	967	22
	Nov 2004	32	0	28	1	1	21	6026.33	972	21
	Dec 2004	23	0	22	0	0	22	6026.38	973	22
	Jan 2005	21	0	21	0	0	31	6025.27	962	31
	Feb 2005	28	0	28	0	0	28	6025.17	961	28
	Mar 2005	80	1	76	1	4	31	6029.22	1001	31
	Apr 2005	153	14	142	2	21	30	6037.81	1089	30
	May 2005	248	31	200	3	28	59	6047.84	1200	59
	Jun 2005	231	32	167	3	39	120	6048.27	1205	120
	Jul 2005	76	9	78	4	44	40	6047.49	1196	40
	Aug 2005	41	3	64	3	43	34	6046.14	1181	34
	Sep 2005	36	1	37	2	19	30	6044.86	1166	30
	WY 2005	1009	92	893	20	211	468			468
	Oct 2005	44	1	41	1	12	31	6044.60	1163	31
	Nov 2005	35	0	30	1	1	30	6044.46	1162	30

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Lake Powell

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Bank Storage 1000 Ac-Ft	EOM Storage 1000 Ac-Ft	Lees Ferry 1000 Ac-Ft
*	Dec 2002	252	279	24	602	0	602	3620.10	19151	13774	610
H	Jan 2003	236	264	16	784	0	784	3615.28	19120	13269	798
I	Feb 2003	262	281	17	714	0	714	3611.02	19106	12833	727
S	Mar 2003	413	376	15	786	0	786	3607.13	19071	12444	794
T	Apr 2003	409	387	22	601	0	601	3605.10	19035	12243	605
O	May 2003	1156	1054	29	652	0	652	3610.26	18895	12756	662
R	Jun 2003	2003	1644	44	842	0	842	3616.20	19045	13365	872
I	Jul 2003	350	447	45	900	0	900	3610.63	19117	12794	925
C	Aug 2003	137	292	50	902	0	902	3604.21	19096	12156	924
A	Sep 2003	454	490	47	473	0	473	3603.73	19113	12110	0
	WY 2003	6358	6270	368	8228	0	8228				7900
L	Oct 2003	306	378	27	490	0	490	3601.93	19148	11935	500
*	Nov 2003	352	364	23	475	0	475	3600.48	19154	11796	483
	Dec 2003	325	343	25	600	0	600	3597.74	19133	11535	0
	Jan 2004	325	349	18	788	0	788	3593.19	19099	11112	0
	Feb 2004	350	363	17	712	0	712	3589.48	19072	10773	0
	Mar 2004	540	479	21	788	0	788	3586.06	19047	10468	0
	Apr 2004	786	626	23	600	0	600	3586.08	19047	10470	0
	May 2004	1797	1401	32	650	0	650	3593.44	19101	11135	0
	Jun 2004	2403	1873	39	800	0	800	3603.55	19177	12092	0
	Jul 2004	1215	1075	45	925	0	925	3604.54	19185	12189	0
	Aug 2004	478	552	46	925	0	925	3600.53	19154	11801	0
	Sep 2004	371	456	40	476	0	476	3599.96	19150	11746	0
	WY 2004	9248	8259	356	8229	0	8229				983
	Oct 2004	502	535	36	492	0	492	3600.03	19150	11753	0
	Nov 2004	496	507	30	476	0	476	3600.05	19150	11754	0
	Dec 2004	396	449	25	492	0	492	3599.38	19145	11691	0
	Jan 2005	365	452	19	850	0	850	3595.28	19114	11306	0
	Feb 2005	379	441	17	650	0	650	3593.02	19098	11096	0
	Mar 2005	597	566	21	600	0	600	3592.47	19094	11045	0
	Apr 2005	887	737	24	600	0	600	3593.60	19102	11150	0
	May 2005	2074	1677	34	650	0	650	3603.32	19175	12069	0
	Jun 2005	2773	2260	41	800	0	800	3616.38	19281	13383	0
	Jul 2005	1402	1269	49	910	0	910	3619.12	19303	13670	0
	Aug 2005	552	653	50	910	0	910	3616.40	19281	13385	0
	Sep 2005	428	565	43	800	0	800	3613.91	19260	13128	0
	WY 2005	10851	10111	389	8230	0	8230				0
	Oct 2005	557	598	38	600	0	600	3613.55	19257	13091	0
	Nov 2005	550	593	32	600	0	600	3613.20	19254	13055	0

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Hoover Dam - Lake Mead

		Glen Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	SNWP Use 1000 Ac-Ft	Dwnstrm Reqmnts 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
*	Dec 2002	602	51	50	731	11.9	13	729	1087	1152.13	16718
H	Jan 2003	784	66	41	651	10.6	13	646	1095	1153.33	16854
I	Feb 2003	714	77	38	608	10.9	11	580	1104	1154.42	16978
S	Mar 2003	786	72	42	957	15.6	16	949	1094	1153.09	16826
T	Apr 2003	601	34	52	1138	19.1	21	1126	1059	1148.27	16287
O	May 2003	652	29	58	1017	16.5	24	1013	1033	1144.68	15893
R	Jun 2003	842	5	69	918	15.4	31	917	1023	1143.19	15733
I	Jul 2003	900	39	86	964	15.7	33	964	1014	1141.93	15598
C	Aug 2003	902	118	91	744	12.1	31	743	1023	1143.27	15741
A	Sep 2003	473	81	75	584	9.8	26	581	1015	1142.12	15618
	WY 2003	8228	656	719	9462		268	9384			
L	Oct 2003	490	21	54	539	8.8	26	537	1009	1141.17	15517
*	Nov 2003	475	58	54	637	10.7	32	663	997	1139.48	15337
	Dec 2003	600	77	47	664	10.8	19	664	994	1139.02	15289
	Jan 2004	788	73	38	623	10.1	13	623	1005	1140.68	15464
	Feb 2004	712	98	35	774	13.5	12	774	1004	1140.58	15453
	Mar 2004	788	84	39	940	15.3	20	940	997	1139.44	15333
	Apr 2004	600	58	48	1098	18.4	25	1098	965	1134.84	14852
	May 2004	650	78	55	1021	16.6	32	1021	942	1131.38	14495
	Jun 2004	800	39	65	864	14.5	32	864	935	1130.26	14380
	Jul 2004	925	68	81	886	14.4	32	886	934	1130.20	14375
	Aug 2004	925	83	87	807	13.1	32	807	939	1130.96	14452
	Sep 2004	476	71	71	588	9.9	30	588	931	1129.65	14319
	WY 2004	8229	808	674	9441		305	9464			
	Oct 2004	492	62	52	341	5.5	30	341	939	1130.86	14441
	Nov 2004	476	60	52	678	11.4	21	678	926	1128.88	14240
	Dec 2004	492	77	44	657	10.7	16	657	917	1127.49	14100
	Jan 2005	850	73	36	727	11.8	13	727	925	1128.86	14238
	Feb 2005	650	98	33	636	11.4	12	636	930	1129.47	14301
	Mar 2005	600	84	37	991	16.1	20	991	907	1126.08	13959
	Apr 2005	600	58	46	1087	18.3	25	1087	877	1121.34	13489
	May 2005	650	78	52	990	16.1	32	990	856	1117.99	13165
	Jun 2005	800	39	62	894	15.0	32	894	847	1116.55	13026
	Jul 2005	910	68	77	853	13.9	32	853	848	1116.71	13042
	Aug 2005	910	83	82	754	12.3	32	754	855	1117.93	13159
	Sep 2005	800	71	68	611	10.3	30	611	865	1119.50	13311
	WY 2005	8230	851	641	9219		295	9218			
	Oct 2005	600	62	50	440	7.2	30	440	874	1120.89	13445
	Nov 2005	600	60	50	671	11.3	21	671	869	1120.09	13369

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Davis Dam - Lake Mohave

	Hoover Release 1000 Ac-Ft	Side inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Spill Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
* Dec 2002	731	-23	544	0	544	8.9	642.27	1679
H Jan 2003	651	-17	608	0	608	9.9	643.24	1705
I Feb 2003	608	-13	572	0	572	10.3	644.08	1728
S Mar 2003	957	-19	980	0	980	15.9	642.53	1686
T Apr 2003	1138	-30	1108	0	1108	18.6	642.53	1686
O May 2003	1017	-33	955	0	955	15.5	643.60	1715
R Jun 2003	918	-32	905	0	905	15.2	642.89	1696
I Jul 2003	964	-31	886	0	886	14.4	644.60	1743
C Aug 2003	744	-23	723	0	723	11.8	644.48	1739
A Sep 2003	584	-20	660	0	660	11.1	640.95	1643
WY 2003	9462	-256	9135	0	9135			
L Oct 2003	539	-7	706	0	706	11.5	634.31	1468
* Nov 2003	637	-11	568	0	568	9.5	636.53	1526
Dec 2003	664	-28	517	0	517	8.4	641.00	1644
Jan 2004	623	-32	578	0	578	9.4	641.50	1658
Feb 2004	774	-26	707	0	707	12.3	643.01	1699
Mar 2004	940	-29	911	0	911	14.8	643.01	1699
Apr 2004	1098	-36	1062	0	1062	17.8	643.01	1699
May 2004	1021	-33	988	0	988	16.1	643.01	1699
Jun 2004	864	-28	864	0	864	14.5	642.00	1671
Jul 2004	886	-29	870	0	870	14.2	641.50	1658
Aug 2004	807	-35	772	0	772	12.6	641.50	1658
Sep 2004	588	-31	650	0	650	10.9	638.00	1564
WY 2004	9441	-325	9193	0	9193			
Oct 2004	341	-30	504	0	504	8.2	630.49	1371
Nov 2004	678	-28	561	0	561	9.4	634.00	1460
Dec 2004	657	-28	506	0	506	8.2	638.71	1583
Jan 2005	727	-32	612	0	612	10.0	641.80	1666
Feb 2005	636	-26	577	0	577	10.4	643.01	1699
Mar 2005	991	-29	962	0	962	15.6	643.01	1699
Apr 2005	1087	-36	1051	0	1051	17.7	643.01	1699
May 2005	990	-33	957	0	957	15.6	643.01	1699
Jun 2005	894	-28	893	0	893	15.0	642.00	1671
Jul 2005	853	-29	837	0	837	13.6	641.50	1658
Aug 2005	754	-35	719	0	719	11.7	641.50	1658
Sep 2005	611	-31	673	0	673	11.3	638.00	1564
WY 2005	9219	-365	8852	0	8852			
Oct 2005	440	-30	603	0	603	9.8	630.49	1371
Nov 2005	671	-28	554	0	554	9.3	634.00	1460

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T E M R E S E R V O I R S

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Parker Dam - Lake Havasu

		Davis Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	MWD Diversion 1000 Ac-Ft	CAP diversion 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft	Flow_to Mexico 1000 Ac-Ft	Flow_to Mexico 1000 CFS
*	Dec 2002	544	4	322	5.2	110	128	446.21	547	122	2.0
H	Jan 2003	608	-2	378	6.1	58	179	445.69	537	134	2.2
I	Feb 2003	572	13	376	6.8	6	167	447.62	573	181	3.3
S	Mar 2003	980	-13	728	11.8	82	188	445.89	541	207	3.4
T	Apr 2003	1108	1	800	13.4	82	176	448.60	592	205	3.4
O	May 2003	955	49	709	11.5	53	184	448.83	596	112	1.8
R	Jun 2003	905	-15	715	12.0	35	144	448.57	591	112	1.9
I	Jul 2003	886	-13	742	12.1	51	76	448.81	596	122	2.0
C	Aug 2003	723	-4	607	9.9	63	48	448.81	596	100	1.6
A	Sep 2003	660	-9	572	9.6	57	54	447.05	562	93	1.6
	WY 2003	9135	19	6840		764	1492			1571	
L	Oct 2003	706	-9	509	8.3	60	125	447.20	565	73	1.2
*	Nov 2003	568	6	336	5.7	67	175	446.96	560	72	1.2
	Dec 2003	517	0	342	5.6	28	189	444.65	518	119	1.9
	Jan 2004	578	-6	354	5.8	42	188	444.00	507	130	2.1
	Feb 2004	707	10	476	8.3	42	166	445.80	539	155	2.7
	Mar 2004	911	12	680	11.1	42	185	446.70	555	200	3.3
	Apr 2004	1062	0	805	13.5	42	176	448.71	594	193	3.2
	May 2004	988	-2	744	12.1	42	182	449.60	611	109	1.8
	Jun 2004	864	-7	732	12.3	42	82	449.60	611	111	1.9
	Jul 2004	870	-9	771	12.5	42	79	448.00	580	121	2.0
	Aug 2004	772	1	668	10.9	42	72	447.50	570	100	1.6
	Sep 2004	650	8	560	9.4	42	69	446.81	557	90	1.5
	WY 2004	9193	4	6977		533	1688			1473	
	Oct 2004	504	11	482	7.8	42	0	446.31	548	72	1.2
	Nov 2004	561	17	378	6.4	42	163	445.99	543	99	1.7
	Dec 2004	506	0	320	5.2	42	148	445.80	539	119	1.9
	Jan 2005	612	-6	378	6.1	42	186	445.80	539	130	2.1
	Feb 2005	577	10	376	6.8	42	169	445.80	539	155	2.8
	Mar 2005	962	12	728	11.8	42	187	446.70	555	200	3.3
	Apr 2005	1051	0	800	13.4	42	171	448.71	594	193	3.2
	May 2005	957	-2	710	11.5	42	185	449.60	611	109	1.8
	Jun 2005	893	-7	715	12.0	42	129	449.60	611	111	1.9
	Jul 2005	837	-9	742	12.1	42	75	448.00	580	121	2.0
	Aug 2005	719	1	607	9.9	42	80	447.50	570	100	1.6
	Sep 2005	673	8	572	9.6	42	80	446.81	557	90	1.5
	WY 2005	8852	35	6808		504	1573			1499	
	Oct 2005	603	11	509	8.3	42	72	446.29	548	72	1.2
	Nov 2005	554	17	393	6.6	42	141	446.00	543	99	1.7

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T E M R E S E R V O I R S

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Hoover Dam - Lake Mead

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Hoover Static Head Feet	Hoover Generator Capacity MW	Hoover Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Dec 2002	731	11.9	1152.13	16718	-133	0.00	1317.0	324.3	69	443.9
H	Jan 2003	651	10.6	1153.33	16854	136	0.00	1183.0	285.8	62	438.7
I	Feb 2003	608	10.9	1154.42	16978	125	0.00	1317.0	265.2	69	436.1
S	Mar 2003	957	15.6	1153.09	16826	-152	0.00	1526.0	425.3	80	444.4
T	Apr 2003	1138	19.1	1148.27	16287	-539	0.00	1431.0	504.4	75	443.3
O	May 2003	1017	16.5	1144.68	15893	-393	0.00	1509.0	443.4	82	435.8
R	Jun 2003	918	15.4	1143.19	15733	-161	0.00	1840.0	394.8	100	429.9
I	Jul 2003	964	15.7	1141.93	15598	-135	0.00	1840.0	413.6	100	428.8
C	Aug 2003	744	12.1	1143.27	15741	144	0.00	1840.0	313.4	100	421.2
A	Sep 2003	584	9.8	1142.12	15618	-124	0.00	1840.0	242.1	100	414.5
	WY 2003	9463							4112.9		
L	Oct 2003	539	8.8	1141.17	15517	-101	0.00	1490.0	225.4	81	418.5
*	Nov 2003	637	10.7	1139.48	15337	-178	0.00	1233.0	272.5	67	427.7
	Dec 2003	697	11.3	1138.72	15258	-80	492.25	1168.7	305.1	62	437.8
	Jan 2004	640	10.4	1140.24	15418	160	491.00	1168.7	279.6	62	437.1
	Feb 2004	765	13.3	1140.22	15416	-2	490.42	1281.8	340.0	68	444.5
	Mar 2004	959	15.6	1138.91	15278	-138	489.15	1300.7	427.1	69	445.2
	Apr 2004	1115	18.7	1134.16	14781	-497	486.12	1300.7	500.7	69	449.2
	May 2004	1040	16.9	1130.51	14406	-374	478.49	1885.0	441.9	100	425.0
	Jun 2004	852	14.3	1129.50	14304	-103	476.51	1885.0	366.6	100	430.5
	Jul 2004	874	14.2	1129.56	14309	5	476.53	1885.0	376.2	100	430.2
	Aug 2004	795	12.9	1130.42	14397	88	477.15	1885.0	338.5	100	425.6
	Sep 2004	575	9.7	1129.23	14276	-122	478.13	1885.0	239.1	100	415.7
	WY 2004	9487							4112.5		
	Oct 2004	330	5.4	1130.54	14409	134	480.98	1771.9	128.9	94	391.2
	Nov 2004	675	11.3	1128.59	14211	-199	485.23	1413.8	289.2	75	428.5
	Dec 2004	656	10.7	1127.21	14072	-138	481.87	1300.7	277.8	69	423.6
	Jan 2005	727	11.8	1128.58	14210	138	479.31	1300.7	311.6	69	428.6
	Feb 2005	636	11.4	1129.20	14273	62	478.89	1300.7	271.0	69	426.2
	Mar 2005	991	16.1	1125.80	13931	-342	477.11	1300.7	427.5	69	431.6
	Apr 2005	1087	18.3	1121.06	13462	-469	473.05	1300.7	475.1	69	437.0
	May 2005	990	16.1	1117.70	13137	-324	467.69	1526.8	414.5	81	418.8
	Jun 2005	894	15.0	1116.26	12998	-139	463.54	1885.0	369.9	100	414.0
	Jul 2005	853	13.9	1116.42	13014	16	463.40	1885.0	357.2	100	418.8
	Aug 2005	754	12.3	1117.64	13131	117	464.25	1885.0	311.4	100	413.0
	Sep 2005	611	10.3	1119.21	13284	152	466.78	1885.0	251.2	100	411.4
	WY 2005	9202							3885.4		
	Oct 2005	440	7.2	1120.61	13418	134	473.14	1413.8	180.5	75	410.5
	Nov 2005	671	11.3	1119.81	13341	-76	475.90	1413.8	282.5	75	421.3

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Davis Dam - Lake Mohave

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Davis Static Head Feet	Davis Generator Capacity MW	Davis Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Dec 2002	544	8.9	642.27	1679	162	0.00	163.0	67.4	68	123.9
H	Jan 2003	608	9.9	643.24	1705	26	0.00	154.0	76.7	64	126.2
I	Feb 2003	572	10.3	644.08	1728	23	0.00	178.0	73.2	74	128.0
S	Mar 2003	980	15.9	642.53	1686	-42	0.00	197.0	124.6	82	127.1
T	Apr 2003	1108	18.6	642.53	1686	0	0.00	240.0	138.5	100	125.0
O	May 2003	955	15.5	643.60	1715	29	0.00	255.0	120.9	100	126.5
R	Jun 2003	905	15.2	642.89	1696	-19	0.00	255.0	113.6	100	125.6
I	Jul 2003	886	14.4	644.60	1743	47	0.00	255.0	111.6	100	125.9
C	Aug 2003	723	11.8	644.48	1739	-3	0.00	255.0	91.6	100	126.7
A	Sep 2003	660	11.1	640.95	1643	-96	0.00	204.0	82.2	80	124.6
	WY 2003	9134							1143.3		
L	Oct 2003	706	11.5	634.31	1468	-175	0.00	204.0	84.7	80	120.0
*	Nov 2003	568	9.5	636.53	1526	58	0.00	196.0	67.9	77	119.5
	Dec 2003	550	8.9	641.00	1644	119	134.06	173.4	68.0	68	123.6
	Jan 2004	594	9.7	641.50	1658	13	136.96	163.2	74.6	64	125.5
	Feb 2004	698	12.1	643.01	1699	41	137.15	188.7	87.6	74	125.5
	Mar 2004	930	15.1	643.01	1699	0	137.29	209.1	116.5	82	125.2
	Apr 2004	1079	18.1	643.01	1699	0	136.05	255.0	134.1	100	124.4
	May 2004	1007	16.4	643.01	1699	0	136.05	255.0	125.7	100	124.9
	Jun 2004	851	14.3	642.00	1671	-28	135.52	255.0	106.4	100	125.0
	Jul 2004	859	14.0	641.50	1658	-14	134.73	255.0	106.9	100	124.5
	Aug 2004	760	12.4	641.50	1658	0	134.46	255.0	94.9	100	124.8
	Sep 2004	638	10.7	638.00	1564	-94	132.63	255.0	78.9	100	123.8
	WY 2004	9240							1146.3		
	Oct 2004	493	8.0	630.49	1371	-193	128.32	204.0	59.1	80	119.9
	Nov 2004	558	9.4	634.00	1460	89	126.46	196.3	65.6	77	117.5
	Dec 2004	505	8.2	638.71	1583	123	131.54	173.4	61.4	68	121.7
	Jan 2005	612	10.0	641.80	1666	83	135.97	163.2	76.2	64	124.5
	Feb 2005	577	10.4	643.01	1699	33	137.30	188.7	72.9	74	126.3
	Mar 2005	962	15.6	643.01	1699	0	137.29	209.1	120.3	82	125.1
	Apr 2005	1051	17.7	643.01	1699	0	136.05	255.0	130.9	100	124.5
	May 2005	957	15.6	643.01	1699	0	136.05	255.0	119.7	100	125.1
	Jun 2005	893	15.0	642.00	1671	-28	135.52	255.0	111.5	100	124.8
	Jul 2005	837	13.6	641.50	1658	-14	134.73	255.0	104.3	100	124.6
	Aug 2005	719	11.7	641.50	1658	0	134.46	255.0	89.9	100	125.0
	Sep 2005	673	11.3	638.00	1564	-94	132.63	255.0	83.2	100	123.6
	WY 2005	8837							1094.9		
	Oct 2005	603	9.8	630.49	1371	-193	128.32	204.0	71.9	80	119.2
	Nov 2005	554	9.3	634.00	1460	89	126.46	196.3	65.1	77	117.6

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T E M R E S E R V O I R S

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Parker Dam - Lake Havasu

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Parker Static Head Feet	Parker Generator Capacity MW	Parker Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Dec 2002	322	5.2	446.21	547	-12	0.00	103.0	21.4	86	66.5
H	Jan 2003	378	6.1	445.69	537	-10	0.00	120.0	25.5	100	67.5
I	Feb 2003	376	6.8	447.62	573	36	0.00	120.0	25.2	100	67.1
S	Mar 2003	728	11.8	445.89	541	-32	0.00	120.0	48.5	100	66.6
T	Apr 2003	800	13.4	448.60	592	50	0.00	120.0	53.8	100	67.2
O	May 2003	709	11.5	448.83	596	5	0.00	120.0	48.4	100	68.3
R	Jun 2003	715	12.0	448.57	591	-5	0.00	120.0	48.8	100	68.3
I	Jul 2003	742	12.1	448.81	596	5	0.00	120.0	50.7	100	68.3
C	Aug 2003	607	9.9	448.81	596	-0	0.00	120.0	41.6	100	68.5
A	Sep 2003	572	9.6	447.05	562	-33	0.00	113.0	39.9	94	69.8
	WY 2003	6841							465.3		
L	Oct 2003	509	8.3	447.20	565	3	0.00	92.0	34.6	77	68.0
*	Nov 2003	336	5.7	446.96	560	-5	0.00	94.0	22.9	78	68.0
	Dec 2003	342	5.6	444.65	518	-42	73.98	103.2	21.6	86	63.2
	Jan 2004	354	5.8	444.00	507	-11	71.80	120.0	21.8	100	61.7
	Feb 2004	476	8.3	445.80	539	32	72.36	120.0	30.0	100	63.0
	Mar 2004	680	11.1	446.70	555	16	73.67	120.0	43.9	100	64.6
	Apr 2004	805	13.5	448.71	594	38	75.09	120.0	53.2	100	66.0
	May 2004	744	12.1	449.60	611	18	76.49	120.0	49.8	100	66.9
	Jun 2004	732	12.3	449.60	611	0	76.93	120.0	49.3	100	67.3
	Jul 2004	771	12.5	448.00	580	-31	76.15	120.0	51.4	100	66.7
	Aug 2004	668	10.9	447.50	570	-10	75.13	120.0	43.9	100	65.7
	Sep 2004	560	9.4	446.81	557	-13	74.55	120.0	36.4	100	64.9
	WY 2004	6976							458.7		
	Oct 2004	482	7.8	446.31	548	-9	75.37	90.0	31.5	75	65.4
	Nov 2004	378	6.4	445.99	543	-6	74.98	90.0	24.4	75	64.4
	Dec 2004	320	5.2	445.80	539	-4	74.73	90.0	20.3	75	63.5
	Jan 2005	378	6.1	445.80	539	0	74.64	90.0	24.2	75	64.1
	Feb 2005	376	6.8	445.80	539	0	74.64	90.0	24.2	75	64.4
	Mar 2005	728	11.8	446.70	555	16	75.08	90.0	48.1	75	66.1
	Apr 2005	800	13.4	448.71	594	38	75.09	120.0	52.8	100	66.0
	May 2005	710	11.5	449.60	611	18	76.49	120.0	47.5	100	66.8
	Jun 2005	715	12.0	449.60	611	0	76.93	120.0	48.1	100	67.2
	Jul 2005	742	12.1	448.00	580	-31	76.15	120.0	49.5	100	66.7
	Aug 2005	607	9.9	447.50	570	-10	75.13	120.0	39.7	100	65.5
	Sep 2005	572	9.6	446.81	557	-13	74.86	112.8	37.3	94	65.3
	WY 2005	6808							447.7		
	Oct 2005	509	8.3	446.29	548	-9	75.24	92.4	33.3	77	65.4
	Nov 2005	393	6.6	446.00	543	-5	74.79	93.6	25.3	78	64.4

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T Y M R E S E R V O I R S

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Upper Basin Power

	Glen Canyon 1000 MWHR	Flam Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Res 1000 MWHR	Font Res 1000 MWHR
* Dec 2002	276	16	3	4	0	3
H Jan 2003	345	16	3	4	0	3
I Feb 2003	326	19	4	5	0	2
S Mar 2003	334	17	2	5	1	4
Winter 2003	1852	101	41	56	20	14
T Apr 2003	254	16	12	18	11	6
O May 2003	275	48	11	20	18	5
R Jun 2003	0	0	0	0	0	0
I Jul 2003	386	17	29	39	20	3
C Aug 2003	382	17	26	36	23	3
A Sep 2003	201	32	17	23	22	3
Summer 2003	1498	130	95	135	94	21
L Oct 2003	206	17	13	18	8	2
* Nov 2003	198	17	4	6	0	3
Dec 2003	236	17	4	6	9	4
Jan 2004	308	17	4	6	16	4
Feb 2004	276	16	4	6	18	3
Mar 2004	303	17	4	7	21	4
Winter 2004	1528	101	33	48	73	20
Apr 2004	230	17	8	13	22	6
May 2004	251	45	7	17	19	6
Jun 2004	314	52	9	17	15	8
Jul 2004	367	22	27	33	9	10
Aug 2004	366	22	31	37	11	10
Sep 2004	187	22	29	34	16	6
Summer 2004	1716	179	110	150	92	45
Oct 2004	194	22	21	26	15	6
Nov 2004	187	22	12	15	17	6
Dec 2004	194	22	15	19	21	6
Jan 2005	333	22	23	29	22	5
Feb 2005	253	20	21	27	20	4
Mar 2005	232	22	23	30	22	4
Winter 2005	1392	130	115	147	117	31
Apr 2005	233	22	24	34	22	5
May 2005	255	58	12	25	21	6
Jun 2005	321	68	8	18	17	8
Jul 2005	372	43	27	34	16	10
Aug 2005	372	43	32	37	0	8
Sep 2005	325	42	31	37	0	7
Summer 2005	1878	275	135	185	76	44
Oct 2005	243	22	25	30	0	6
Nov 2005	243	22	23	28	-NaN	6

BUREAU OF RECLAMATION - CRFS 12/2003 MOST PROB WATER SUPPLY JOB STARTED:Tus DEC 9 9:49:15 2003

model_run_id = 1293

F L O O D C O N T R O L C R I T E R I A
B E G I N N I N G O F M O N T H C O N D I T I O N S

MON	YEAR	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	LAKE POWELL KAF	UPPER BASIN TOTAL KAF	LAKE MEAD KAF	TOTAL KAF	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	TOT OR MAX ALLOW KAF	LAKE POWELL KAF	LAKE MEAD KAF	TOTAL KAF	BOM SPACE REQD KAF	MEAD SCHED REL KAF	MEAD FC REL KAF	SYS CONT MAF
			* * * * P R E D I C T E D S P A C E * * * *									* * * * C R E D I T A B L E S P A C E * * * *							
DEC	2003	1262	459	983	12524	15228	12043	27271	1262	459	983	2704	12524	12043	27271	4580	697	0	33.0
JAN	2004	1285	455	987	12785	15513	12122	27635	1285	455	987	2728	12785	12122	27635	5350	640	0	32.8
												* * * * E F F E C T I V E S P A C E * * * *							
JAN	2004	1285	455	987	12785	15513	12122	27635	483	415	463	1361	12785	12122	26268	5350	640	0	32.8
FEB	2004	1316	451	992	13208	15967	11962	27929	512	410	467	1389	13208	11962	26559	1500	765	0	32.5
MAR	2004	1342	447	989	13547	16325	11964	28289	536	406	463	1406	13547	11964	26917	1500	959	0	32.1
APR	2004	1340	437	952	13852	16581	12102	28683	528	395	422	1345	13852	12102	27300	1500	1115	0	31.8
MAY	2004	1294	407	884	13850	16434	12599	29034	473	364	328	1165	13850	12599	27615	1500	1040	0	32.5
JUN	2004	1194	268	757	13185	15404	12974	28378	362	218	169	748	13185	12974	26907	1500	852	0	33.8
JUL	2004	988	88	672	12228	13976	13076	27053	141	18	38	197	12228	13076	25502	1500	874	0	34.0
												* * * * C R E D I T A B L E S P A C E * * * *							
AUG	2004	865	71	685	12131	13752	13071	26823	865	71	685	1621	12131	13071	26823	1500	795	0	33.6
SEP	2004	855	112	719	12519	14205	12983	27188	855	112	719	1686	12519	12983	27188	2270	575	0	33.2
OCT	2004	874	169	725	12574	14342	13104	27447	874	169	725	1768	12574	13104	27447	3040	330	0	33.1
NOV	2004	882	205	729	12567	14383	12971	27354	882	205	729	1816	12567	12971	27354	3810	675	0	33.0
DEC	2004	895	218	724	12566	14403	13169	27572	895	218	724	1837	12566	13169	27572	4580	656	0	32.8
JAN	2005	923	248	723	12629	14523	13308	27831	923	248	723	1895	12629	13308	27831	5350	727	0	32.6
												* * * * E F F E C T I V E S P A C E * * * *							
JAN	2005	923	248	723	12629	14523	13308	27831	553	246	372	1171	12629	13308	27107	5350	727	0	32.6
FEB	2005	946	306	734	13014	15001	13170	28170	573	303	383	1259	13014	13170	27443	1500	636	0	32.4
MAR	2005	960	358	735	13224	15277	13107	28384	584	354	383	1321	13224	13107	27652	1500	991	0	32.0
APR	2005	930	406	695	13275	15306	13449	28755	548	403	338	1290	13275	13449	28014	1500	1087	0	31.8
MAY	2005	859	421	607	13170	15056	13918	28975	467	421	226	1114	13170	13918	28203	1500	990	0	32.8
JUN	2005	758	275	496	12251	13780	14243	28023	354	269	85	708	12251	14243	27202	1500	894	0	34.4
JUL	2005	538	61	491	10937	12027	14382	26409	116	34	38	188	10937	14382	25507	1500	853	0	34.8
												* * * * C R E D I T A B L E S P A C E * * * *							
AUG	2005	439	27	500	10650	11616	14366	25982	439	27	500	966	10650	14366	25982	1500	754	0	34.5
SEP	2005	471	60	515	10935	11980	14249	26229	471	60	515	1046	10935	14249	26229	2270	611	0	34.2
OCT	2005	535	119	530	11192	12376	14096	26472	535	119	530	1184	11192	14096	26472	3040	440	0	34.0
NOV	2005	538	163	533	11229	12463	13962	26425	538	163	533	1234	11229	13962	26425	3810	671	0	33.9

Date: January 13, 2004

From: Water Resource Group, Salt Lake City

To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Status

	December Inflow (unreg) (Acre-Feet)	Percent of Normal	Midnight January 13 Elevation	Reservoir Storage (Acre-Feet)
Fontenelle	28,000	85	6484.08	190,000
Flaming Gorge	27,000	68	6008.87	2,605,000
Blue Mesa	22,000	85	7461.35	380,000
Powell	296,000	68	3595.07	11,286,000
Navajo	20,000	78	5996.24	709,000

Expected Operation

FONTENELLE - Snowpack conditions above Fontenelle remain near normal through the second week of January. As of January 13, 2004 the snowpack above Fontenelle Reservoir measured 99% of normal. The snowpack building season is about one half complete at this point.

The Colorado Basin River Forecast Center (CBRFC) issued the 2004 Water Supply Forecast for Fontenelle at 680,000 acre-feet (79% of normal) for the period from April through July. Based on this forecast, it is very likely that Fontenelle Reservoir will fill during the summer of 2004. The reservoir elevation is currently 6484 feet above sea level and declining about 1 foot every 9 days. The reservoir elevation will continue to decline until April and will reach a minimum elevation for the year of about 6467 feet above sea level. By late July Fontenelle will be very nearly full depending on the accuracy of the Water Supply Forecast. Releases will likely remain at the current level (750 cfs) until late March when ice cover on the river has subsided.

Open forum discussions on Fontenelle operations take place at the "Fontenelle Reservoir Working Group" meetings. The Working Group is a forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir. The public is encouraged to attend and express their concerns and interests with regard to Fontenelle Reservoir operation. The next Working Group meeting is scheduled for April 14th, 2004 at 10:00 a.m. and will at the Wyoming Fish and Game office located in Green River Wyoming. For more information about the Working Group, contact Ed Vidmar at 801-379-1182.

FLAMING GORGE - Due to experimental flows being conducted at Glen Canyon Dam, releases from Flaming Gorge Dam could see some fluctuations during the month of January. Fluctuating releases are being made to assist Western Area Power Administration make up generation that has been lost due to the experimental flows at Glen Canyon Dam. These fluctuations will vary daily

depending on power market conditions but are limited to a peak of 2000 cfs for a maximum duration of 4 hours each day. Minimum flows will remain at the current level which has been about 850 cfs. The additional releases are limited to 8500 acre-feet for the month of January which could impact the reservoir elevation by 2-3 inches.

The Colorado Basin River Forecast Center (CBRFC) has issued the coordinated water supply forecast for Water Year 2004. The official forecast for Flaming Gorge Reservoir has this years unregulated inflow volume for April through July at 930,000 acre-feet (78% of normal). This forecast will be updated twice each month as conditions change. Snow conditions above Flaming Gorge continue to be near normal for this time of year. On January 13th the snowpack above Flaming Gorge measured 96% of normal.

Based on the forecast, Flaming Gorge Reservoir will likely see some filling occur during the spring runoff. By March 1st, the reservoir elevation will likely see its low point for the year at about 6007.9 feet above sea level. By the end of July, the reservoir elevation potentially could rise about 10 feet from this level depending on the accuracy of the current forecast and the level of releases established during the runoff period.

The next "Flaming Gorge Working Group" meeting is to be held on April 15th, 2004 in Vernal, Utah at 10:00 a.m. at the Western Park Convention Center. The Working Group a forum for information exchange between Reclamation and all other parties associated with the operation of Flaming Gorge Reservoir. The public is encouraged to attend and express their concerns and interests with regard to the operation of Flaming Gorge Reservoir. For more information about the Working Group please contact Ed Vidmar at 801-379-1182.

ASPINALL – December unregulated inflow into Blue Mesa Reservoir was 22,000 acre-feet or 85 percent of average. Drought conditions still remain the controlling factor for water management throughout the region, even though we have had a fairly good start to the snowpack building season. Recorded precipitation during the month of December was 105 percent of normal. On January 13, 2004 the basin snowpack was averaging 117 percent. The current inflow rate into Blue Mesa Reservoir is about 325 cfs and reservoir releases are averaging about 225 cfs. Blue Mesa's present elevation is 7461.35 feet, which corresponds to a storage content of about 380,000 acre-feet.

Releases from Crystal Dam are currently set at 325 cfs. The Gunnison Diversion Tunnel has been shut down for the winter season with the exception of some small 100 cfs diversions taken bi-weekly for the municipal water needs for the city of Montrose, Colorado. Due to the severity of the continuing drought in the Gunnison River Basin, river flows through the Black Canyon of the Gunnison have been set close to the minimum flow rate. Last year that rate was 250 cfs; currently we have the river flow at 325 cfs.

On January 6, 2004, the National Weather Service's River Forecast Center issued the forecasted inflow for the April through July runoff period. The forecast is projecting a volume runoff into Blue Mesa Reservoir of 685,000 acre-feet. This represents a 95 percent of average runoff for this time period. Based on this forecast, Blue Mesa Reservoir is estimated to be near full or elevation 7516.4 feet by the end of the runoff period during the month of July 2004.

The next meeting of the "Aspinall Unit Working Group" will be on Thursday, January 22, 2004 at 1:00 PM in Montrose, Colorado. At this meeting, review of last summer and fall reservoir operations, and plans for next winter and spring 2004 operations will be discussed. These meetings are open forum discussions on the Aspinall Unit reservoir operations with many interested groups participating. Anyone needing further information about these meetings should contact Dan Crabtree in the Grand Junction Area Office at (970) 248-0652.

NAVAJO – Reclamation decreased the release from Navajo Reservoir from 400 cubic feet per second (cfs) to 250 cfs, on Monday, November 3, 2003. All reservoir releases are made for the authorized purposes of the Navajo Unit, and to attempt to maintain a target base flow through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell).

Based upon current hydrological conditions and historical hydrologic data, the target base flow should remain above 440 cfs through the critical habitat area. The target base flow is calculated as the weekly average of gauged flows throughout the critical habitat area, therefore daily flows of less than 440 cfs may occur at some gages. This scheduled release is subject to changes in river flows and weather conditions.

Inflow into Navajo Reservoir continues to be very low. Unregulated reservoir inflow for December was 20,000 acre-feet, or 78 percent of average. The current reservoir inflow is averaging about 200 cfs. Presently, the reservoir water surface elevation is 5996.24 feet, which corresponds to a storage content of about 709,000 acre-feet. The monthly precipitation average in the basin above Bluff was 75 percent of average for December. The basin wide snowpack on January 13 was 108 percent of normal for the Animas River basin, and 126 percent of normal for the upper San Juan River basin.

On January 6, 2004, the National Weather Service's River Forecast Center issued an inflow forecast for Navajo Reservoir for the April through July runoff period. This forecast is projecting a volume runoff into the reservoir of 910,000 acre-feet. This represents a 114 percent of normal runoff for the Upper San Juan River Basin. Although this seems like a break from the drought of recent years it is still very early in the snow accumulation season to break us out of drought operation mode.

A public meeting on Navajo Reservoir operations will be held on Tuesday, January 20, 2004 starting at 1:00 PM in Farmington, New Mexico. At this meeting, review of last summer and fall reservoir operations, and plans for next winter and spring 2004 operations will be discussed. These are open forum discussions on the operation of Navajo Reservoir with many interested groups participating. Anyone interested in the general operation of the reservoir is encouraged to attend. Please contact Pat Page in Reclamation's Durango, Colorado Office at (970) 385-6560 for information about these meetings or the daily operation of Navajo Reservoir.

Glen Canyon Dam - Lake Powell

Operations Experimental Flows

Daily high fluctuating releases from Glen Canyon Dam, as part of the Glen Canyon Dam experimental flows, will be implemented from January through March 2003. Releases will range

between a high of 20,000 cubic feet per second (cfs) to a low of 5,000 cfs each day. The 20,000 cfs releases will be maintained for about 9 hours each day (from about 11:00 am until about 8:00 pm), while the 5,000 cfs releases will be maintained for about 8 hours (from about 1:00 am until about 9:00 am). The remainder of the hours will be transition releases where releases will be between the daily high and the daily low. This pattern will be maintained for 7 days a week during the January through March time period. It should be noted that due to real-time power considerations and regulation to stabilize the power system, actual releases may deviate somewhat from this pattern

The January through March high fluctuating releases are intended to benefit the endangered humpback chub. Scientists have recognized that the humpback chub population has been in general decline since highly fluctuating flows were curtailed in November of 1991. Those flows helped keep the non-native fish, especially the rainbow and brown trout, in check. The trout are thought to prey upon and compete with native fish such as the endangered humpback chub. This is the second year of high fluctuating releases as part of the experimental flows. High fluctuating releases were first implemented in January through March of 2003.

Monthly release volumes in January, February, and March 2003 are scheduled to be 788, 737, and 788 thousand acre-feet, respectively, which averages out to 12,800 cfs per day. Because of the draw down condition of Lake Powell, releases from Lake Powell in water year 2004 are being scheduled to meet the minimum release objective of 8.23 million acre-feet. This is consistent with the requirements of the Criteria for Coordinated Long-Range Operation of Colorado River Reservoirs. The experimental flows will not change the total volume of water to be released from Lake Powell in water year 2004.

The experimental flows from Glen Canyon Dam received environmental clearances in December 2002. The flows were analyzed in an environmental assessment in accordance with the National Environmental Policy Act. The experimental flows are the result of ongoing studies by scientists from the United States Geological Survey and were recommended by the Glen Canyon Dam Adaptive Management Work Group, a Federal advisory committee. The experimental flows address the decline of two key resources in the Grand Canyon: sediment and population viability of endangered humpback chub. The Finding of No Significant Impact on the experimental flows can be found at http://www.uc.usbr.gov/amp/flow_fonsi.pdf

Basin Hydrology

Severe drought conditions in the Colorado River Basin continue. As we move into mid-winter, there are no clear signals that the drought is easing. While much of Utah was slammed with a major winter storm the last week of December, snowpack in the Colorado River Basin remains near average. The bulk of the moisture from the Utah storm was in the Wasatch Mountains,west of the Colorado River Basin. As of December 30, 2003, snowpack in the Colorado River Basin is 101 percent of average. Because of the extended drought, the snowpack lies atop a mantle of very dry soil. This scenario is not favorable for next springs runoff, as much of the melting snow will be absorbed by the soil. Reclamation is estimating that with average snowpack conditions this winter, runoff next spring would be about 75 percent of average. The National Weather Service will issue an April through July inflow forecast for Lake Powell on January 5, 2004.

The Colorado River Basin is now in its 5th year of drought. Inflow volumes have been below average for 4 consecutive years. Unregulated inflow in water year 2003 was only 53 percent of

average. Unregulated inflow in 2000, 2001 and 2002 was 62, 59, and 25 percent of average, respectively. Inflow in 2002 was the lowest ever observed since the completion of Glen Canyon Dam in 1963.

The trend of low inflow continues. Unregulated inflow in November, 2003 was 64 percent of average and Decembers will likely end up at about 65 percent of average. On December 29, 2003 observed inflow to Lake Powell was 5,000 cfs, about 60 percent of what is usually seen in late December.

Low inflows have reduced water storage in Lake Powell. On December 5, 2003, the elevation of Lake Powell dropped below 3600 feet. The last time the water surface elevation was this low was in 1973. The current elevation (as of December 30, 2003) of Lake Powell is 3,597 feet (103 feet from full pool). Current storage is 11.5 million acre-feet (47 percent of capacity). The good news is that even after 4 years of severe drought Lake Powell is still storing a large volume of water.

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-280
125 SOUTH STATE STREET, ROOM 6107
SALT LAKE CITY, UT 84138-1102
PHONE 801-524-5571

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RUNOFF PROJECTIONS AND INFLOW INFORMATION INTO UPPER BASIN RESERVOIR PROVIDED BY THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICE'S COLORADO BASIN RIVER FORECAST CENTER ARE AS FOLLOWS

:	Obs					Forecast			Outlook	
:	sep	oct	nov	dec	%Avg	jan	feb	mar	apr-jul	%Avg
GLDA3:Lake Powell	454	306	352	296	68%:	325/	350/	575/	7100/:	90%
GBRW4:Fontenelle	30	27	27	28	85%:	25/	25/	40/	680/:	79%
GRNU1:Flaming Gorge	26	24	28	27	68%:	25/	25/	65/	930/:	78%
BMDC2:Blue Mesa	45	27	24	22	85%:	20/	20/	30/	685/:	95%
MPSC2:Morrow Point					:	22/	22/	33/	745/:	95%
CLSC2:Crystal	52	32	29	27	82%:	25/	25/	38/	840/:	92%
VCRC2:Vallecito	17	6.4	6.1	4.9	80%:	4.1/	3.8/	6.2/	225/:	110%
NVRN5:Navajo	49	14	24	19.6	78%:	15/	24/	66/	910/:	114%
MPHC2:McPhee	14	4.8	3.6	3.5	78%:	3/	3.7/	13/	315/:	98%
TPIC2:Taylor Park					:	3.7/	3.5/	3.7/	100/:	97%
RBSC2:Ridgway					:	/	/	/	107/:	105%
LEMC2:Lemon	4.8	1.4	1.0	0.9	76%:	.7/	.65/	1.1/	60/:	103%

:
: ** UNREGULATED CRYSTAL INFLOW COMBINES BLUE MESA UNREGULATED
: INFLOW PLUS THE SIDE INFLOW TO BOTH MORROW POINT AND CRYSTAL

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T E M R E S E R V O I R S

Bureau of Reclamation - CRFS 1/2004 Most Prob Water Supply 12-jan-2004 09:05:49

Fontenelle Reservoir

	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
* Jan 2003	25	1	40	0	40	6485.33	198
H Feb 2003	24	1	36	0	36	6483.23	185
I Mar 2003	59	1	58	0	58	6483.32	186
S Apr 2003	56	1	83	4	87	6477.50	154
T May 2003	76	1	74	13	87	6475.15	142
O Jun 2003	189	2	63	0	63	6495.52	266
R Jul 2003	69	2	46	0	46	6498.43	287
I Aug 2003	35	2	47	0	47	6496.53	273
C Sep 2003	31	2	46	0	46	6494.31	258
WY 2003	653	16	598	31	629		
A Oct 2003	27	1	29	17	46	6491.32	237
L Nov 2003	27	1	41	5	46	6488.45	218
* Dec 2003	28	1	46	0	46	6485.47	199
Jan 2004	25	1	46	0	46	6481.85	177
Feb 2004	25	1	42	0	42	6478.65	160
Mar 2004	40	0	75	0	75	6471.18	124
Apr 2004	74	1	92	0	92	6466.63	105
May 2004	155	1	97	0	97	6479.23	163
Jun 2004	282	2	102	48	150	6499.19	293
Jul 2004	169	3	101	14	115	6505.75	344
Aug 2004	76	2	100	0	100	6502.41	317
Sep 2004	46	2	65	0	65	6499.69	297
WY 2004	974	16	836	84	920		
Oct 2004	47	1	67	0	67	6496.81	275
Nov 2004	39	1	65	0	65	6493.04	249
Dec 2004	30	1	67	0	67	6487.36	211
Jan 2005	28	1	67	0	67	6480.81	171
Feb 2005	26	1	60	0	60	6473.99	137
Mar 2005	47	0	70	0	70	6468.63	113
Apr 2005	84	1	90	0	90	6467.01	107
May 2005	176	1	97	33	130	6477.08	152
Jun 2005	320	2	101	74	175	6499.43	295
Jul 2005	192	3	101	39	140	6505.78	344
Aug 2005	83	2	80	0	80	6505.86	345
Sep 2005	48	2	72	0	72	6502.58	319
WY 2005	1120	16	937	146	1083		
Oct 2005	52	1	67	0	67	6500.40	302
Nov 2005	43	1	65	0	65	6497.37	279
Dec 2005	33	1	67	0	67	6492.46	245

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T E M R E S E R V O I R S

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Flaming Gorge Reservoir

	Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Yampa Flow 1000 Ac-Ft	Jensen Flow 1000 Ac-Ft
* Jan 2003	30	45	1	49	0	49	68	6009.50	2625	0	80
H Feb 2003	32	43	2	57	0	57	67	6009.04	2610	0	79
I Mar 2003	78	77	3	52	0	52	68	6009.69	2631	0	131
S Apr 2003	66	96	4	49	0	49	70	6010.98	2673	0	219
T May 2003	99	119	7	140	0	140	69	6010.17	2647	0	590
O Jun 2003	244	111	9	63	0	63	70	6011.30	2684	0	506
R Jul 2003	72	48	11	50	0	50	70	6010.90	2670	0	102
I Aug 2003	33	44	11	52	0	52	69	6010.36	2653	0	65
C Sep 2003	26	40	9	50	0	50	68	6009.81	2635	0	65
WY 2003	764	737	68	710	0	710					2047
A Oct 2003	23	43	6	52	0	52	68	6009.38	2621	0	67
L Nov 2003	28	46	3	51	0	51	67	6009.17	2614	0	79
* Dec 2003	27	46	2	53	0	53	67	6008.91	2606	0	80
Jan 2004	25	46	1	49	0	49	67	6008.78	2602	0	49
Feb 2004	25	42	2	44	0	44	67	6008.66	2599	0	44
Mar 2004	65	100	4	49	0	49	68	6010.08	2644	0	49
Apr 2004	123	141	6	48	0	48	71	6012.67	2729	0	48
May 2004	237	178	9	125	0	125	73	6013.96	2772	0	125
Jun 2004	368	235	11	146	0	146	75	6016.19	2847	0	146
Jul 2004	203	149	12	61	0	61	77	6018.32	2921	0	61
Aug 2004	89	113	9	61	0	61	79	6019.50	2962	0	61
Sep 2004	56	75	8	60	0	60	79	6019.68	2968	0	60
WY 2004	1269	1214	73	799	0	799					869
Oct 2004	59	79	5	61	0	61	80	6020.05	2981	0	61
Nov 2004	50	76	2	60	0	60	80	6020.43	2995	0	60
Dec 2004	36	73	2	61	0	61	80	6020.71	3005	0	61
Jan 2005	41	80	2	61	0	61	81	6021.19	3022	0	61
Feb 2005	45	79	2	56	0	56	82	6021.75	3042	0	56
Mar 2005	97	120	4	61	0	61	83	6023.23	3095	0	61
Apr 2005	141	147	7	60	0	60	86	6025.34	3173	0	60
May 2005	273	227	10	160	0	160	88	6026.82	3228	0	160
Jun 2005	423	278	13	185	0	185	90	6028.87	3306	0	185
Jul 2005	233	181	14	61	0	61	94	6031.53	3409	0	61
Aug 2005	97	94	11	61	0	61	94	6032.09	3430	0	61
Sep 2005	59	83	9	60	0	60	95	6032.43	3444	0	60
WY 2005	1554	1517	81	947	0	947					947
Oct 2005	65	80	5	61	0	61	95	6032.77	3457	0	61
Nov 2005	56	78	2	60	0	60	96	6033.14	3472	0	60
Dec 2005	40	74	2	61	0	61	96	6033.41	3483	0	61

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T E M R E S E R V O I R S

Bureau of Reclamation - CRFS 1/2004 Most Prob Water Supply 12-jan-2004 09:05:49

Taylor Park Reservoir

		Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Jan 2003	3	3	9287.57	40
H	Feb 2003	3	3	9287.04	40
I	Mar 2003	3	4	9286.61	39
S	Apr 2003	7	4	9289.66	42
T	May 2003	29	8	9305.60	63
O	Jun 2003	31	13	9316.66	81
R	Jul 2003	9	15	9313.21	75
I	Aug 2003	6	14	9308.70	68
C	Sep 2003	8	7	9309.00	68
	WY 2003	109	81		
A	Oct 2003	5	4	9309.72	69
L	Nov 2003	4	3	9310.47	71
*	Dec 2003	4	3	9310.82	71
	Jan 2004	3	3	9311.11	72
	Feb 2004	3	3	9311.35	72
	Mar 2004	4	6	9309.88	70
	Apr 2004	8	8	9309.94	70
	May 2004	26	18	9315.07	78
	Jun 2004	44	22	9327.02	100
	Jul 2004	21	22	9326.74	100
	Aug 2004	10	22	9320.47	88
	Sep 2004	7	17	9314.80	78
	WY 2004	139	131		
	Oct 2004	7	6	9315.11	78
	Nov 2004	5	6	9314.59	77
	Dec 2004	5	6	9313.77	76
	Jan 2005	4	6	9312.78	74
	Feb 2005	4	6	9311.46	72
	Mar 2005	4	6	9310.41	71
	Apr 2005	8	12	9308.11	67
	May 2005	27	18	9313.92	76
	Jun 2005	46	21	9327.31	101
	Jul 2005	22	22	9327.41	101
	Aug 2005	10	20	9322.38	91
	Sep 2005	7	16	9317.48	82
	WY 2005	149	145		
	Oct 2005	7	8	9316.63	81
	Nov 2005	5	6	9316.13	80
	Dec 2005	5	6	9315.32	79

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Blue Mesa Reservoir

	Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir elevation EOM Feet	Live Storage 1000 Ac-Ft
* Jan 2003	17	18	0	11	0	11	7446.05	291
H Feb 2003	16	17	0	15	0	15	7446.30	292
I Mar 2003	27	27	0	9	0	9	7449.60	310
S Apr 2003	42	39	0	50	0	50	7447.48	299
T May 2003	174	155	1	42	0	42	7466.19	411
O Jun 2003	170	150	1	48	0	48	7480.76	512
R Jul 2003	43	49	1	101	0	101	7473.26	458
I Aug 2003	33	40	1	93	0	93	7465.29	405
C Sep 2003	45	45	1	62	0	62	7462.45	387
WY 2003	631	606	5	489	0	489		
A Oct 2003	26	25	0	47	0	47	7458.78	364
L Nov 2003	23	22	0	16	0	16	7459.81	370
* Dec 2003	22	21	0	15	0	15	7460.86	377
Jan 2004	20	20	0	15	0	15	7461.57	381
Feb 2004	20	20	0	14	0	14	7462.43	386
Mar 2004	30	32	0	16	0	16	7464.94	402
Apr 2004	72	72	1	46	0	46	7468.74	427
May 2004	207	199	1	52	0	52	7488.96	573
Jun 2004	278	256	1	56	0	56	7513.02	772
Jul 2004	128	128	2	96	0	96	7516.44	803
Aug 2004	63	75	1	103	0	103	7513.12	773
Sep 2004	36	46	1	101	0	101	7506.69	717
WY 2004	925	916	7	577	0	577		
Oct 2004	37	37	1	82	0	82	7501.22	671
Nov 2004	32	33	0	73	0	73	7496.25	631
Dec 2004	26	27	0	77	0	77	7490.03	582
Jan 2005	25	27	0	85	0	85	7482.35	523
Feb 2005	23	25	0	76	0	76	7475.23	472
Mar 2005	35	37	0	86	0	86	7468.03	423
Apr 2005	75	79	1	84	0	84	7467.16	417
May 2005	218	208	1	110	0	110	7481.12	514
Jun 2005	292	268	1	27	0	27	7510.87	753
Jul 2005	134	134	2	84	0	84	7516.35	802
Aug 2005	65	74	1	99	0	99	7513.46	776
Sep 2005	37	46	1	100	0	100	7507.10	721
WY 2005	999	995	8	983	0	983		
Oct 2005	37	39	1	82	0	82	7501.88	677
Nov 2005	32	33	0	76	0	76	7496.56	633
Dec 2005	26	27	0	80	0	80	7489.97	581

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Morrow Point Reservoir

	Unreg Inflow 1000 Ac-Ft	Blue_Mesa Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Evap losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
* Jan 2003	19	11	1	13	0	12	0	12	7151.64	110
H Feb 2003	18	15	2	17	0	15	0	15	7154.46	113
I Mar 2003	29	9	3	12	0	16	0	16	7148.63	108
S Apr 2003	48	50	7	57	0	52	0	52	7154.64	113
T May 2003	188	42	14	56	0	54	0	54	7157.73	115
O Jun 2003	180	48	10	58	0	59	0	59	7157.05	115
R Jul 2003	46	101	3	104	0	106	0	106	7154.89	113
I Aug 2003	36	93	3	95	0	97	0	97	7152.55	111
C Sep 2003	47	62	2	64	0	64	0	64	7153.42	112
WY 2003	678	489	48	537	0	530	0	530		
A Oct 2003	28	47	2	49	0	52	0	52	7149.88	109
L Nov 2003	25	16	2	18	0	16	0	16	7151.87	111
* Dec 2003	24	15	2	16	0	15	0	15	7153.36	112
Jan 2004	22	15	2	17	0	16	0	16	7153.73	112
Feb 2004	23	14	3	17	0	17	0	17	7153.73	112
Mar 2004	33	16	3	19	0	19	0	19	7153.73	112
Apr 2004	80	46	9	55	0	55	0	55	7153.73	112
May 2004	233	52	26	78	0	78	0	78	7153.73	112
Jun 2004	298	56	20	76	0	76	0	76	7153.73	112
Jul 2004	134	96	6	102	0	102	0	102	7153.73	112
Aug 2004	66	103	3	106	0	106	0	106	7153.73	112
Sep 2004	38	101	2	103	0	103	0	103	7153.73	112
WY 2004	1004	577	80	656	0	655	0	655		
Oct 2004	39	82	2	84	0	84	0	84	7153.73	112
Nov 2004	34	73	2	75	0	75	0	75	7153.73	112
Dec 2004	28	77	2	79	0	79	0	79	7153.73	112
Jan 2005	27	85	2	87	0	87	0	87	7153.73	112
Feb 2005	25	76	3	79	0	79	0	79	7153.73	112
Mar 2005	39	86	4	90	0	90	0	90	7153.73	112
Apr 2005	85	84	10	94	0	94	0	94	7153.73	112
May 2005	247	110	29	139	0	139	0	139	7153.73	112
Jun 2005	315	27	23	50	0	50	0	50	7153.73	112
Jul 2005	141	84	7	91	0	91	0	91	7153.73	112
Aug 2005	68	99	4	103	0	103	0	103	7153.73	112
Sep 2005	39	100	2	102	0	102	0	102	7153.73	112
WY 2005	1087	983	90	1073	0	1073	0	1073		
Oct 2005	39	82	2	84	0	84	0	84	7153.73	112
Nov 2005	34	76	2	78	0	78	0	78	7153.73	112
Dec 2005	28	80	2	82	0	82	0	82	7153.73	112

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Crystal Reservoir

	unreg Inflow 1000 Ac-Ft	Morrow Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Tunnel Flow 1000 Ac-Ft	Below_tunnel Flow 1000 Ac-Ft
* Jan 2003	22	12	3	15	2	14	16	6740.21	13	1	16
H Feb 2003	21	15	3	18	0	15	15	6752.71	17	0	14
I Mar 2003	34	16	4	20	10	11	21	6750.34	16	5	16
S Apr 2003	56	52	7	59	59	0	59	6752.87	17	43	16
T May 2003	206	54	18	72	72	0	72	6752.51	17	49	24
O Jun 2003	196	59	16	75	77	1	78	6740.47	13	48	34
R Jul 2003	52	106	6	111	108	1	109	6748.44	16	63	49
I Aug 2003	42	97	6	103	102	0	102	6752.65	17	62	41
C Sep 2003	52	64	5	68	70	0	70	6744.61	15	46	27
WY 2003	756	530	76	605	522	86	608			317	269
A Oct 2003	32	52	4	56	27	28	55	6746.98	15	34	23
L Nov 2003	29	16	4	20	0	20	20	6747.86	16	0	20
* Dec 2003	27	15	4	19	0	20	20	6744.53	15	1	19
Jan 2004	25	16	3	20	0	19	19	6746.05	15	0	19
Feb 2004	25	17	2	19	0	19	19	6746.05	15	0	19
Mar 2004	38	19	5	24	0	24	24	6746.05	15	5	19
Apr 2004	92	55	11	66	66	0	66	6746.05	15	30	36
May 2004	265	78	32	110	110	0	110	6746.05	15	55	55
Jun 2004	335	76	37	113	112	1	113	6746.05	15	60	53
Jul 2004	148	102	14	116	116	0	116	6746.05	15	65	51
Aug 2004	76	106	10	116	116	0	116	6746.05	15	65	51
Sep 2004	47	103	9	112	112	0	112	6746.05	15	55	57
WY 2004	1139	655	135	791	659	131	790			370	422
Oct 2004	47	84	8	92	92	0	92	6746.05	15	30	62
Nov 2004	40	75	6	81	81	0	81	6746.05	15	0	81
Dec 2004	33	79	5	84	84	0	84	6746.05	15	0	84
Jan 2005	32	87	5	92	92	0	92	6746.05	15	0	92
Feb 2005	30	79	4	83	83	0	83	6746.05	15	0	83
Mar 2005	47	90	8	97	97	0	97	6746.05	15	5	92
Apr 2005	104	94	18	112	112	0	112	6746.05	15	30	82
May 2005	299	139	52	191	116	75	191	6746.05	15	55	136
Jun 2005	378	50	62	112	112	0	112	6746.05	15	60	52
Jul 2005	167	91	26	116	116	0	116	6746.05	15	65	51
Aug 2005	82	103	14	116	116	0	116	6746.05	15	65	51
Sep 2005	49	102	10	113	112	1	113	6746.05	15	55	58
WY 2005	1308	1073	218	1289	1213	76	1289			365	924
Oct 2005	47	84	8	92	92	0	92	6746.05	15	30	62
Nov 2005	40	78	6	84	84	0	84	6746.05	15	0	84
Dec 2005	33	82	5	87	87	0	87	6746.05	15	0	87

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Vallecito Reservoir

		Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Jan 2003	3	0	7624.24	35
H	Feb 2003	3	0	7625.98	38
I	Mar 2003	5	0	7628.62	42
S	Apr 2003	14	0	7635.63	55
T	May 2003	53	29	7646.68	79
O	Jun 2003	30	40	7641.61	68
R	Jul 2003	9	36	7627.82	41
I	Aug 2003	11	26	7616.93	25
C	Sep 2003	17	6	7624.58	36
	WY 2003	163	142		
A	Oct 2003	6	4	7625.86	38
L	Nov 2003	6	0	7629.25	43
*	Dec 2003	5	0	7631.78	48
	Jan 2004	4	0	7633.77	52
	Feb 2004	4	2	7634.70	54
	Mar 2004	6	6	7634.81	54
	Apr 2004	23	28	7632.21	49
	May 2004	74	43	7646.75	79
	Jun 2004	90	45	7664.57	124
	Jul 2004	38	45	7662.12	118
	Aug 2004	20	45	7652.45	93
	Sep 2004	17	43	7641.01	67
	WY 2004	293	261		
	Oct 2004	14	24	7636.22	57
	Nov 2004	9	4	7638.66	62
	Dec 2004	6	5	7639.15	63
	Jan 2005	5	4	7639.61	64
	Feb 2005	5	4	7640.06	65
	Mar 2005	8	8	7640.06	65
	Apr 2005	21	22	7639.59	64
	May 2005	67	43	7650.19	88
	Jun 2005	82	45	7664.62	125
	Jul 2005	35	45	7660.88	115
	Aug 2005	19	43	7651.42	91
	Sep 2005	16	30	7645.50	77
	WY 2005	287	277		
	Oct 2005	14	12	7646.38	79
	Nov 2005	9	4	7648.51	84
	Dec 2005	6	4	7649.36	86

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Navajo Reservoir

	Mod_Unreg Inflow 1000 Ac-Ft	Azetea Tunnel_Div 1000 Ac-Ft	Reg Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	NIIP Diversion 1000 ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Farm Flow 1000 Ac-Ft
* Jan 2003	13	0	10	0	0	22	6009.14	815	39
H Feb 2003	15	0	12	0	0	20	6008.15	806	35
I Mar 2003	39	1	34	1	4	22	6008.99	813	44
S Apr 2003	71	11	48	2	16	21	6010.10	823	41
T May 2003	163	26	115	2	26	25	6016.96	884	98
O Jun 2003	81	19	68	3	36	29	6017.05	885	85
R Jul 2003	-9	1	17	3	41	58	6007.43	800	53
I Aug 2003	2	1	19	2	33	43	6000.18	740	51
C Sep 2003	48	3	35	2	15	24	5999.45	734	67
WY 2003	479	62	400	17	183	338			604
A Oct 2003	14	0	12	1	7	27	5996.50	711	49
L Nov 2003	24	0	18	1	0	16	5996.73	713	51
* Dec 2003	20	0	15	0	0	15	5996.63	712	78
Jan 2004	15	0	11	0	0	15	5996.06	708	15
Feb 2004	24	0	22	0	0	14	5997.08	716	14
Mar 2004	66	1	65	1	5	15	6002.62	760	15
Apr 2004	196	14	187	1	24	15	6019.49	907	15
May 2004	318	31	257	2	31	15	6040.27	1116	15
Jun 2004	298	32	221	3	43	15	6054.18	1275	15
Jul 2004	97	9	95	4	48	28	6055.40	1290	28
Aug 2004	50	3	72	3	43	36	6054.56	1280	36
Sep 2004	42	1	68	2	19	23	6056.49	1304	23
WY 2004	1164	91	1043	18	220	234			354
Oct 2004	44	1	53	1	12	22	6057.93	1322	22
Nov 2004	35	0	30	1	1	21	6058.52	1329	21
Dec 2004	25	0	24	1	0	22	6058.65	1331	22
Jan 2005	23	0	22	0	0	31	6057.87	1321	31
Feb 2005	30	0	29	1	0	28	6057.93	1322	28
Mar 2005	89	1	89	1	4	31	6062.04	1374	31
Apr 2005	170	14	156	2	21	30	6069.72	1477	30
May 2005	275	31	220	3	28	59	6078.82	1607	59
Jun 2005	257	32	188	4	39	120	6080.50	1632	120
Jul 2005	84	9	85	5	44	40	6080.27	1629	40
Aug 2005	45	3	67	3	43	34	6079.32	1615	34
Sep 2005	40	1	53	3	19	30	6079.41	1616	30
WY 2005	1117	92	1016	25	211	468			468
Oct 2005	44	1	41	2	12	31	6079.18	1612	31
Nov 2005	35	0	30	1	1	30	6079.06	1611	30
Dec 2005	25	0	23	1	0	31	6078.49	1602	31

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Lake Powell

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Bank Storage 1000 Ac-Ft	EOM Storage 1000 Ac-Ft	Lees Ferry 1000 Ac-Ft
*	Jan 2003	236	264	16	784	0	784	3615.28	19120	13269	798
H	Feb 2003	262	281	17	714	0	714	3611.02	19106	12833	727
I	Mar 2003	413	376	15	786	0	786	3607.13	19071	12444	794
S	Apr 2003	409	387	22	601	0	601	3605.10	19035	12243	605
T	May 2003	1156	1054	29	652	0	652	3610.26	18895	12756	661
O	Jun 2003	2003	1644	44	842	0	842	3616.20	19045	13365	865
R	Jul 2003	350	447	45	900	0	900	3610.63	19117	12794	935
I	Aug 2003	137	292	50	902	0	902	3604.21	19096	12156	927
C	Sep 2003	454	490	47	473	0	473	3603.73	19113	12110	485
	WY 2003	6358	6270	368	8227	0	8227				8390
A	Oct 2003	306	378	27	490	0	490	3601.93	19148	11935	495
L	Nov 2003	352	364	23	475	0	475	3600.48	19154	11796	485
*	Dec 2003	296	312	20	602	0	602	3597.22	19246	11487	610
	Jan 2004	300	319	18	788	0	788	3592.36	19210	11035	0
	Feb 2004	350	353	17	712	0	712	3588.52	19182	10687	0
	Mar 2004	575	500	21	788	0	788	3585.31	19159	10401	0
	Apr 2004	882	638	23	600	0	600	3585.46	19160	10415	0
	May 2004	2064	1555	32	650	0	650	3594.39	19225	11222	0
	Jun 2004	2759	2107	39	800	0	800	3606.65	19319	12396	0
	Jul 2004	1395	1210	46	925	1	924	3608.87	19336	12617	0
	Aug 2004	478	523	47	925	0	925	3604.66	19303	12201	0
	Sep 2004	371	440	41	476	0	476	3603.94	19297	12130	0
	WY 2004	10128	8699	354	8231	1	8230				1590
	Oct 2004	502	540	37	492	0	492	3604.04	19298	12140	0
	Nov 2004	496	534	30	476	0	476	3604.31	19300	12166	0
	Dec 2004	396	468	25	492	0	492	3603.84	19296	12120	0
	Jan 2005	365	453	19	850	0	850	3599.84	19266	11735	0
	Feb 2005	379	441	18	650	0	650	3597.63	19249	11525	0
	Mar 2005	597	558	22	600	0	600	3597.00	19244	11466	0
	Apr 2005	887	711	25	600	0	600	3597.85	19250	11546	0
	May 2005	2074	1696	35	650	0	650	3607.51	19325	12482	0
	Jun 2005	2773	2204	42	800	0	800	3619.80	19426	13742	0
	Jul 2005	1402	1189	50	910	0	910	3621.79	19443	13954	0
	Aug 2005	552	585	51	910	0	910	3618.51	19415	13606	0
	Sep 2005	428	502	43	800	0	800	3615.48	19390	13290	0
	WY 2005	10851	9881	397	8230	0	8230				0
	Oct 2005	557	598	39	600	0	600	3615.12	19387	13253	0
	Nov 2005	550	594	32	600	0	600	3614.78	19384	13217	0
	Dec 2005	439	520	27	500	0	500	3614.71	19384	13210	0

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Hoover Dam - Lake Mead

		Glen Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	SNWP Use 1000 Ac-Ft	Dwnstrm Reqmnts 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
*	Jan 2003	784	66	41	651	10.6	13	646	1095	1153.33	16854
H	Feb 2003	714	77	38	608	10.9	11	580	1104	1154.42	16978
I	Mar 2003	786	72	42	957	15.6	16	949	1094	1153.09	16826
S	Apr 2003	601	34	52	1138	19.1	21	1126	1059	1148.27	16287
T	May 2003	652	29	58	1017	16.5	24	1013	1033	1144.68	15893
O	Jun 2003	842	5	69	918	15.4	31	917	1023	1143.19	15733
R	Jul 2003	900	39	86	964	15.7	33	964	1014	1141.93	15598
I	Aug 2003	902	118	91	744	12.1	31	743	1023	1143.27	15741
C	Sep 2003	473	81	75	584	9.8	26	581	1015	1142.12	15618
	WY 2003	8227	656	719	9462		268	9383			
A	Oct 2003	490	21	54	539	8.8	26	537	1009	1141.17	15517
L	Nov 2003	475	46	54	637	10.7	20	635	997	1139.48	15337
*	Dec 2003	602	46	47	623	10.1	19	622	994	1139.12	15300
	Jan 2004	788	73	38	626	10.2	13	641	1005	1140.63	15458
	Feb 2004	712	98	35	797	13.9	12	788	1003	1140.40	15435
	Mar 2004	788	84	39	964	15.7	20	983	993	1138.89	15275
	Apr 2004	600	58	48	1095	18.4	25	1112	961	1134.15	14780
	May 2004	650	78	54	1024	16.6	32	1042	936	1130.49	14404
	Jun 2004	800	39	65	864	14.5	32	851	930	1129.48	14301
	Jul 2004	924	68	81	877	14.3	32	866	930	1129.60	14314
	Aug 2004	925	83	86	803	13.1	32	791	936	1130.51	14406
	Sep 2004	476	71	71	585	9.8	30	573	929	1129.33	14286
	WY 2004	8230	765	672	9434		293	9441			
	Oct 2004	492	62	52	342	5.6	30	331	937	1130.63	14419
	Nov 2004	476	60	52	674	11.3	21	672	925	1128.71	14223
	Dec 2004	492	77	44	658	10.7	16	656	915	1127.33	14084
	Jan 2005	850	73	36	713	11.6	13	732	924	1128.65	14217
	Feb 2005	650	98	33	734	13.2	12	726	923	1128.43	14195
	Mar 2005	600	84	37	939	15.3	20	956	903	1125.35	13886
	Apr 2005	600	58	45	1090	18.3	25	1113	871	1120.34	13392
	May 2005	650	78	51	1027	16.7	32	1044	846	1116.46	13018
	Jun 2005	800	39	61	911	15.3	32	853	840	1115.41	12917
	Jul 2005	910	68	76	874	14.2	32	867	840	1115.44	12920
	Aug 2005	910	83	81	812	13.2	32	793	845	1116.29	13001
	Sep 2005	800	71	67	597	10.0	30	574	857	1118.23	13188
	WY 2005	8230	851	635	9371		295	9316			
	Oct 2005	600	62	50	414	6.7	30	331	873	1120.67	13424
	Nov 2005	600	60	50	652	11.0	21	673	867	1119.86	13346
	Dec 2005	500	77	43	639	10.4	16	657	859	1118.51	13216

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Davis Dam - Lake Mohave

	Hoover Release 1000 Ac-Ft	Side inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Spill Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
* Jan 2003	651	-17	608	0	608	9.9	643.24	1705
H Feb 2003	608	-13	572	0	572	10.3	644.08	1728
I Mar 2003	957	-19	980	0	980	15.9	642.53	1686
S Apr 2003	1138	-30	1108	0	1108	18.6	642.53	1686
T May 2003	1017	-33	955	0	955	15.5	643.60	1715
O Jun 2003	918	-32	905	0	905	15.2	642.89	1696
R Jul 2003	964	-31	886	0	886	14.4	644.60	1743
I Aug 2003	744	-23	723	0	723	11.8	644.48	1739
C Sep 2003	584	-20	660	0	660	11.1	640.95	1643
WY 2003	9462	-256	9135	0	9135			
A Oct 2003	539	-7	706	0	706	11.5	634.31	1468
L Nov 2003	637	-11	568	0	568	9.5	636.53	1526
* Dec 2003	623	-18	540	0	540	8.8	638.98	1590
Jan 2004	626	-32	594	0	594	9.7	639.57	1606
Feb 2004	797	-26	696	0	696	12.1	642.00	1671
Mar 2004	964	-29	926	0	926	15.1	643.01	1699
Apr 2004	1095	-36	1076	0	1076	18.1	643.01	1699
May 2004	1024	-33	1009	0	1009	16.4	643.01	1699
Jun 2004	864	-28	851	0	851	14.3	642.00	1671
Jul 2004	877	-29	850	0	850	13.8	641.50	1658
Aug 2004	803	-35	756	0	756	12.3	641.50	1658
Sep 2004	585	-31	636	0	636	10.7	638.00	1564
WY 2004	9434	-315	9208	0	9208			
Oct 2004	342	-30	494	0	494	8.0	630.49	1371
Nov 2004	674	-28	555	0	555	9.3	634.00	1460
Dec 2004	658	-28	505	0	505	8.2	638.71	1583
Jan 2005	713	-32	617	0	617	10.0	641.80	1666
Feb 2005	734	-26	667	0	667	12.0	643.01	1699
Mar 2005	939	-29	927	0	927	15.1	643.01	1699
Apr 2005	1090	-36	1077	0	1077	18.1	643.01	1699
May 2005	1027	-33	1011	0	1011	16.4	643.01	1699
Jun 2005	911	-28	852	0	852	14.3	642.00	1671
Jul 2005	874	-29	852	0	852	13.9	641.50	1658
Aug 2005	812	-35	758	0	758	12.3	641.50	1658
Sep 2005	597	-31	637	0	637	10.7	638.00	1564
WY 2005	9371	-365	8952	0	8952			
Oct 2005	414	-30	495	0	495	8.0	630.49	1371
Nov 2005	652	-28	556	0	556	9.3	634.00	1460
Dec 2005	639	-28	506	0	506	8.2	638.71	1583

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Parker Dam - Lake Havasu

	Davis Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	MWD Diversion 1000 Ac-Ft	CAP diversion 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft	Flow_to Mexico 1000 Ac-Ft	Flow_to Mexico 1000 CFS
* Jan 2003	608	-2	378	6.1	58	179	445.69	537	134	2.2
H Feb 2003	572	13	376	6.8	6	167	447.62	573	181	3.3
I Mar 2003	980	-13	728	11.8	82	188	445.89	541	207	3.4
S Apr 2003	1108	1	800	13.4	82	176	448.60	592	205	3.4
T May 2003	955	49	709	11.5	53	184	448.83	596	112	1.8
O Jun 2003	905	-15	715	12.0	35	144	448.57	591	112	1.9
R Jul 2003	886	-13	742	12.1	51	76	448.81	596	122	2.0
I Aug 2003	723	-4	607	9.9	63	48	448.81	596	100	1.6
C Sep 2003	660	-9	572	9.6	57	54	447.05	562	93	1.6
WY 2003	9135	19	6840		764	1492			1571	
A Oct 2003	706	-9	509	8.3	60	125	447.20	565	73	1.2
L Nov 2003	568	6	336	5.7	67	175	446.96	560	100	1.7
* Dec 2003	540	9	347	5.6	75	171	444.52	516	119	1.9
Jan 2004	594	-6	350	5.7	58	188	444.00	507	130	2.1
Feb 2004	696	10	472	8.2	33	169	445.80	539	155	2.7
Mar 2004	926	12	676	11.0	61	185	446.70	555	200	3.3
Apr 2004	1076	0	803	13.5	59	176	448.71	594	193	3.2
May 2004	1009	-2	746	12.1	61	182	449.60	611	109	1.8
Jun 2004	851	-7	732	12.3	30	82	449.60	611	111	1.9
Jul 2004	850	-9	762	12.4	31	79	448.00	580	121	2.0
Aug 2004	756	1	664	10.8	31	72	447.50	570	100	1.6
Sep 2004	636	8	558	9.4	30	69	446.81	557	90	1.5
WY 2004	9208	13	6955		596	1673			1501	
Oct 2004	494	11	483	7.9	31	0	446.31	548	72	1.2
Nov 2004	555	17	374	6.3	40	163	445.99	543	99	1.7
Dec 2004	505	0	320	5.2	41	148	445.80	539	119	1.9
Jan 2005	617	-6	364	5.9	59	188	445.80	539	130	2.1
Feb 2005	667	10	474	8.5	33	169	445.80	539	155	2.8
Mar 2005	927	12	676	11.0	62	185	446.70	555	200	3.3
Apr 2005	1077	0	803	13.5	60	176	448.71	594	193	3.2
May 2005	1011	-2	747	12.1	62	182	449.60	611	109	1.8
Jun 2005	852	-7	733	12.3	30	82	449.60	611	111	1.9
Jul 2005	852	-9	763	12.4	31	79	448.00	580	121	2.0
Aug 2005	758	1	665	10.8	31	72	447.50	570	100	1.6
Sep 2005	637	8	558	9.4	30	69	446.81	557	90	1.5
WY 2005	8952	35	6960		510	1513			1499	
Oct 2005	495	11	484	7.9	31	0	446.29	548	72	1.2
Nov 2005	556	17	374	6.3	41	163	446.00	543	99	1.7
Dec 2005	506	0	320	5.2	42	148	445.80	539	119	1.9

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Hoover Dam - Lake Mead

	Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Hoover Static Head Feet	Hoover Generator Capacity MW	Hoover Gross Energy MKWH	Percent Of Units Available	KWH/AF
* Jan 2003	651	10.6	1153.33	16854	136	0.00	1183.0	285.8	62	438.7
H Feb 2003	608	10.9	1154.42	16978	125	0.00	1317.0	265.2	69	436.1
I Mar 2003	957	15.6	1153.09	16826	-152	0.00	1526.0	425.3	80	444.4
S Apr 2003	1138	19.1	1148.27	16287	-539	0.00	1431.0	504.4	75	443.3
T May 2003	1017	16.5	1144.68	15893	-393	0.00	1509.0	443.4	82	435.8
O Jun 2003	918	15.4	1143.19	15733	-161	0.00	1840.0	394.8	100	429.9
R Jul 2003	964	15.7	1141.93	15598	-135	0.00	1840.0	413.6	100	428.8
I Aug 2003	744	12.1	1143.27	15741	144	0.00	1840.0	313.4	100	421.2
C Sep 2003	584	9.8	1142.12	15618	-124	0.00	1840.0	242.1	100	414.5
WY 2003	9463							4112.9		
A Oct 2003	539	8.8	1141.17	15517	-101	0.00	1490.0	225.4	81	418.5
L Nov 2003	637	10.7	1139.48	15337	-178	0.00	1233.0	272.5	67	427.7
* Dec 2003	623	10.1	1139.12	15300	-38	0.00	1141.0	266.0	62	426.8
Jan 2004	626	10.2	1140.63	15458	159	492.68	1168.7	281.2	62	449.5
Feb 2004	797	13.9	1140.40	15435	-23	491.67	1281.8	352.1	68	441.9
Mar 2004	964	15.7	1138.89	15275	-160	489.56	1300.7	439.3	69	455.7
Apr 2004	1095	18.4	1134.15	14780	-495	486.11	1300.7	499.3	69	455.9
May 2004	1024	16.6	1130.49	14404	-376	478.48	1885.0	443.1	100	432.9
Jun 2004	864	14.5	1129.48	14301	-102	476.48	1885.0	366.4	100	424.3
Jul 2004	877	14.3	1129.60	14314	13	476.54	1885.0	372.1	100	424.2
Aug 2004	803	13.1	1130.51	14406	92	477.21	1885.0	336.6	100	419.4
Sep 2004	585	9.8	1129.33	14286	-120	478.22	1885.0	238.2	100	406.9
WY 2004	9433							4092.2		
Oct 2004	342	5.6	1130.63	14419	133	481.08	1771.9	129.6	94	378.7
Nov 2004	674	11.3	1128.71	14223	-195	485.34	1413.8	287.6	75	426.7
Dec 2004	658	10.7	1127.33	14084	-139	481.99	1300.7	278.1	69	422.8
Jan 2005	713	11.6	1128.65	14217	133	479.41	1300.7	314.2	69	440.6
Feb 2005	734	13.2	1128.43	14195	-22	478.55	1300.7	315.0	69	429.1
Mar 2005	939	15.3	1125.35	13886	-309	476.50	1300.7	416.0	69	443.2
Apr 2005	1090	18.3	1120.34	13392	-493	472.47	1300.7	487.5	69	447.2
May 2005	1027	16.7	1116.46	13018	-375	466.72	1526.8	440.1	81	428.6
Jun 2005	911	15.3	1115.41	12917	-100	462.51	1885.0	357.8	100	392.6
Jul 2005	874	14.2	1115.44	12920	3	462.49	1885.0	363.2	100	415.8
Aug 2005	812	13.2	1116.29	13001	81	463.09	1885.0	328.9	100	405.2
Sep 2005	597	10.0	1118.23	13188	187	465.62	1885.0	233.6	100	391.3
WY 2005	9370							3951.5		
Oct 2005	414	6.7	1120.67	13424	236	472.68	1413.8	128.9	75	311.2
Nov 2005	652	11.0	1119.86	13346	-78	475.96	1413.8	283.5	75	434.9
Dec 2005	639	10.4	1118.51	13216	-130	473.18	1300.7	274.2	69	429.0

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Davis Dam - Lake Mohave

	Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Davis Static Head Feet	Davis Generator Capacity MW	Davis Gross Energy MKWH	Percent Of Units Available	KWH/AF
* Jan 2003	608	9.9	643.24	1705	26	0.00	154.0	76.7	64	126.2
H Feb 2003	572	10.3	644.08	1728	23	0.00	178.0	73.2	74	128.0
I Mar 2003	980	15.9	642.53	1686	-42	0.00	197.0	124.6	82	127.1
S Apr 2003	1108	18.6	642.53	1686	0	0.00	240.0	138.5	100	125.0
T May 2003	955	15.5	643.60	1715	29	0.00	255.0	120.9	100	126.5
O Jun 2003	905	15.2	642.89	1696	-19	0.00	255.0	113.6	100	125.6
R Jul 2003	886	14.4	644.60	1743	47	0.00	255.0	111.6	100	125.9
I Aug 2003	723	11.8	644.48	1739	-3	0.00	255.0	91.6	100	126.7
C Sep 2003	660	11.1	640.95	1643	-96	0.00	204.0	82.2	80	124.6
WY 2003	9134							1143.3		
A Oct 2003	706	11.5	634.31	1468	-175	0.00	204.0	84.7	80	120.0
L Nov 2003	568	9.5	636.53	1526	58	0.00	196.0	67.9	77	119.5
* Dec 2003	540	8.8	638.98	1590	65	0.00	173.0	65.3	68	120.9
Jan 2004	594	9.7	639.57	1606	15	134.94	163.2	73.5	64	123.8
Feb 2004	696	12.1	642.00	1671	66	135.66	188.7	86.4	74	124.2
Mar 2004	926	15.1	643.01	1699	28	136.79	209.1	115.6	82	124.8
Apr 2004	1076	18.1	643.01	1699	0	136.05	255.0	133.8	100	124.4
May 2004	1009	16.4	643.01	1699	0	136.05	255.0	126.0	100	124.8
Jun 2004	851	14.3	642.00	1671	-28	135.52	255.0	106.4	100	125.1
Jul 2004	850	13.8	641.50	1658	-14	134.73	255.0	105.9	100	124.5
Aug 2004	756	12.3	641.50	1658	0	134.46	255.0	94.4	100	124.8
Sep 2004	636	10.7	638.00	1564	-94	132.63	255.0	78.7	100	123.8
WY 2004	9208							1138.6		
Oct 2004	494	8.0	630.49	1371	-193	128.32	204.0	59.2	80	119.9
Nov 2004	555	9.3	634.00	1460	89	126.46	196.3	65.2	77	117.6
Dec 2004	505	8.2	638.71	1583	123	131.54	173.4	61.5	68	121.7
Jan 2005	617	10.0	641.80	1666	83	135.97	163.2	76.9	64	124.5
Feb 2005	667	12.0	643.01	1699	33	137.30	188.7	83.8	74	125.7
Mar 2005	927	15.1	643.01	1699	0	137.29	209.1	116.1	82	125.3
Apr 2005	1077	18.1	643.01	1699	0	136.05	255.0	133.9	100	124.4
May 2005	1011	16.4	643.01	1699	0	136.05	255.0	126.2	100	124.8
Jun 2005	852	14.3	642.00	1671	-28	135.52	255.0	106.6	100	125.0
Jul 2005	852	13.9	641.50	1658	-14	134.73	255.0	106.1	100	124.5
Aug 2005	758	12.3	641.50	1658	0	134.46	255.0	94.6	100	124.8
Sep 2005	637	10.7	638.00	1564	-94	132.63	255.0	78.8	100	123.8
WY 2005	8952							1108.9		
Oct 2005	495	8.0	630.49	1371	-193	128.32	204.0	59.3	80	119.9
Nov 2005	556	9.3	634.00	1460	89	126.46	196.3	65.3	77	117.6
Dec 2005	506	8.2	638.71	1583	123	131.54	173.4	61.6	68	121.7

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Parker Dam - Lake Havasu

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Parker Static Head Feet	Parker Generator Capacity MW	Parker Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Jan 2003	378	6.1	445.69	537	-10	0.00	120.0	25.5	100	67.5
H	Feb 2003	376	6.8	447.62	573	36	0.00	120.0	25.2	100	67.1
I	Mar 2003	728	11.8	445.89	541	-32	0.00	120.0	48.5	100	66.6
S	Apr 2003	800	13.4	448.60	592	50	0.00	120.0	53.8	100	67.2
T	May 2003	709	11.5	448.83	596	5	0.00	120.0	48.4	100	68.3
O	Jun 2003	715	12.0	448.57	591	-5	0.00	120.0	48.8	100	68.3
R	Jul 2003	742	12.1	448.81	596	5	0.00	120.0	50.7	100	68.3
I	Aug 2003	607	9.9	448.81	596	-0	0.00	120.0	41.6	100	68.5
C	Sep 2003	572	9.6	447.05	562	-33	0.00	113.0	39.9	94	69.8
	WY 2003	6841							465.3		
A	Oct 2003	509	8.3	447.20	565	3	0.00	92.0	34.6	77	68.0
L	Nov 2003	336	5.7	446.96	560	-5	0.00	94.0	22.9	78	68.0
*	Dec 2003	347	5.6	444.52	516	-44	0.00	103.0	23.1	86	66.5
	Jan 2004	350	5.7	444.00	507	-9	71.74	120.0	21.6	100	61.7
	Feb 2004	472	8.2	445.80	539	32	72.36	120.0	29.7	100	63.0
	Mar 2004	676	11.0	446.70	555	16	73.67	120.0	43.7	100	64.6
	Apr 2004	803	13.5	448.71	594	38	75.09	120.0	53.0	100	66.0
	May 2004	746	12.1	449.60	611	18	76.49	120.0	50.0	100	66.9
	Jun 2004	732	12.3	449.60	611	0	76.93	120.0	49.2	100	67.3
	Jul 2004	762	12.4	448.00	580	-31	76.15	120.0	50.8	100	66.7
	Aug 2004	664	10.8	447.50	570	-10	75.13	120.0	43.6	100	65.7
	Sep 2004	558	9.4	446.81	557	-13	74.55	120.0	36.2	100	64.9
	WY 2004	6955							458.4		
	Oct 2004	483	7.9	446.31	548	-9	75.37	90.0	31.6	75	65.4
	Nov 2004	374	6.3	445.99	543	-6	74.98	90.0	24.1	75	64.4
	Dec 2004	320	5.2	445.80	539	-4	74.73	90.0	20.3	75	63.5
	Jan 2005	364	5.9	445.80	539	0	74.64	90.0	23.3	75	64.0
	Feb 2005	474	8.5	445.80	539	0	74.64	90.0	30.9	75	65.1
	Mar 2005	676	11.0	446.70	555	16	75.08	90.0	44.6	75	66.0
	Apr 2005	803	13.5	448.71	594	38	75.09	120.0	53.0	100	66.0
	May 2005	747	12.1	449.60	611	18	76.49	120.0	50.0	100	66.9
	Jun 2005	733	12.3	449.60	611	0	76.93	120.0	49.3	100	67.3
	Jul 2005	763	12.4	448.00	580	-31	76.15	120.0	50.9	100	66.7
	Aug 2005	665	10.8	447.50	570	-10	75.13	120.0	43.7	100	65.7
	Sep 2005	558	9.4	446.81	557	-13	74.86	112.8	36.4	94	65.2
	WY 2005	6960							458.1		
	Oct 2005	484	7.9	446.29	548	-9	75.24	92.4	31.6	77	65.3
	Nov 2005	374	6.3	446.00	543	-5	74.79	93.6	24.0	78	64.2
	Dec 2005	320	5.2	445.80	539	-4	74.07	103.2	20.2	86	63.0

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Upper Basin Power

		Glen Canyon 1000 MWHR	Flam Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Res 1000 MWHR	Font Res 1000 MWHR
*	Jan 2003	345	16	3	4	0	3
H	Feb 2003	326	19	4	5	0	2
I	Mar 2003	334	17	2	5	1	4
	Winter 2003	1708	101	22	33	4	16
S	Apr 2003	254	16	12	18	11	6
T	May 2003	275	48	11	20	18	5
O	Jun 2003	0	0	0	0	0	0
R	Jul 2003	386	17	29	39	20	3
I	Aug 2003	382	17	26	36	23	3
C	Sep 2003	201	32	17	23	22	3
	Summer 2003	1498	130	95	135	94	21
A	Oct 2003	206	17	13	18	8	2
L	Nov 2003	198	17	4	6	0	3
*	Dec 2003	251	22	4	5	1	3
	Jan 2004	307	17	4	6	12	4
	Feb 2004	275	16	4	6	21	3
	Mar 2004	303	17	4	7	21	5
	Winter 2004	1541	105	33	48	63	20
	Apr 2004	230	17	13	20	22	6
	May 2004	251	45	15	28	22	7
	Jun 2004	315	52	17	27	21	8
	Jul 2004	370	22	30	37	17	10
	Aug 2004	369	22	32	38	15	10
	Sep 2004	189	22	31	37	16	6
	Summer 2004	1724	179	138	187	113	46
	Oct 2004	195	22	25	30	17	6
	Nov 2004	189	22	22	27	16	6
	Dec 2004	195	22	23	28	18	6
	Jan 2005	336	22	25	31	21	5
	Feb 2005	255	20	22	28	22	4
	Mar 2005	235	22	24	32	21	5
	Winter 2005	1406	130	140	178	116	32
	Apr 2005	235	22	23	34	22	6
	May 2005	257	58	31	50	22	7
	Jun 2005	324	68	8	18	21	8
	Jul 2005	374	22	26	33	17	10
	Aug 2005	374	22	31	37	16	8
	Sep 2005	327	22	31	37	16	7
	Summer 2005	1891	215	151	209	115	45
	Oct 2005	244	23	25	30	0	6
	Nov 2005	244	22	23	28	0	6
	Dec 2005	203	23	24	29	-NaN	6

BUREAU OF RECLAMATION - CRFS 1/2004 MOST PROB WATER SUPPLY JOB STARTED:Tus JAN 13 8:53:27 2004

model_run_id = 1295

F L O O D C O N T R O L C R I T E R I A
B E G I N N I N G O F M O N T H C O N D I T I O N S

MON	YEAR	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	LAKE POWELL KAF	UPPER BASIN TOTAL KAF	LAKE MEAD KAF	TOTAL KAF	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	TOT OR MAX ALLOW KAF	LAKE POWELL KAF	LAKE MEAD KAF	TOTAL KAF	BOM SPACE REQD KAF	MEAD SCHED REL KAF	MEAD FC REL KAF	SYS CONT MAF
			* * * * P R E D I C T E D S P A C E * * * *									* * * * C R E D I T A B L E S P A C E * * * *							
JAN	2004	1289	453	984	12833	15559	12080	27639	1289	453	984	2726	12833	12080	27639	5350	641	0	32.7
												* * * * E F F E C T I V E S P A C E * * * *							
JAN	2004	1289	453	984	12833	15559	12080	27639	523	453	740	1716	12833	12080	26630	5350	641	0	32.7
FEB	2004	1314	449	988	13285	16036	11922	27958	547	449	744	1740	13285	11922	26947	1500	788	0	32.4
MAR	2004	1336	443	980	13633	16392	11945	28337	566	443	736	1745	13633	11945	27323	1500	983	0	32.1
APR	2004	1325	427	936	13919	16607	12105	28712	550	427	686	1663	13919	12105	27687	1500	1112	0	31.9
MAY	2004	1260	402	789	13905	16356	12600	28956	475	402	514	1391	13905	12600	27897	1500	1042	0	32.8
JUN	2004	1159	256	580	13098	15093	12976	28070	363	254	273	890	13098	12976	26964	1500	851	0	34.4
JUL	2004	954	57	421	11924	13355	13079	26434	142	32	67	240	11924	13079	25242	1500	866	0	34.8
												* * * * C R E D I T A B L E S P A C E * * * *							
AUG	2004	829	27	406	11703	12965	13066	26031	829	27	406	1262	11703	13066	26031	1500	791	0	34.4
SEP	2004	815	56	416	12119	13406	12974	26380	815	56	416	1287	12119	12974	26380	2270	573	0	34.0
OCT	2004	829	112	392	12190	13523	13094	26617	829	112	392	1333	12190	13094	26617	3040	331	0	33.9
NOV	2004	837	158	374	12180	13549	12961	26511	837	158	374	1369	12180	12961	26511	3810	672	0	33.8
DEC	2004	850	199	367	12154	13570	13157	26727	850	199	367	1416	12154	13157	26727	4580	656	0	33.7
JAN	2005	878	248	365	12200	13691	13296	26986	878	248	365	1491	12200	13296	26986	5350	732	0	33.4
												* * * * E F F E C T I V E S P A C E * * * *							
JAN	2005	878	248	365	12200	13691	13296	26986	609	248	365	1222	12200	13296	26718	5350	732	0	33.4
FEB	2005	901	306	375	12585	14167	13163	27330	629	306	375	1310	12585	13163	27058	1500	726	0	33.1
MAR	2005	915	358	374	12795	14442	13185	27626	640	358	374	1372	12795	13185	27351	1500	956	0	32.8
APR	2005	885	407	322	12854	14468	13494	27962	604	407	322	1333	12854	13494	27681	1500	1113	0	32.6
MAY	2005	814	413	219	12774	14221	13988	28208	523	413	219	1155	12774	13988	27917	1500	1044	0	33.5
JUN	2005	714	315	89	11838	12957	14362	27319	410	315	89	814	11838	14362	27015	1500	853	0	35.2
JUL	2005	493	76	64	10578	11211	14463	25674	172	50	45	267	10578	14463	25308	1500	867	0	35.5
												* * * * C R E D I T A B L E S P A C E * * * *							
AUG	2005	341	27	67	10366	10802	14460	25262	341	27	67	436	10366	14460	25262	1500	793	0	35.2
SEP	2005	319	53	81	10714	11167	14379	25546	319	53	81	453	10714	14379	25546	2270	574	0	34.9
OCT	2005	331	109	80	11030	11550	14192	25742	331	109	80	520	11030	14192	25742	3040	331	0	34.9
NOV	2005	335	153	84	11067	11638	13956	25594	335	153	84	571	11067	13956	25594	3810	673	0	34.8
DEC	2005	342	196	85	11103	11727	14034	25761	342	196	85	624	11103	14034	25761	4580	657	0	34.7

Date: April 12, 2004

From: Water Resource Group, Salt Lake City

To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Status

	March inflow(unreg) (Acre-Feet)	Percent of normal	Midnight April 11 Elevation	Reservoir Storage (Acre-Feet)
Fontenelle	23,000	79	6482.85	183,000
Flaming Gorge	33,000	70	6009.79	2,634,000
Blue Mesa	20,000	88	7470.60	440,000
Powell	245,000	58	3583.02	10,200,000
Navajo	23,000	77	6010.79	829,000

Expected Operation

FONTENELLE – The current elevation of Fontenelle Reservoir is 6483.07 feet above sea level. Releases are steady at about 750 cfs and the inflows are averaging about 1500 cfs.

Snowpack conditions above Fontenelle decreased significantly during the month of March. As of March 1st, 2004 the snowpack above Fontenelle Reservoir measured 88.2% of normal. As of April 1st, the snowpack measured 74.5% of normal and as of April 13th the snowpack now measures 62.7% of normal. The snowpack building season is nearly complete for 2004.

The Colorado Basin River Forecast Center (CBRFC) has updated the 2004 Water Supply Forecast for Fontenelle to 500,000 acre-feet (58% of normal) for the period from April through July. This is down 125,000 acre-feet from on month ago. It is still very likely that Fontenelle Reservoir will fill during the summer of 2004. The reservoir elevation is currently 6483.07 feet above sea level and increasing. Releases are currently near 750 cfs and will likely be increased to about powerplant capacity (~1500 cfs) by the end of April. By late July Fontenelle will be very nearly full depending on how much inflow Fontenelle receives over the next 4 month.

Open forum discussions on Fontenelle operations take place at the "Fontenelle Reservoir Working Group" meetings. The Working Group is a forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir. The public is encouraged to attend and express their concerns and interests with regard to Fontenelle Reservoir operation. The next Working Group meeting is scheduled for April 14th, 2004 at 10:00 a.m. and will at the Wyoming Fish and Game office located in Green River Wyoming. For more information about the Working Group, contact Ed Vidmar at 801-379-1182.

FLAMING GORGE – The current elevation of Flaming Gorge (4/13) is about 6009.8 feet above sea level (30.2 feet from full pool elevation). Inflows have been averaging about 1400 cfs over the past 10 days while releases are averaging about 860 cfs.

The Colorado Basin River Forecast Center (CBRFC) has updated the coordinated water supply forecast for Water Year 2004. The official forecast for Flaming Gorge Reservoir was updated during the first week of April to 620,000 acre-feet (52% of normal) of unregulated inflow for the April-July period. This reflects a 205,000 acre-foot decrease from March's forecast. Snow conditions above Flaming Gorge decreased significantly during March. On March 1st the snowpack above Flaming Gorge measured 88.3% of normal. As of April 1st, the snowpack was 70.7% of normal. As of April 13th the snowpack had decreased to 58.7% of normal. The snowpack building season is nearly complete at this point of the year.

Based on the forecast, Flaming Gorge Reservoir will likely see some filling during the spring runoff. Currently the reservoir elevation is 6009.79 feet above sea level (30.21 feet from full pool elevation). Inflows are beginning to increase and the reservoir elevation will likely increase over the next 5 months by 2 to 4 feet.

The next "Flaming Gorge Working Group" meeting is to be held on April 15th, 2004 in Vernal, Utah at 10:00 a.m. at the Western Park Convention Center. The Working Group is a forum for information exchange between Reclamation and all other parties associated with the operation of Flaming Gorge Reservoir. The public is encouraged to attend and express their concerns and interests with regard to the operation of Flaming Gorge Reservoir. For more information about the Working Group please contact Ed Vidmar at 801-379-1182.

ASPINALL - March unregulated inflow into Blue Mesa Reservoir was 46,000 acre-feet or 131 percent of average. This higher than average inflow volume was mainly the result of a much drier and warmer March. Therefore, drought conditions still remain the controlling factor for water management throughout the region. Precipitation during the month of March was only 30 percent of average. On March 10, 2004 the basin snowpack was averaging 99 percent of average, however by April 10th the basin snowpack was only averaging 77 percent of average. With the soil moisture being severely depleted from 4 years of drought, we can expect of much reduced spring runoff from the already below normal snowpack. The current inflow rate into Blue Mesa Reservoir is about 1200 cfs and reservoir releases are averaging about 300 cfs. Blue Mesa's present elevation is 7470.6 feet, which corresponds to a storage content of about 440,000 acre-feet. To view the most current reservoir elevation, content, inflow and release, click on: Blue Mesa Reservoir Data or Crystal Reservoir Data.

On April 5, 2004, the National Weather Service's River Forecast Center issued the forecasted inflow for the April through July runoff period. The forecast is projecting a volume runoff into Blue Mesa Reservoir of 460,000 acre-feet or 64 percent of average. This is a reduction of 160,000 acre-feet from March's seasonal runoff forecast of 620,000 acre-feet. Based on this forecast, Blue Mesa Reservoir is not expected to fill this year.

Uncompahgre Valley Water Users (UVWU) started diverting water through their Gunnison Tunnel on March 23, 2004. Releases from Crystal Dam were increased to correspond to tunnel demands.

Currently, releases from Crystal are set at 700 cfs. The river flows below the tunnel are about 300 cfs. Due to the severity of the continuing drought in the Gunnison River Basin, river flows through the Black Canyon of the Gunnison have been set close to the minimum flow rate of 300 cfs since the close of late season's (2003) irrigation. It is anticipated that canyon flows will start to increase as downstream demands pick up, which should start to increase sometime during the first part of May.

The next meeting of the "Aspinall Unit Working Group" will be held on Thursday, April 22, 2004 at 1:00 PM in Grand Junction, Colorado. At this meeting, review of last autumn and winter reservoir operations, and plans for next spring and summer 2004 operations will be discussed. These meetings are open forum discussions on the Aspinall Unit reservoir operations with many interested groups participating. Anyone needing further information about these meetings should contact Dan Crabtree in the Grand Junction Area Office at (970) 248-0652.

Navajo - Reclamation increased the release from Navajo Reservoir from 250 cubic feet per second (cfs) to 350 cfs on Thursday, April 1, 2004, at 4:00 am. Releases are made for the authorized purposes of the Navajo Unit, and to attempt to maintain a target base flow through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell).

Once again this year, a shortage sharing agreement on the San Juan River has been developed by water users. The agreement calls for users to limit their water use and share in shortages in the event a water shortage is realized.

Minimum Target Base Flows for recovery of endangered fish will be 400 cfs through October based on the 2004 Shortage Sharing Agreement recommendations that target base flows be reduced from 500 cfs to 400 cfs for the April through October period, if the Minimum Probable forecast projects the July End-of-Month Content to be below 1,000,000 acre-feet.

Based on the 2004 Shortage Sharing rules, a shortage does not exist under the April forecast.

Because of gate repair work at Navajo Dam this spring, a spring peak release will not be made for endangered fish this year. The minimum allowable reservoir release will be 350 cfs through October, unless the Record of Decision (ROD) for the Navajo Reservoir EIS is signed before that time.

Unregulated reservoir inflow for March was 119,000 acre-feet, or 133 percent of average. This unexpected above normal inflow was a direct result of much warmer temperatures than usual during March, thus initiating an early start to the annual spring runoff. The current daily reservoir inflow is averaging about 2,000 cfs. Presently, the reservoir water surface elevation is 6010.8 feet, which corresponds to a storage content of about 829,000 acre-feet. The monthly precipitation average in the basin above Bluff was only 20 percent of average for March. The basin wide snowpack on April 10 was 87 percent of normal for the Animas River basin, and 89 percent of normal for the upper San Juan River basin.

On April 5, 2004, the National Weather Service's River Forecast Center issued an inflow forecast for Navajo Reservoir for the April through July runoff period. This forecast is projecting a volume runoff into the reservoir of 600,000 acre-feet. This represents a 75 percent of normal runoff for the Upper San Juan River Basin.

A public meeting on Navajo Reservoir operations will held on Tuesday, April 13, 2004 at 1:00 PM in Farmington, New Mexico. At this meeting, review of last autumn and winter reservoir operations, and plans for next spring and summer 2004 operations will be discussed. These are open forum discussions on the operation of Navajo Reservoir with many interested groups participating. Anyone interested in the general operation of the reservoir is encouraged to attend. Please contact Pat Page in Reclamation's Durango, Colorado Office at (970) 385-6560 for information about these meetings or the daily operation of Navajo Reservoir.

Lake Powell

Glen Canyon Dam Operations - Experimental Flows

In April 2004, a volume of 650,000 acre-feet is scheduled to be released from Lake Powell, which is an average of 10,900 cubic feet per second (cfs). On Mondays through Fridays in April, daily fluctuations due to load following will likely vary between a low of about 7,800 cfs (during late evening and early morning off-peak hours) to a high of about 13,800 cfs (during late afternoon and early evening on-peak hours). On Saturdays, releases will likely vary between a low of about 7,800 cfs during off-peak hours to a high of about 12,500 cfs during on-peak hours. On Sundays, releases will likely vary between a low of about 7,800 cfs during off-peak hours to a high of about 12,000 cfs during on-peak hours. This release pattern is shown in the following graph. It should be noted,however, that actual releases will occasionally deviate somewhat from those displayed due to real-time power system considerations.

A volume of 600,000 acre-feet is scheduled to be released in May which is an average release of 9,760 cfs. Because of the draw down condition of Lake Powell, releases from Lake Powell in water year 2004 are being scheduled to meet the minimum release objective of 8.23 million acre-feet. This is consistent with the requirements of the Criteria for Coordinated Long-Range Operation of Colorado River Reservoirs.

Daily high fluctuating releases from Glen Canyon Dam, as part of the Glen Canyon Dam experimental flows, were implemented from January through March 2004. Releases, each day, varied between a low of 5,000 cfs to a high of 20,000 cfs (except for Sundays in February and March) throughout this period. The experimental flows will not change the total volume of water to be released from Lake Powell in water year 2004.

The January through March high fluctuating releases are intended to benefit the endangered humpback chub. Scientists have recognized that the humpback chub population has been in general decline since highly fluctuating flows were curtailed in November of 1991. Those flows helped keep the non-native fish, especially the rainbow and brown trout, in check. The trout are thought to prey upon and compete with native fish such as the endangered humpback chub. This is the second year of high fluctuating releases as part of the experimental flows. High fluctuating releases were first implemented in January through March of 2003.

The experimental flows from Glen Canyon Dam received environmental clearances in December 2002. The flows were analyzed in an environmental assessment in accordance with the National Environmental Policy Act. The experimental flows are the result of ongoing studies by scientists from the United States Geological Survey and were recommended by the Glen Canyon Dam Adaptive Management Work Group, a Federal advisory committee. The experimental flows address

the decline of two key resources in the Grand Canyon; sediment and population viability of endangered humpback chub. The Finding of No Significant Impact on the experimental flows can be found at http://www.uc.usbr.gov/amp/flow_fonsi.pdf .

Upper Colorado River Basin Hydrology

The month of March pretty much dashed hopes that 2004 would bring relief to the ongoing drought in the Colorado River Basin. Basin snowpack on March 1, 2004 was 96 percent of average. At that time the April through July inflow was forecasted to be 82 percent of average. The weather pattern in March, 2004 was very dry and extremely warm for early spring. Temperatures around the basin for much of the month were 20 degrees above average. As of April 7, 2004 snowpack in the basin has fallen to 65 percent of average, a drop over 30 percentage points in just one month. The low elevation snow (below 6,000 feet) in the basin is now gone and much of the mid-elevation snow (6,000 to 9,000 feet) has melted out as well. While river flows increased in late March and early April, these increases are not nearly enough to offset the early season loss of snow and the possibility of better runoff conditions in May and June. The National Weather Service March final forecast is calling for 4.0 million acre-feet of unregulated inflow to Lake Powell during the April through July runoff period, only 50 percent of average. This is a sizable reduction from the volume forecasted only a month ago. The temperature pattern in April remains above average. There have been several precipitation events, primarily in the southern portions of the basin so far in April, however.

So, the drought continues. The Colorado River Basin is now in its 5th year of drought. Inflow volumes have been below average for 4 consecutive years, with 2004 almost certain to follow suit. Unregulated inflow in water year 2003 was only 53 percent of average. Unregulated inflow in 2000, 2001 and 2002 was 62, 59, and 25 percent of average, respectively. Inflow in 2002 was the lowest ever observed since the completion of Glen Canyon Dam in 1963.

Inflow to Lake Powell in March 2004 picked up as the abnormally warm and dry weather pattern melted out significant amounts of snow in the basin. Even so, March inflow ended up below normal. Unregulated inflow in March was 538,000 acre-feet, 81 percent of average. A large portion of the melting snow last month was absorbed by the dry soils in the basin. As of April 6, 2004 inflow to Lake Powell is 11,700 cfs about 97 percent of what is normally seen in early April. It should be noted that the snow is melting out much earlier than average this year and the flows we are seeing now are likely at the expense flows in May, June and July.

Low inflows the past 5 years have reduced water storage in Lake Powell. The current elevation (as of April 7, 2004) of Lake Powell is 3,583 feet (117 feet from full pool). Current storage is 10.2 million acre-feet (42 percent of live capacity).

The water surface elevation of Lake Powell is at its seasonal low. The water surface elevation will likely increase in April, May and early June. Under the current inflow forecast, Lake Powell is projected to reach an early summer peak elevation of 3,590 feet, probably in mid-June.

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-280
125 SOUTH STATE STREET, ROOM 6107
SALT LAKE CITY, UT 84138-1102
PHONE 801-524-5571

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RUNOFF PROJECTIONS AND INFLOW INFORMATION INTO UPPER BASIN RESERVOIR PROVIDED BY THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICE'S COLORADO BASIN RIVER FORECAST CENTER ARE AS FOLLOWS

:	Obs					Forecast			Outlook	
:	dec	jan	feb	mar	%Avg	apr	may	jun	apr-jul	%Avg
GLDA3:Lake Powell	296	288	245	538	81%:	800/	1400/	1400/	4000/:	50%
GBRW4:Fontenelle	28	25	23	58	112%:	85/	100/	230/	500/:	58%
GRNU1:Flaming Gorge	27	27	33	98	91%:	125/	145/	260/	620/:	52%
BMDC2:Blue Mesa	22	21	20	46	131%:	70/	160/	180/	460/:	64%
MPSC2:Morrow Point	24	23	22	51	127%:	80/	175/	193/	500/:	64%
CLSC2:Crystal	27	27	26	59	125%:	95/	200/	215/	565/:	62%
VCRC2:Vallecito	5.0	5.1	4.5	15.9	197%:	21/	57/	56/	150/:	73%
NVRN5:Navajo	19.6	17.3	24	119	133%:	127/	217/	190/	600/:	75%
MPHC2:McPhee	3.1	3.6	3.7	25	151%:	55/	85/	55/	205/:	64%
TPIC2:Taylor Park	3.8	3.9	3.7	5.5	127%:	9/	20/	30/	70/:	68%
RBSC2:Ridgway					:	/	/	/	80/:	78%
LEMC2:Lemon	0.81	0.73	0.63	3.1	212%:	4.8/	13/	16/	38/:	66%

: ** UNREGULATED CRYSTAL INFLOW COMBINES BLUE MESA UNREGULATED
: INFLOW PLUS THE SIDE INFLOW TO BOTH MORROW POINT AND CRYSTAL

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T E M R E S E R V O I R S

Bureau of Reclamation - CRFS 4/2004 Most Prob Water Supply 06-apr-2004 15:26:28

Fontenelle Reservoir

		Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Apr 2003	56	1	83	4	87	6477.50	154
H	May 2003	76	1	74	13	87	6475.15	142
I	Jun 2003	189	2	63	0	63	6495.52	266
S	Jul 2003	69	2	46	0	46	6498.43	287
T	Aug 2003	35	2	47	0	47	6496.53	273
O	Sep 2003	31	2	46	0	46	6494.31	258
	WY 2003	653	16	598	31	629		
R	Oct 2003	27	1	29	17	46	6491.32	237
I	Nov 2003	27	1	41	5	46	6488.45	218
C	Dec 2003	28	1	46	0	46	6485.47	199
A	Jan 2004	25	1	47	0	47	6481.72	176
L	Feb 2004	23	1	43	0	43	6477.84	156
*	Mar 2004	58	1	46	0	46	6479.97	167
	Apr 2004	85	1	65	0	65	6483.33	186
	May 2004	100	2	92	0	92	6484.41	192
	Jun 2004	230	2	89	0	89	6504.14	331
	Jul 2004	85	3	92	0	92	6502.90	321
	Aug 2004	55	2	70	0	70	6500.64	304
	Sep 2004	43	2	67	0	67	6497.14	278
	WY 2004	786	18	727	22	749		
	Oct 2004	44	1	69	0	69	6493.47	252
	Nov 2004	37	1	67	0	67	6488.86	221
	Dec 2004	28	1	69	0	69	6482.22	179
	Jan 2005	26	1	69	0	69	6473.76	136
	Feb 2005	25	0	62	0	62	6464.82	98
	Mar 2005	44	0	0	69	69	6457.53	73
	Apr 2005	79	0	0	82	82	6456.45	70
	May 2005	167	1	92	23	115	6470.36	121
	Jun 2005	303	2	98	76	174	6492.91	248
	Jul 2005	181	2	108	42	150	6496.93	276
	Aug 2005	78	2	92	0	92	6494.69	260
	Sep 2005	45	2	68	0	68	6491.13	236
	WY 2005	1057	13	794	292	1086		
	Oct 2005	52	1	71	0	71	6487.97	215
	Nov 2005	43	1	68	0	68	6483.96	190
	Dec 2005	33	1	71	0	71	6476.91	151
	Jan 2006	31	0	71	0	71	6467.84	110
	Feb 2006	29	0	0	70	70	6456.11	69
	Mar 2006	52	0	0	90	90	6441.37	30

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T E M R E S E R V O I R S

Bureau of Reclamation - CRFS 4/2004 Most Prob Water Supply 06-apr-2004 15:26:28

Flaming Gorge Reservoir

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Yampa Flow 1000 Ac-Ft	Jensen Flow 1000 Ac-Ft
*	Apr 2003	66	96	4	49	0	49	70	6010.98	2673	0	219
H	May 2003	99	119	7	140	0	140	69	6010.17	2647	0	590
I	Jun 2003	244	111	9	63	0	63	70	6011.30	2684	0	506
S	Jul 2003	72	48	11	50	0	50	70	6010.90	2670	0	102
T	Aug 2003	33	44	11	52	0	52	69	6010.36	2653	0	65
O	Sep 2003	26	40	9	50	0	50	68	6009.81	2635	0	65
	WY 2003	764	737	68	710	0	710					2047
R	Oct 2003	23	43	6	52	0	52	68	6009.38	2621	0	67
I	Nov 2003	28	46	3	51	0	51	67	6009.17	2614	0	79
C	Dec 2003	27	46	2	53	0	53	67	6008.91	2606	0	80
A	Jan 2004	27	48	2	53	0	53	67	6008.73	2600	0	270
L	Feb 2004	33	53	2	50	0	50	67	6008.77	2602	0	300
*	Mar 2004	98	89	3	54	0	54	68	6009.71	2632	0	322
	Apr 2004	125	105	6	51	0	51	70	6011.16	2679	0	51
	May 2004	145	137	9	125	0	125	70	6011.25	2682	0	125
	Jun 2004	260	119	11	67	0	67	71	6012.46	2722	0	67
	Jul 2004	90	97	12	49	0	49	72	6013.51	2757	0	49
	Aug 2004	61	76	9	49	0	49	73	6014.04	2774	0	49
	Sep 2004	51	75	8	48	0	48	73	6014.59	2793	0	48
	WY 2004	968	934	73	702	0	702					1507
	Oct 2004	55	80	4	49	0	49	74	6015.36	2819	0	49
	Nov 2004	48	78	2	48	0	48	75	6016.15	2846	0	48
	Dec 2004	34	75	2	49	0	49	76	6016.84	2869	0	49
	Jan 2005	38	81	2	49	0	49	77	6017.69	2899	0	49
	Feb 2005	43	80	2	44	0	44	78	6018.64	2932	0	44
	Mar 2005	92	117	4	49	0	49	80	6020.40	2994	0	49
	Apr 2005	133	136	7	48	0	48	83	6022.60	3073	0	48
	May 2005	258	206	10	123	0	123	85	6024.55	3143	0	123
	Jun 2005	400	271	12	198	0	198	87	6026.13	3202	0	198
	Jul 2005	220	189	13	117	0	117	89	6027.64	3259	0	117
	Aug 2005	92	106	10	117	0	117	88	6027.10	3238	0	117
	Sep 2005	55	78	9	113	0	113	87	6025.97	3196	0	113
	WY 2005	1468	1497	77	1004	0	1004					1004
	Oct 2005	65	84	5	116	0	116	86	6025.01	3161	0	116
	Nov 2005	56	81	2	113	0	113	84	6024.10	3127	0	113
	Dec 2005	40	78	2	116	0	116	83	6023.04	3088	0	116
	Jan 2006	45	85	2	116	0	116	82	6022.17	3057	0	116
	Feb 2006	50	91	2	106	0	106	82	6021.71	3041	0	106
	Mar 2006	108	147	4	116	0	116	82	6022.43	3066	0	116

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Taylor Park Reservoir

		Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Apr 2003	7	4	9289.66	42
H	May 2003	29	8	9305.60	63
I	Jun 2003	31	13	9316.66	81
S	Jul 2003	9	15	9313.21	75
T	Aug 2003	6	14	9308.70	68
O	Sep 2003	8	7	9309.00	68
	WY 2003	109	81		
R	Oct 2003	5	4	9309.72	69
I	Nov 2003	4	3	9310.47	71
C	Dec 2003	4	3	9310.82	71
A	Jan 2004	4	3	9311.17	72
L	Feb 2004	4	3	9311.44	72
*	Mar 2004	5	4	9312.62	74
	Apr 2004	8	5	9314.30	77
	May 2004	20	8	9321.16	89
	Jun 2004	28	13	9328.96	104
	Jul 2004	14	20	9325.94	98
	Aug 2004	8	20	9319.44	86
	Sep 2004	6	17	9313.23	75
	WY 2004	110	103		
	Oct 2004	6	6	9312.92	75
	Nov 2004	4	4	9313.16	75
	Dec 2004	4	4	9313.10	75
	Jan 2005	4	4	9312.92	75
	Feb 2005	3	4	9312.50	74
	Mar 2005	4	4	9312.32	74
	Apr 2005	7	8	9311.77	73
	May 2005	23	14	9317.26	82
	Jun 2005	39	19	9327.78	102
	Jul 2005	19	21	9326.71	100
	Aug 2005	9	21	9320.28	87
	Sep 2005	6	16	9314.60	77
	WY 2005	128	125		
	Oct 2005	7	8	9313.72	76
	Nov 2005	5	6	9313.19	75
	Dec 2005	5	6	9312.35	74
	Jan 2006	4	6	9311.35	72
	Feb 2006	4	6	9310.00	70
	Mar 2006	4	6	9308.92	68

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Blue Mesa Reservoir

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Apr 2003	42	39	0	50	0	50	7447.48	299
H	May 2003	174	155	1	42	0	42	7466.19	411
I	Jun 2003	170	150	1	48	0	48	7480.76	512
S	Jul 2003	43	49	1	101	0	101	7473.26	458
T	Aug 2003	33	40	1	93	0	93	7465.29	405
O	Sep 2003	45	45	1	62	0	62	7462.45	387
	WY 2003	631	606	5	489	0	489		
R	Oct 2003	26	25	0	47	0	47	7458.78	364
I	Nov 2003	23	22	0	16	0	16	7459.81	370
C	Dec 2003	22	21	0	15	0	15	7460.86	377
A	Jan 2004	21	20	0	14	0	14	7461.91	383
L	Feb 2004	19	19	0	12	0	12	7463.03	390
*	Mar 2004	46	44	0	13	0	13	7467.75	421
	Apr 2004	70	67	1	24	0	24	7474.07	464
	May 2004	160	148	1	40	0	40	7488.68	571
	Jun 2004	180	165	1	57	0	57	7502.04	678
	Jul 2004	50	56	1	106	0	106	7495.74	627
	Aug 2004	38	50	1	88	0	88	7490.80	588
	Sep 2004	29	40	1	70	0	70	7486.84	557
	WY 2004	684	677	6	502	0	502		
	Oct 2004	31	31	0	42	0	42	7485.46	547
	Nov 2004	27	27	0	13	0	13	7487.22	560
	Dec 2004	22	22	0	25	0	25	7486.82	557
	Jan 2005	21	21	0	37	0	37	7484.72	541
	Feb 2005	20	21	0	50	0	50	7480.81	512
	Mar 2005	30	30	0	69	0	69	7475.37	473
	Apr 2005	64	65	1	78	0	78	7473.47	460
	May 2005	185	176	1	47	0	47	7490.76	587
	Jun 2005	248	228	1	40	0	40	7513.29	775
	Jul 2005	114	116	2	86	0	86	7516.48	803
	Aug 2005	55	67	1	101	0	101	7512.56	768
	Sep 2005	31	41	1	101	0	101	7505.50	707
	WY 2005	848	845	7	689	0	689		
	Oct 2005	37	39	1	88	0	88	7499.51	657
	Nov 2005	32	33	0	58	0	58	7496.36	632
	Dec 2005	26	27	0	77	0	77	7490.08	582
	Jan 2006	25	27	0	85	0	85	7482.40	524
	Feb 2006	23	25	0	72	0	72	7475.85	476
	Mar 2006	35	37	0	80	0	80	7469.59	433

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Morrow Point Reservoir

		Unreg Inflow 1000 Ac-Ft	Blue_Mesa Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Evap losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Apr 2003	48	50	7	57	0	52	0	52	7154.64	113
H	May 2003	188	42	14	56	0	54	0	54	7157.73	115
I	Jun 2003	180	48	10	58	0	59	0	59	7157.05	115
S	Jul 2003	46	101	3	104	0	106	0	106	7154.89	113
T	Aug 2003	36	93	3	95	0	97	0	97	7152.55	111
O	Sep 2003	47	62	2	64	0	64	0	64	7153.42	112
	WY 2003	678	489	48	536	0	530	0	530		
R	Oct 2003	28	47	2	49	0	52	0	52	7149.88	109
I	Nov 2003	25	16	2	18	0	16	0	16	7151.87	111
C	Dec 2003	24	15	2	16	0	15	0	15	7153.36	112
A	Jan 2004	23	14	2	15	0	17	0	17	7151.70	110
L	Feb 2004	22	12	2	14	0	15	0	15	7150.31	109
*	Mar 2004	51	13	5	18	0	17	0	17	7151.24	110
	Apr 2004	79	24	9	33	0	31	0	31	7153.73	112
	May 2004	181	40	21	61	0	61	0	61	7153.73	112
	Jun 2004	194	57	14	71	0	71	0	71	7153.73	112
	Jul 2004	45	106	-4	101	0	101	0	101	7153.73	112
	Aug 2004	37	88	0	88	0	88	0	88	7153.73	112
	Sep 2004	30	70	1	71	0	71	0	71	7153.73	112
	WY 2004	739	502	56	555	0	555	0	555		
	Oct 2004	33	42	2	43	0	44	0	44	7153.73	112
	Nov 2004	29	13	2	15	0	15	0	15	7153.73	112
	Dec 2004	24	25	2	27	0	27	0	27	7153.73	112
	Jan 2005	23	37	2	39	0	39	0	39	7153.73	112
	Feb 2005	22	50	2	51	0	52	0	52	7153.73	112
	Mar 2005	33	69	3	72	0	72	0	72	7153.73	112
	Apr 2005	72	78	8	86	0	86	0	86	7153.73	112
	May 2005	210	47	25	72	0	72	0	72	7153.73	112
	Jun 2005	268	40	20	60	0	60	0	60	7153.73	112
	Jul 2005	120	86	6	92	0	92	0	92	7153.73	112
	Aug 2005	58	101	3	104	0	104	0	104	7153.73	112
	Sep 2005	33	101	2	103	0	103	0	103	7153.73	112
	WY 2005	925	689	77	764	0	766	0	766		
	Oct 2005	39	88	2	90	0	90	0	90	7153.73	112
	Nov 2005	34	58	2	60	0	60	0	60	7153.73	112
	Dec 2005	28	77	2	79	0	79	0	79	7153.73	112
	Jan 2006	27	85	2	87	0	87	0	87	7153.73	112
	Feb 2006	25	72	3	75	0	75	0	75	7153.73	112
	Mar 2006	39	80	4	84	0	84	0	84	7153.73	112

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Crystal Reservoir

	unreg Inflow 1000 Ac-Ft	Morrow Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Tunnel Flow 1000 Ac-Ft	Below_tunnel Flow 1000 Ac-Ft
* Apr 2003	56	52	7	59	59	0	59	6752.87	17	43	16
H May 2003	206	54	18	72	72	0	72	6752.51	17	49	24
I Jun 2003	196	59	16	75	77	1	78	6740.47	13	48	34
S Jul 2003	52	106	6	111	108	1	109	6748.44	16	63	49
T Aug 2003	42	97	6	103	102	0	102	6752.65	17	62	41
O Sep 2003	52	64	5	68	70	0	70	6744.61	15	46	27
WY 2003	756	530	76	605	522	85	607			317	269
R Oct 2003	32	52	4	56	27	28	55	6746.98	15	34	23
I Nov 2003	29	16	4	20	0	20	20	6747.86	16	0	20
C Dec 2003	27	15	4	19	0	20	20	6744.53	15	1	19
A Jan 2004	27	17	4	21	0	20	20	6748.12	16	0	19
L Feb 2004	25	15	3	18	0	18	18	6748.18	16	0	19
* Mar 2004	58	17	7	25	0	24	24	6749.98	16	5	19
Apr 2004	95	31	16	47	48	0	48	6746.05	15	30	18
May 2004	200	61	19	80	80	0	80	6746.05	15	55	24
Jun 2004	215	71	21	92	92	0	92	6746.05	15	60	31
Jul 2004	55	101	10	111	111	0	111	6746.05	15	65	46
Aug 2004	45	88	8	96	96	0	96	6746.05	15	65	31
Sep 2004	38	71	8	79	79	0	79	6746.05	15	55	24
WY 2004	846	555	108	664	533	130	663			370	293
Oct 2004	40	44	7	50	51	0	51	6746.05	15	30	20
Nov 2004	34	15	5	20	20	0	20	6746.05	15	0	20
Dec 2004	28	27	4	31	31	0	31	6746.05	15	0	31
Jan 2005	27	39	4	43	43	0	43	6746.05	15	0	43
Feb 2005	26	52	4	55	56	0	56	6746.05	15	0	55
Mar 2005	40	72	7	79	79	0	79	6746.05	15	5	74
Apr 2005	88	86	16	102	102	0	102	6746.05	15	30	72
May 2005	254	72	44	116	116	0	116	6746.05	15	55	61
Jun 2005	321	60	53	113	112	1	113	6746.05	15	60	52
Jul 2005	142	92	22	114	114	0	114	6746.05	15	65	49
Aug 2005	70	104	12	116	116	0	116	6746.05	15	65	51
Sep 2005	42	103	9	112	112	0	112	6746.05	15	55	57
WY 2005	1112	766	187	951	952	1	953			365	585
Oct 2005	47	90	8	98	98	0	98	6746.05	15	30	68
Nov 2005	40	60	6	66	66	0	66	6746.05	15	0	66
Dec 2005	33	79	5	84	84	0	84	6746.05	15	0	84
Jan 2006	32	87	5	92	92	0	92	6746.05	15	0	92
Feb 2006	30	75	4	79	79	0	79	6746.05	15	0	79
Mar 2006	47	84	8	91	91	0	91	6746.05	15	5	86

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Vallecito Reservoir

		Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Apr 2003	14	0	7635.63	55
H	May 2003	53	29	7646.68	79
I	Jun 2003	30	40	7641.61	68
S	Jul 2003	9	36	7627.82	41
T	Aug 2003	11	26	7616.93	25
O	Sep 2003	17	6	7624.58	36
	WY 2003	163	142		
R	Oct 2003	6	4	7625.86	38
I	Nov 2003	6	0	7629.25	43
C	Dec 2003	5	0	7631.78	48
A	Jan 2004	5	0	7634.28	53
L	Feb 2004	4	0	7636.34	57
*	Mar 2004	16	0	7643.57	72
	Apr 2004	21	6	7650.24	88
	May 2004	57	40	7657.09	105
	Jun 2004	56	39	7663.56	122
	Jul 2004	16	40	7654.32	98
	Aug 2004	12	37	7643.85	73
	Sep 2004	13	35	7633.30	51
	WY 2004	217	201		
	Oct 2004	12	13	7632.72	50
	Nov 2004	8	0	7636.48	57
	Dec 2004	5	0	7638.79	62
	Jan 2005	4	0	7640.63	66
	Feb 2005	4	0	7642.42	70
	Mar 2005	7	0	7645.29	76
	Apr 2005	18	8	7649.51	86
	May 2005	57	46	7654.00	97
	Jun 2005	70	45	7663.52	122
	Jul 2005	30	43	7658.50	108
	Aug 2005	16	43	7647.63	82
	Sep 2005	14	35	7637.93	60
	WY 2005	245	233		
	Oct 2005	14	12	7638.91	62
	Nov 2005	9	6	7640.32	65
	Dec 2005	6	6	7640.33	65
	Jan 2006	5	4	7640.78	66
	Feb 2006	5	4	7641.22	67
	Mar 2006	8	4	7643.05	71

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Navajo Reservoir

		Mod_Unreg Inflow 1000 Ac-Ft	Azetea Tunnel_Div 1000 Ac-Ft	Reg Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	NIIP Diversion 1000 ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Farm Flow 1000 Ac-Ft
*	Apr 2003	71	11	48	2	16	21	6010.10	823	41
H	May 2003	163	26	115	2	26	25	6016.96	884	98
I	Jun 2003	81	19	68	3	36	29	6017.05	885	85
S	Jul 2003	-9	1	17	3	41	58	6007.43	800	53
T	Aug 2003	2	1	19	2	33	43	6000.18	740	51
O	Sep 2003	48	3	35	2	15	24	5999.45	734	67
	WY 2003	479	62	400	17	183	338			604
R	Oct 2003	14	0	12	1	7	27	5996.50	711	49
I	Nov 2003	24	0	18	1	0	16	5996.73	713	51
C	Dec 2003	18	0	13	0	0	15	5996.36	710	78
A	Jan 2004	17	0	13	0	0	15	5995.94	707	71
L	Feb 2004	24	0	20	1	1	14	5996.45	711	38
*	Mar 2004	120	12	94	1	4	16	6005.51	784	57
	Apr 2004	127	14	97	1	22	21	6011.64	836	21
	May 2004	217	45	155	2	29	22	6022.82	938	22
	Jun 2004	190	35	138	3	41	21	6030.30	1012	21
	Jul 2004	66	5	85	3	46	31	6030.85	1017	31
	Aug 2004	39	3	61	2	41	36	6029.04	999	36
	Sep 2004	37	1	58	2	18	22	6030.68	1015	22
	WY 2004	893	115	764	17	209	256			497
	Oct 2004	37	1	37	1	12	22	6030.87	1017	22
	Nov 2004	30	0	22	1	1	16	6031.38	1023	16
	Dec 2004	21	0	16	0	0	15	6031.41	1023	15
	Jan 2005	20	0	16	0	0	16	6031.40	1023	16
	Feb 2005	26	0	22	0	0	15	6032.06	1029	15
	Mar 2005	76	1	69	1	5	15	6036.65	1077	15
	Apr 2005	145	14	121	2	24	15	6044.07	1158	15
	May 2005	234	31	192	3	31	47	6053.71	1270	47
	Jun 2005	218	32	161	3	43	112	6053.95	1273	112
	Jul 2005	71	9	75	4	48	20	6054.17	1275	20
	Aug 2005	38	3	62	3	43	34	6052.71	1258	34
	Sep 2005	34	1	54	2	19	20	6053.80	1271	20
	WY 2005	950	92	847	20	226	347			347
	Oct 2005	44	1	41	1	12	22	6054.33	1277	22
	Nov 2005	35	0	32	1	1	16	6055.51	1292	16
	Dec 2005	25	0	25	0	0	15	6056.29	1301	15
	Jan 2006	23	0	22	0	0	16	6056.71	1307	16
	Feb 2006	30	0	29	1	0	17	6057.66	1318	17
	Mar 2006	89	1	85	1	5	20	6062.28	1377	20

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Lake Powell

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Bank Storage 1000 Ac-Ft	EOM Storage 1000 Ac-Ft	Lees Ferry 1000 Ac-Ft
*	Apr 2003	413	391	22	601	0	601	3605.10	18894	12243	605
H	May 2003	1160	1058	29	652	0	652	3610.26	18758	12756	661
I	Jun 2003	1992	1633	44	842	0	842	3616.20	18897	13365	865
S	Jul 2003	342	440	45	900	0	900	3610.63	18962	12794	935
T	Aug 2003	144	299	50	902	0	902	3604.21	18947	12156	927
O	Sep 2003	445	482	47	473	0	473	3603.73	18956	12110	485
	WY 2003	6205	6120	368	8227	0	8227				8390
R	Oct 2003	292	364	27	490	0	490	3601.93	18978	11935	495
I	Nov 2003	337	348	23	475	0	475	3600.48	18968	11796	485
C	Dec 2003	289	305	20	602	0	602	3597.22	18960	11487	610
A	Jan 2004	288	305	13	789	0	789	3591.80	18966	10984	797
L	Feb 2004	244	253	14	743	0	743	3586.84	18910	10537	758
*	Mar 2004	539	417	11	805	0	805	3582.78	18867	10180	782
	Apr 2004	800	610	23	650	0	650	3582.11	18862	10121	0
	May 2004	1400	1138	32	600	0	600	3587.44	18900	10590	0
	Jun 2004	1400	991	37	800	0	800	3589.03	18911	10733	0
	Jul 2004	400	430	41	898	0	898	3583.72	18874	10261	0
	Aug 2004	309	388	41	898	0	898	3577.79	18833	9751	0
	Sep 2004	357	398	35	480	0	480	3576.51	18824	9643	0
	WY 2004	6655	5947	317	8230	0	8230				3927
	Oct 2004	474	477	31	492	0	492	3575.99	18821	9600	0
	Nov 2004	468	441	26	476	0	476	3575.31	18816	9543	0
	Dec 2004	374	387	22	492	0	492	3573.89	18807	9425	0
	Jan 2005	345	368	16	850	0	850	3568.22	18770	8964	0
	Feb 2005	358	377	15	650	0	650	3564.86	18748	8698	0
	Mar 2005	564	505	18	600	0	600	3563.52	18740	8593	0
	Apr 2005	838	674	21	600	0	600	3564.15	18744	8643	0
	May 2005	1958	1559	29	650	0	650	3574.29	18809	9458	0
	Jun 2005	2619	2178	36	800	0	800	3588.67	18909	10700	0
	Jul 2005	1324	1200	42	910	0	910	3591.20	18927	10930	0
	Aug 2005	521	634	43	910	0	910	3587.93	18903	10634	0
	Sep 2005	404	538	37	800	0	800	3584.81	18881	10357	0
	WY 2005	10247	9338	336	8230	0	8230				0
	Oct 2005	557	650	33	600	0	600	3584.99	18882	10373	0
	Nov 2005	550	615	27	600	0	600	3584.85	18881	10361	0
	Dec 2005	439	556	23	800	0	800	3582.03	18862	10114	0
	Jan 2006	405	529	17	800	0	800	3578.92	18840	9848	0
	Feb 2006	417	510	16	600	0	600	3577.77	18833	9749	0
	Mar 2006	663	652	20	600	0	600	3578.11	18835	9779	0

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Hoover Dam - Lake Mead

		Glen Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	SNWP Use 1000 Ac-Ft	Dwnstrm Reqmnts 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
*	Apr 2003	601	34	52	1138	19.1	21	1126	1059	1148.27	16287
H	May 2003	652	29	58	1017	16.5	24	1013	1033	1144.68	15893
I	Jun 2003	842	5	69	918	15.4	31	917	1023	1143.19	15733
S	Jul 2003	900	39	86	964	15.7	33	964	1014	1141.93	15598
T	Aug 2003	902	118	91	744	12.1	31	743	1023	1143.27	15741
O	Sep 2003	473	81	75	584	9.8	26	581	1015	1142.12	15618
	WY 2003	8227	656	719	9462		268	9383			
R	Oct 2003	490	21	54	539	8.8	26	537	1009	1141.17	15517
I	Nov 2003	475	46	54	637	10.7	20	635	997	1139.48	15337
C	Dec 2003	602	46	47	623	10.1	19	621	994	1139.12	15300
A	Jan 2004	789	40	38	633	10.3	15	635	1003	1140.39	15434
L	Feb 2004	743	77	35	806	14.0	10	790	1001	1140.11	15404
*	Mar 2004	805	39	39	946	15.4	18	944	992	1138.70	15255
	Apr 2004	650	58	48	1099	18.5	25	1099	963	1134.54	14820
	May 2004	600	78	54	1100	17.9	32	1100	932	1129.89	14343
	Jun 2004	800	39	65	842	14.2	32	842	926	1128.96	14249
	Jul 2004	898	68	81	864	14.1	32	864	926	1128.86	14239
	Aug 2004	898	83	86	790	12.8	32	790	930	1129.54	14307
	Sep 2004	480	71	71	572	9.6	30	572	923	1128.41	14193
	WY 2004	8230	666	672	9451		291	9427			
	Oct 2004	492	62	52	325	5.3	30	325	932	1129.78	14331
	Nov 2004	476	60	52	660	11.1	21	660	920	1127.96	14147
	Dec 2004	492	77	44	645	10.5	16	645	911	1126.69	14020
	Jan 2005	850	73	36	723	11.8	13	723	920	1128.10	14161
	Feb 2005	650	98	33	718	12.9	12	718	920	1127.95	14147
	Mar 2005	600	84	37	951	15.5	20	951	900	1124.91	13842
	Apr 2005	600	58	45	1111	18.7	25	1111	868	1119.91	13351
	May 2005	650	78	51	1035	16.8	32	1035	844	1116.11	12985
	Jun 2005	800	39	61	887	14.9	32	887	835	1114.73	12853
	Jul 2005	910	68	76	872	14.2	32	872	835	1114.72	12851
	Aug 2005	910	83	81	801	13.0	32	801	840	1115.49	12925
	Sep 2005	800	71	67	590	9.9	30	590	851	1117.29	13097
	WY 2005	8230	851	635	9318		295	9316			
	Oct 2005	600	62	49	435	7.1	30	435	860	1118.72	13236
	Nov 2005	600	60	49	633	10.6	21	633	858	1118.31	13196
	Dec 2005	800	77	43	627	10.2	16	626	869	1120.17	13376
	Jan 2006	800	73	35	722	11.7	13	722	876	1121.17	13473
	Feb 2006	600	98	32	687	12.4	12	687	874	1120.85	13442
	Mar 2006	600	84	36	966	15.7	20	966	853	1117.57	13124

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Davis Dam - Lake Mohave

		Hoover Release 1000 Ac-Ft	Side inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Spill Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
*	Apr 2003	1138	-30	1108	0	1108	18.6	642.53	1686
H	May 2003	1017	-33	955	0	955	15.5	643.60	1715
I	Jun 2003	918	-32	905	0	905	15.2	642.89	1696
S	Jul 2003	964	-31	886	0	886	14.4	644.60	1743
T	Aug 2003	744	-23	723	0	723	11.8	644.48	1739
O	Sep 2003	584	-20	660	0	660	11.1	640.95	1643
	WY 2003	9462	-256	9135	0	9135			
R	Oct 2003	539	-7	706	0	706	11.5	634.31	1468
I	Nov 2003	637	-11	568	0	568	9.5	636.53	1526
C	Dec 2003	623	-18	540	0	540	8.8	638.98	1590
A	Jan 2004	633	-20	580	0	580	9.4	640.22	1623
L	Feb 2004	806	-17	695	0	695	12.1	643.62	1716
*	Mar 2004	946	-25	958	0	958	15.6	642.21	1677
	Apr 2004	1099	-36	1041	0	1041	17.5	643.00	1699
	May 2004	1100	-33	1039	0	1039	16.9	643.99	1726
	Jun 2004	842	-28	869	0	869	14.6	642.00	1671
	Jul 2004	864	-29	849	0	849	13.8	641.50	1658
	Aug 2004	790	-35	755	0	755	12.3	641.50	1658
	Sep 2004	572	-31	634	0	634	10.7	638.00	1564
	WY 2004	9451	-290	9234	0	9234			
	Oct 2004	325	-30	488	0	488	7.9	630.49	1371
	Nov 2004	660	-28	543	0	543	9.1	634.00	1460
	Dec 2004	645	-28	494	0	494	8.0	638.71	1583
	Jan 2005	723	-32	608	0	608	9.9	641.80	1666
	Feb 2005	718	-26	659	0	659	11.9	643.01	1699
	Mar 2005	951	-29	922	0	922	15.0	643.01	1699
	Apr 2005	1111	-36	1075	0	1075	18.1	643.01	1699
	May 2005	1035	-33	1002	0	1002	16.3	643.01	1699
	Jun 2005	887	-28	886	0	886	14.9	642.00	1671
	Jul 2005	872	-29	856	0	856	13.9	641.50	1658
	Aug 2005	801	-35	766	0	766	12.5	641.50	1658
	Sep 2005	590	-31	652	0	652	11.0	638.00	1564
	WY 2005	9318	-365	8951	0	8951			
	Oct 2005	435	-30	598	0	598	9.7	630.49	1371
	Nov 2005	633	-28	516	0	516	8.7	634.00	1460
	Dec 2005	627	-28	475	0	475	7.7	638.71	1583
	Jan 2006	722	-32	607	0	607	9.9	641.80	1666
	Feb 2006	687	-26	661	0	661	11.9	641.80	1666
	Mar 2006	966	-29	915	0	915	14.9	642.60	1688

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Parker Dam - Lake Havasu

		Davis Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	MWD Diversion 1000 Ac-Ft	CAP diversion 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft	Flow_to Mexico 1000 Ac-Ft	Flow_to Mexico 1000 CFS
*	Apr 2003	1108	1	800	13.4	82	176	448.60	592	205	3.4
H	May 2003	955	49	709	11.5	53	184	448.83	596	112	1.8
I	Jun 2003	905	-15	715	12.0	35	144	448.57	591	112	1.9
S	Jul 2003	886	-13	742	12.1	51	76	448.81	596	122	2.0
T	Aug 2003	723	-4	607	9.9	63	48	448.81	596	100	1.6
O	Sep 2003	660	-9	572	9.6	57	54	447.05	562	93	1.6
	WY 2003	9135	19	6840		764	1492			1571	
R	Oct 2003	706	-9	509	8.3	60	125	447.20	565	73	1.2
I	Nov 2003	568	6	336	5.7	67	175	446.96	560	100	1.7
C	Dec 2003	540	9	347	5.6	75	171	444.52	516	121	2.0
A	Jan 2004	580	-4	333	5.4	60	188	444.21	511	129	2.1
L	Feb 2004	695	1	418	7.3	58	175	446.75	557	169	2.9
*	Mar 2004	958	-11	724	11.8	57	186	445.64	536	200	3.2
	Apr 2004	1041	0	755	12.7	69	183	447.50	570	193	3.2
	May 2004	1039	-2	756	12.3	71	187	448.71	594	109	1.8
	Jun 2004	869	-7	732	12.3	30	82	449.60	611	111	1.9
	Jul 2004	849	-9	762	12.4	29	79	448.00	580	121	2.0
	Aug 2004	755	1	664	10.8	29	72	447.50	570	100	1.6
	Sep 2004	634	8	558	9.4	28	69	446.81	557	90	1.5
	WY 2004	9234	-17	6894		633	1692			1516	
	Oct 2004	488	11	480	7.8	29	0	446.31	548	72	1.2
	Nov 2004	543	17	375	6.3	28	163	445.99	543	99	1.7
	Dec 2004	494	0	320	5.2	29	148	445.80	539	119	1.9
	Jan 2005	608	-6	357	5.8	59	186	445.80	539	130	2.1
	Feb 2005	659	10	467	8.4	33	168	445.80	539	155	2.8
	Mar 2005	922	12	669	10.9	62	187	446.70	555	200	3.3
	Apr 2005	1075	0	796	13.4	60	181	448.71	594	193	3.2
	May 2005	1002	-2	740	12.0	62	180	449.60	611	109	1.8
	Jun 2005	886	-7	733	12.3	30	116	449.60	611	111	1.9
	Jul 2005	856	-9	763	12.4	31	83	448.00	580	121	2.0
	Aug 2005	766	1	665	10.8	31	80	447.50	570	100	1.6
	Sep 2005	652	8	559	9.4	30	84	446.81	557	90	1.5
	WY 2005	8951	35	6924		484	1576			1499	
	Oct 2005	598	11	484	7.9	31	103	446.29	548	72	1.2
	Nov 2005	516	17	375	6.3	41	123	446.00	543	99	1.7
	Dec 2005	475	0	320	5.2	42	117	445.80	539	119	1.9
	Jan 2006	607	-6	356	5.8	59	186	445.80	539	130	2.1
	Feb 2006	661	10	466	8.4	33	168	446.00	543	155	2.8
	Mar 2006	915	12	667	10.8	62	186	446.70	555	200	3.3

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Hoover Dam - Lake Mead

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Hoover Static Head Feet	Hoover Generator Capacity MW	Hoover Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Apr 2003	1138	19.1	1148.27	16287	-539	0.00	1431.0	504.4	75	443.3
H	May 2003	1017	16.5	1144.68	15893	-393	0.00	1509.0	443.4	82	435.8
I	Jun 2003	918	15.4	1143.19	15733	-161	0.00	1840.0	394.8	100	429.9
S	Jul 2003	964	15.7	1141.93	15598	-135	0.00	1840.0	413.6	100	428.8
T	Aug 2003	744	12.1	1143.27	15741	144	0.00	1840.0	313.4	100	421.2
O	Sep 2003	584	9.8	1142.12	15618	-124	0.00	1840.0	242.1	100	414.5
	WY 2003	9463							4112.9		
R	Oct 2003	539	8.8	1141.17	15517	-101	0.00	1490.0	225.4	81	418.5
I	Nov 2003	637	10.7	1139.48	15337	-178	0.00	1233.0	272.5	67	427.7
C	Dec 2003	623	10.1	1139.12	15300	-38	0.00	1141.0	266.0	62	426.8
A	Jan 2004	633	10.3	1140.39	15434	134	0.00	1141.0	270.3	62	426.9
L	Feb 2004	806	14.0	1140.11	15404	-29	0.00	1251.0	349.0	68	433.3
*	Mar 2004	946	15.4	1138.70	15255	-149	0.00	1270.0	406.4	69	429.8
	Apr 2004	1099	18.5	1134.54	14820	-435	486.47	1300.7	492.8	69	448.6
	May 2004	1100	17.9	1129.89	14343	-477	478.05	1885.0	471.0	100	428.3
	Jun 2004	842	14.2	1128.96	14249	-94	475.60	1885.0	361.5	100	429.3
	Jul 2004	864	14.1	1128.86	14239	-10	475.91	1885.0	370.8	100	429.1
	Aug 2004	790	12.8	1129.54	14307	68	476.36	1885.0	335.3	100	424.7
	Sep 2004	572	9.6	1128.41	14193	-114	477.28	1885.0	237.1	100	414.8
	WY 2004	9449							4058.0		
	Oct 2004	325	5.3	1129.78	14331	138	480.19	1771.9	126.5	94	389.5
	Nov 2004	660	11.1	1127.96	14147	-184	484.53	1413.8	281.4	75	426.4
	Dec 2004	645	10.5	1126.69	14020	-128	481.29	1300.7	276.2	69	428.5
	Jan 2005	723	11.8	1128.10	14161	142	478.81	1300.7	309.3	69	427.9
	Feb 2005	718	12.9	1127.95	14147	-14	478.03	1300.7	310.8	69	433.0
	Mar 2005	951	15.5	1124.91	13842	-305	476.05	1300.7	413.2	69	434.4
	Apr 2005	1111	18.7	1119.91	13351	-491	472.03	1300.7	486.1	69	437.5
	May 2005	1035	16.8	1116.11	12985	-366	466.33	1526.8	435.4	81	420.8
	Jun 2005	887	14.9	1114.73	12853	-132	462.00	1885.0	365.6	100	412.3
	Jul 2005	872	14.2	1114.72	12851	-2	461.80	1885.0	364.9	100	418.6
	Aug 2005	801	13.0	1115.49	12925	73	462.34	1885.0	332.4	100	414.8
	Sep 2005	590	9.9	1117.29	13097	173	464.76	1885.0	240.5	100	407.9
	WY 2005	9316							3942.2		
	Oct 2005	435	7.1	1118.72	13236	139	471.24	1413.8	177.6	75	408.5
	Nov 2005	633	10.6	1118.31	13196	-40	474.21	1413.8	263.5	75	416.2
	Dec 2005	627	10.2	1120.17	13376	180	473.23	1300.7	263.7	69	420.8
	Jan 2006	722	11.7	1121.17	13473	97	472.11	1300.7	305.0	69	422.7
	Feb 2006	687	12.4	1120.85	13442	-31	471.44	1300.7	292.1	69	425.4
	Mar 2006	966	15.7	1117.57	13124	-318	469.38	1300.7	415.4	69	430.0

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Davis Dam - Lake Mohave

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Davis Static Head Feet	Davis Generator Capacity MW	Davis Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Apr 2003	1108	18.6	642.53	1686	0	0.00	240.0	138.5	100	125.0
H	May 2003	955	15.5	643.60	1715	29	0.00	255.0	120.9	100	126.5
I	Jun 2003	905	15.2	642.89	1696	-19	0.00	255.0	113.6	100	125.6
S	Jul 2003	886	14.4	644.60	1743	47	0.00	255.0	111.6	100	125.9
T	Aug 2003	723	11.8	644.48	1739	-3	0.00	255.0	91.6	100	126.7
O	Sep 2003	660	11.1	640.95	1643	-96	0.00	204.0	82.2	80	124.6
	WY 2003	9134							1143.3		
R	Oct 2003	706	11.5	634.31	1468	-175	0.00	204.0	84.7	80	120.0
I	Nov 2003	568	9.5	636.53	1526	58	0.00	196.0	67.9	77	119.5
C	Dec 2003	540	8.8	638.98	1590	65	0.00	173.0	65.3	68	120.9
A	Jan 2004	580	9.4	640.22	1623	33	0.00	163.0	72.2	64	124.6
L	Feb 2004	695	12.1	643.62	1716	92	0.00	189.0	86.8	74	124.8
*	Mar 2004	958	15.6	642.21	1677	-38	0.00	209.0	121.6	82	126.9
	Apr 2004	1041	17.5	643.00	1699	21	135.63	255.0	129.3	100	124.2
	May 2004	1039	16.9	643.99	1726	27	136.54	255.0	130.1	100	125.1
	Jun 2004	869	14.6	642.00	1671	-55	136.04	255.0	108.9	100	125.4
	Jul 2004	849	13.8	641.50	1658	-14	134.73	255.0	105.7	100	124.5
	Aug 2004	755	12.3	641.50	1658	0	134.46	255.0	94.2	100	124.8
	Sep 2004	634	10.7	638.00	1564	-94	132.63	255.0	78.5	100	123.8
	WY 2004	9234							1145.1		
	Oct 2004	488	7.9	630.49	1371	-193	128.32	204.0	58.5	80	119.9
	Nov 2004	543	9.1	634.00	1460	89	126.46	196.3	63.9	77	117.6
	Dec 2004	494	8.0	638.71	1583	123	131.54	173.4	60.1	68	121.8
	Jan 2005	608	9.9	641.80	1666	83	135.97	163.2	75.7	64	124.6
	Feb 2005	659	11.9	643.01	1699	33	137.30	188.7	82.8	74	125.8
	Mar 2005	922	15.0	643.01	1699	0	137.29	209.1	115.5	82	125.3
	Apr 2005	1075	18.1	643.01	1699	0	136.05	255.0	133.7	100	124.4
	May 2005	1002	16.3	643.01	1699	0	136.05	255.0	125.1	100	124.9
	Jun 2005	886	14.9	642.00	1671	-28	135.52	255.0	110.7	100	124.9
	Jul 2005	856	13.9	641.50	1658	-14	134.73	255.0	106.6	100	124.5
	Aug 2005	766	12.5	641.50	1658	0	134.46	255.0	95.6	100	124.8
	Sep 2005	652	11.0	638.00	1564	-94	132.63	255.0	80.7	100	123.7
	WY 2005	8951							1108.9		
	Oct 2005	598	9.7	630.49	1371	-193	128.32	204.0	71.3	80	119.2
	Nov 2005	516	8.7	634.00	1460	89	126.46	196.3	60.8	77	117.8
	Dec 2005	475	7.7	638.71	1583	123	131.54	173.4	58.0	68	121.9
	Jan 2006	607	9.9	641.80	1666	83	135.97	163.2	75.6	64	124.6
	Feb 2006	661	11.9	641.80	1666	0	136.69	188.7	82.7	74	125.2
	Mar 2006	915	14.9	642.60	1688	22	136.48	209.1	114.0	82	124.6

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Parker Dam - Lake Havasu

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Parker Static Head Feet	Parker Generator Capacity MW	Parker Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Apr 2003	800	13.4	448.60	592	50	0.00	120.0	53.8	100	67.2
H	May 2003	709	11.5	448.83	596	5	0.00	120.0	48.4	100	68.3
I	Jun 2003	715	12.0	448.57	591	-5	0.00	120.0	48.8	100	68.3
S	Jul 2003	742	12.1	448.81	596	5	0.00	120.0	50.7	100	68.3
T	Aug 2003	607	9.9	448.81	596	-0	0.00	120.0	41.6	100	68.5
O	Sep 2003	572	9.6	447.05	562	-33	0.00	113.0	39.9	94	69.8
	WY 2003	6841							465.3		
R	Oct 2003	509	8.3	447.20	565	3	0.00	92.0	34.6	77	68.0
I	Nov 2003	336	5.7	446.96	560	-5	0.00	94.0	22.9	78	68.0
C	Dec 2003	347	5.6	444.52	516	-44	0.00	103.0	23.1	86	66.5
A	Jan 2004	333	5.4	444.21	511	-6	0.00	120.0	21.6	100	64.9
L	Feb 2004	418	7.3	446.75	557	46	0.00	120.0	28.0	100	66.9
*	Mar 2004	724	11.8	445.64	536	-20	0.00	120.0	48.7	100	67.3
	Apr 2004	755	12.7	447.50	570	34	73.98	120.0	49.1	100	65.1
	May 2004	756	12.3	448.71	594	23	75.47	120.0	50.1	100	66.2
	Jun 2004	732	12.3	449.60	611	18	76.49	120.0	49.0	100	67.0
	Jul 2004	762	12.4	448.00	580	-31	76.15	120.0	50.8	100	66.7
	Aug 2004	664	10.8	447.50	570	-10	75.13	120.0	43.6	100	65.7
	Sep 2004	558	9.4	446.81	557	-13	74.55	120.0	36.3	100	64.9
	WY 2004	6896							457.8		
	Oct 2004	480	7.8	446.31	548	-9	75.37	90.0	31.3	75	65.4
	Nov 2004	375	6.3	445.99	543	-6	74.98	90.0	24.1	75	64.4
	Dec 2004	320	5.2	445.80	539	-4	74.73	90.0	20.4	75	63.5
	Jan 2005	357	5.8	445.80	539	0	74.64	90.0	22.8	75	63.9
	Feb 2005	467	8.4	445.80	539	0	74.64	90.0	30.4	75	65.0
	Mar 2005	669	10.9	446.70	555	16	75.08	90.0	44.1	75	66.0
	Apr 2005	796	13.4	448.71	594	38	75.09	120.0	52.5	100	66.0
	May 2005	740	12.0	449.60	611	18	76.49	120.0	49.5	100	66.9
	Jun 2005	733	12.3	449.60	611	0	76.93	120.0	49.3	100	67.3
	Jul 2005	763	12.4	448.00	580	-31	76.15	120.0	50.9	100	66.7
	Aug 2005	665	10.8	447.50	570	-10	75.13	120.0	43.7	100	65.7
	Sep 2005	559	9.4	446.81	557	-13	74.86	112.8	36.4	94	65.2
	WY 2005	6924							455.6		
	Oct 2005	484	7.9	446.29	548	-9	75.24	92.4	31.6	77	65.3
	Nov 2005	375	6.3	446.00	543	-5	74.79	93.6	24.1	78	64.2
	Dec 2005	320	5.2	445.80	539	-4	74.07	103.2	20.2	86	63.0
	Jan 2006	356	5.8	445.80	539	0	74.64	90.0	22.7	75	63.9
	Feb 2006	466	8.4	446.00	543	4	73.33	120.0	29.7	100	63.8
	Mar 2006	667	10.8	446.70	555	13	73.77	120.0	43.1	100	64.6

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T Y M R E S E R V O I R S

Bureau of Reclamation - CRFS 4/2004 Most Prob Water Supply Wed Apr 7 09:29:45 2004

Upper Basin Power

	Glen Canyon 1000 MWHR	Flam Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Res 1000 MWHR	Font Res 1000 MWHR
* Apr 2003	254	16	12	18	11	6
H May 2003	275	48	11	20	18	5
I Jun 2003	0	0	0	0	0	0
S Jul 2003	386	17	29	39	20	3
T Aug 2003	382	17	26	36	23	3
O Sep 2003	201	32	17	23	22	3
Summer 2003	1498	130	95	135	94	21
R Oct 2003	206	17	13	18	8	2
I Nov 2003	198	17	4	6	0	3
C Dec 2003	251	22	4	5	1	3
A Jan 2004	325	17	4	6	0	3
L Feb 2004	294	24	5	5	0	0
* Mar 2004	312	18	3	6	0	3
Winter 2004	1586	115	32	46	8	14
Apr 2004	247	18	7	11	0	5
May 2004	229	44	11	22	0	7
Jun 2004	307	24	17	26	17	8
Jul 2004	343	17	32	36	21	9
Aug 2004	339	17	26	32	18	7
Sep 2004	180	17	20	25	15	6
Summer 2004	1644	138	113	152	71	41
Oct 2004	184	18	12	16	10	6
Nov 2004	177	17	4	5	4	6
Dec 2004	183	18	7	10	6	5
Jan 2005	313	18	11	14	8	5
Feb 2005	237	16	14	19	10	4
Mar 2005	218	18	20	26	15	0
Winter 2005	1312	103	68	89	53	26
Apr 2005	217	17	22	31	19	0
May 2005	239	45	14	26	22	5
Jun 2005	302	72	12	21	21	7
Jul 2005	350	43	27	33	22	9
Aug 2005	350	43	32	37	22	8
Sep 2005	306	41	31	37	21	6
Summer 2005	1764	261	137	186	127	36
Oct 2005	228	42	27	32	18	6
Nov 2005	228	41	17	22	12	5
Dec 2005	304	42	23	29	16	5
Jan 2006	302	42	25	31	17	5
Feb 2006	225	38	21	27	15	0
Mar 2006	225	42	22	30	17	0
Winter 2006	1512	248	135	171	96	21

BUREAU OF RECLAMATION - CRFS 4/2004 MOST PROB WATER SUPPLY JOB STARTED:Wed APR 7 9:47:18 2004

model_run_id = 1402

F L O O D C O N T R O L C R I T E R I A
B E G I N N I N G O F M O N T H C O N D I T I O N S

MON	YEAR	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	LAKE POWELL KAF	UPPER BASIN TOTAL KAF	LAKE MEAD KAF	TOTAL KAF	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	TOT OR MAX ALLOW KAF	LAKE POWELL KAF	LAKE MEAD KAF	TOTAL KAF	BOM SPACE REQD KAF	MEAD SCHED REL KAF	MEAD FC REL KAF	SYS CONT MAF
		* * * * P R E D I C T E D S P A C E * * * *										* * * * E F F E C T I V E S P A C E * * * *							
APR	2004	1295	409	912	14140	16757	12125	28881	328	234	381	943	14140	12125	27208	1500	1099	0	31.6
MAY	2004	1229	366	860	14199	16654	12560	29214	254	188	304	746	14199	12560	27506	1500	1100	0	31.9
JUN	2004	1220	258	758	13730	15965	13037	29003	234	68	171	473	13730	13037	27240	1500	842	0	32.2
JUL	2004	1041	151	684	13587	15464	13131	28596	41	-56	54	39	13587	13131	26758	1500	864	0	31.7
												* * * * C R E D I T A B L E S P A C E * * * *							
AUG	2004	1016	203	679	14059	15956	13141	29097	1016	203	679	1898	14059	13141	29097	1500	790	0	31.2
SEP	2004	1016	242	697	14569	16524	13073	29596	1016	242	697	1955	14569	13073	29596	2270	572	0	30.8
OCT	2004	1023	272	681	14677	16653	13187	29840	1023	272	681	1976	14677	13187	29840	3040	325	0	30.7
NOV	2004	1023	283	679	14720	16705	13049	29754	1023	283	679	1985	14720	13049	29754	3810	660	0	30.5
DEC	2004	1027	270	673	14777	16747	13233	29980	1027	270	673	1970	14777	13233	29980	4580	645	0	30.4
JAN	2005	1045	273	673	14895	16885	13360	30246	1045	273	673	1991	14895	13360	30246	5350	723	0	30.1
												* * * * E F F E C T I V E S P A C E * * * *							
JAN	2005	1045	273	673	14895	16885	13360	30246	556	273	416	1245	14895	13360	29500	5350	723	0	30.1
FEB	2005	1059	289	673	15356	17377	13219	30596	567	289	416	1271	15356	13219	29846	1500	718	0	29.9
MAR	2005	1064	318	667	15622	17670	13233	30903	568	318	408	1294	15622	13233	30149	1500	951	0	29.5
APR	2005	1027	357	619	15727	17729	13538	31267	525	357	355	1237	15727	13538	30501	1500	1111	0	29.2
MAY	2005	952	370	538	15677	17537	14029	31566	440	370	249	1059	15677	14029	30765	1500	1035	0	30.1
JUN	2005	830	242	426	14862	16360	14395	30756	305	236	104	645	14862	14395	29903	1500	887	0	31.6
JUL	2005	644	55	423	13620	14742	14527	29269	103	28	55	186	13620	14527	28332	1500	872	0	31.9
												* * * * C R E D I T A B L E S P A C E * * * *							
AUG	2005	559	26	421	13390	14396	14529	28925	559	26	421	1005	13390	14529	28925	1500	801	0	31.5
SEP	2005	595	61	438	13686	14781	14455	29236	595	61	438	1095	13686	14455	29236	2270	590	0	31.2
OCT	2005	662	122	425	13963	15172	14283	29455	662	122	425	1210	13963	14283	29455	3040	435	0	31.0
NOV	2005	718	172	419	13947	15256	14144	29400	718	172	419	1309	13947	14144	29400	3810	633	0	31.0
DEC	2005	777	198	404	13959	15338	14184	29523	777	198	404	1379	13959	14184	29523	4580	626	0	30.9
JAN	2006	855	248	395	14206	15703	14004	29707	855	248	395	1497	14206	14004	29707	5350	722	0	30.7
												* * * * E F F E C T I V E S P A C E * * * *							
JAN	2006	855	248	395	14206	15703	14004	29707	497	248	274	1018	14206	14004	29228	5350	722	0	30.7
FEB	2006	927	306	389	14472	16094	13907	30001	568	306	268	1142	14472	13907	29521	1500	687	0	30.5
MAR	2006	985	353	378	14571	16286	13938	30225	624	353	256	1233	14571	13938	29742	1500	966	0	30.2

Date: July 12, 2004

From: Water Resource Group, Salt Lake City

To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Status

	June inflow(unreg) (Acre-Feet)	Percent of normal	Midnight July 11 Elevation	Reservoir Storage (Acre-Feet)
Fontenelle	181,000	51	6505.08	338,000
Flaming Gorge	201,000	43	6009.65	2,630,000
Blue Mesa	134,000	46	7496.07	629,000
Powell	1,095,000	36	3584.32	10,314,000
Navajo	133,000	51	6030.79	1,017,000

Expected Operation

FONTENELLE – Inflows during June were well above forecasted levels due to increased precipitation in the latter half of the month. Fontenelle Reservoir received 181,000 acre-feet of inflow during the month which was 36,000 acre-feet more than was forecasted on June 1st, 2004. As a result, the reservoir entered July with a reservoir elevation of 6502.7 feet above sea level which was significantly higher than expected. Inflows for the first part of July have continued to be above anticipated levels and as of July 8th, the reservoir elevation had reached a water surface elevation of 6505 feet above sea level which is one foot from the full pool elevation of 6506 feet above sea level.

Releases were increased from 900 cfs to 3000 cfs to control the rate of rise beginning on June 30th, 2004. This required a bypass of approximately 1800 cfs as the powerplant was limited to approximately 1200 cfs due to an equipment malfunction. The powerplant equipment was fixed on July 8th and the powerplant releases were increased to approximately 1500 cfs. Fontenelle is very nearly full and releases continue to include bypass releases as of July 8th, 2004. Releases to draw the reservoir down to the minimum power pool elevation will most likely by about 1000 cfs through the fall and winter months.

Open forum discussions on Fontenelle operations take place at the "Fontenelle Reservoir Working Group" meetings. The Working Group is a forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir. The public is encouraged to attend and express their concerns and interests with regard to Fontenelle Reservoir operation. The next Working Group meeting is scheduled for August 18th, 2004 at 10:30 a.m. and will at the Seedskadee Wildlife Refuge below Fontenelle Dam. For more information about the Working Group, contact Ed Vidmar at 801-379-1182.

FLAMING GORGE – Inflows during June were greater than forecasted. The unregulated inflow

volume for the month of June was 201,000 acre-feet while the forecasted volume for June was 158,000 acre-feet. The reservoir elevation as of July 8th is about 6009.29 and slowly increasing. Releases during June averaged 1000 cfs/day with lower levels at night of about 800 cfs and peak levels during the day of approximately 1600 cfs. These fluctuations are within the constraint of the 1992 Biological Opinion.

During the month of July, releases will likely continue to fluctuate between 800 cfs in the evening and morning hours and 1600 cfs during the afternoons. The elevation will remain relatively steady at approximately 6009.3 feet above sea level but could trend upward if inflows remain above forecasted levels.

The next "Flaming Gorge Working Group" meeting is to be held on August 19th, 2004 in Heber, Utah at 10:00 a.m.. The location is yet to be determined. The Working Group is a forum for information exchange between Reclamation and all other parties associated with the operation of Flaming Gorge Reservoir. The public is encouraged to attend and express their concerns and interests with regard to the operation of Flaming Gorge Reservoir. For more information about the Working Group please contact Ed Vidmar at 801-379-1182.

ASPINALL – June unregulated inflow into Blue Mesa Reservoir was 134,000 acre-feet or 46 percent of average. Hydrologic conditions remain dry with drought still the controlling factor for water management throughout the region. June recorded precipitation was 80 percent of average. The current inflow rate into Blue Mesa Reservoir is about 900 cfs and reservoir releases are averaging about 1450 cfs. Blue Mesa's present elevation is 7496.07 feet, which corresponds to a storage content of about 629,000 acre-feet.

Over the last couple of weeks, reservoir releases from Crystal have increased in order to meet contracted water downstream. Currently, releases from Crystal are set at 1700 cfs. The Gunnison Diversion Tunnel is taking about 950 cfs while the river flows below the tunnel are about 750 cfs. It is anticipated that canyon flows will start to decrease as downstream demands slow down, which should happen during the month of August.

The next meeting of the "Aspinall Unit Working Group" will be held on Thursday, August 26, 2004 at 1:00 PM at the National Park Service Elk Creek Visitor Center at Blue Mesa Reservoir. At this meeting, review of last spring and summer reservoir operations, and plans for this autumn 2004 operations will be discussed. These meetings are open forum discussions on the Aspinall Unit reservoir operations with many interested groups participating. Anyone needing further information about these meetings should contact Dan Crabtree in the Grand Junction Area Office at (970) 248-0652.

NAVAJO – On Tuesday, June 29, 2004, releases from Navajo Reservoir were increased from 350 cfs to 500 cfs. Releases are made for the authorized purposes of the Navajo Unit, and to attempt to maintain a target base flow through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell). As downstream tributary inflows to the San Juan River decrease, releases will be increased as necessary. Subject to National Environmental Policy Act (NEPA) compliance, the minimum allowable release of 350 cfs will be in effect until November 1, 2004, or until a Record of Decision is received on the Navajo Reservoir Operations Environmental Impact Statement, whichever comes first. Because of on going gate repair work at Navajo Dam there was no spring peak release made from the reservoir for endangered fish this year.

On July 6, 2004, the National Weather Service's River Forecast Center issued an updated inflow forecast for Navajo Reservoir for the April through July runoff period. This forecast is projecting a volume runoff into the reservoir of 545,000 acre-feet, a decrease of 5,000 acre-feet from last month's forecast. This represents a 68 percent of normal runoff for the Upper San Juan River Basin.

Unregulated inflow for Navajo Reservoir during the month of June was 133,000 acre-feet, or 51 percent of average. The current daily reservoir inflow is averaging about 500 cfs and reservoir releases are set at 500 cfs. Presently, the reservoir water surface elevation is 6030.79 feet, which corresponds to a storage content of about 1,017,000 acre-feet. The monthly precipitation average in the basin above Bluff was 60 percent of average during June.

A public meeting on Navajo Reservoir operations will be held on Tuesday, August 17, 2004 at 1:00 PM in Farmington, New Mexico. At this meeting, review of last spring and summer reservoir operations, and plans for this fall and winter 2004 operations will be discussed. These are open forum discussions on the operation of Navajo Reservoir with many interested groups participating. Anyone interested in the general operation of the reservoir is encouraged to attend. Please contact Pat Page in Reclamation's Durango, Colorado Office at (970) 385-6560 for information about these meetings or the daily operation of Navajo Reservoir.

Lake Powell - Current Status

Glen Canyon Dam Operations

In July 2004, a volume of 900,000 acre-feet is scheduled to be released from Lake Powell, which is an average of 14,600 cubic feet per second (cfs). On Mondays through Fridays in July, daily fluctuations due to load following will likely vary between a low of about 10,500 cfs (during late evening and early morning off-peak hours) to a high of about 18,500 cfs (during late afternoon and early evening on-peak hours). On Saturdays, releases will likely vary between a low of about 10,500 cfs during off-peak hours to a high of about 17,750 cfs during on-peak hours. On Sundays, releases will likely vary between a low of about 10,500 cfs during off-peak hours to a high of about 16,500 cfs during on-peak hours. This release pattern is shown in the following graph. It should be noted, however, that actual releases will occasionally deviate somewhat from those displayed due to real-time power system considerations.

A volume of 900,000 acre-feet is scheduled to be released in August. It is expected that a load following release pattern similar to the one seen in July will be followed in August. Because of the draw down condition of Lake Powell, releases from Lake Powell in water year 2004 are being scheduled to meet the minimum release objective of 8.23 million acre-feet. This is consistent with the requirements of the Criteria for Coordinated Long-Range Operation of Colorado River Reservoirs.

Upper Colorado River Basin Hydrology

The month of June was cooler than average in the Colorado River Basin. Aggregate precipitation in the basin was near average, although there was significant spatial disparity (above average precipitation in the northern areas of the basin and below average levels in the southern areas). Inflow to Lake Powell in June was 65,000 acre-feet above the June 1 projection. In the grand scheme of things, this is not a lot of water, but at least it is a move in the right direction. Inflow projections remain low, however. The National Weather Service's July final forecast is calling for

3.475 million acre-feet of unregulated inflow to Lake Powell during the April through July runoff period, only 44 percent of average.

The month of March pretty much dashed hopes that 2004 would bring relief to the ongoing drought in the Colorado River Basin. Basin snowpack on March 1, 2004 was 96 percent of average. At that time, the April through July inflow was forecasted to be 82 percent of average. The weather pattern in March, 2004 was very dry and extremely warm for early spring. Temperatures around the basin for much of the month were 20 degrees above average. Basinwide snowpack dropped over 30 percentage points in March. Inflow projections to Lake Powell were reduced to 50 percent of average in early April.

The Colorado River Basin is now in its 5th year of drought. In July 1999, Lake Powell was essentially full, with reservoir storage at 97 percent of capacity. Since that time, inflow volumes have been below average for 5 consecutive years. The last month when inflow to Lake Powell was above average was September 1999. Unregulated inflow in water years 2000, 2001, 2002, and 2003 was 62, 59, 25, and 51 percent of average, respectively. Total unregulated inflow for water year 2004 is now forecasted to be 50 percent of average. Inflow in water year 2002 was the lowest ever observed since the completion of Glen Canyon Dam in 1963.

Peak inflow to Lake Powell this year occurred on May 14 (about three weeks earlier than normal) when inflow was 21,400 cfs. As of July 6, 2004 observed inflow to Lake Powell was 9,500 cfs about 35 percent of what is normally seen in early July. Total unregulated inflow to Lake Powell in March, April, and May of this year was 81, 83, and 51 percent of average, respectively. Inflow in June was 1,095,000 acre-feet, or 36 percent of average. Unless there is a summer monsoon in the Colorado River Basin, inflow in July could be less than 30 percent of average. There are only limited amounts of mountain snowpack remaining in the basin.

Low inflows the past 5 years have reduced water storage in Lake Powell. The current elevation (as of July 7, 2004) of Lake Powell is 3,585.2 feet (114.8 feet from full pool). Current storage is 10.4 million acre-feet (43 percent of live capacity).

The water surface elevation at Lake Powell reached a seasonal low of 3,582.7 feet on April 2, 2004 and then increased to a seasonal high on June 14, 2004, reaching an elevation of 3,587.4 feet. The water surface has since begun to decline, and will likely continue to decline for the remainder of the year. Under the current inflow forecast, the water surface elevation of Lake Powell is projected to be about 3,570 feet on January 1, 2005. It should be noted that this projected elevation will likely shift, depending upon weather patterns the remainder of the year.

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-280
125 SOUTH STATE STREET, ROOM 6107
SALT LAKE CITY, UT 84138-1102
PHONE 801-524-5571

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RUNOFF PROJECTIONS AND INFLOW INFORMATION INTO UPPER BASIN RESERVOIR PROVIDED BY THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICE'S COLORADO BASIN RIVER FORECAST CENTER ARE AS FOLLOWS

:	Obs					Forecast		Outlook		
:	nov	dec	jan	feb	%Avg	mar	apr	may	apr-jul	%Avg
GLDA3:Lake Powell	352	296	303	245	58%:	450/	750/	1850/	6500/:	82%
GBRW4:Fontenelle	27	28	25	23	79%:	42/	75/	140/	625/:	73%
GRNU1:Flaming Gorge	28	27	28	33	66%:	70/	120/	190/	825/:	69%
BMDC2:Blue Mesa	24	22	21	20	88%:	32/	70/	190/	620/:	86%
MPSC2:Morrow Point	25	24	23	22	85%:	36/	80/	212/	675/:	86%
CLSC2:Crystal	29	27	27	26	87%:	42/	95/	245/	770/:	84%
VCRC2:Vallecito	6.1	4.9	4.8	3.9	83%:	5.4/	22/	80/	215/:	105%
NVRN5:Navajo	24	19.6	17.3	23	77%:	80/	210/	335/	880/:	110%
MPHC2:McPhee	3.6	3.5	3.6	3.7	77%:	13/	65/	130/	305/:	95%
TPIC2:Taylor Park	4.4	3.8	3.9	3.7	95%:	4.3/	8/	25/	90/:	87%
RBSC2:Ridgway					:	/	/	/	102/:	100%
LEMC2:Lemon	1.0	0.9	.73	0.6	79%:	1/	4.5/	22/	60/:	103%

: ** UNREGULATED CRYSTAL INFLOW COMBINES BLUE MESA UNREGULATED
: INFLOW PLUS THE SIDE INFLOW TO BOTH MORROW POINT AND CRYSTAL

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T E M R E S E R V O I R S

Bureau of Reclamation - CRFS 7/2004 Most Prob Water Supply 14-jul-2004 09:41:13

Fontenelle Reservoir

	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
* Jul 2003	69	2	46	0	46	6498.43	287
H Aug 2003	35	2	47	0	47	6496.53	273
I Sep 2003	31	2	46	0	46	6494.31	258
WY 2003	653	16	598	31	629		
S Oct 2003	27	1	29	17	46	6491.32	237
T Nov 2003	27	1	41	5	46	6488.45	218
O Dec 2003	28	1	46	0	46	6485.47	199
R Jan 2004	25	1	47	0	47	6481.72	176
I Feb 2004	23	1	43	0	43	6477.84	156
C Mar 2004	58	1	46	0	46	6479.97	167
A Apr 2004	66	1	44	0	44	6483.56	187
L May 2004	67	2	59	0	59	6484.57	193
* Jun 2004	182	2	60	0	60	6501.79	313
Jul 2004	120	3	95	0	95	6504.64	335
Aug 2004	50	2	61	0	61	6502.95	322
Sep 2004	35	2	60	0	60	6499.45	295
WY 2004	708	18	631	22	653		
Oct 2004	37	1	61	0	61	6496.00	270
Nov 2004	32	1	60	0	60	6491.91	241
Dec 2004	26	1	61	0	61	6486.47	205
Jan 2005	25	1	61	0	61	6480.32	169
Feb 2005	23	1	56	0	56	6473.61	135
Mar 2005	42	0	75	0	75	6465.69	102
Apr 2005	74	1	80	0	80	6463.96	95
May 2005	157	1	95	0	95	6477.94	156
Jun 2005	285	2	102	45	147	6499.07	292
Jul 2005	170	3	101	20	121	6505.07	338
Aug 2005	74	2	92	0	92	6502.49	318
Sep 2005	42	2	65	0	65	6499.23	293
WY 2005	987	16	909	65	974		
Oct 2005	47	1	68	0	68	6496.20	271
Nov 2005	39	1	65	0	65	6492.41	244
Dec 2005	30	1	68	0	68	6486.54	206
Jan 2006	28	1	68	0	68	6479.68	165
Feb 2006	26	0	62	0	62	6472.16	129
Mar 2006	47	0	78	0	78	6464.49	97
Apr 2006	84	1	85	0	85	6464.08	96
May 2006	176	1	95	0	95	6481.54	175
Jun 2006	320	2	102	103	205	6498.57	288

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Flaming Gorge Reservoir

	Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Yampa Flow 1000 Ac-Ft	Jensen Flow 1000 Ac-Ft
* Jul 2003	72	48	11	50	0	50	70	6010.90	2670	0	102
H Aug 2003	33	44	11	52	0	52	69	6010.36	2653	0	65
I Sep 2003	26	40	9	50	0	50	68	6009.81	2635	0	65
WY 2003	764	737	68	709	0	709					2047
S Oct 2003	23	44	6	52	0	52	68	6009.38	2621	0	67
T Nov 2003	28	47	3	51	0	51	67	6009.17	2614	0	79
O Dec 2003	27	46	2	53	0	53	67	6008.91	2606	0	80
R Jan 2004	27	48	2	53	0	53	67	6008.73	2600	0	272
I Feb 2004	33	53	2	50	0	50	67	6008.77	2602	0	301
C Mar 2004	98	89	3	54	0	54	68	6009.71	2632	0	246
A Apr 2004	84	62	4	51	0	51	68	6009.90	2638	0	233
L May 2004	76	69	7	107	0	107	67	6008.57	2595	0	391
* Jun 2004	188	74	9	61	0	61	67	6008.69	2599	0	232
Jul 2004	130	105	11	61	0	61	68	6009.66	2631	0	61
Aug 2004	55	66	9	57	0	57	68	6009.67	2631	0	57
Sep 2004	35	60	8	48	0	48	68	6009.80	2636	0	48
WY 2004	804	763	66	698	0	698					2067
Oct 2004	41	65	4	49	0	49	68	6010.16	2647	0	49
Nov 2004	40	68	2	48	0	48	69	6010.72	2664	0	48
Dec 2004	32	67	2	49	0	49	70	6011.20	2680	0	49
Jan 2005	36	72	2	49	0	49	70	6011.84	2701	0	49
Feb 2005	40	73	2	44	0	44	71	6012.63	2727	0	44
Mar 2005	86	119	4	49	0	49	73	6014.55	2792	0	49
Apr 2005	126	132	6	48	0	48	76	6016.76	2867	0	48
May 2005	242	180	9	123	0	123	77	6018.10	2913	0	123
Jun 2005	376	238	12	198	0	198	78	6018.88	2940	0	198
Jul 2005	207	158	13	80	0	80	80	6020.68	3004	0	80
Aug 2005	86	104	10	80	0	80	81	6021.08	3018	0	80
Sep 2005	52	75	8	77	0	77	80	6020.80	3008	0	77
WY 2005	1364	1351	74	894	0	894					894
Oct 2005	59	80	5	80	0	80	80	6020.67	3003	0	80
Nov 2005	50	76	2	77	0	77	80	6020.58	3000	0	77
Dec 2005	36	74	2	80	0	80	80	6020.38	2993	0	80
Jan 2006	41	81	2	80	0	80	80	6020.36	2992	0	80
Feb 2006	45	81	2	73	0	73	80	6020.52	2998	0	73
Mar 2006	97	128	4	80	0	80	81	6021.72	3041	0	80
Apr 2006	141	142	7	77	0	77	83	6023.27	3097	0	77
May 2006	273	192	10	130	0	130	85	6024.66	3148	0	130
Jun 2006	423	308	12	198	0	198	88	6027.19	3242	0	198

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Taylor Park Reservoir

	Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
* Jul 2003	9	15	9313.21	75
H Aug 2003	6	14	9308.70	68
I Sep 2003	8	7	9309.00	68
WY 2003	109	81		
S Oct 2003	5	4	9309.72	69
T Nov 2003	4	3	9310.47	71
O Dec 2003	4	3	9310.82	71
R Jan 2004	4	3	9311.17	72
I Feb 2004	4	3	9311.44	72
C Mar 2004	5	4	9312.62	74
A Apr 2004	8	4	9314.81	78
L May 2004	23	10	9322.01	91
* Jun 2004	23	16	9325.53	97
Jul 2004	10	18	9320.94	89
Aug 2004	6	18	9313.91	76
Sep 2004	4	15	9307.40	66
WY 2004	100	101		
Oct 2004	4	6	9306.34	64
Nov 2004	4	3	9306.87	65
Dec 2004	4	3	9307.33	66
Jan 2005	3	3	9307.66	66
Feb 2005	3	3	9307.72	66
Mar 2005	3	4	9307.33	66
Apr 2005	7	6	9307.79	66
May 2005	22	10	9315.12	78
Jun 2005	36	16	9326.25	99
Jul 2005	18	18	9326.15	99
Aug 2005	8	18	9321.04	89
Sep 2005	6	16	9315.24	79
WY 2005	118	106		
Oct 2005	6	8	9314.00	76
Nov 2005	5	3	9314.95	78
Dec 2005	4	3	9315.59	79
Jan 2006	4	3	9316.11	80
Feb 2006	3	3	9316.34	80
Mar 2006	4	5	9315.71	79
Apr 2006	8	14	9311.89	73
May 2006	25	18	9315.83	80
Jun 2006	41	20	9327.17	101

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Blue Mesa Reservoir

	Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir elevation EOM Feet	Live Storage 1000 Ac-Ft
* Jul 2003	43	49	1	101	0	101	7473.26	458
H Aug 2003	33	40	1	93	0	93	7465.29	405
I Sep 2003	45	45	1	62	0	62	7462.45	387
WY 2003	631	606	5	489	0	489		
S Oct 2003	26	25	0	47	0	47	7458.78	364
T Nov 2003	23	22	0	16	0	16	7459.81	370
O Dec 2003	22	21	0	15	0	15	7460.86	377
R Jan 2004	21	20	0	14	0	14	7461.91	383
I Feb 2004	19	19	0	12	0	12	7463.03	390
C Mar 2004	46	44	0	13	0	13	7467.75	421
A Apr 2004	68	64	1	31	0	31	7472.65	454
L May 2004	154	141	1	32	0	32	7487.46	562
* Jun 2004	134	128	1	54	0	54	7496.75	635
Jul 2004	59	68	1	96	0	96	7493.03	605
Aug 2004	38	50	1	87	0	87	7488.21	567
Sep 2004	23	33	1	72	0	72	7482.99	528
WY 2004	633	635	6	489	0	489		
Oct 2004	25	27	0	42	0	42	7480.91	513
Nov 2004	24	23	0	13	0	13	7482.26	523
Dec 2004	21	20	0	14	0	14	7483.16	529
Jan 2005	20	19	0	25	0	25	7482.39	524
Feb 2005	18	18	0	28	0	28	7481.06	514
Mar 2005	28	29	0	44	0	44	7478.89	498
Apr 2005	60	59	1	55	0	55	7479.39	502
May 2005	174	162	1	46	0	46	7494.48	617
Jun 2005	234	214	1	44	0	44	7514.43	785
Jul 2005	107	107	2	88	0	88	7516.40	802
Aug 2005	52	62	1	101	0	101	7511.85	762
Sep 2005	30	40	1	100	0	100	7504.79	701
WY 2005	793	780	7	600	0	600		
Oct 2005	33	35	1	77	0	77	7499.76	659
Nov 2005	29	27	0	52	0	52	7496.70	634
Dec 2005	23	22	0	75	0	75	7489.98	581
Jan 2006	23	22	0	86	0	86	7481.52	517
Feb 2006	21	21	0	72	0	72	7474.33	466
Mar 2006	32	33	0	81	0	81	7467.22	417
Apr 2006	68	74	1	73	0	73	7467.34	418
May 2006	196	189	1	43	0	43	7487.69	563
Jun 2006	263	242	1	35	0	35	7512.66	769

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Morrow Point Reservoir

	Unreg Inflow 1000 Ac-Ft	Blue_Mesa Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Evap losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
* Jul 2003	46	101	3	104	0	106	0	106	7154.89	113
H Aug 2003	36	93	3	95	0	97	0	97	7152.55	111
I Sep 2003	47	62	2	64	0	64	0	64	7153.42	112
WY 2003	678	489	48	536	0	380	149	529		
S Oct 2003	28	47	2	49	0	52	0	52	7149.88	109
T Nov 2003	25	16	2	18	0	16	0	16	7151.87	111
O Dec 2003	24	15	2	16	0	15	0	15	7153.36	112
R Jan 2004	23	14	2	15	0	17	0	17	7151.70	110
I Feb 2004	22	12	2	14	0	15	0	15	7150.31	109
C Mar 2004	51	13	5	18	0	17	0	17	7151.24	110
A Apr 2004	78	31	10	40	0	40	0	40	7151.23	110
L May 2004	171	32	18	50	0	47	0	47	7154.18	112
* Jun 2004	143	54	8	62	0	62	0	62	7154.59	113
Jul 2004	62	96	3	99	0	100	0	100	7153.73	112
Aug 2004	40	87	2	89	0	89	0	89	7153.73	112
Sep 2004	24	72	1	73	0	73	0	73	7153.73	112
WY 2004	691	489	57	543	0	543	0	543		
Oct 2004	26	42	1	42	0	43	0	43	7153.73	112
Nov 2004	25	13	1	14	0	14	0	14	7153.73	112
Dec 2004	22	14	1	15	0	15	0	15	7153.73	112
Jan 2005	22	25	2	27	0	27	0	27	7153.73	112
Feb 2005	21	28	3	30	0	31	0	31	7153.73	112
Mar 2005	31	44	3	47	0	47	0	47	7153.73	112
Apr 2005	68	55	8	63	0	63	0	63	7153.73	112
May 2005	198	46	24	70	0	70	0	70	7153.73	112
Jun 2005	252	44	18	62	0	62	0	62	7153.73	112
Jul 2005	113	88	6	94	0	94	0	94	7153.73	112
Aug 2005	54	101	2	103	0	103	0	103	7153.73	112
Sep 2005	31	100	1	101	0	101	0	101	7153.73	112
WY 2005	863	600	70	668	0	670	0	670		
Oct 2005	35	77	2	79	0	79	0	79	7153.73	112
Nov 2005	31	52	2	54	0	54	0	54	7153.73	112
Dec 2005	25	75	2	77	0	77	0	77	7153.73	112
Jan 2006	24	86	1	87	0	87	0	87	7153.73	112
Feb 2006	23	72	2	74	0	74	0	74	7153.73	112
Mar 2006	35	81	3	84	0	84	0	84	7153.73	112
Apr 2006	77	73	9	82	0	82	0	82	7153.73	112
May 2006	222	43	26	69	0	69	0	69	7153.73	112
Jun 2006	284	35	21	56	0	56	0	56	7153.73	112

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Crystal Reservoir

	unreg Inflow 1000 Ac-Ft	Morrow Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Tunnel Flow 1000 Ac-Ft	Below_tunnel Flow 1000 Ac-Ft
* Jul 2003	52	106	6	111	108	1	109	6748.44	16	63	49
H Aug 2003	42	97	6	103	102	0	102	6752.65	17	62	41
I Sep 2003	52	64	5	68	70	0	70	6744.61	15	46	27
WY 2003	756	529	76	605	522	85	607			351	269
S Oct 2003	32	52	4	56	27	28	55	6746.98	15	34	23
T Nov 2003	29	16	4	20	0	20	20	6747.86	16	0	20
O Dec 2003	27	15	4	19	0	20	20	6744.53	15	1	19
R Jan 2004	27	17	4	21	0	20	20	6748.12	16	0	20
I Feb 2004	25	15	3	18	0	18	18	6748.18	16	5	19
C Mar 2004	58	17	7	25	0	24	24	6749.98	16	19	19
A Apr 2004	88	40	10	50	0	50	50	6751.44	17	33	19
L May 2004	194	47	23	70	0	70	70	6751.47	17	50	22
* Jun 2004	156	62	13	75	0	75	75	6752.33	17	55	22
Jul 2004	72	100	10	110	111	0	111	6746.05	15	65	46
Aug 2004	47	89	7	96	96	0	96	6746.05	15	65	31
Sep 2004	30	73	6	79	79	0	79	6746.05	15	55	24
WY 2004	785	543	95	639	313	325	638			382	284
Oct 2004	32	43	6	49	49	0	49	6746.05	15	30	19
Nov 2004	29	14	4	18	18	0	18	6746.05	15	0	18
Dec 2004	26	15	4	19	19	0	19	6746.05	15	0	19
Jan 2005	26	27	4	31	31	0	31	6746.05	15	0	31
Feb 2005	24	31	3	33	34	0	34	6746.05	15	0	33
Mar 2005	38	47	7	54	54	0	54	6746.05	15	5	49
Apr 2005	83	63	15	78	78	0	78	6746.05	15	30	48
May 2005	239	70	41	111	111	0	111	6746.05	15	55	56
Jun 2005	302	62	50	112	112	0	112	6746.05	15	60	52
Jul 2005	134	94	21	115	115	0	115	6746.05	15	65	50
Aug 2005	66	103	12	115	115	0	115	6746.05	15	65	50
Sep 2005	39	101	8	109	109	0	109	6746.05	15	55	54
WY 2005	1038	670	175	844	845	0	845			365	479
Oct 2005	42	79	7	86	86	0	86	6746.05	15	30	56
Nov 2005	36	54	5	59	59	0	59	6746.05	15	0	59
Dec 2005	30	77	5	82	82	0	82	6746.05	15	0	82
Jan 2006	29	87	5	92	92	0	92	6746.05	15	0	92
Feb 2006	27	74	4	78	78	0	78	6746.05	15	0	78
Mar 2006	42	84	7	91	91	0	91	6746.05	15	5	86
Apr 2006	94	82	17	99	99	0	99	6746.05	15	30	69
May 2006	269	69	47	116	116	0	116	6746.05	15	55	61
Jun 2006	340	56	56	112	112	0	112	6746.05	15	60	52

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Vallecito Reservoir

	Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
* Jul 2003	9	36	7627.82	41
H Aug 2003	11	26	7616.93	25
I Sep 2003	17	6	7624.58	36
WY 2003	163	142		
S Oct 2003	6	4	7625.86	38
T Nov 2003	6	0	7629.25	43
O Dec 2003	5	0	7631.78	48
R Jan 2004	5	0	7634.30	53
I Feb 2004	4	0	7636.34	57
C Mar 2004	16	0	7643.57	72
A Apr 2004	25	7	7651.11	90
L May 2004	73	44	7662.38	118
* Jun 2004	51	49	7663.00	120
Jul 2004	16	43	7652.50	93
Aug 2004	14	43	7639.89	64
Sep 2004	13	35	7628.44	42
WY 2004	234	225		
Oct 2004	11	13	7627.44	41
Nov 2004	7	0	7631.35	47
Dec 2004	5	0	7633.73	52
Jan 2005	4	0	7635.61	55
Feb 2005	4	0	7637.42	59
Mar 2005	6	0	7640.31	65
Apr 2005	17	7	7644.90	75
May 2005	54	43	7649.44	86
Jun 2005	66	42	7659.10	110
Jul 2005	28	43	7653.19	95
Aug 2005	15	43	7641.24	67
Sep 2005	13	35	7629.99	45
WY 2005	230	226		
Oct 2005	13	12	7630.33	46
Nov 2005	8	0	7634.49	53
Dec 2005	5	0	7637.04	58
Jan 2006	5	0	7639.05	62
Feb 2006	5	0	7640.99	67
Mar 2006	7	0	7644.10	73
Apr 2006	19	8	7648.81	84
May 2006	60	46	7654.67	99
Jun 2006	74	48	7664.55	124

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Navajo Reservoir

	Mod_Unreg Inflow 1000 Ac-Ft	Azetea Tunnel_Div 1000 Ac-Ft	Reg Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	NIIP Diversion 1000 ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Farm Flow 1000 Ac-Ft
* Jul 2003	-9	1	17	3	41	58	6007.43	800	53
H Aug 2003	2	1	19	2	33	43	6000.18	740	51
I Sep 2003	48	3	35	2	15	24	5999.45	734	67
WY 2003	479	62	400	17	183	338			604
S Oct 2003	14	0	12	1	7	27	5996.50	711	49
T Nov 2003	24	0	18	1	0	16	5996.73	713	51
O Dec 2003	18	0	13	0	0	16	5996.36	710	78
R Jan 2004	17	0	13	0	0	16	5995.94	707	60
I Feb 2004	24	0	20	1	1	15	5996.45	711	33
C Mar 2004	120	12	94	1	4	16	6005.51	784	58
A Apr 2004	152	15	119	2	11	21	6015.33	869	98
L May 2004	225	30	168	3	28	22	6027.58	984	155
* Jun 2004	132	20	109	3	40	22	6031.96	1028	115
Jul 2004	35	5	57	3	46	31	6029.75	1006	31
Aug 2004	38	3	65	2	41	33	6028.28	991	36
Sep 2004	27	1	48	2	18	25	6028.92	998	22
WY 2004	826	86	736	19	196	260			786
Oct 2004	32	1	32	1	12	22	6028.68	995	22
Nov 2004	27	0	20	1	1	16	6028.95	998	16
Dec 2004	20	0	15	0	0	15	6028.91	998	15
Jan 2005	18	0	14	0	0	16	6028.72	996	16
Feb 2005	25	0	21	0	0	15	6029.32	1002	15
Mar 2005	71	1	64	1	5	15	6033.56	1045	15
Apr 2005	136	14	112	2	24	15	6040.30	1116	15
May 2005	220	31	178	3	31	47	6049.08	1215	47
Jun 2005	206	32	150	3	43	112	6048.36	1206	112
Jul 2005	67	9	73	4	48	20	6048.41	1207	20
Aug 2005	36	3	61	3	43	34	6046.80	1188	34
Sep 2005	32	1	53	2	19	20	6047.85	1201	20
WY 2005	890	92	793	20	226	347			347
Oct 2005	40	1	38	1	12	22	6048.17	1204	22
Nov 2005	32	0	24	1	1	16	6048.75	1211	16
Dec 2005	23	0	18	0	0	15	6048.94	1213	15
Jan 2006	21	0	17	0	0	16	6048.98	1214	16
Feb 2006	28	0	24	1	0	17	6049.52	1220	17
Mar 2006	80	1	72	1	5	20	6053.43	1266	20
Apr 2006	153	14	128	2	24	34	6058.97	1335	34
May 2006	248	31	203	3	31	85	6065.45	1419	85
Jun 2006	231	32	173	4	43	147	6063.92	1398	147

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Lake Powell

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Bank Storage 1000 Ac-Ft	EOM Storage 1000 Ac-Ft	Lees Ferry 1000 Ac-Ft
*	Jul 2003	342	440	45	900	0	900	3610.63	18962	12794	935
H	Aug 2003	144	299	50	902	0	902	3604.21	18947	12156	927
I	Sep 2003	445	482	47	473	0	473	3603.73	18956	12110	485
	WY 2003	6205	6120	368	8227	0	8227				8390
S	Oct 2003	292	364	27	490	0	490	3601.93	18978	11935	495
T	Nov 2003	337	348	23	475	0	475	3600.48	18968	11796	485
O	Dec 2003	289	305	20	602	0	602	3597.22	18960	11487	610
R	Jan 2004	288	305	13	789	0	789	3591.80	18966	10984	802
I	Feb 2004	244	253	14	743	0	743	3586.84	18910	10537	759
C	Mar 2004	539	417	11	805	0	805	3582.78	18867	10180	815
A	Apr 2004	816	609	18	648	0	648	3582.93	18797	10193	653
L	May 2004	1181	972	24	596	0	596	3587.17	18776	10566	601
*	Jun 2004	1096	835	35	802	0	802	3586.16	18832	10476	809
	Jul 2004	383	400	41	900	0	900	3580.42	18791	9976	0
	Aug 2004	325	417	40	900	0	900	3574.69	18753	9491	0
	Sep 2004	300	376	34	480	0	480	3573.14	18742	9363	0
	WY 2004	6090	5601	300	8230	0	8230				6029
	Oct 2004	384	412	31	492	0	492	3571.88	18734	9260	0
	Nov 2004	410	397	25	476	0	476	3570.69	18726	9163	0
	Dec 2004	352	357	21	492	0	492	3568.90	18715	9019	0
	Jan 2005	325	341	16	850	0	850	3562.74	18676	8533	0
	Feb 2005	337	340	14	650	0	650	3558.81	18652	8233	0
	Mar 2005	530	459	17	600	0	600	3556.85	18640	8086	0
	Apr 2005	789	623	20	600	0	600	3556.89	18641	8089	0
	May 2005	1843	1484	28	650	0	650	3566.61	18700	8836	0
	Jun 2005	2465	2078	34	800	0	800	3580.56	18792	9988	0
	Jul 2005	1246	1111	40	910	0	910	3582.28	18804	10136	0
	Aug 2005	490	577	41	910	0	910	3578.24	18777	9790	0
	Sep 2005	380	483	35	800	0	800	3574.36	18751	9464	0
	WY 2005	9551	8662	322	8230	0	8230				0
	Oct 2005	502	561	31	600	0	600	3573.57	18745	9399	0
	Nov 2005	496	531	26	600	0	600	3572.51	18738	9311	0
	Dec 2005	396	484	21	800	0	800	3568.66	18713	8999	0
	Jan 2006	365	462	16	800	0	800	3564.53	18687	8672	0
	Feb 2006	379	447	14	600	0	600	3562.53	18675	8517	0
	Mar 2006	597	574	18	600	0	600	3562.01	18672	8477	0
	Apr 2006	887	747	20	600	0	600	3563.52	18681	8593	0
	May 2006	2074	1677	29	600	0	600	3575.56	18759	9564	0
	Jun 2006	2773	2311	36	650	0	650	3592.71	18879	11068	0

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Hoover Dam - Lake Mead

	Glen Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	SNWP Use 1000 Ac-Ft	Dwnstrm Reqmnts 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
* Jul 2003	900	39	86	964	15.7	33	964	1014	1141.93	15598
H Aug 2003	902	118	91	744	12.1	31	743	1023	1143.27	15741
I Sep 2003	473	81	75	584	9.8	26	581	1015	1142.12	15618
WY 2003	8227	656	719	9462		268	9383			
S Oct 2003	490	21	54	539	8.8	26	537	1009	1141.17	15517
T Nov 2003	475	46	54	637	10.7	20	635	997	1139.48	15337
O Dec 2003	602	46	47	623	10.1	19	621	994	1139.12	15300
R Jan 2004	789	40	38	633	10.3	15	635	1003	1140.39	15434
I Feb 2004	743	77	35	806	14.0	10	790	1001	1140.11	15404
C Mar 2004	805	40	39	946	15.4	19	942	992	1138.70	15255
A Apr 2004	648	55	48	1049	17.6	21	1033	966	1134.98	14866
L May 2004	596	43	54	1124	18.3	37	1121	931	1129.70	14324
* Jun 2004	802	-11	65	995	16.7	29	994	913	1126.93	14042
Jul 2004	900	68	80	943	15.3	32	943	908	1126.11	13962
Aug 2004	900	83	85	758	12.3	32	758	914	1127.12	14063
Sep 2004	480	71	70	594	10.0	30	594	905	1125.78	13929
WY 2004	8230	579	669	9647		290	9602			
Oct 2004	492	62	51	332	5.4	30	332	914	1127.10	14061
Nov 2004	476	60	51	610	10.2	21	610	905	1125.73	13924
Dec 2004	492	77	44	605	9.8	16	605	899	1124.83	13834
Jan 2005	850	73	36	723	11.8	12	723	909	1126.27	13977
Feb 2005	650	98	33	718	12.9	11	718	908	1126.14	13964
Mar 2005	600	84	37	951	15.5	19	951	888	1123.08	13661
Apr 2005	600	58	45	1111	18.7	24	1111	856	1118.05	13171
May 2005	650	78	51	1035	16.8	30	1035	832	1114.25	12807
Jun 2005	800	39	61	887	14.9	30	887	824	1112.88	12677
Jul 2005	910	68	76	872	14.2	30	872	824	1112.89	12678
Aug 2005	910	83	81	801	13.0	30	801	829	1113.69	12754
Sep 2005	800	71	67	590	9.9	28	590	840	1115.53	12929
WY 2005	8230	851	633	9235		281	9233			
Oct 2005	600	62	49	435	7.1	28	435	850	1117.00	13070
Nov 2005	600	60	49	633	10.6	20	633	847	1116.59	13031
Dec 2005	800	77	42	627	10.2	15	626	859	1118.47	13212
Jan 2006	800	73	35	722	11.7	12	722	865	1119.49	13310
Feb 2006	600	98	32	687	12.4	11	687	863	1119.18	13280
Mar 2006	600	84	36	966	15.7	19	966	843	1115.90	12964
Apr 2006	600	58	44	1118	18.8	24	1118	810	1110.66	12468
May 2006	600	78	49	1037	16.9	30	1036	784	1106.24	12057
Jun 2006	650	39	58	893	15.0	30	893	766	1103.24	11783

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Davis Dam - Lake Mohave

		Hoover Release 1000 Ac-Ft	Side inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Spill Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
*	Jul 2003	964	-31	886	0	886	14.4	644.60	1743
H	Aug 2003	744	-23	723	0	723	11.8	644.48	1739
I	Sep 2003	584	-20	660	0	660	11.1	640.95	1643
	WY 2003	9462	-256	9135	0	9135			
S	Oct 2003	539	-7	706	0	706	11.5	634.31	1468
T	Nov 2003	637	-11	568	0	568	9.5	636.53	1526
O	Dec 2003	623	-18	540	0	540	8.8	638.98	1590
R	Jan 2004	633	-20	580	0	580	9.4	640.22	1623
I	Feb 2004	806	-17	695	0	695	12.1	643.62	1716
C	Mar 2004	946	-25	958	0	958	15.6	642.21	1677
A	Apr 2004	1049	-13	1033	0	1033	17.4	642.33	1680
L	May 2004	1124	-43	1032	0	1032	16.8	644.09	1729
*	Jun 2004	995	-22	1004	0	1004	16.9	642.95	1697
	Jul 2004	943	-29	919	0	919	14.9	642.80	1693
	Aug 2004	758	-35	758	0	758	12.3	641.50	1658
	Sep 2004	594	-31	656	0	656	11.0	638.00	1564
	WY 2004	9647	-271	9449	0	9449			
	Oct 2004	332	-30	496	0	496	8.1	630.49	1371
	Nov 2004	610	-28	493	0	493	8.3	634.00	1460
	Dec 2004	605	-28	454	0	454	7.4	638.71	1583
	Jan 2005	723	-32	608	0	608	9.9	641.80	1666
	Feb 2005	718	-26	659	0	659	11.9	643.01	1699
	Mar 2005	951	-29	922	0	922	15.0	643.01	1699
	Apr 2005	1111	-36	1075	0	1075	18.1	643.01	1699
	May 2005	1035	-33	1002	0	1002	16.3	643.01	1699
	Jun 2005	887	-28	886	0	886	14.9	642.00	1671
	Jul 2005	872	-29	856	0	856	13.9	641.50	1658
	Aug 2005	801	-35	766	0	766	12.5	641.50	1658
	Sep 2005	590	-31	652	0	652	11.0	638.00	1564
	WY 2005	9235	-365	8869	0	8869			
	Oct 2005	435	-30	598	0	598	9.7	630.49	1371
	Nov 2005	633	-28	516	0	516	8.7	634.00	1460
	Dec 2005	627	-28	475	0	475	7.7	638.71	1583
	Jan 2006	722	-32	607	0	607	9.9	641.80	1666
	Feb 2006	687	-26	661	0	661	11.9	641.80	1666
	Mar 2006	966	-29	915	0	915	14.9	642.60	1688
	Apr 2006	1118	-36	1071	0	1071	18.0	643.01	1699
	May 2006	1037	-33	1003	0	1003	16.3	643.01	1699
	Jun 2006	893	-28	892	0	892	15.0	642.00	1671

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Parker Dam - Lake Havasu

	Davis Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	MWD Diversion 1000 Ac-Ft	CAP diversion 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft	Flow_to Mexico 1000 Ac-Ft	Flow_to Mexico 1000 CFS
* Jul 2003	886	-13	742	12.1	51	76	448.81	596	122	2.0
H Aug 2003	723	-4	607	9.9	63	48	448.81	596	100	1.6
I Sep 2003	660	-9	572	9.6	57	54	447.05	562	93	1.6
WY 2003	9135	19	6840		764	1492			1571	
S Oct 2003	706	-9	509	8.3	60	125	447.20	565	73	1.2
T Nov 2003	568	6	336	5.7	67	175	446.96	560	100	1.7
O Dec 2003	540	9	347	5.6	75	171	444.52	516	121	2.0
R Jan 2004	580	-4	333	5.4	60	188	444.21	511	129	2.1
I Feb 2004	695	1	418	7.3	58	175	446.75	557	169	2.9
C Mar 2004	958	-12	724	11.8	57	186	445.64	536	202	3.3
A Apr 2004	1033	-7	751	12.6	71	181	446.84	558	212	3.6
L May 2004	1032	-17	734	11.9	68	188	448.14	583	112	1.8
* Jun 2004	1004	-31	739	12.4	69	165	448.10	582	109	1.8
Jul 2004	919	-9	742	12.1	48	105	448.80	595	119	1.9
Aug 2004	758	1	664	10.8	35	85	447.50	570	98	1.6
Sep 2004	656	8	557	9.4	28	92	446.81	557	89	1.5
WY 2004	9449	-64	6854		696	1836			1533	
Oct 2004	496	11	482	7.8	29	5	446.31	548	74	1.2
Nov 2004	493	17	375	6.3	28	113	445.99	543	99	1.7
Dec 2004	454	0	320	5.2	29	108	445.80	539	119	1.9
Jan 2005	608	-6	357	5.8	59	186	445.80	539	130	2.1
Feb 2005	659	10	467	8.4	33	168	445.80	539	155	2.8
Mar 2005	922	12	669	10.9	62	187	446.70	555	200	3.3
Apr 2005	1075	0	796	13.4	60	181	448.71	594	193	3.2
May 2005	1002	-2	740	12.0	62	180	449.60	611	109	1.8
Jun 2005	886	-7	733	12.3	30	116	449.60	611	111	1.9
Jul 2005	856	-9	763	12.4	31	83	448.00	580	121	2.0
Aug 2005	766	1	665	10.8	31	80	447.50	570	100	1.6
Sep 2005	652	8	559	9.4	30	84	446.81	557	90	1.5
WY 2005	8869	35	6926		484	1491			1501	
Oct 2005	598	11	484	7.9	31	103	446.29	548	72	1.2
Nov 2005	516	17	375	6.3	41	123	446.00	543	99	1.7
Dec 2005	475	0	320	5.2	42	117	445.80	539	119	1.9
Jan 2006	607	-6	356	5.8	59	186	445.80	539	130	2.1
Feb 2006	661	10	466	8.4	33	168	446.00	543	155	2.8
Mar 2006	915	12	667	10.8	62	186	446.70	555	200	3.3
Apr 2006	1071	0	793	13.3	60	180	448.71	594	193	3.2
May 2006	1003	-2	737	12.0	62	185	449.60	611	109	1.8
Jun 2006	892	-7	730	12.3	30	125	449.60	611	111	1.9

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Hoover Dam - Lake Mead

	Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Hoover Static Head Feet	Hoover Generator Capacity MW	Hoover Gross Energy MKWH	Percent Of Units Available	KWH/AF
* Jul 2003	964	15.7	1141.93	15598	-135	0.00	1840.0	413.6	100	428.8
H Aug 2003	744	12.1	1143.27	15741	144	0.00	1840.0	313.4	100	421.2
I Sep 2003	584	9.8	1142.12	15618	-124	0.00	1840.0	242.1	100	414.5
WY 2003	9463							4112.9		
S Oct 2003	539	8.8	1141.17	15517	-101	0.00	1490.0	225.4	81	418.5
T Nov 2003	637	10.7	1139.48	15337	-178	0.00	1233.0	272.5	67	427.7
O Dec 2003	623	10.1	1139.12	15300	-38	0.00	1141.0	266.0	62	426.8
R Jan 2004	633	10.3	1140.39	15434	134	0.00	1141.0	270.3	62	426.9
I Feb 2004	806	14.0	1140.11	15404	-29	0.00	1251.0	349.0	68	433.3
C Mar 2004	946	15.4	1138.70	15255	-149	0.00	1270.0	406.4	69	429.8
A Apr 2004	1049	17.6	1134.98	14866	-389	0.00	1270.0	450.9	69	429.8
L May 2004	1124	18.3	1129.70	14324	-542	0.00	1767.0	474.0	100	421.6
* Jun 2004	995	16.7	1126.93	14042	-280	0.00	1767.0	410.2	100	412.2
Jul 2004	943	15.3	1126.11	13962	-80	472.79	1731.0	398.6	100	422.5
Aug 2004	758	12.3	1127.12	14063	101	473.37	1731.0	318.3	100	420.1
Sep 2004	594	10.0	1125.78	13929	-134	474.77	1731.0	246.6	100	415.4
WY 2004	9646							4088.1		
Oct 2004	332	5.4	1127.10	14061	132	477.55	1627.1	129.6	94	390.1
Nov 2004	610	10.2	1125.73	13924	-137	482.09	1298.2	259.9	75	426.2
Dec 2004	605	9.8	1124.83	13834	-90	479.26	1194.4	255.7	69	423.0
Jan 2005	723	11.8	1126.27	13977	143	476.97	1194.4	308.3	69	426.5
Feb 2005	718	12.9	1126.14	13964	-13	476.21	1194.4	309.8	69	431.6
Mar 2005	951	15.5	1123.08	13661	-303	474.23	1194.4	411.8	69	432.9
Apr 2005	1111	18.7	1118.05	13171	-490	470.20	1194.4	484.5	69	436.1
May 2005	1035	16.8	1114.25	12807	-364	464.48	1402.1	433.8	81	419.3
Jun 2005	887	14.9	1112.88	12677	-130	460.15	1731.0	364.3	100	410.9
Jul 2005	872	14.2	1112.89	12678	1	459.97	1731.0	363.6	100	417.1
Aug 2005	801	13.0	1113.69	12754	76	460.54	1731.0	331.2	100	413.4
Sep 2005	590	9.9	1115.53	12929	175	462.99	1731.0	239.7	100	406.6
WY 2005	9233							3892.2		
Oct 2005	435	7.1	1117.00	13070	141	469.51	1298.2	177.2	75	407.4
Nov 2005	633	10.6	1116.59	13031	-39	472.50	1298.2	262.7	75	415.0
Dec 2005	627	10.2	1118.47	13212	181	471.53	1194.4	262.9	69	419.6
Jan 2006	722	11.7	1119.49	13310	98	470.43	1194.4	304.1	69	421.5
Feb 2006	687	12.4	1119.18	13280	-30	469.76	1194.4	291.2	69	424.1
Mar 2006	966	15.7	1115.90	12964	-316	467.71	1194.4	414.1	69	428.7
Apr 2006	1118	18.8	1110.66	12468	-496	459.67	1731.0	465.9	100	416.6
May 2006	1037	16.9	1106.24	12057	-411	454.74	1731.0	420.9	100	406.1
Jun 2006	893	15.0	1103.24	11783	-274	451.38	1731.0	360.8	100	404.2

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Davis Dam - Lake Mohave

	Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Davis Static Head Feet	Davis Generator Capacity MW	Davis Gross Energy MKWH	Percent Of Units Available	KWH/AF
* Jul 2003	886	14.4	644.60	1743	47	0.00	255.0	111.6	100	125.9
H Aug 2003	723	11.8	644.48	1739	-3	0.00	255.0	91.6	100	126.7
I Sep 2003	660	11.1	640.95	1643	-96	0.00	204.0	82.2	80	124.6
WY 2003	9134							1143.3		
S Oct 2003	706	11.5	634.31	1468	-175	0.00	204.0	84.7	80	120.0
T Nov 2003	568	9.5	636.53	1526	58	0.00	196.0	67.9	77	119.5
O Dec 2003	540	8.8	638.98	1590	65	0.00	173.0	65.3	68	120.9
R Jan 2004	580	9.4	640.22	1623	33	0.00	163.0	72.2	64	124.6
I Feb 2004	695	12.1	643.62	1716	92	0.00	189.0	86.8	74	124.8
C Mar 2004	958	15.6	642.21	1677	-38	0.00	209.0	121.6	82	126.9
A Apr 2004	1033	17.4	642.33	1680	3	0.00	255.0	129.2	100	125.1
L May 2004	1032	16.8	644.09	1729	48	0.00	255.0	129.7	100	125.7
* Jun 2004	1004	16.9	642.95	1697	-31	0.00	255.0	125.3	100	124.8
Jul 2004	919	14.9	642.80	1693	-4	135.91	255.0	115.0	100	125.2
Aug 2004	758	12.3	641.50	1658	-35	135.15	255.0	95.0	100	125.4
Sep 2004	656	11.0	638.00	1564	-94	132.62	255.0	81.2	100	123.7
WY 2004	9449							1173.8		
Oct 2004	496	8.1	630.49	1371	-193	128.32	204.0	59.4	80	119.9
Nov 2004	493	8.3	634.00	1460	89	126.46	196.3	58.1	77	118.0
Dec 2004	454	7.4	638.71	1583	123	131.54	173.4	55.3	68	122.0
Jan 2005	608	9.9	641.80	1666	83	135.97	163.2	75.7	64	124.6
Feb 2005	659	11.9	643.01	1699	33	137.30	188.7	82.8	74	125.8
Mar 2005	922	15.0	643.01	1699	0	137.29	209.1	115.5	82	125.3
Apr 2005	1075	18.1	643.01	1699	0	136.05	255.0	133.7	100	124.4
May 2005	1002	16.3	643.01	1699	0	136.05	255.0	125.1	100	124.9
Jun 2005	886	14.9	642.00	1671	-28	135.52	255.0	110.7	100	124.9
Jul 2005	856	13.9	641.50	1658	-14	134.73	255.0	106.6	100	124.5
Aug 2005	766	12.5	641.50	1658	0	134.46	255.0	95.6	100	124.8
Sep 2005	652	11.0	638.00	1564	-94	132.63	255.0	80.7	100	123.7
WY 2005	8868							1099.3		
Oct 2005	598	9.7	630.49	1371	-193	128.32	204.0	71.3	80	119.2
Nov 2005	516	8.7	634.00	1460	89	126.46	196.3	60.8	77	117.8
Dec 2005	475	7.7	638.71	1583	123	131.54	173.4	58.0	68	121.9
Jan 2006	607	9.9	641.80	1666	83	135.97	163.2	75.6	64	124.6
Feb 2006	661	11.9	641.80	1666	0	136.69	188.7	82.7	74	125.2
Mar 2006	915	14.9	642.60	1688	22	136.48	209.1	114.0	82	124.6
Apr 2006	1071	18.0	643.01	1699	11	135.84	255.0	133.0	100	124.2
May 2006	1003	16.3	643.01	1699	0	136.05	255.0	125.3	100	124.9
Jun 2006	892	15.0	642.00	1671	-28	135.52	255.0	111.4	100	124.8

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T E M R E S E R V O I R S

Bureau of Reclamation - CRFS 7/2004 Most Prob Water Supply 13-jul-2004 11:28:45

Parker Dam - Lake Havasu

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Parker Static Head Feet	Parker Generator Capacity MW	Parker Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Jul 2003	742	12.1	448.81	596	5	0.00	120.0	50.7	100	68.3
H	Aug 2003	607	9.9	448.81	596	-0	0.00	120.0	41.6	100	68.5
I	Sep 2003	572	9.6	447.05	562	-33	0.00	113.0	39.9	94	69.8
	WY 2003	6841							465.3		
S	Oct 2003	509	8.3	447.20	565	3	0.00	92.0	34.6	77	68.0
T	Nov 2003	336	5.7	446.96	560	-5	0.00	94.0	22.9	78	68.0
O	Dec 2003	347	5.6	444.52	516	-44	0.00	103.0	23.1	86	66.5
R	Jan 2004	333	5.4	444.21	511	-6	0.00	120.0	21.6	100	64.9
I	Feb 2004	418	7.3	446.75	557	46	0.00	120.0	28.0	100	66.9
C	Mar 2004	724	11.8	445.64	536	-20	0.00	120.0	48.7	100	67.3
A	Apr 2004	751	12.6	446.84	558	22	0.00	120.0	50.2	100	66.9
L	May 2004	734	11.9	448.14	583	24	0.00	120.0	50.3	100	68.5
*	Jun 2004	739	12.4	448.10	582	-1	0.00	120.0	49.5	100	67.0
	Jul 2004	742	12.1	448.80	595	14	75.81	120.0	49.3	100	66.4
	Aug 2004	664	10.8	447.50	570	-25	75.52	120.0	43.8	100	66.0
	Sep 2004	557	9.4	446.81	557	-13	74.55	120.0	36.2	100	64.9
	WY 2004	6855							458.2		
	Oct 2004	482	7.8	446.31	548	-9	75.37	90.0	31.5	75	65.4
	Nov 2004	375	6.3	445.99	543	-6	74.98	90.0	24.1	75	64.4
	Dec 2004	320	5.2	445.80	539	-4	74.73	90.0	20.4	75	63.5
	Jan 2005	357	5.8	445.80	539	0	74.64	90.0	22.8	75	63.9
	Feb 2005	467	8.4	445.80	539	0	74.64	90.0	30.4	75	65.0
	Mar 2005	669	10.9	446.70	555	16	75.08	90.0	44.1	75	66.0
	Apr 2005	796	13.4	448.71	594	38	75.09	120.0	52.5	100	66.0
	May 2005	740	12.0	449.60	611	18	76.49	120.0	49.5	100	66.9
	Jun 2005	733	12.3	449.60	611	0	76.93	120.0	49.3	100	67.3
	Jul 2005	763	12.4	448.00	580	-31	76.15	120.0	50.9	100	66.7
	Aug 2005	665	10.8	447.50	570	-10	75.13	120.0	43.7	100	65.7
	Sep 2005	559	9.4	446.81	557	-13	74.86	112.8	36.4	94	65.2
	WY 2005	6926							455.7		
	Oct 2005	484	7.9	446.29	548	-9	75.24	92.4	31.6	77	65.3
	Nov 2005	375	6.3	446.00	543	-5	74.79	93.6	24.1	78	64.2
	Dec 2005	320	5.2	445.80	539	-4	74.07	103.2	20.2	86	63.0
	Jan 2006	356	5.8	445.80	539	0	74.64	90.0	22.7	75	63.9
	Feb 2006	466	8.4	446.00	543	4	73.33	120.0	29.7	100	63.8
	Mar 2006	667	10.8	446.70	555	13	73.77	120.0	43.1	100	64.6
	Apr 2006	793	13.3	448.71	594	38	75.09	120.0	52.3	100	66.0
	May 2006	737	12.0	449.60	611	18	76.49	120.0	49.3	100	66.9
	Jun 2006	730	12.3	449.60	611	0	76.93	120.0	49.1	100	67.3

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T Y M R E S E R V O I R S

Bureau of Reclamation - CRFS 7/2004 Most Prob Water Supply Wed Jul 14 11:15:07 2004

Upper Basin Power

	Glen Canyon 1000 MWHR	Flam Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Res 1000 MWHR	Font Res 1000 MWHR
* Jul 2003	386	17	29	39	20	3
H Aug 2003	382	17	26	36	23	3
I Sep 2003	201	32	17	23	22	3
Summer 2003	969	66	72	97	65	10
S Oct 2003	206	17	13	18	8	2
T Nov 2003	198	17	4	6	0	3
O Dec 2003	251	22	4	5	1	3
R Jan 2004	325	17	4	6	0	3
I Feb 2004	304	16	5	5	0	3
C Mar 2004	312	18	3	6	0	3
Winter 2004	1596	106	32	46	8	17
A Apr 2004	263	17	8	14	4	7
L May 2004	239	37	9	16	0	4
* Jun 2004	324	20	16	22	0	5
Jul 2004	341	22	29	36	0	9
Aug 2004	337	20	26	32	0	6
Sep 2004	178	17	21	26	0	6
Summer 2004	1683	132	108	147	4	36
Oct 2004	182	17	12	15	9	5
Nov 2004	176	17	4	5	3	5
Dec 2004	181	17	4	5	3	5
Jan 2005	309	17	7	10	6	5
Feb 2005	234	16	8	11	6	4
Mar 2005	214	17	13	17	10	5
Winter 2005	1296	102	47	63	38	29
Apr 2005	214	17	16	23	15	5
May 2005	234	44	13	25	21	6
Jun 2005	297	71	13	22	21	8
Jul 2005	344	29	28	34	22	10
Aug 2005	343	29	32	37	22	9
Sep 2005	299	28	31	36	21	6
Summer 2005	1730	218	133	178	121	44
Oct 2005	223	29	23	28	16	6
Nov 2005	222	28	16	19	11	6
Dec 2005	295	29	22	28	15	6
Jan 2006	292	29	25	31	17	5
Feb 2006	217	26	21	27	15	4
Mar 2006	217	29	23	30	17	5
Winter 2006	1465	170	129	164	92	32
Apr 2006	217	28	20	30	19	5
May 2006	220	47	12	25	22	6
Jun 2006	247	72	11	20	21	9

BUREAU OF RECLAMATION - CRFS 7/2004 MOST PROB WATER SUPPLY JOB STARTED:Wed JUL 14 11:25:7 2004

model_run_id = 1413

F L O O D C O N T R O L C R I T E R I A
B E G I N N I N G O F M O N T H C O N D I T I O N S

MON	YEAR	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	LAKE POWELL KAF	UPPER BASIN TOTAL KAF	LAKE MEAD KAF	TOTAL KAF	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	TOT OR MAX ALLOW KAF	LAKE POWELL KAF	LAKE MEAD KAF	TOTAL KAF	BOM SPACE REQD KAF	MEAD SCHED REL KAF	MEAD FC REL KAF	SYS CONT MAF
			* * * * P R E D I C T E D S P A C E * * * *									* * * * E F F E C T I V E S P A C E * * * *							
JUL	2004	1182	195	668	13844	15888	13338	29226	69	-37	26	58	13844	13338	27240	1500	943	0	31.0
												* * * * C R E D I T A B L E S P A C E * * * *							
AUG	2004	1128	224	690	14344	16387	13418	29805	1128	224	690	2042	14344	13418	29805	1500	758	0	30.5
SEP	2004	1141	262	705	14829	16936	13317	30253	1141	262	705	2108	14829	13317	30253	2270	594	0	30.1
OCT	2004	1163	301	698	14957	17120	13451	30572	1163	301	698	2163	14957	13451	30572	3040	332	0	29.9
NOV	2004	1177	317	701	15060	17255	13319	30574	1177	317	701	2195	15060	13319	30574	3810	610	0	29.7
DEC	2004	1188	307	698	15157	17350	13456	30806	1188	307	698	2193	15157	13456	30806	4580	605	0	29.6
JAN	2005	1208	300	698	15301	17508	13546	31054	1208	300	698	2207	15301	13546	31054	5350	723	0	29.3
												* * * * E F F E C T I V E S P A C E * * * *							
JAN	2005	1208	300	698	15301	17508	13546	31054	522	300	372	1194	15301	13546	30041	5350	723	0	29.3
FEB	2005	1224	306	700	15787	18017	13403	31420	535	306	374	1215	15787	13403	30404	1500	718	0	29.0
MAR	2005	1231	316	694	16087	18328	13416	31744	539	316	367	1222	16087	13416	30725	1500	951	0	28.6
APR	2005	1201	332	651	16234	18417	13719	32136	502	332	319	1152	16234	13719	31105	1500	1111	0	28.3
MAY	2005	1132	328	580	16231	18271	14209	32480	424	328	222	974	16231	14209	31414	1500	1035	0	29.1
JUN	2005	1025	213	481	15484	17203	14573	31776	305	209	90	604	15484	14573	30662	1500	887	0	30.4
JUL	2005	861	45	490	14332	15728	14703	30431	127	19	52	198	14332	14703	29234	1500	872	0	30.6
												* * * * C R E D I T A B L E S P A C E * * * *							
AUG	2005	752	27	489	14184	15451	14702	30154	752	27	489	1268	14184	14702	30154	1500	801	0	30.3
SEP	2005	758	68	508	14530	15863	14626	30490	758	68	508	1333	14530	14626	30490	2270	590	0	29.9
OCT	2005	793	128	495	14856	16273	14451	30724	793	128	495	1417	14856	14451	30724	3040	435	0	29.7
NOV	2005	820	170	492	14921	16402	14310	30713	820	170	492	1481	14921	14310	30713	3810	633	0	29.6
DEC	2005	849	195	485	15009	16538	14349	30887	849	195	485	1529	15009	14349	30887	4580	626	0	29.5
JAN	2006	895	248	483	15321	16947	14168	31115	895	248	483	1626	15321	14168	31115	5350	722	0	29.3
												* * * * E F F E C T I V E S P A C E * * * *							
JAN	2006	895	248	483	15321	16947	14168	31115	499	247	357	1103	15321	14168	30592	5350	722	0	29.3
FEB	2006	937	312	482	15648	17379	14070	31449	538	310	356	1204	15648	14070	30922	1500	687	0	29.0
MAR	2006	967	364	476	15803	17610	14100	31710	566	361	349	1276	15803	14100	31179	1500	966	0	28.7
APR	2006	956	412	430	15843	17641	14416	32058	549	410	297	1256	15843	14416	31516	1500	1118	0	28.5
MAY	2006	901	411	361	15727	17400	14912	32312	485	411	203	1099	15727	14912	31738	1500	1036	0	29.4
JUN	2006	771	266	277	14756	16070	15323	31394	342	262	85	689	14756	15323	30769	1500	893	0	31.1

Date: September 7, 2004

From: Water Resource Group, Salt Lake City

To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Status

	August inflow(unreg) (Acre-Feet)	Percent of normal	Midnight September 6 Elevation	Reservoir Storage (Acre-Feet)
Fontenelle	56,000	61	6500.66	304,000
Flaming Gorge	60,000	56	6011.35	2,685,000
Blue Mesa	28,000	44	7485.75	549,000
Powell	176,000	29	3571.48	9,227,000
Navajo	0	0	6021.42	925,000

Expected Operation

FONTENELLE – Inflows during August were approximately 55,700 acre-feet (61% of normal). The reservoir elevation has decreased about 3 feet during the month of August and releases have been decreased to 950 cfs. The reservoir elevation will continue to decline through the fall and winter months to near the minimum power pool elevation of 6463 feet above sea level. Releases will likely remain steady and the current rate until March or April of 2005.

Open forum discussions on Fontenelle operations take place at the "Fontenelle Reservoir Working Group" meetings. The Working Group is a forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir. The public is encouraged to attend and express their concerns and interests with regard to Fontenelle Reservoir operation. The next Working Group meeting will be scheduled for April of 2005 and will likely be held in Green River, WY. At this time the exact time and place have not been scheduled. For more information about the Working Group, contact Ed Vidmar at 801-379-1182.

FLAMING GORGE – During the month of August unregulated inflows to Flaming Gorge Reservoir were approximately 60,100 acre-feet (56% of normal). Forecasted inflows for September through November are for 115,000 acre-feet of unregulated inflow (61% of normal). Releases are currently averaging 1000 cfs each day. Fluctuations are occurring each day with peaks of approximately 1450 cfs during the afternoons and approximately 850 cfs being released during the morning and evening hours. These fluctuations are within the recommended constraints of the 1992 Biological Opinion on the Operation of Flaming Gorge Dam. Projected releases will likely be reduced to 800 cfs near the end of September. The reservoir elevation is currently about 6011.3 feet above sea level and is projected to rise over the fall and winter months.

The next "Flaming Gorge Working Group" meeting is to be held on April 21st, 2005 in Vernal, Utah at 10:00 a.m.. The location will be at the Western Park Convention Center. The Working Group is a

forum for information exchange between Reclamation and all other parties associated with the operation of Flaming Gorge Reservoir. The public is encouraged to attend and express their concerns and interests with regard to the operation of Flaming Gorge Reservoir. For more information about the Working Group please contact Ed Vidmar at 801-379-1182.

ASPINALL – August unregulated inflow into Blue Mesa Reservoir was 28,000 acre-feet or 43 percent of average. Hydrologic conditions remain dry with drought still the controlling factor for water management throughout the region. August recorded precipitation was 50 percent of average. The current inflow rate into Blue Mesa Reservoir is about 450 cfs and reservoir releases are averaging about 1600 cfs. Blue Mesa's present elevation is 7486.85 feet, which corresponds to a storage content of about 557,000 acre-feet.

Currently, releases from Crystal are set at 1,550 cfs. The Gunnison Diversion Tunnel is taking about 1,000 cfs while the river flows below the tunnel are about 550 cfs. Due to the severity of the continuing drought in the Gunnison River Basin, river flows through the Black Canyon of the Gunnison are set to meet downstream water flow rights. It is anticipated that canyon flows will decrease as downstream demands slow down, which has already started and will continue until the first of October when the irrigation season ends. Some fluctuation to river flows may occur as we respond to these downstream water needs.

The last meeting of the "Aspinall Unit Working Group" was held on Thursday, August 26, 2004 at 1:00 PM at the National Park Service Elk Creek Visitor Center at Blue Mesa Reservoir. At this meeting, review of last spring and summer reservoir operations, and plans for this autumn 2004 operations was discussed. These meetings are open forum discussions on the Aspinall Unit reservoir operations with many interested groups participating. Anyone needing further information about these meetings should contact Dan Crabtree in the Grand Junction Area Office at (970) 248-0652.

NAVAJO – Due to recent rainstorm activity and the associated increase in stream flows, the Bureau of Reclamation decreased the release from Navajo Reservoir from 800 cubic feet per second (cfs) to 600 cfs on September 8, 2004, at 9:00 a.m. All reservoir releases are made for the authorized purposes of the Navajo Unit, and to attempt to maintain a target base flow through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell).

As per the recommendations from the San Juan River Basin Recovery Implementation Program for 2004, and with the current forecast, the target base flow for endangered fish is 400 cfs. The target base flow is calculated as the weekly average of gaged flows throughout the critical habitat area, therefore daily flows of less than 400 cfs may occur at some gages.

Reclamation will continue to closely monitor the hydrologic conditions in the basin. As such, this scheduled release change is subject to changes in river flows and weather conditions.

The current daily reservoir inflow is averaging about 350 cfs and reservoir releases are set at 800 cfs. Presently, the reservoir water surface elevation is 6021.63 feet, which corresponds to a storage content of about 927,000 acre-feet. The monthly precipitation average in the basin above Bluff was 45 percent of average during August.

A public meeting on Navajo Reservoir operations was held on Tuesday, August 17, 2004 at 1:00 PM in Farmington, New Mexico. At this meeting, review of last spring and summer reservoir operations,

and plans for this fall and winter 2004 operations were discussed. These are open forum discussions on the operation of Navajo Reservoir with many interested groups participating. Anyone interested in the general operation of the reservoir is encouraged to attend. Please contact Pat Page in Reclamation's Durango, Colorado Office at (970) 385-6560 for information about these meetings or the daily operation of Navajo Reservoir.

Glen Canyon Dam - Lake Powell

Operations

Releases will be lower in September 2004 than in July and August. A volume of 480,000 acre-feet is scheduled to be released from Lake Powell in September, which is an average of 8,070 cubic feet per second (cfs). Releases had been averaging about 14,600 cfs in July and August. On Mondays through Fridays and on Sundays in September, daily fluctuations due to load following will likely vary between a low of about 5,000 cfs (during late evening and early morning off-peak hours) to a high of about 10,000 cfs (during late afternoon and early evening on-peak hours). On Saturdays, releases will likely vary between a low of about 5,000 cfs during off-peak hours to a high of about 9,750 cfs during on-peak hours. The release pattern in October will likely be similar to September. A volume of 492,000 acre-feet is scheduled to be released in October, which is an average of 8,000 cfs.

Because of the draw down condition of Lake Powell, releases from Lake Powell in water year 2004 are being scheduled to meet the minimum release objective of 8.23 million acre-feet. This is consistent with the requirements of the Criteria for Coordinated Long-Range Operation of Colorado River Reservoirs.

Upper Colorado River Basin Hydrology

The Colorado River Basin is completing its 5th year of drought. In July 1999, Lake Powell was essentially full, with reservoir storage at 97 percent of capacity. Since that time, inflow volumes have been below average for 5 consecutive years. The last month when inflow to Lake Powell was above average was September 1999. Unregulated inflow in water years 2000, 2001, 2002, and 2003 was 62, 59, 25, and 51 percent of average, respectively. Total unregulated inflow for water year 2004 is likely to be 51 percent of average, almost the same volume as 2003. Inflow in water year 2002 was the lowest ever observed since the completion of Glen Canyon Dam in 1963.

The summer season in the Colorado River Basin has featured cooler than average temperatures with precipitation at near average levels. With the exception of the Green River Basin above Flaming Gorge, river flows around the basin have been much below average this summer. Unregulated inflow to Lake Powell in July was only 35 percent of average and inflow in August will likely end up being only 29 percent of average. Peak inflow to Lake Powell this year occurred on May 14 (about three weeks earlier than normal) when inflow was 21,400 cfs. As of August 30, 2004 observed inflow to Lake Powell was 4,400 cfs about 45 percent of what is normally seen as August comes to a close.

Low inflows the past 5 years have reduced water storage in Lake Powell. The current elevation (as of August 30, 2004) of Lake Powell is 3,572 feet (128 feet from full pool). Current storage is 9.3 million acre-feet (38 percent of live capacity).

The water surface elevation at Lake Powell reached a seasonal low of 3,582.7 feet on April 2, 2004 and then increased to a seasonal high on June 14, 2004, reaching an elevation of 3,587.4 feet. The water surface has since been declining, and will likely continue to decline for the remainder of the

year. Under the current inflow forecast, the water surface elevation of Lake Powell is projected to be about 3,565 feet on January 1, 2005. It should be noted that this projected elevation will likely shift, depending upon weather patterns the remainder of the year.

forecast

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-280
125 SOUTH STATE STREET, ROOM 6107
SALT LAKE CITY, UT 84138-1102
PHONE 801-524-5571

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RUNOFF PROJECTIONS AND INFLOW INFORMATION INTO UPPER BASIN RESERVOIR PROVIDED BY THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICE'S COLORADO BASIN RIVER FORECAST CENTER ARE AS FOLLOWS

:	Obs					Forecast		Outlook		
:	nov	dec	jan	feb	%Avg	mar	apr	may	apr-jul	%Avg
GLDA3:Lake Powell	352	296	303	245	58%:	450/	750/	1850/	6500/:	82%
GBRW4:Fontenelle	27	28	25	23	79%:	42/	75/	140/	625/:	73%
GRNU1:Flaming Gorge	28	27	28	33	66%:	70/	120/	190/	825/:	69%
BMDC2:Blue Mesa	24	22	21	20	88%:	32/	70/	190/	620/:	86%
MPSC2:Morrow Point	25	24	23	22	85%:	36/	80/	212/	675/:	86%
CLSC2:Crystal	29	27	27	26	87%:	42/	95/	245/	770/:	84%
VCRC2:Vallecito	6.1	4.9	4.8	3.9	83%:	5.4/	22/	80/	215/:	105%
NVRN5:Navajo	24	19.6	17.3	23	77%:	80/	210/	335/	880/:	110%
MPHC2:McPhee	3.6	3.5	3.6	3.7	77%:	13/	65/	130/	305/:	95%
TPIC2:Taylor Park	4.4	3.8	3.9	3.7	95%:	4.3/	8/	25/	90/:	87%
RBSC2:Ridgway					:	/	/	/	102/:	100%
LEMC2:Lemon	1.0	0.9	.73	0.6	79%:	1/	4.5/	22/	60/:	103%

: ** UNREGULATED CRYSTAL INFLOW COMBINES BLUE MESA UNREGULATED
: INFLOW PLUS THE SIDE INFLOW TO BOTH MORROW POINT AND CRYSTAL

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T E M R E S E R V O I R S

Bureau of Reclamation - CRFS 9/2004 Most Prob Water Supply 02-sep-2004 10:58:39

Fontenelle Reservoir

		Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Sep 2003	31	2	46	0	46	6494.31	258
	WY 2003	653	16	597	32	629		
H	Oct 2003	27	1	29	17	46	6491.32	237
I	Nov 2003	27	1	41	5	46	6488.45	218
S	Dec 2003	28	1	46	0	46	6485.47	199
T	Jan 2004	25	1	47	0	47	6481.72	176
O	Feb 2004	23	1	43	0	43	6477.84	156
R	Mar 2004	58	1	46	0	46	6479.97	167
I	Apr 2004	66	1	44	0	44	6483.56	187
C	May 2004	67	2	59	0	59	6484.57	193
A	Jun 2004	182	2	60	0	60	6501.79	313
L	Jul 2004	168	3	89	54	143	6504.73	336
*	Aug 2004	56	2	76	7	83	6500.95	306
	Sep 2004	38	2	57	0	57	6498.18	285
	WY 2004	765	18	637	83	720		
	Oct 2004	35	1	58	0	58	6494.83	261
	Nov 2004	30	1	57	0	57	6490.83	233
	Dec 2004	24	1	58	0	58	6485.47	199
	Jan 2005	23	1	58	0	58	6479.35	163
	Feb 2005	23	0	53	0	53	6473.11	133
	Mar 2005	41	0	63	0	63	6467.88	110
	Apr 2005	73	1	71	0	71	6468.23	112
	May 2005	153	1	92	0	92	6480.85	172
	Jun 2005	278	2	102	61	163	6498.05	284
	Jul 2005	166	3	103	25	128	6502.72	320
	Aug 2005	72	2	71	0	71	6502.56	318
	Sep 2005	44	2	67	0	67	6499.31	294
	WY 2005	962	15	853	86	939		
	Oct 2005	47	1	69	0	69	6496.14	271
	Nov 2005	39	1	67	0	67	6492.05	242
	Dec 2005	30	1	69	0	69	6486.00	202
	Jan 2006	28	1	69	0	69	6478.83	161
	Feb 2006	26	0	62	0	62	6471.16	124
	Mar 2006	47	0	74	0	74	6464.38	97
	Apr 2006	84	1	79	0	79	6465.56	101
	May 2006	176	1	96	34	130	6475.93	146
	Jun 2006	320	2	101	77	178	6498.27	286
	Jul 2006	192	3	102	43	145	6504.07	330
	Aug 2006	83	2	70	0	70	6505.42	341

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Flaming Gorge Reservoir

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Yampa Flow 1000 Ac-Ft	Jensen Flow 1000 Ac-Ft
*	Sep 2003	26	40	9	50	0	50	68	6009.81	2635	0	65
	WY 2003	764	737	68	709	0	709					2047
H	Oct 2003	24	44	6	52	0	52	68	6009.38	2621	0	67
I	Nov 2003	28	47	3	51	0	51	67	6009.17	2614	0	79
S	Dec 2003	27	46	2	53	0	53	67	6008.91	2606	0	80
T	Jan 2004	27	48	2	53	0	53	67	6008.73	2600	0	272
O	Feb 2004	33	53	2	50	0	50	67	6008.77	2602	0	301
R	Mar 2004	98	89	3	54	0	54	68	6009.71	2632	0	246
I	Apr 2004	84	62	4	51	0	51	68	6009.90	2638	0	233
C	May 2004	76	69	7	107	0	107	67	6008.57	2595	0	391
A	Jun 2004	188	74	9	61	0	61	67	6008.69	2599	0	232
L	Jul 2004	182	147	11	61	0	61	70	6010.91	2671	0	119
*	Aug 2004	60	88	11	62	0	62	70	6011.37	2686	0	73
	Sep 2004	40	59	8	60	0	60	70	6011.12	2677	0	60
	WY 2004	867	826	68	715	0	715					2153
	Oct 2004	40	63	4	49	0	49	70	6011.40	2687	0	49
	Nov 2004	35	62	2	48	0	48	71	6011.76	2699	0	48
	Dec 2004	27	61	2	49	0	49	71	6012.06	2709	0	49
	Jan 2005	33	68	2	49	0	49	72	6012.58	2726	0	49
	Feb 2005	39	69	2	44	0	44	72	6013.25	2748	0	44
	Mar 2005	84	106	4	49	0	49	74	6014.79	2800	0	49
	Apr 2005	122	120	6	48	0	48	76	6016.65	2863	0	48
	May 2005	236	175	9	123	0	123	78	6017.85	2904	0	123
	Jun 2005	367	252	12	176	0	176	80	6019.63	2967	0	176
	Jul 2005	202	164	13	68	0	68	82	6021.90	3047	0	68
	Aug 2005	84	83	10	68	0	68	82	6022.05	3053	0	68
	Sep 2005	55	78	8	65	0	65	83	6022.17	3057	0	65
	WY 2005	1324	1301	74	836	0	836					836
	Oct 2005	59	81	5	68	0	68	83	6022.39	3065	0	68
	Nov 2005	50	78	2	65	0	65	83	6022.68	3076	0	65
	Dec 2005	36	75	2	68	0	68	83	6022.83	3081	0	68
	Jan 2006	41	82	2	68	0	68	84	6023.16	3093	0	68
	Feb 2006	45	81	2	61	0	61	84	6023.63	3110	0	61
	Mar 2006	97	124	4	108	0	108	85	6023.95	3122	0	108
	Apr 2006	141	136	7	107	0	107	85	6024.53	3143	0	107
	May 2006	273	227	10	162	0	162	87	6025.97	3196	0	162
	Jun 2006	423	281	13	202	0	202	89	6027.68	3261	0	202
	Jul 2006	233	186	14	61	0	61	93	6030.50	3368	0	61
	Aug 2006	97	84	10	61	0	61	93	6030.82	3381	0	61

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Taylor Park Reservoir

		Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Sep 2003	8	7	9309.00	68
	WY 2003	109	81		
H	Oct 2003	5	4	9309.72	69
I	Nov 2003	4	3	9310.47	71
S	Dec 2003	4	3	9310.82	71
T	Jan 2004	4	3	9311.17	72
O	Feb 2004	4	3	9311.44	72
R	Mar 2004	5	4	9312.62	74
I	Apr 2004	8	4	9314.81	78
C	May 2004	23	10	9322.01	91
A	Jun 2004	23	16	9325.53	97
L	Jul 2004	11	19	9321.35	89
*	Aug 2004	6	18	9314.10	77
	Sep 2004	5	15	9307.65	66
	WY 2004	102	102		
	Oct 2004	5	6	9306.67	65
	Nov 2004	4	3	9307.13	65
	Dec 2004	4	3	9307.52	66
	Jan 2005	3	3	9307.78	66
	Feb 2005	3	3	9307.78	66
	Mar 2005	3	4	9307.39	66
	Apr 2005	7	6	9307.71	66
	May 2005	21	10	9314.70	78
	Jun 2005	36	16	9325.42	97
	Jul 2005	17	18	9325.06	96
	Aug 2005	8	18	9319.77	87
	Sep 2005	6	16	9314.05	77
	WY 2005	117	106		
	Oct 2005	6	8	9312.80	74
	Nov 2005	5	3	9313.76	76
	Dec 2005	4	3	9314.41	77
	Jan 2006	4	3	9314.94	78
	Feb 2006	3	3	9315.18	78
	Mar 2006	4	5	9314.53	77
	Apr 2006	8	14	9310.65	71
	May 2006	25	18	9314.65	78
	Jun 2006	41	18	9327.16	101
	Jul 2006	20	21	9326.66	100
	Aug 2006	9	20	9321.03	89

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Blue Mesa Reservoir

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Sep 2003	45	45	1	62	0	62	7462.45	387
	WY 2003	631	606	5	489	0	489		
H	Oct 2003	26	25	0	47	0	47	7458.78	364
I	Nov 2003	23	22	0	16	0	16	7459.81	370
S	Dec 2003	22	21	0	15	0	15	7460.86	377
T	Jan 2004	21	20	0	14	0	14	7461.91	383
O	Feb 2004	19	19	0	12	0	12	7463.03	390
R	Mar 2004	46	44	0	13	0	13	7467.75	421
I	Apr 2004	68	64	1	31	0	31	7472.65	454
C	May 2004	154	141	1	32	0	32	7487.46	562
A	Jun 2004	134	128	1	54	0	54	7496.75	635
L	Jul 2004	65	72	1	93	0	93	7494.00	613
*	Aug 2004	28	41	1	93	0	93	7487.18	560
	Sep 2004	20	30	1	74	0	74	7481.24	515
	WY 2004	626	627	6	494	0	494		
	Oct 2004	25	27	0	45	0	45	7478.71	497
	Nov 2004	25	24	0	15	0	15	7479.96	506
	Dec 2004	20	19	0	16	0	16	7480.47	509
	Jan 2005	20	20	0	17	0	17	7480.87	512
	Feb 2005	18	18	0	18	0	18	7480.91	513
	Mar 2005	27	28	0	26	0	26	7481.08	514
	Apr 2005	59	58	1	51	0	51	7482.07	521
	May 2005	170	159	1	51	0	51	7495.88	628
	Jun 2005	228	209	1	45	0	45	7515.00	790
	Jul 2005	105	106	2	91	0	91	7516.46	803
	Aug 2005	51	61	1	103	0	103	7511.59	760
	Sep 2005	31	41	1	100	0	100	7504.61	700
	WY 2005	779	770	7	578	0	578		
	Oct 2005	33	35	1	76	0	76	7499.63	658
	Nov 2005	29	27	0	50	0	50	7496.82	635
	Dec 2005	23	22	0	76	0	76	7489.98	581
	Jan 2006	23	22	0	80	0	80	7482.33	523
	Feb 2006	21	21	0	72	0	72	7475.18	471
	Mar 2006	32	33	0	76	0	76	7468.87	428
	Apr 2006	68	74	1	82	0	82	7467.63	420
	May 2006	196	189	1	43	0	43	7487.94	565
	Jun 2006	263	240	1	35	0	35	7512.65	769
	Jul 2006	121	122	2	87	0	87	7516.40	802
	Aug 2006	59	70	1	101	0	101	7512.76	770

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Morrow Point Reservoir

		Unreg Inflow 1000 Ac-Ft	Blue_Mesa Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Evap losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Sep 2003	47	62	2	64	0	64	0	64	7153.42	112
	WY 2003	678	489	48	536	0	380	149	529		
H	Oct 2003	28	47	2	49	0	52	0	52	7149.88	109
I	Nov 2003	25	16	2	18	0	16	0	16	7151.87	111
S	Dec 2003	24	15	2	16	0	15	0	15	7153.36	112
T	Jan 2004	23	14	2	15	0	17	0	17	7151.70	110
O	Feb 2004	22	12	2	14	0	15	0	15	7150.31	109
R	Mar 2004	51	13	5	18	0	17	0	17	7151.24	110
I	Apr 2004	78	31	10	40	0	40	0	40	7151.23	110
C	May 2004	171	32	18	50	0	47	0	47	7154.18	112
A	Jun 2004	143	54	8	62	0	62	0	62	7154.59	113
L	Jul 2004	66	93	1	94	0	95	0	95	7152.76	111
*	Aug 2004	29	93	1	94	0	93	0	93	7153.42	112
	Sep 2004	21	74	1	75	0	75	0	75	7153.73	112
	WY 2004	681	494	54	545	0	544	0	544		
	Oct 2004	26	45	1	46	0	46	0	46	7153.73	112
	Nov 2004	27	15	2	17	0	17	0	17	7153.73	112
	Dec 2004	22	16	2	18	0	18	0	18	7153.73	112
	Jan 2005	21	17	1	18	0	18	0	18	7153.73	112
	Feb 2005	20	18	2	19	0	20	0	20	7153.73	112
	Mar 2005	30	26	3	29	0	29	0	29	7153.73	112
	Apr 2005	66	51	7	57	0	58	0	58	7153.73	112
	May 2005	193	51	23	74	0	74	0	74	7153.73	112
	Jun 2005	246	45	18	63	0	63	0	63	7153.73	112
	Jul 2005	110	91	5	96	0	96	0	96	7153.73	112
	Aug 2005	53	103	2	105	0	105	0	105	7153.73	112
	Sep 2005	33	100	2	102	0	102	0	102	7153.73	112
	WY 2005	847	578	68	644	0	646	0	646		
	Oct 2005	35	76	2	78	0	78	0	78	7153.73	112
	Nov 2005	31	50	2	52	0	52	0	52	7153.73	112
	Dec 2005	25	76	2	78	0	78	0	78	7153.73	112
	Jan 2006	24	80	1	81	0	81	0	81	7153.73	112
	Feb 2006	23	72	2	74	0	74	0	74	7153.73	112
	Mar 2006	35	76	3	79	0	79	0	79	7153.73	112
	Apr 2006	77	82	9	91	0	91	0	91	7153.73	112
	May 2006	222	43	26	69	0	69	0	69	7153.73	112
	Jun 2006	284	35	21	56	0	56	0	56	7153.73	112
	Jul 2006	127	87	6	93	0	93	0	93	7153.73	112
	Aug 2006	61	101	2	103	0	103	0	103	7153.73	112

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Crystal Reservoir

	unreg Inflow 1000 Ac-Ft	Morrow Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Tunnel Flow 1000 Ac-Ft	Below_tunnel Flow 1000 Ac-Ft
* Sep 2003	52	64	5	68	70	0	70	6744.61	15	46	27
WY 2003	755	529	76	605	522	85	607			351	269
H Oct 2003	32	52	4	56	27	28	55	6746.98	15	34	23
I Nov 2003	29	16	4	20	0	20	20	6747.86	16	0	20
S Dec 2003	27	15	4	19	0	20	20	6744.53	15	1	19
T Jan 2004	27	17	4	21	0	20	20	6748.12	16	0	20
O Feb 2004	25	15	3	18	0	18	18	6748.18	16	1	19
R Mar 2004	58	17	7	25	0	24	24	6749.98	16	5	19
I Apr 2004	88	40	10	50	0	50	50	6751.44	17	33	19
C May 2004	194	47	23	70	0	70	70	6751.47	17	50	22
A Jun 2004	156	62	13	75	0	75	75	6752.33	17	55	22
L Jul 2004	68	95	2	97	0	99	99	6746.23	15	64	40
* Aug 2004	30	93	1	95	0	95	95	6744.94	15	65	35
Sep 2004	25	75	4	79	0	78	78	6746.05	15	55	23
WY 2004	759	544	79	625	27	597	624			363	281
Oct 2004	32	46	6	52	52	0	52	6746.05	15	30	22
Nov 2004	31	17	4	21	21	0	21	6746.05	15	0	21
Dec 2004	26	18	4	22	22	0	22	6746.05	15	0	22
Jan 2005	25	18	4	22	22	0	22	6746.05	15	0	22
Feb 2005	23	20	3	22	23	0	23	6746.05	15	0	22
Mar 2005	37	29	7	36	36	0	36	6746.05	15	5	31
Apr 2005	81	58	15	72	73	0	73	6746.05	15	30	42
May 2005	233	74	40	114	114	0	114	6746.05	15	55	59
Jun 2005	295	63	49	112	112	0	112	6746.05	15	60	52
Jul 2005	130	96	20	116	116	0	116	6746.05	15	65	51
Aug 2005	64	105	11	116	116	0	116	6746.05	15	65	51
Sep 2005	41	102	8	110	110	0	110	6746.05	15	55	55
WY 2005	1018	646	171	815	817	0	817			365	450
Oct 2005	42	78	7	85	85	0	85	6746.05	15	30	55
Nov 2005	36	52	5	57	57	0	57	6746.05	15	0	57
Dec 2005	30	78	5	83	83	0	83	6746.05	15	0	83
Jan 2006	29	81	5	86	86	0	86	6746.05	15	0	86
Feb 2006	27	74	4	78	78	0	78	6746.05	15	0	78
Mar 2006	42	79	7	86	86	0	86	6746.05	15	5	81
Apr 2006	94	91	17	108	108	0	108	6746.05	15	30	78
May 2006	269	69	47	116	116	0	116	6746.05	15	55	61
Jun 2006	340	56	56	112	112	0	112	6746.05	15	60	52
Jul 2006	150	93	23	116	116	0	116	6746.05	15	65	51
Aug 2006	74	103	13	116	116	0	116	6746.05	15	65	51

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Vallecito Reservoir

		Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Sep 2003	17	6	7624.58	36
	WY 2003	163	142		
H	Oct 2003	6	4	7625.86	38
I	Nov 2003	6	0	7629.25	43
S	Dec 2003	5	0	7631.78	48
T	Jan 2004	5	0	7634.30	53
O	Feb 2004	4	0	7636.34	57
R	Mar 2004	16	0	7643.57	72
I	Apr 2004	25	7	7651.11	90
C	May 2004	73	44	7662.38	118
A	Jun 2004	51	49	7663.00	120
L	Jul 2004	20	42	7654.40	98
*	Aug 2004	9	38	7642.16	69
	Sep 2004	8	35	7628.53	42
	WY 2004	228	219		
	Oct 2004	9	13	7626.13	38
	Nov 2004	6	0	7629.47	44
	Dec 2004	4	0	7631.62	48
	Jan 2005	4	0	7633.41	51
	Feb 2005	4	0	7635.25	55
	Mar 2005	6	0	7638.15	61
	Apr 2005	16	7	7642.68	70
	May 2005	52	43	7646.79	80
	Jun 2005	64	42	7656.04	102
	Jul 2005	27	43	7649.67	86
	Aug 2005	15	43	7636.97	58
	Sep 2005	13	35	7625.00	37
	WY 2005	220	226		
	Oct 2005	13	12	7625.38	37
	Nov 2005	8	0	7629.99	45
	Dec 2005	5	0	7632.76	50
	Jan 2006	5	0	7634.92	54
	Feb 2006	5	0	7637.00	58
	Mar 2006	7	0	7640.29	65
	Apr 2006	19	8	7645.22	76
	May 2006	60	46	7651.29	90
	Jun 2006	74	48	7661.44	116
	Jul 2006	32	48	7655.05	100
	Aug 2006	17	43	7644.21	74

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Navajo Reservoir

		Mod_Unreg Inflow 1000 Ac-Ft	Azetea Tunnel_Div 1000 Ac-Ft	Reg Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	NIIP Diversion 1000 ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Farm Flow 1000 Ac-Ft
*	Sep 2003	49	3	35	2	15	24	5999.45	734	67
	WY 2003	481	61	400	17	183	338			603
H	Oct 2003	14	0	12	1	7	27	5996.50	711	49
I	Nov 2003	24	0	18	1	0	16	5996.73	713	51
S	Dec 2003	18	0	13	0	0	16	5996.36	710	78
T	Jan 2004	17	0	13	0	0	16	5995.94	707	60
O	Feb 2004	24	0	20	1	1	15	5996.45	711	33
R	Mar 2004	120	12	94	1	4	16	6005.51	784	58
I	Apr 2004	152	15	119	2	11	21	6015.33	869	98
C	May 2004	225	30	168	3	28	22	6027.58	984	155
A	Jun 2004	133	20	109	3	40	22	6031.96	1028	115
L	Jul 2004	22	2	40	3	39	33	6028.39	992	48
*	Aug 2004	-2	0	26	3	39	45	6022.11	932	41
	Sep 2004	11	1	37	2	23	24	6020.89	920	24
	WY 2004	758	80	669	20	192	273			810
	Oct 2004	16	1	19	1	15	22	6018.76	900	22
	Nov 2004	20	0	14	0	1	16	6018.35	897	16
	Dec 2004	16	0	12	0	0	15	6017.93	893	15
	Jan 2005	16	0	13	0	0	15	6017.60	890	15
	Feb 2005	24	0	20	0	0	14	6018.27	896	14
	Mar 2005	69	1	62	1	5	17	6022.58	936	17
	Apr 2005	133	14	109	2	24	21	6029.04	999	21
	May 2005	215	31	175	2	30	51	6037.82	1089	51
	Jun 2005	200	32	146	3	43	115	6036.35	1074	115
	Jul 2005	66	9	72	3	48	37	6034.82	1058	37
	Aug 2005	35	3	61	2	43	50	6031.48	1024	50
	Sep 2005	34	1	55	2	19	29	6031.92	1028	29
	WY 2005	844	92	758	16	228	402			402
	Oct 2005	40	1	38	1	12	22	6032.30	1032	22
	Nov 2005	32	0	24	1	1	16	6032.96	1039	16
	Dec 2005	23	0	18	0	0	15	6033.19	1041	15
	Jan 2006	21	0	17	0	0	16	6033.23	1041	16
	Feb 2006	28	0	24	0	0	17	6033.85	1048	17
	Mar 2006	80	1	72	1	5	20	6038.29	1094	20
	Apr 2006	153	14	128	2	24	34	6044.56	1163	34
	May 2006	248	31	203	3	31	85	6051.84	1247	85
	Jun 2006	231	32	173	3	43	147	6050.16	1227	147
	Jul 2006	76	9	83	4	48	31	6050.19	1228	31
	Aug 2006	41	3	64	3	43	31	6049.13	1215	31

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Lake Powell

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Bank Storage 1000 Ac-Ft	EOM Storage 1000 Ac-Ft	Lees Ferry 1000 Ac-Ft
*	Sep 2003	446	482	47	473	0	473	3603.73	18956	12110	485
	WY 2003	6209	6120	368	8227	0	8227				8390
H	Oct 2003	293	364	27	490	0	490	3601.93	18978	11935	495
I	Nov 2003	337	348	23	475	0	475	3600.48	18968	11796	485
S	Dec 2003	289	305	20	602	0	602	3597.22	18960	11487	610
T	Jan 2004	288	305	13	789	0	789	3591.80	18966	10984	802
O	Feb 2004	244	253	14	743	0	743	3586.84	18910	10537	759
R	Mar 2004	539	417	11	805	0	805	3582.78	18867	10180	815
I	Apr 2004	817	609	18	649	1	648	3582.93	18797	10193	653
C	May 2004	1181	972	24	596	0	596	3587.17	18776	10566	601
A	Jun 2004	1096	835	35	802	0	802	3586.16	18832	10476	809
L	Jul 2004	546	468	36	900	0	900	3579.70	18927	9914	909
*	Aug 2004	176	303	39	896	0	896	3572.10	18931	9278	904
	Sep 2004	275	385	34	484	0	484	3570.59	18926	9155	0
	WY 2004	6081	5564	294	8231	1	8230				7842
	Oct 2004	350	401	30	492	0	492	3569.20	18917	9043	0
	Nov 2004	350	351	25	476	0	476	3567.46	18906	8904	0
	Dec 2004	301	318	21	492	0	492	3565.19	18892	8724	0
	Jan 2005	297	309	15	850	0	850	3558.49	18850	8208	0
	Feb 2005	328	322	14	650	0	650	3554.23	18825	7892	0
	Mar 2005	517	434	17	600	0	600	3551.91	18812	7723	0
	Apr 2005	769	612	19	600	0	600	3551.82	18811	7716	0
	May 2005	1797	1463	27	650	0	650	3561.59	18869	8444	0
	Jun 2005	2403	2019	33	800	0	800	3575.30	18957	9543	0
	Jul 2005	1215	1095	39	910	0	910	3576.92	18968	9678	0
	Aug 2005	478	574	40	910	0	910	3572.74	18940	9330	0
	Sep 2005	400	494	34	800	0	800	3568.87	18915	9016	0
	WY 2005	9205	8392	314	8230	0	8230				0
	Oct 2005	502	548	30	600	0	600	3567.93	18909	8940	0
	Nov 2005	496	517	25	600	0	600	3566.67	18901	8841	0
	Dec 2005	396	473	20	800	0	800	3562.56	18875	8519	0
	Jan 2006	365	444	15	800	0	800	3558.05	18848	8176	0
	Feb 2006	379	435	14	600	0	600	3555.83	18835	8010	0
	Mar 2006	597	597	17	600	0	600	3555.58	18833	7992	0
	Apr 2006	887	786	20	600	0	600	3557.64	18845	8145	0
	May 2006	2074	1709	28	600	0	600	3570.48	18925	9146	0
	Jun 2006	2773	2315	35	650	0	650	3588.16	19046	10655	0
	Jul 2006	1402	1208	42	850	0	850	3591.40	19070	10948	0
	Aug 2006	552	594	43	900	0	900	3587.82	19044	10624	0

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Hoover Dam - Lake Mead

		Glen Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	SNWP Use 1000 Ac-Ft	Dwnstrm Reqmnts 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
*	Sep 2003	473	81	75	584	9.8	26	581	1015	1142.12	15618
	WY 2003	8227	656	719	9462		268	9382			
H	Oct 2003	490	21	54	539	8.8	26	537	1009	1141.17	15517
I	Nov 2003	475	46	54	637	10.7	20	635	997	1139.48	15337
S	Dec 2003	602	46	47	623	10.1	19	621	994	1139.12	15300
T	Jan 2004	789	40	38	633	10.3	15	635	1003	1140.39	15434
O	Feb 2004	743	77	35	806	14.0	10	790	1001	1140.11	15404
R	Mar 2004	805	40	39	946	15.4	19	942	992	1138.70	15255
I	Apr 2004	648	55	48	1049	17.6	21	17	966	1134.98	14866
C	May 2004	596	43	54	1124	18.3	37	1121	931	1129.70	14324
A	Jun 2004	802	-8	65	995	16.7	32	994	913	1126.93	14044
L	Jul 2004	900	36	80	952	15.5	32	951	905	1125.73	13924
*	Aug 2004	896	98	85	776	12.6	32	776	911	1126.67	14018
	Sep 2004	484	104	70	548	9.2	30	548	908	1126.11	13962
	WY 2004	8230	598	669	9628		293	8566			
	Oct 2004	492	43	51	362	5.9	30	362	913	1126.98	14048
	Nov 2004	476	39	51	617	10.4	21	617	903	1125.34	13885
	Dec 2004	492	52	44	634	10.3	16	634	893	1123.93	13744
	Jan 2005	850	65	36	691	11.2	12	691	904	1125.59	13910
	Feb 2005	650	67	33	720	13.0	11	720	901	1125.15	13865
	Mar 2005	600	59	37	974	15.8	19	974	879	1121.63	13518
	Apr 2005	600	14	45	1116	18.8	24	1116	844	1116.08	12982
	May 2005	650	29	50	1030	16.8	30	1030	817	1111.82	12576
	Jun 2005	800	17	60	894	15.0	30	894	807	1110.15	12419
	Jul 2005	910	49	75	871	14.2	30	871	806	1109.98	12404
	Aug 2005	910	96	80	800	13.0	30	800	812	1110.94	12494
	Sep 2005	800	104	66	590	9.9	28	590	826	1113.13	12700
	WY 2005	8230	634	628	9299		281	9300			
	Oct 2005	600	43	48	427	6.9	28	427	834	1114.51	12831
	Nov 2005	600	39	49	633	10.6	20	633	830	1113.89	12773
	Dec 2005	800	52	42	612	10.0	15	612	841	1115.69	12944
	Jan 2006	800	65	35	690	11.2	12	690	849	1116.95	13065
	Feb 2006	600	67	32	689	12.4	11	689	845	1116.32	13004
	Mar 2006	600	59	35	989	16.1	19	989	822	1112.53	12644
	Apr 2006	600	14	43	1124	18.9	24	1124	787	1106.73	12102
	May 2006	600	29	48	1032	16.8	30	1032	757	1101.77	11650
	Jun 2006	650	17	57	900	15.1	30	900	738	1098.42	11350
	Jul 2006	850	49	71	873	14.2	30	873	733	1097.62	11279
	Aug 2006	900	96	75	807	13.1	30	807	738	1098.51	11358

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Davis Dam - Lake Mohave

		Hoover Release 1000 Ac-Ft	Side inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Spill Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
*	Sep 2003	584	-20	660	0	660	11.1	640.95	1643
	WY 2003	9462	-256	9135	0	9135			
H	Oct 2003	539	-7	706	0	706	11.5	634.31	1468
I	Nov 2003	637	-11	568	0	568	9.5	636.53	1526
S	Dec 2003	623	-18	540	0	540	8.8	638.98	1590
T	Jan 2004	633	-20	580	0	580	9.4	640.22	1623
O	Feb 2004	806	-17	695	0	695	12.1	643.62	1716
R	Mar 2004	946	-25	958	0	958	15.6	642.21	1677
I	Apr 2004	1049	-12	1033	0	1033	17.4	642.33	1680
C	May 2004	1124	-44	1032	0	1032	16.8	644.09	1729
A	Jun 2004	995	-24	1003	0	1003	16.8	642.91	1696
L	Jul 2004	952	-24	918	0	918	14.9	643.29	1707
*	Aug 2004	776	-38	740	0	740	12.0	643.20	1704
	Sep 2004	548	-19	668	0	668	11.2	638.00	1564
	WY 2004	9628	-259	9441	0	9441			
	Oct 2004	362	-4	512	0	512	8.3	631.99	1409
	Nov 2004	617	-10	556	0	556	9.3	634.00	1460
	Dec 2004	634	-22	489	0	489	8.0	638.71	1583
	Jan 2005	691	-17	590	0	590	9.6	641.80	1666
	Feb 2005	720	-18	669	0	669	12.1	643.01	1699
	Mar 2005	974	-31	942	0	942	15.3	643.01	1699
	Apr 2005	1116	-33	1083	0	1083	18.2	643.01	1699
	May 2005	1030	-29	1000	0	1000	16.3	643.01	1699
	Jun 2005	894	-28	893	0	893	15.0	642.00	1671
	Jul 2005	871	-30	854	0	854	13.9	641.50	1658
	Aug 2005	800	-30	769	0	769	12.5	641.50	1658
	Sep 2005	590	-17	667	0	667	11.2	638.00	1564
	WY 2005	9299	-269	9024	0	9024			
	Oct 2005	427	-6	613	0	613	10.0	630.49	1371
	Nov 2005	633	-13	530	0	530	8.9	634.00	1460
	Dec 2005	612	-26	463	0	463	7.5	638.71	1583
	Jan 2006	690	-17	589	0	589	9.6	641.80	1666
	Feb 2006	689	-18	671	0	671	12.1	641.80	1666
	Mar 2006	989	-31	936	0	936	15.2	642.60	1688
	Apr 2006	1124	-33	1079	0	1079	18.1	643.01	1699
	May 2006	1032	-29	1002	0	1002	16.3	643.01	1699
	Jun 2006	900	-28	899	0	899	15.1	642.00	1671
	Jul 2006	873	-30	856	0	856	13.9	641.50	1658
	Aug 2006	807	-30	776	0	776	12.6	641.50	1658

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Parker Dam - Lake Havasu

		Davis Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	MWD Diversion 1000 Ac-Ft	CAP diversion 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft	Flow_to Mexico 1000 Ac-Ft	Flow_to Mexico 1000 CFS
*	Sep 2003	660	-9	572	9.6	57	54	447.05	562	93	1.6
	WY 2003	9135	19	6840		764	1492			1571	
H	Oct 2003	706	-9	509	8.3	60	125	447.20	565	73	1.2
I	Nov 2003	568	6	336	5.7	67	175	446.96	560	100	1.7
S	Dec 2003	540	9	347	5.6	75	171	444.52	516	121	2.0
T	Jan 2004	580	-4	333	5.4	60	188	444.21	511	129	2.1
O	Feb 2004	695	1	418	7.3	58	175	446.75	557	169	2.9
R	Mar 2004	958	-12	724	11.8	57	186	445.64	536	202	3.3
I	Apr 2004	1033	-6	751	12.6	71	181	446.84	558	212	3.6
C	May 2004	1032	-16	734	11.9	68	188	448.14	583	112	1.8
A	Jun 2004	1003	-24	739	12.4	69	165	448.39	587	109	1.8
L	Jul 2004	918	-23	731	11.9	52	104	448.77	595	121	2.0
*	Aug 2004	740	-17	654	10.6	43	45	447.70	574	98	1.6
	Sep 2004	668	-6	563	9.5	42	73	446.80	557	89	1.5
	WY 2004	9441	-101	6839		722	1776			1535	
	Oct 2004	512	-4	486	7.9	26	5	446.30	548	74	1.2
	Nov 2004	556	3	380	6.4	35	149	445.99	543	99	1.7
	Dec 2004	489	12	325	5.3	35	144	445.80	539	119	1.9
	Jan 2005	590	12	357	5.8	59	186	445.80	539	130	2.1
	Feb 2005	669	0	467	8.4	33	168	445.80	539	155	2.8
	Mar 2005	942	-8	669	10.9	62	187	446.70	555	200	3.3
	Apr 2005	1083	-8	796	13.4	60	181	448.71	594	193	3.2
	May 2005	1000	0	740	12.0	62	180	449.60	611	109	1.8
	Jun 2005	893	-13	733	12.3	30	116	449.60	611	111	1.9
	Jul 2005	854	-7	763	12.4	31	83	448.00	580	121	2.0
	Aug 2005	769	-2	665	10.8	31	80	447.50	570	100	1.6
	Sep 2005	667	-6	559	9.4	30	84	446.81	557	90	1.5
	WY 2005	9024	-21	6940		494	1563			1501	
	Oct 2005	613	-4	484	7.9	31	103	446.29	548	72	1.2
	Nov 2005	530	3	375	6.3	41	123	446.00	543	99	1.7
	Dec 2005	463	12	320	5.2	42	117	445.80	539	119	1.9
	Jan 2006	589	12	356	5.8	59	186	445.80	539	130	2.1
	Feb 2006	671	0	466	8.4	33	168	446.00	543	155	2.8
	Mar 2006	936	-8	667	10.8	62	186	446.70	555	200	3.3
	Apr 2006	1079	-8	793	13.3	60	180	448.71	594	193	3.2
	May 2006	1002	0	737	12.0	62	185	449.60	611	109	1.8
	Jun 2006	899	-13	730	12.3	30	125	449.60	611	111	1.9
	Jul 2006	856	-7	760	12.4	31	88	448.00	580	121	2.0
	Aug 2006	776	-2	662	10.8	31	90	447.50	570	100	1.6

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Hoover Dam - Lake Mead

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Hoover Static Head Feet	Hoover Generator Capacity MW	Hoover Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Sep 2003	584	9.8	1142.12	15618	-124	0.00	1840.0	242.1	100	414.5
	WY 2003	9463							4112.9		
H	Oct 2003	539	8.8	1141.17	15517	-101	0.00	1490.0	225.4	81	418.5
I	Nov 2003	637	10.7	1139.48	15337	-178	0.00	1233.0	272.5	67	427.7
S	Dec 2003	623	10.1	1139.12	15300	-38	0.00	1141.0	266.0	62	426.8
T	Jan 2004	633	10.3	1140.39	15434	134	0.00	1141.0	270.3	62	426.9
O	Feb 2004	806	14.0	1140.11	15404	-29	0.00	1251.0	349.0	68	433.3
R	Mar 2004	946	15.4	1138.70	15255	-149	0.00	1270.0	391.6	69	414.1
I	Apr 2004	1049	17.6	1134.98	14866	-389	0.00	1194.0	450.9	69	429.9
C	May 2004	1124	18.3	1129.70	14324	-542	0.00	1767.0	474.0	100	421.6
A	Jun 2004	995	16.7	1126.93	14044	-280	0.00	1731.0	410.2	100	412.2
L	Jul 2004	952	15.5	1125.73	13924	-120	0.00	1731.0	388.3	100	407.6
*	Aug 2004	776	12.6	1126.67	14018	94	0.00	1731.0	305.8	100	394.0
	Sep 2004	548	9.2	1126.11	13962	-56	474.15	1731.0	224.4	100	409.9
	WY 2004	9628							4028.2		
	Oct 2004	362	5.9	1126.98	14048	87	479.75	1298.2	144.7	75	400.2
	Nov 2004	617	10.4	1125.34	13885	-163	482.00	1194.4	264.3	69	428.3
	Dec 2004	634	10.3	1123.93	13744	-141	478.61	1194.4	269.8	69	425.5
	Jan 2005	691	11.2	1125.59	13910	165	475.40	1315.6	290.8	76	420.5
	Feb 2005	720	13.0	1125.15	13865	-44	474.60	1315.6	308.8	76	428.6
	Mar 2005	974	15.8	1121.63	13518	-348	471.79	1384.8	417.2	80	428.4
	Apr 2005	1116	18.8	1116.08	12982	-536	467.17	1402.1	478.3	81	428.4
	May 2005	1030	16.8	1111.82	12576	-405	460.20	1731.0	422.4	100	410.1
	Jun 2005	894	15.0	1110.15	12419	-157	457.58	1731.0	365.9	100	409.3
	Jul 2005	871	14.2	1109.98	12404	-16	457.16	1731.0	361.4	100	414.8
	Aug 2005	800	13.0	1110.94	12494	90	457.72	1731.0	329.0	100	411.1
	Sep 2005	590	9.9	1113.13	12700	206	460.43	1731.0	239.0	100	404.9
	WY 2005	9301							3891.4		
	Oct 2005	427	6.9	1114.51	12831	131	465.09	1609.8	171.4	93	401.5
	Nov 2005	633	10.6	1113.89	12773	-59	470.02	1280.9	261.6	74	413.4
	Dec 2005	612	10.0	1115.69	12944	171	468.25	1280.9	254.0	74	414.7
	Jan 2006	690	11.2	1116.95	13065	121	467.22	1280.9	286.3	74	414.9
	Feb 2006	689	12.4	1116.32	13004	-61	466.30	1315.6	289.3	76	419.7
	Mar 2006	989	16.1	1112.53	12644	-360	463.40	1384.8	410.9	80	415.7
	Apr 2006	1124	18.9	1106.73	12102	-542	458.12	1402.1	473.3	81	421.2
	May 2006	1032	16.8	1101.77	11650	-452	450.57	1731.0	415.2	100	402.4
	Jun 2006	900	15.1	1098.42	11350	-301	446.77	1731.0	360.8	100	400.9
	Jul 2006	873	14.2	1097.62	11279	-70	445.21	1731.0	353.6	100	405.0
	Aug 2006	807	13.1	1098.51	11358	78	445.42	1731.0	324.2	100	401.6

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Davis Dam - Lake Mohave

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Davis Static Head Feet	Davis Generator Capacity MW	Davis Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Sep 2003	660	11.1	640.95	1643	-96	0.00	204.0	82.2	80	124.6
	WY 2003	9134							1143.3		
H	Oct 2003	706	11.5	634.31	1468	-175	0.00	204.0	84.7	80	120.0
I	Nov 2003	568	9.5	636.53	1526	58	0.00	196.0	67.9	77	119.5
S	Dec 2003	540	8.8	638.98	1590	65	0.00	173.0	65.3	68	120.9
T	Jan 2004	580	9.4	640.22	1623	33	0.00	163.0	72.2	64	124.6
O	Feb 2004	695	12.1	643.62	1716	92	0.00	189.0	86.8	74	124.8
R	Mar 2004	958	15.6	642.21	1677	-38	0.00	209.0	121.6	82	126.9
I	Apr 2004	1033	17.4	642.33	1680	3	0.00	255.0	128.5	100	124.4
C	May 2004	1032	16.8	644.09	1729	48	0.00	255.0	130.0	100	126.0
A	Jun 2004	1003	16.8	642.91	1696	-32	0.00	255.0	119.7	100	119.4
L	Jul 2004	918	14.9	643.29	1707	10	0.00	255.0	114.1	100	124.3
*	Aug 2004	740	12.0	643.20	1704	-2	0.00	255.0	92.3	100	124.7
	Sep 2004	668	11.2	638.00	1564	-140	133.52	255.0	83.1	100	124.4
	WY 2004	9440							1166.1		
	Oct 2004	512	8.3	631.99	1409	-155	129.11	204.0	61.7	80	120.4
	Nov 2004	556	9.3	634.00	1460	51	127.26	196.3	65.7	77	118.2
	Dec 2004	489	8.0	638.71	1583	123	131.54	173.4	59.5	68	121.8
	Jan 2005	590	9.6	641.80	1666	83	135.97	163.2	73.6	64	124.7
	Feb 2005	669	12.1	643.01	1699	33	137.30	188.7	84.1	74	125.7
	Mar 2005	942	15.3	643.01	1699	0	137.29	209.1	118.0	82	125.2
	Apr 2005	1083	18.2	643.01	1699	0	136.05	255.0	134.6	100	124.3
	May 2005	1000	16.3	643.01	1699	0	136.05	255.0	125.0	100	124.9
	Jun 2005	893	15.0	642.00	1671	-28	135.52	255.0	111.5	100	124.8
	Jul 2005	854	13.9	641.50	1658	-14	134.73	255.0	106.3	100	124.5
	Aug 2005	769	12.5	641.50	1658	0	134.46	255.0	96.0	100	124.7
	Sep 2005	667	11.2	638.00	1564	-94	132.63	255.0	82.4	100	123.6
	WY 2005	9026							1118.4		
	Oct 2005	613	10.0	630.49	1371	-193	128.32	204.0	73.1	80	119.1
	Nov 2005	530	8.9	634.00	1460	89	126.46	196.3	62.4	77	117.7
	Dec 2005	463	7.5	638.71	1583	123	131.54	173.4	56.5	68	122.0
	Jan 2006	589	9.6	641.80	1666	83	135.97	163.2	73.4	64	124.7
	Feb 2006	671	12.1	641.80	1666	0	136.69	188.7	84.0	74	125.1
	Mar 2006	936	15.2	642.60	1688	22	136.48	209.1	116.5	82	124.5
	Apr 2006	1079	18.1	643.01	1699	11	135.84	255.0	134.0	100	124.2
	May 2006	1002	16.3	643.01	1699	0	136.05	255.0	125.2	100	124.9
	Jun 2006	899	15.1	642.00	1671	-28	135.52	255.0	112.2	100	124.8
	Jul 2006	856	13.9	641.50	1658	-14	134.73	255.0	106.5	100	124.5
	Aug 2006	776	12.6	641.50	1658	0	134.46	255.0	96.8	100	124.7

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T E M R E S E R V O I R S

Bureau of Reclamation - CRFS 9/2004 Most Prob Water Supply 07-sep-2004 12:02:15

Parker Dam - Lake Havasu

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Parker Static Head Feet	Parker Generator Capacity MW	Parker Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Sep 2003	572	9.6	447.05	562	-33	0.00	113.0	39.9	94	69.8
	WY 2003	6841							465.3		
H	Oct 2003	509	8.3	447.20	565	3	0.00	92.0	34.6	77	68.0
I	Nov 2003	336	5.7	446.96	560	-5	0.00	94.0	22.9	78	68.0
S	Dec 2003	347	5.6	444.52	516	-44	0.00	103.0	23.1	86	66.5
T	Jan 2004	333	5.4	444.21	511	-6	0.00	120.0	21.6	100	64.9
O	Feb 2004	418	7.3	446.75	557	46	0.00	120.0	28.0	100	66.9
R	Mar 2004	724	11.8	445.64	536	-20	0.00	120.0	48.7	100	67.3
I	Apr 2004	751	12.6	446.84	558	3	0.00	120.0	50.2	100	66.9
C	May 2004	734	11.9	448.14	583	24	0.00	120.0	50.3	100	68.5
A	Jun 2004	739	12.4	448.39	587	5	0.00	120.0	49.5	100	67.0
L	Jul 2004	731	11.9	448.77	595	7	0.00	120.0	49.4	100	67.6
*	Aug 2004	654	10.6	447.70	574	-20	0.00	120.0	44.3	100	67.7
	Sep 2004	563	9.5	446.80	557	-17	74.65	120.0	36.6	100	65.0
	WY 2004	6840							459.3		
	Oct 2004	486	7.9	446.30	548	-9	75.37	90.0	31.8	75	65.4
	Nov 2004	380	6.4	445.99	543	-6	74.98	90.0	24.5	75	64.5
	Dec 2004	325	5.3	445.80	539	-4	74.73	90.0	20.7	75	63.6
	Jan 2005	357	5.8	445.80	539	0	74.64	90.0	22.8	75	63.9
	Feb 2005	467	8.4	445.80	539	0	74.64	90.0	30.4	75	65.0
	Mar 2005	669	10.9	446.70	555	16	75.08	90.0	44.1	75	66.0
	Apr 2005	796	13.4	448.71	594	38	75.09	120.0	52.5	100	66.0
	May 2005	740	12.0	449.60	611	18	76.49	120.0	49.5	100	66.9
	Jun 2005	733	12.3	449.60	611	0	76.93	120.0	49.3	100	67.3
	Jul 2005	763	12.4	448.00	580	-31	76.15	120.0	50.9	100	66.7
	Aug 2005	665	10.8	447.50	570	-10	75.13	120.0	43.7	100	65.7
	Sep 2005	559	9.4	446.81	557	-13	74.86	112.8	36.4	94	65.2
	WY 2005	6940							456.7		
	Oct 2005	484	7.9	446.29	548	-9	75.24	92.4	31.6	77	65.3
	Nov 2005	375	6.3	446.00	543	-5	74.79	93.6	24.1	78	64.2
	Dec 2005	320	5.2	445.80	539	-4	74.07	103.2	20.2	86	63.0
	Jan 2006	356	5.8	445.80	539	0	74.64	90.0	22.7	75	63.9
	Feb 2006	466	8.4	446.00	543	4	74.74	90.0	30.3	75	65.1
	Mar 2006	667	10.8	446.70	555	13	75.17	90.0	44.0	75	66.0
	Apr 2006	793	13.3	448.71	594	38	75.09	120.0	52.3	100	66.0
	May 2006	737	12.0	449.60	611	18	76.49	120.0	49.3	100	66.9
	Jun 2006	730	12.3	449.60	611	0	76.93	120.0	49.1	100	67.3
	Jul 2006	760	12.4	448.00	580	-31	76.15	120.0	50.7	100	66.7
	Aug 2006	662	10.8	447.50	570	-10	75.13	120.0	43.5	100	65.7

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T Y M R E S E R V O I R S

Bureau of Reclamation - CRFS 9/2004 Most Prob Water Supply Thu Sep 9 09:47:43 2004

Upper Basin Power

		Glen Canyon 1000 MWHR	Flam Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Res 1000 MWHR	Font Res 1000 MWHR
*	Sep 2003	201	32	17	23	22	3
	Summer 2003	201	32	17	23	22	3
H	Oct 2003	206	17	13	18	8	2
I	Nov 2003	198	17	4	6	0	3
S	Dec 2003	251	22	4	5	1	3
T	Jan 2004	325	17	4	6	0	3
O	Feb 2004	304	16	5	5	0	3
R	Mar 2004	312	18	3	6	0	3
	Winter 2004	1596	106	32	46	8	17
I	Apr 2004	263	17	8	14	4	7
C	May 2004	239	37	9	16	0	4
A	Jun 2004	324	20	16	22	0	5
L	Jul 2004	360	20	28	34	0	8
*	Aug 2004	354	21	28	33	0	7
	Sep 2004	179	21	21	27	0	5
	Summer 2004	1720	136	110	146	4	36
	Oct 2004	181	17	13	17	10	5
	Nov 2004	174	17	4	6	4	5
	Dec 2004	179	17	4	6	4	5
	Jan 2005	306	17	5	6	4	4
	Feb 2005	231	16	5	7	4	4
	Mar 2005	212	17	8	10	7	4
	Winter 2005	1284	102	39	53	33	27
	Apr 2005	211	17	15	21	14	4
	May 2005	231	44	15	27	22	6
	Jun 2005	293	63	14	23	21	8
	Jul 2005	340	25	29	35	22	10
	Aug 2005	339	25	32	38	22	7
	Sep 2005	295	24	31	37	21	6
	Summer 2005	1708	197	135	179	121	42
	Oct 2005	220	25	23	28	16	6
	Nov 2005	219	24	15	19	11	6
	Dec 2005	290	25	23	28	16	6
	Jan 2006	287	25	23	29	16	5
	Feb 2006	214	22	21	27	15	4
	Mar 2006	213	39	21	28	16	5
	Winter 2006	1443	159	126	159	90	32
	Apr 2006	213	39	23	33	20	5
	May 2006	217	59	12	25	22	6
	Jun 2006	244	74	11	20	21	8
	Jul 2006	327	22	27	34	22	10
	Aug 2006	346	22	32	37	22	7

model_run_id = 1421

F L O O D C O N T R O L C R I T E R I A
B E G I N N I N G O F M O N T H C O N D I T I O N S

					UPPER							TOT OR				BOM	MEAD	MEAD
	FLAMING	BLUE		LAKE	BASIN	LAKE		FLAMING	BLUE		MAX	LAKE	LAKE		SPACE	SCHED	FC	SYS
MON YEAR	GORGE	MESA	NAVAJO	POWELL	TOTAL	MEAD	TOTAL	GORGE	MESA	NAVAJO	ALLOW	POWELL	MEAD	TOTAL	REQD	REL	REL	CONT
	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	MAF
* * * * P R E D I C T E D S P A C E * * * *											* * * * C R E D I T A B L E S P A C E * * * *							
SEP 2004	1102	270	764	15042	17178	13362	30540	1102	270	764	2136	15042	13362	30540	2270	547	0	29.8
OCT 2004	1131	314	776	15165	17386	13418	30805	1131	314	776	2221	15165	13418	30805	3040	362	0	29.6
NOV 2004	1146	333	796	15277	17551	13332	30883	1146	333	796	2274	15277	13332	30883	3810	617	0	29.3
DEC 2004	1162	324	799	15416	17701	13495	31196	1162	324	799	2285	15416	13495	31196	4580	634	0	29.1
JAN 2005	1186	320	803	15596	17906	13636	31542	1186	320	803	2310	15596	13636	31542	5350	691	0	28.8
* * * * E F F E C T I V E S P A C E * * * *																		
JAN 2005	1186	320	803	15596	17906	13636	31542	526	320	327	1173	15596	13636	30405	5350	691	0	28.8
FEB 2005	1205	317	806	16112	18440	13470	31910	542	317	329	1188	16112	13470	30770	1500	720	0	28.5
MAR 2005	1213	317	800	16428	18758	13515	32272	547	317	323	1187	16428	13515	31129	1500	974	0	28.0
APR 2005	1184	316	760	16597	18857	13862	32719	512	316	277	1105	16597	13862	31564	1500	1116	0	27.7
MAY 2005	1119	308	697	16604	18728	14398	33126	438	308	189	935	16604	14398	31937	1500	1030	0	28.3
JUN 2005	1018	202	607	15876	17702	14804	32505	325	197	66	588	15876	14804	31267	1500	894	0	29.6
JUL 2005	843	40	622	14777	16282	14961	31242	134	14	35	183	14777	14961	29921	1500	871	0	29.8
* * * * C R E D I T A B L E S P A C E * * * *																		
AUG 2005	727	26	638	14642	16033	14976	31009	727	26	638	1391	14642	14976	31009	1500	800	0	29.4
SEP 2005	723	70	672	14990	16454	14886	31341	723	70	672	1465	14990	14886	31341	2270	590	0	29.1
OCT 2005	743	130	668	15304	16845	14680	31525	743	130	668	1541	15304	14680	31525	3040	427	0	28.9
NOV 2005	758	171	664	15380	16973	14549	31522	758	171	664	1594	15380	14549	31522	3810	633	0	28.8
DEC 2005	776	194	657	15479	17107	14607	31715	776	194	657	1628	15479	14607	31715	4580	612	0	28.7
JAN 2006	811	248	655	15801	17515	14436	31951	811	248	655	1714	15801	14436	31951	5350	690	0	28.5
* * * * E F F E C T I V E S P A C E * * * *																		
JAN 2006	811	248	655	15801	17515	14436	31951	484	248	350	1082	15801	14436	31319	5350	690	0	28.5
FEB 2006	841	306	655	16144	17946	14315	32261	511	306	349	1166	16144	14315	31626	1500	689	0	28.2
MAR 2006	860	358	648	16310	18176	14376	32552	527	357	342	1226	16310	14376	31912	1500	989	0	27.8

APR 2006	876	401	602	16328	18207	14736	32943	538	401	290	1229	16328	14736	32294	1500	1124
0 27.6																
MAY 2006	850	410	533	16175	17967	15278	33245	504	410	196	1109	16175	15278	32562	1500	1032
0 28.5																
JUN 2006	752	264	449	15174	16638	15730	32368	393	262	78	733	15174	15730	31637	1500	900
0 30.1																
JUL 2006	547	60	469	13665	14741	16030	30772	172	34	52	258	13665	16030	29954	1500	873
0 30.4																
										* * * * C R E D I T A B L E		S P A C E * * * *				
AUG 2006	395	27	468	13372	14262	16101	30363	395	27	468	890	13372	16101	30363	1500	807
0 30.1																

Date: October 14, 2004

From: Water Resource Group, Salt Lake City

To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Status

	September inflow(unreg) (Acre-Feet)	Percent of normal	Midnight October 13 Elevation	Reservoir Storage (Acre-Feet)
Fontenelle	41,000	77	6497.82	283,000
Flaming Gorge	46,000	71	6011.23	2,681,000
Blue Mesa	22,000	40	7477.31	487,000
Powell	322,000	68	3570.89	9,179,000
Navajo	58,000	145	6023.15	941,000

Expected Operation

FONTENELLE - Inflows during September were approximately 40,900 acre-feet (77% of normal). The reservoir elevation has decreased about 2.4 feet during the month of September. Releases are steady at 950 cfs and will likely remain at this level until next spring (March 2005). The reservoir elevation will continue to decline through the fall and winter months to near the minimum power pool elevation of 6463 feet above sea level.

Open forum discussions on Fontenelle operations take place at the "Fontenelle Reservoir Working Group" meetings. The Working Group is a forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir. The public is encouraged to attend and express their concerns and interests with regard to Fontenelle Reservoir operation. The next Working Group meeting will be scheduled for April of 2005 and will likely be held in Green River, WY. At this time the exact time and place have not been scheduled. For more information about the Working Group, contact Ed Vidmar at 801-379-1182.

FLAMING GORGE – Unregulated Inflows during the month of September were approximately 46,000 acre-feet (71% of normal). Releases during the month averaged about 1000 cfs per day with peak fluctuations occurring each afternoon up to about 1450 cfs. Evening and Morning releases were approximately 850 cfs. The total volume released during September was 60,400 acre-feet. Beginning in October, releases will resume steady flows of 800 cfs. This is the minimum release rate under normal operations based on the 1992 Biological Opinion and the Interim Operating Criteria dated September of 1974. The current reservoir elevation of Flaming Gorge is steady at approximately 6011.2 and will likely remain at this level for the next several months.

The next "Flaming Gorge Working Group" meeting is to be held on April 21th, 2005 in Vernal, Utah at 10:00 a.m.. The location will be at the Western Park Convention Center. The Working Group is a

forum for information exchange between Reclamation and all other parties associated with the operation of Flaming Gorge Reservoir. The public is encouraged to attend and express their concerns and interests with regard to the operation of Flaming Gorge Reservoir. For more information about the Working Group please contact Ed Vidmar at 801-379-1182.

ASPINALL – September unregulated inflow into Blue Mesa Reservoir was 22,000 acre-feet or 60 percent of average. Hydrologic conditions remain dry with drought still the controlling factor for water management throughout the region. September recorded precipitation was 165 percent of average. The current inflow rate into Blue Mesa Reservoir is about 550 cfs and reservoir releases are averaging about 1,200 cfs. Blue Mesa's present elevation is 7477.4 feet, which corresponds to a storage content of about 487,000 acre-feet.

Currently, releases from Crystal are subject to change due to maintenance activities associated with the Powerplant. At the present the total release is 950 cfs. The Gunnison Diversion Tunnel is taking about 450 cfs while the river flows below the tunnel are about 500 cfs. Due to the severity of the continuing drought in the Gunnison River Basin, river flows through the Black Canyon of the Gunnison are set to meet downstream water flow rights. It is anticipated that canyon flows will decrease to a minimum flow rate of 350 cfs later this month and will remain at that level for most of this fall and into the winter months.

The next meeting of the "Aspinall Unit Working Group" will be held on Thursday, January 20, 2005 at 1:00 PM at the Pavilion Center in Montrose, Colorado, review of last summer and fall reservoir operations, and plans for this winter and next spring 2005 operations will be discussed. These meetings are open forum discussions on the Aspinall Unit reservoir operations with many interested groups participating. Anyone needing further information about these meetings should contact Dan Crabtree in the Grand Junction Area Office at (970) 248-0652.

NAVAJO – Reclamation decreased the release from Navajo Reservoir from 400 cubic feet per second (cfs) to 350 cfs on Thursday, October 7, 2004, at 9:00 a.m. Releases are made for the authorized purposes of the Navajo Unit, and to attempt to maintain a target base flow through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell).

As per the recommendations from the San Juan River Basin Recovery Implementation Program for 2004, and with the current forecast, the target base flow for endangered fish is 400 cfs. The target base flow is calculated as the weekly average of gaged flows throughout the critical habitat area, therefore daily flows of less than 400 cfs may occur at some gages.

Reclamation will continue to closely monitor the hydrologic conditions in the basin. As such, this scheduled release change is subject to changes in river flows and weather conditions.

The current daily reservoir inflow is averaging about 600 cfs and reservoir releases are set at 350 cfs. Presently, the reservoir water surface elevation is 6022.8 feet, which corresponds to a storage content of about 938,000 acre-feet. The monthly precipitation average in the basin above Bluff was 210 percent of average during September.

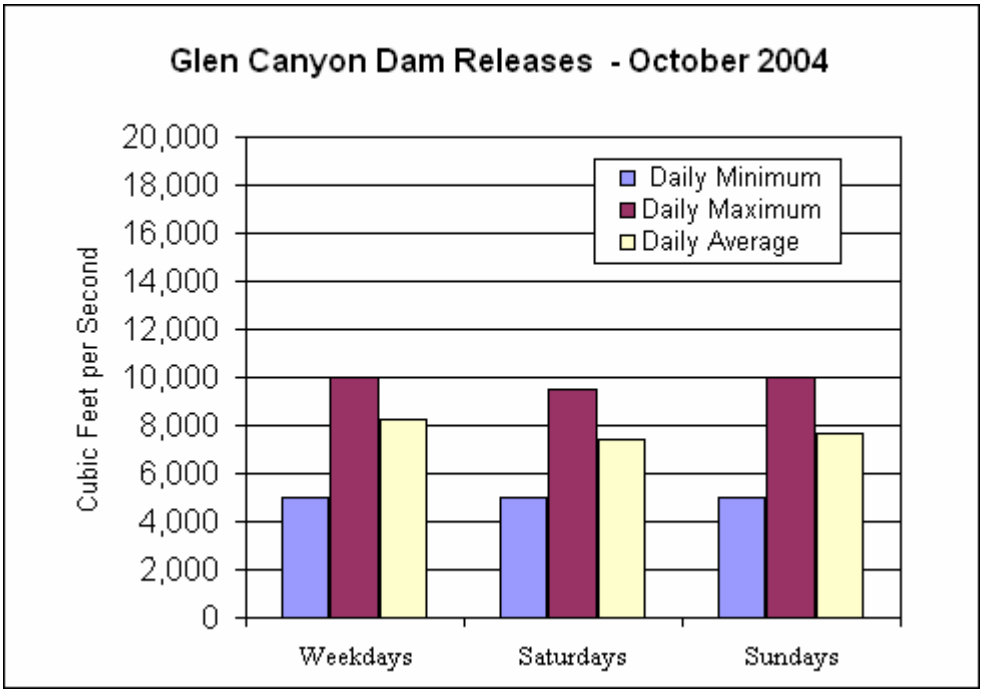
A public meeting on Navajo Reservoir operations was held on Tuesday, August 17, 2004 at 1:00 PM in Farmington, New Mexico. At this meeting, review of last spring and summer reservoir operations, and plans for this fall and winter 2004 operations were discussed. These are open forum discussions

on the operation of Navajo Reservoir with many interested groups participating. Anyone interested in the general operation of the reservoir is encouraged to attend. Please contact Pat Page in Reclamation's Durango, Colorado Office at (970) 385-6560 for information about these meetings or the daily operation of Navajo Reservoir.

Lake Powell Current Status

Glen Canyon Dam Operations

Releases in October 2004 will be similar to those observed in September. A volume of 492,000 acre-feet is scheduled to be released from Lake Powell in September, which is an average of 8,000 cubic feet per second (cfs). On Mondays through Fridays and on Sundays in October, daily fluctuations due to load following will likely vary between a low of about 5,000 cfs (during late evening and early morning off-peak hours) to a high of about 10,000 cfs (during late afternoon and early evening on-peak hours). On Saturdays, releases will likely vary between a low of about 5,000 cfs during off-peak hours to a high of about 9,500 cfs during on-peak hours. However, due to real time power marketing, there may be days in October where on-peak releases are increased to 8,000 cfs, and not raised completely to the scheduled daily peaks listed above. This release pattern is shown in the following graph. It should be noted, however, that actual releases will occasionally deviate somewhat from those displayed due to real-time power system considerations.



The release pattern in November is likely to be similar to the October pattern. Currently, a volume of 476,000 acre-feet is scheduled to be released in November, which is an average of 8,000 cfs. In water year 2004, a total volume of 8.23 million acre-feet was released from Lake Powell.

Upper Colorado River Basin Hydrology

With October 1st comes a new water year. The Colorado River Basin is now entering its 6th year of drought. In July 1999, Lake Powell was essentially full, with reservoir storage at 97 percent of capacity. Since that time, inflow volumes have been below average for 5 consecutive years. The last month when inflow to Lake Powell was above average was September 1999. Total unregulated

inflow to Lake Powell in water year 2004 was only 51 percent of average. Unregulated inflow in water years 2000, 2001, 2002, and 2003 was 62, 59, 25, and 51 percent of average, respectively. Inflow in water year 2002 was the lowest ever observed since the completion of Glen Canyon Dam in 1963.

The summer season in the Colorado River Basin featured cooler than average temperatures with precipitation below average levels. With the exception of the Green River Basin above Flaming Gorge, river flows around the basin were much below average this summer. Unregulated inflow to Lake Powell in July and August was dismal, only 35 and 29 percent of average, respectively. September was a ' wet' month, however, with basinwide precipitation 160 percent of average. It was especially wet in the 4-corners region and the San Juan River Basin during September. River flows increased in response to the September precipitation. Unregulated inflow to Lake Powell in September 2004 was 322,000 acre-feet or 68 percent of average. Inflow to Lake Powell was actually above average for a number of days at the end of September and beginning of October. Unfortunately, there has only been limited precipitation in the basin in October and river flows have receeded. As of October 11, 2004 observed inflow to Lake Powell is running at about 6,900 cfs about 72 percent of what is normally seen in mid-October.

An important factor in reversing the trend of drought is to “wet” the soils in the fall. To increase the efficiency of the snowmelt runoff the following spring, it is necessary to have wetter soils from autumn rains. The past 5 years we have had very dry soils around the basin as we moved into the snow accumulation season. A significant amount of the snowmelt the past 5 years has been absorbed by these dry soils. It will be necessary to have above average precipitation the next two months to reverse this dry soil moisture condition in the Colorado River Basin.

Low inflows the past 5 years have reduced water storage in Lake Powell. The current elevation (as of October 13, 2004) of Lake Powell is 3,571 feet (129 feet from full pool). Current storage is 9.2 million acre-feet (38 percent of live capacity).

Under the current inflow forecast, the water surface elevation of Lake Powell is projected decline the remainder of the year, with current projections showing the lake reaching an elevation of 3,565 feet on January 1, 2005. It should be noted that this projected elevation will likely shift, depending upon weather patterns the remainder of the year.

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-280
125 SOUTH STATE STREET, ROOM 6107
SALT LAKE CITY, UT 84138-1102
PHONE 801-524-5571

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RUNOFF PROJECTIONS AND INFLOW INFORMATION INTO UPPER BASIN RESERVOIR PROVIDED BY THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICE'S COLORADO BASIN RIVER FORECAST CENTER ARE AS FOLLOWS

:	Obs					Forecast		
:	jun	jul	aug	sep	%Avg	oct	nov	dec
GLDA3:Lake Powell	1096	545	176	322	68%:	350/	350/	300
GBRW4:Fontenelle	182	168	56	41	77%:	35/	30/	25
GRNU1:Flaming Gorge	188	182	60	46	71%:	40/	35/	30
BMDC2:Blue Mesa	134	65	28	22	60%:	25/	25/	20
MPSC2:Morrow Point	143	66	29	23	58%:	27/	27/	22
CLSC2:Crystal	156	68	30	25	52%:	32/	31/	26
VCRC2:Vallecito	51	19.9	9.4	23	139%:	5/	3/	2.5
NVRN5:Navajo	132	22	-2.45	58	145%:	12/	10/	9
TPIC2:Taylor Park	23	10.8	5.5	5.4	77%:	4.5/	3.7/	3.5

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T E M R E S E R V O I R S

Bureau of Reclamation - CRFS 10/2004 Most Prob Water Supply 13-oct-2004 14:50:31

Fontenelle Reservoir

	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
* Oct 2003	27	1	29	17	46	6491.32	237
H Nov 2003	27	1	41	5	46	6488.45	218
I Dec 2003	28	1	46	0	46	6485.47	199
S Jan 2004	25	1	47	0	47	6481.72	176
T Feb 2004	23	1	43	0	43	6477.84	156
O Mar 2004	58	1	46	0	46	6479.97	167
R Apr 2004	66	1	44	0	44	6483.56	187
I May 2004	67	2	59	0	59	6484.57	193
C Jun 2004	182	2	60	0	60	6501.79	313
A Jul 2004	168	3	89	54	143	6504.73	336
L Aug 2004	56	2	76	7	83	6500.95	306
* Sep 2004	41	2	24	33	57	6498.57	288
WY 2004	768	18	604	116	720		
Oct 2004	35	1	58	0	58	6495.24	264
Nov 2004	30	1	57	0	57	6491.26	236
Dec 2004	25	1	58	0	58	6486.09	203
Jan 2005	24	1	58	0	58	6480.24	168
Feb 2005	22	1	53	0	53	6473.94	137
Mar 2005	41	0	68	0	68	6467.60	109
Apr 2005	73	1	89	0	89	6463.29	93
May 2005	153	1	94	0	94	6476.85	151
Jun 2005	278	2	101	40	141	6498.20	285
Jul 2005	166	3	102	10	112	6504.89	337
Aug 2005	72	2	72	0	72	6504.60	335
Sep 2005	41	2	68	0	68	6500.89	306
WY 2005	960	16	878	50	928		
Oct 2005	47	1	70	0	70	6497.65	281
Nov 2005	39	1	68	0	68	6493.49	252
Dec 2005	30	1	70	0	70	6487.38	211
Jan 2006	28	1	70	0	70	6480.30	168
Feb 2006	26	0	63	0	63	6472.71	131
Mar 2006	47	0	79	0	79	6464.87	99
Apr 2006	84	1	79	0	79	6466.04	103
May 2006	176	1	96	44	140	6474.22	138
Jun 2006	320	2	99	109	208	6492.95	248
Jul 2006	192	3	108	37	145	6499.14	292
Aug 2006	83	2	71	0	71	6500.44	302
Sep 2006	48	2	68	0	68	6497.52	281
WY 2006	1120	15	941	190	1131		

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Flaming Gorge Reservoir

	Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Yampa Flow 1000 Ac-Ft	Jensen Flow 1000 Ac-Ft
* Oct 2003	24	44	6	52	0	52	68	6009.38	2621	0	67
H Nov 2003	28	47	3	51	0	51	67	6009.17	2614	0	79
I Dec 2003	27	46	2	53	0	53	67	6008.91	2606	0	80
S Jan 2004	27	48	2	53	0	53	67	6008.73	2600	0	272
T Feb 2004	33	53	2	50	0	50	67	6008.77	2602	0	301
O Mar 2004	98	89	3	54	0	54	68	6009.71	2632	0	246
R Apr 2004	84	62	4	51	0	51	68	6009.90	2638	0	233
I May 2004	76	69	7	107	0	107	67	6008.57	2595	0	391
C Jun 2004	188	74	9	61	0	61	67	6008.69	2599	0	232
A Jul 2004	182	147	11	61	0	61	70	6010.91	2671	0	119
L Aug 2004	60	88	11	62	0	62	70	6011.37	2686	0	73
* Sep 2004	46	62	9	60	0	60	70	6011.15	2679	0	81
WY 2004	873	829	69	715	0	715					2174
Oct 2004	40	63	4	50	0	50	70	6011.41	2687	0	50
Nov 2004	35	62	2	48	0	48	71	6011.76	2699	0	48
Dec 2004	30	63	2	49	0	49	71	6012.13	2711	0	49
Jan 2005	34	68	2	49	0	49	72	6012.64	2728	0	49
Feb 2005	39	70	2	44	0	44	72	6013.34	2751	0	44
Mar 2005	84	111	4	49	0	49	74	6015.02	2807	0	49
Apr 2005	122	138	6	48	0	48	77	6017.39	2888	0	48
May 2005	236	177	9	123	0	123	78	6018.63	2932	0	123
Jun 2005	367	230	12	176	0	176	80	6019.80	2973	0	176
Jul 2005	202	148	13	68	0	68	82	6021.64	3038	0	68
Aug 2005	84	84	10	68	0	68	82	6021.81	3044	0	68
Sep 2005	51	78	8	65	0	65	82	6021.93	3048	0	65
WY 2005	1324	1292	74	837	0	837					837
Oct 2005	59	82	5	68	0	68	83	6022.18	3057	0	68
Nov 2005	50	79	2	65	0	65	83	6022.50	3069	0	65
Dec 2005	36	76	2	68	0	68	83	6022.67	3075	0	68
Jan 2006	41	83	2	68	0	68	84	6023.03	3088	0	68
Feb 2006	45	82	2	61	0	61	84	6023.53	3106	0	61
Mar 2006	97	129	4	108	0	108	85	6023.98	3123	0	108
Apr 2006	141	136	7	107	0	107	85	6024.56	3144	0	107
May 2006	273	237	10	162	0	162	87	6026.26	3207	0	162
Jun 2006	423	311	13	202	0	202	91	6028.73	3300	0	202
Jul 2006	233	186	14	61	0	61	94	6031.52	3408	0	61
Aug 2006	97	85	11	61	0	61	95	6031.85	3421	0	61
Sep 2006	59	79	9	72	0	72	94	6031.80	3419	0	72
WY 2006	1554	1565	81	1103	0	1103					1103

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Taylor Park Reservoir

	Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
* Oct 2003	5	4	9309.72	69
H Nov 2003	4	3	9310.47	71
I Dec 2003	4	3	9310.82	71
S Jan 2004	4	3	9311.17	72
T Feb 2004	4	3	9311.44	72
O Mar 2004	5	4	9312.62	74
R Apr 2004	8	4	9314.81	78
I May 2004	23	10	9322.01	91
C Jun 2004	23	16	9325.53	97
A Jul 2004	11	19	9321.35	89
L Aug 2004	6	18	9314.10	77
* Sep 2004	5	15	9308.05	67
WY 2004	102	102		
Oct 2004	4	6	9307.00	65
Nov 2004	4	3	9307.67	66
Dec 2004	4	3	9308.02	67
Jan 2005	3	3	9308.28	67
Feb 2005	3	3	9308.28	67
Mar 2005	3	4	9307.89	67
Apr 2005	7	6	9308.28	67
May 2005	21	10	9315.21	78
Jun 2005	36	16	9325.87	98
Jul 2005	17	18	9325.51	97
Aug 2005	8	18	9320.25	87
Sep 2005	6	16	9314.27	77
WY 2005	116	106		
Oct 2005	6	8	9313.02	75
Nov 2005	5	3	9313.98	76
Dec 2005	4	3	9314.63	77
Jan 2006	4	3	9315.16	78
Feb 2006	3	3	9315.39	79
Mar 2006	4	5	9314.75	78
Apr 2006	8	14	9310.88	71
May 2006	25	18	9314.86	78
Jun 2006	41	18	9327.35	101
Jul 2006	20	21	9326.84	100
Aug 2006	9	20	9321.23	89
Sep 2006	6	16	9315.86	80
WY 2006	135	132		

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Blue Mesa Reservoir

	Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir elevation EOM Feet	Live Storage 1000 Ac-Ft
* Oct 2003	26	25	0	47	0	47	7458.78	364
H Nov 2003	23	22	0	16	0	16	7459.81	370
I Dec 2003	22	21	0	15	0	15	7460.86	377
S Jan 2004	21	20	0	14	0	14	7461.91	383
T Feb 2004	19	19	0	12	0	12	7463.03	390
O Mar 2004	46	44	0	13	0	13	7467.75	421
R Apr 2004	68	64	1	31	0	31	7472.65	454
I May 2004	154	141	1	32	0	32	7487.46	562
C Jun 2004	134	128	1	54	0	54	7496.75	635
A Jul 2004	65	72	1	93	0	93	7494.00	613
L Aug 2004	28	41	1	93	0	93	7487.18	560
* Sep 2004	22	32	1	83	0	83	7480.20	507
WY 2004	628	629	6	503	0	503		
Oct 2004	25	27	0	53	0	53	7476.47	481
Nov 2004	25	24	0	15	0	15	7477.70	489
Dec 2004	20	19	0	16	0	16	7478.23	493
Jan 2005	19	19	0	16	0	16	7478.63	496
Feb 2005	18	18	0	15	0	15	7479.09	499
Mar 2005	27	28	0	26	0	26	7479.26	501
Apr 2005	59	58	1	50	0	50	7480.32	508
May 2005	170	159	1	41	0	41	7495.52	625
Jun 2005	228	209	1	43	0	43	7514.91	789
Jul 2005	105	106	2	91	0	91	7516.37	802
Aug 2005	51	61	1	103	0	103	7511.50	759
Sep 2005	29	40	1	100	0	100	7504.33	697
WY 2005	776	768	7	569	0	569		
Oct 2005	33	35	1	76	0	76	7499.34	656
Nov 2005	29	27	0	50	0	50	7496.53	633
Dec 2005	23	22	0	74	0	74	7490.00	581
Jan 2006	23	22	0	80	0	80	7482.35	523
Feb 2006	21	21	0	72	0	72	7475.20	472
Mar 2006	32	33	0	76	0	76	7468.89	428
Apr 2006	68	74	1	82	0	82	7467.65	420
May 2006	196	189	1	43	0	43	7487.96	566
Jun 2006	263	240	1	35	0	35	7512.67	769
Jul 2006	121	122	2	87	0	87	7516.42	803
Aug 2006	59	70	1	101	0	101	7512.77	770
Sep 2006	33	43	1	101	0	101	7505.91	711
WY 2006	901	898	8	877	0	877		

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Morrow Point Reservoir

		Unreg Inflow 1000 Ac-Ft	Blue_Mesa Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Evap losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Oct 2003	28	47	2	49	0	52	0	52	7149.88	109
H	Nov 2003	25	16	2	18	0	16	0	16	7151.87	111
I	Dec 2003	24	15	2	16	0	15	0	15	7153.36	112
S	Jan 2004	23	14	2	15	0	17	0	17	7151.70	110
T	Feb 2004	22	12	2	14	0	15	0	15	7150.31	109
O	Mar 2004	51	13	5	18	0	17	0	17	7151.24	110
R	Apr 2004	78	31	10	40	0	40	0	40	7151.23	110
I	May 2004	171	32	18	50	0	47	0	47	7154.18	112
C	Jun 2004	143	54	8	62	0	62	0	62	7154.59	113
A	Jul 2004	66	93	1	94	0	95	0	95	7152.76	111
L	Aug 2004	29	93	1	94	0	93	0	93	7153.42	112
*	Sep 2004	23	83	1	84	0	86	0	86	7151.14	110
	WY 2004	683	503	54	554	0	555	0	555		
	Oct 2004	26	53	1	54	0	52	0	52	7153.73	112
	Nov 2004	27	15	2	17	0	17	0	17	7153.73	112
	Dec 2004	22	16	2	17	0	17	0	17	7153.73	112
	Jan 2005	21	16	2	18	0	17	0	17	7153.73	112
	Feb 2005	20	15	2	16	0	17	0	17	7153.73	112
	Mar 2005	30	26	3	29	0	29	0	29	7153.73	112
	Apr 2005	66	50	7	57	0	57	0	57	7153.73	112
	May 2005	193	41	23	64	0	64	0	64	7153.73	112
	Jun 2005	246	43	18	61	0	61	0	61	7153.73	112
	Jul 2005	110	91	5	96	0	96	0	96	7153.73	112
	Aug 2005	53	103	2	105	0	105	0	105	7153.73	112
	Sep 2005	30	100	1	101	0	101	0	101	7153.73	112
	WY 2005	844	569	68	635	0	633	0	633		
	Oct 2005	35	76	2	78	0	78	0	78	7153.73	112
	Nov 2005	31	50	2	52	0	52	0	52	7153.73	112
	Dec 2005	25	74	2	76	0	76	0	76	7153.73	112
	Jan 2006	24	80	1	81	0	81	0	81	7153.73	112
	Feb 2006	23	72	2	74	0	74	0	74	7153.73	112
	Mar 2006	35	76	3	79	0	79	0	79	7153.73	112
	Apr 2006	77	82	9	91	0	91	0	91	7153.73	112
	May 2006	222	43	26	69	0	69	0	69	7153.73	112
	Jun 2006	284	35	21	56	0	56	0	56	7153.73	112
	Jul 2006	127	87	6	93	0	93	0	93	7153.73	112
	Aug 2006	61	101	2	103	0	103	0	103	7153.73	112
	Sep 2006	35	101	2	103	0	103	0	103	7153.73	112
	WY 2006	979	877	78	955	0	955	0	955		

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Crystal Reservoir

	unreg Inflow 1000 Ac-Ft	Morrow Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Tunnel Flow 1000 Ac-Ft	Below_tunnel Flow 1000 Ac-Ft
* Oct 2003	32	52	4	56	27	28	55	6746.98	15	34	23
H Nov 2003	29	16	4	20	0	20	20	6747.86	16	0	20
I Dec 2003	27	15	4	19	0	20	20	6744.53	15	1	19
S Jan 2004	27	17	4	21	0	20	20	6748.12	16	0	20
T Feb 2004	25	15	3	18	0	18	18	6748.18	16	1	19
O Mar 2004	58	17	7	25	0	24	24	6749.98	16	5	19
R Apr 2004	88	40	10	50	0	50	50	6751.44	17	33	19
I May 2004	194	47	23	70	0	70	70	6751.47	17	50	22
C Jun 2004	156	62	13	75	0	75	75	6752.33	17	55	22
A Jul 2004	68	95	2	97	0	99	99	6746.23	15	64	40
L Aug 2004	30	93	1	95	0	95	95	6744.94	15	65	35
* Sep 2004	25	86	2	88	0	86	86	6751.39	17	55	35
WY 2004	759	555	77	634	27	605	632			363	293
Oct 2004	32	52	6	58	59	0	59	6746.05	15	30	29
Nov 2004	31	17	4	21	21	0	21	6746.05	15	0	21
Dec 2004	26	17	4	22	22	0	22	6746.05	15	0	22
Jan 2005	25	17	4	22	22	0	22	6746.05	15	0	22
Feb 2005	23	17	3	19	20	0	20	6746.05	15	0	19
Mar 2005	37	29	7	36	36	0	36	6746.05	15	5	31
Apr 2005	81	57	15	72	72	0	72	6746.05	15	30	42
May 2005	233	64	40	104	104	0	104	6746.05	15	55	49
Jun 2005	295	61	49	110	110	0	110	6746.05	15	60	50
Jul 2005	130	96	20	116	116	0	116	6746.05	15	65	51
Aug 2005	64	105	11	116	116	0	116	6746.05	15	65	51
Sep 2005	38	101	8	109	109	0	109	6746.05	15	55	54
WY 2005	1015	633	171	805	807	0	807			365	441
Oct 2005	42	78	7	85	85	0	85	6746.05	15	30	55
Nov 2005	36	52	5	57	57	0	57	6746.05	15	0	57
Dec 2005	30	76	5	80	81	0	81	6746.05	15	0	80
Jan 2006	29	81	5	86	86	0	86	6746.05	15	0	86
Feb 2006	27	74	4	78	78	0	78	6746.05	15	0	78
Mar 2006	42	79	7	86	86	0	86	6746.05	15	5	81
Apr 2006	94	91	17	108	108	0	108	6746.05	15	30	78
May 2006	269	69	47	116	116	0	116	6746.05	15	55	61
Jun 2006	340	56	56	112	112	0	112	6746.05	15	60	52
Jul 2006	150	93	23	116	116	0	116	6746.05	15	65	51
Aug 2006	74	103	13	116	116	0	116	6746.05	15	65	51
Sep 2006	44	103	9	112	112	0	112	6746.05	15	55	57
WY 2006	1177	955	198	1152	1153	0	1153			365	787

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Vallecito Reservoir

	Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
* Oct 2003	6	4	7625.86	38
H Nov 2003	6	0	7629.25	43
I Dec 2003	5	0	7631.78	48
S Jan 2004	5	0	7634.30	53
T Feb 2004	4	0	7636.34	57
O Mar 2004	16	0	7643.57	72
R Apr 2004	25	7	7651.11	90
I May 2004	73	44	7662.38	118
C Jun 2004	51	49	7663.00	120
A Jul 2004	20	42	7654.40	98
L Aug 2004	9	38	7642.16	69
* Sep 2004	23	26	7640.41	65
WY 2004	243	210		
Oct 2004	5	13	7636.56	57
Nov 2004	3	0	7637.86	60
Dec 2004	3	0	7638.89	62
Jan 2005	3	0	7640.05	65
Feb 2005	3	0	7641.32	67
Mar 2005	6	0	7644.02	73
Apr 2005	16	7	7648.10	83
May 2005	52	43	7652.02	92
Jun 2005	64	42	7660.75	114
Jul 2005	27	43	7654.56	98
Aug 2005	15	43	7642.81	71
Sep 2005	13	35	7631.89	48
WY 2005	210	226		
Oct 2005	13	12	7632.21	49
Nov 2005	8	0	7636.23	57
Dec 2005	5	0	7638.70	62
Jan 2006	5	0	7640.65	66
Feb 2006	5	0	7642.56	70
Mar 2006	7	0	7645.61	77
Apr 2006	19	12	7648.57	84
May 2006	60	46	7654.44	98
Jun 2006	74	48	7664.34	124
Jul 2006	32	48	7658.10	107
Aug 2006	17	43	7647.59	81
Sep 2006	14	35	7638.28	61
WY 2006	259	244		

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Navajo Reservoir

	Mod_Unreg Inflow 1000 Ac-Ft	Azetea Tunnel_Div 1000 Ac-Ft	Reg Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	NIIP Diversion 1000 ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Farm Flow 1000 Ac-Ft
* Oct 2003	14	0	12	1	7	27	5996.50	711	49
H Nov 2003	24	0	18	1	0	16	5996.73	713	51
I Dec 2003	18	0	13	0	0	16	5996.36	710	78
S Jan 2004	17	0	13	0	0	16	5995.94	707	60
T Feb 2004	24	0	20	1	1	15	5996.45	711	33
O Mar 2004	120	12	94	1	4	16	6005.51	784	58
R Apr 2004	152	15	119	2	11	21	6015.33	869	98
I May 2004	225	30	168	3	28	22	6027.58	984	155
C Jun 2004	133	20	109	3	40	22	6031.96	1028	115
A Jul 2004	22	2	40	3	39	33	6028.39	992	48
L Aug 2004	-2	0	26	3	39	45	6022.11	932	41
* Sep 2004	58	2	61	2	19	36	6022.48	935	67
WY 2004	805	81	693	20	188	285			853
Oct 2004	12	1	19	1	15	22	6020.38	915	22
Nov 2004	10	0	7	0	1	16	6019.22	905	16
Dec 2004	9	0	7	0	0	15	6018.23	895	15
Jan 2005	11	0	9	0	0	15	6017.44	888	15
Feb 2005	20	0	17	0	0	14	6017.77	891	14
Mar 2005	70	1	63	1	5	17	6022.19	932	17
Apr 2005	132	14	108	2	24	21	6028.60	995	21
May 2005	215	31	175	2	30	51	6037.40	1085	51
Jun 2005	201	32	147	3	43	115	6036.04	1071	115
Jul 2005	66	9	73	3	48	37	6034.53	1055	37
Aug 2005	35	3	60	2	43	50	6031.15	1020	50
Sep 2005	31	1	52	2	19	29	6031.35	1022	29
WY 2005	812	92	737	16	228	402			402
Oct 2005	40	1	38	1	12	22	6031.74	1026	22
Nov 2005	32	0	24	1	1	16	6032.39	1033	16
Dec 2005	23	0	18	0	0	15	6032.62	1035	15
Jan 2006	21	0	17	0	0	16	6032.67	1036	16
Feb 2006	28	0	24	0	0	17	6033.29	1042	17
Mar 2006	80	1	72	1	5	20	6037.75	1089	20
Apr 2006	153	14	132	2	24	34	6044.40	1161	34
May 2006	248	31	203	3	31	85	6051.69	1246	85
Jun 2006	231	32	173	3	43	147	6050.01	1226	147
Jul 2006	76	9	83	4	48	31	6050.04	1226	31
Aug 2006	41	3	64	3	43	31	6048.98	1214	31
Sep 2006	36	1	56	2	19	30	6049.38	1218	30
WY 2006	1009	92	904	20	226	464			464

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Lake Powell

	Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Bank Storage 1000 Ac-Ft	EOM Storage 1000 Ac-Ft	Lees Ferry 1000 Ac-Ft
* Oct 2003	293	364	27	490	0	490	3601.93	18978	11935	495
H Nov 2003	337	348	23	475	0	475	3600.48	18968	11796	485
I Dec 2003	289	305	20	602	0	602	3597.22	18960	11487	610
S Jan 2004	288	305	13	789	0	789	3591.80	18966	10984	802
T Feb 2004	244	253	14	743	0	743	3586.84	18910	10537	759
O Mar 2004	539	417	11	805	0	805	3582.78	18867	10180	815
R Apr 2004	817	609	18	649	1	648	3582.93	18797	10193	653
I May 2004	1181	972	24	596	0	596	3587.17	18776	10566	601
C Jun 2004	1096	835	35	802	0	802	3586.16	18832	10476	809
A Jul 2004	546	468	36	900	0	900	3579.70	18927	9914	909
L Aug 2004	176	303	39	896	0	896	3572.10	18931	9278	904
* Sep 2004	322	414	36	484	0	484	3570.77	18933	9169	487
WY 2004	6128	5593	296	8231	1	8230				8329
Oct 2004	350	414	30	492	0	492	3569.53	18925	9069	492
Nov 2004	350	361	25	476	0	476	3567.91	18915	8939	476
Dec 2004	300	321	21	492	0	492	3565.67	18900	8762	492
Jan 2005	290	306	15	850	0	850	3558.96	18859	8244	850
Feb 2005	315	310	14	650	0	650	3554.57	18833	7917	650
Mar 2005	517	433	17	600	0	600	3552.24	18819	7746	600
Apr 2005	769	613	19	600	0	600	3552.15	18819	7740	600
May 2005	1797	1453	27	650	0	650	3561.78	18876	8459	650
Jun 2005	2403	2016	33	800	0	800	3575.45	18964	9554	800
Jul 2005	1215	1095	39	910	0	910	3577.06	18975	9690	910
Aug 2005	478	574	40	910	0	910	3572.88	18947	9342	910
Sep 2005	371	474	34	800	0	800	3568.78	18920	9009	800
WY 2005	9155	8370	314	8230	0	8230				8230
Oct 2005	502	548	30	600	0	600	3567.84	18914	8934	600
Nov 2005	496	517	25	600	0	600	3566.58	18906	8834	600
Dec 2005	396	471	20	800	0	800	3562.44	18880	8510	800
Jan 2006	365	444	15	800	0	800	3557.93	18853	8166	800
Feb 2006	379	435	14	600	0	600	3555.71	18840	8001	600
Mar 2006	597	597	17	600	0	600	3555.46	18838	7983	600
Apr 2006	887	786	20	600	0	600	3557.52	18850	8136	600
May 2006	2074	1709	28	600	0	600	3570.37	18930	9137	600
Jun 2006	2773	2315	35	650	0	650	3588.06	19051	10646	650
Jul 2006	1402	1208	42	850	0	850	3591.30	19075	10939	850
Aug 2006	552	594	43	900	0	900	3587.72	19049	10615	900
Sep 2006	428	523	37	630	0	630	3586.22	19038	10482	630
WY 2006	10851	10147	326	8230	0	8230				8230

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Hoover Dam - Lake Mead

	Glen Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	SNWP Use 1000 Ac-Ft	Dwnstrm Reqmnts 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
* Oct 2003	490	21	54	539	8.8	26	537	1009	1141.17	15517
H Nov 2003	475	46	54	637	10.7	20	635	997	1139.48	15337
I Dec 2003	602	46	47	623	10.1	19	621	994	1139.12	15300
S Jan 2004	789	40	38	633	10.3	15	635	1003	1140.39	15434
T Feb 2004	743	77	35	806	14.0	10	790	1001	1140.11	15404
O Mar 2004	805	40	39	946	15.4	19	942	992	1138.70	15255
R Apr 2004	648	55	48	1049	17.6	21	1033	966	1134.98	14866
I May 2004	596	43	54	1124	18.3	37	1121	931	1129.70	14324
C Jun 2004	802	-8	65	995	16.7	32	994	913	1126.93	14044
A Jul 2004	900	38	80	952	15.5	34	951	905	1125.73	13924
L Aug 2004	896	82	85	763	12.4	29	763	911	1126.67	14018
* Sep 2004	484	91	70	568	9.5	23	566	906	1125.86	13937
WY 2004	8230	571	669	9635		285	9587			
Oct 2004	492	43	51	361	5.9	25	361	912	1126.77	14028
Nov 2004	476	39	51	652	11.0	19	652	899	1124.83	13834
Dec 2004	492	52	44	547	8.9	16	547	895	1124.23	13774
Jan 2005	850	65	36	691	11.2	12	691	906	1125.89	13940
Feb 2005	650	67	33	720	13.0	11	720	903	1125.45	13896
Mar 2005	600	59	37	974	15.8	19	974	881	1121.94	13548
Apr 2005	600	14	45	1116	18.8	24	1116	846	1116.40	13012
May 2005	650	29	50	1030	16.8	30	1030	819	1112.14	12606
Jun 2005	800	17	60	894	15.0	30	894	809	1110.47	12449
Jul 2005	910	49	75	871	14.2	30	871	808	1110.29	12433
Aug 2005	910	96	80	800	13.0	30	800	814	1111.26	12524
Sep 2005	800	104	66	590	9.9	28	590	827	1113.44	12730
WY 2005	8230	634	628	9246		274	9249			
Oct 2005	600	43	48	427	6.9	28	427	836	1114.82	12861
Nov 2005	600	39	49	633	10.6	20	633	832	1114.20	12802
Dec 2005	800	52	42	612	10.0	18	612	843	1115.97	12971
Jan 2006	800	65	35	690	11.2	12	690	851	1117.23	13092
Feb 2006	600	67	32	689	12.4	11	689	847	1116.59	13031
Mar 2006	600	59	35	989	16.1	19	989	824	1112.81	12670
Apr 2006	600	14	43	1124	18.9	24	1124	788	1107.02	12129
May 2006	600	29	48	1032	16.8	30	1032	759	1102.07	11677
Jun 2006	650	17	57	900	15.1	30	900	739	1098.71	11376
Jul 2006	850	49	71	873	14.2	30	873	735	1097.92	11306
Aug 2006	900	96	76	807	13.1	30	807	740	1098.80	11384
Sep 2006	630	104	62	591	9.9	28	591	743	1099.36	11433
WY 2006	8230	634	598	9367		280	9367			

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Davis Dam - Lake Mohave

	Hoover Release 1000 Ac-Ft	Side inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Spill Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
* Oct 2003	539	-7	706	0	706	11.5	634.31	1468
H Nov 2003	637	-11	568	0	568	9.5	636.53	1526
I Dec 2003	623	-18	540	0	540	8.8	638.98	1590
S Jan 2004	633	-20	580	0	580	9.4	640.22	1623
T Feb 2004	806	-17	695	0	695	12.1	643.62	1716
O Mar 2004	946	-25	958	0	958	15.6	642.21	1677
R Apr 2004	1049	-12	1033	0	1033	17.4	642.33	1680
I May 2004	1124	-44	1032	0	1032	16.8	644.09	1729
C Jun 2004	995	-24	1003	0	1003	16.8	642.91	1696
A Jul 2004	952	-24	918	0	918	14.9	643.29	1707
L Aug 2004	763	-26	740	0	740	12.0	643.20	1704
* Sep 2004	568	-13	653	0	653	11.0	639.54	1605
WY 2004	9635	-241	9426	0	9426			
Oct 2004	361	-4	528	0	528	8.6	633.00	1435
Nov 2004	652	-10	565	0	565	9.5	636.00	1512
Dec 2004	547	-22	454	0	454	7.4	638.71	1583
Jan 2005	691	-17	590	0	590	9.6	641.80	1666
Feb 2005	720	-18	669	0	669	12.1	643.01	1699
Mar 2005	974	-31	942	0	942	15.3	643.01	1699
Apr 2005	1116	-33	1083	0	1083	18.2	643.01	1699
May 2005	1030	-29	1000	0	1000	16.3	643.01	1699
Jun 2005	894	-28	893	0	893	15.0	642.00	1671
Jul 2005	871	-30	854	0	854	13.9	641.50	1658
Aug 2005	800	-30	769	0	769	12.5	641.50	1658
Sep 2005	590	-17	667	0	667	11.2	638.00	1564
WY 2005	9246	-269	9014	0	9014			
Oct 2005	427	-6	613	0	613	10.0	630.49	1371
Nov 2005	633	-13	530	0	530	8.9	634.00	1460
Dec 2005	612	-26	463	0	463	7.5	638.71	1583
Jan 2006	690	-17	589	0	589	9.6	641.80	1666
Feb 2006	689	-18	671	0	671	12.1	641.80	1666
Mar 2006	989	-31	936	0	936	15.2	642.60	1688
Apr 2006	1124	-33	1079	0	1079	18.1	643.01	1699
May 2006	1032	-29	1002	0	1002	16.3	643.01	1699
Jun 2006	900	-28	899	0	899	15.1	642.00	1671
Jul 2006	873	-30	856	0	856	13.9	641.50	1658
Aug 2006	807	-30	776	0	776	12.6	641.50	1658
Sep 2006	591	-17	667	0	667	11.2	638.00	1564
WY 2006	9367	-278	9081	0	9081			

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Parker Dam - Lake Havasu

		Davis Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	MWD Diversion 1000 Ac-Ft	CAP diversion 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft	Flow_to Mexico 1000 Ac-Ft	Flow_to Mexico 1000 CFS
*	Oct 2003	706	-9	509	8.3	60	125	447.20	565	73	1.2
H	Nov 2003	568	6	336	5.7	67	175	446.96	560	100	1.7
I	Dec 2003	540	9	347	5.6	75	171	444.52	516	121	2.0
S	Jan 2004	580	-4	333	5.4	60	188	444.21	511	129	2.1
T	Feb 2004	695	1	418	7.3	58	175	446.75	557	169	2.9
O	Mar 2004	958	-12	724	11.8	57	186	445.64	536	202	3.3
R	Apr 2004	1033	-6	751	12.6	71	181	446.84	558	212	3.6
I	May 2004	1032	-16	734	11.9	68	188	448.14	583	112	1.8
C	Jun 2004	1003	-24	739	12.4	69	165	448.39	587	109	1.8
A	Jul 2004	918	-23	731	11.9	52	104	448.77	595	121	2.0
L	Aug 2004	740	-17	654	10.6	43	45	447.70	574	98	1.6
*	Sep 2004	653	-1	525	8.8	42	70	448.47	589	89	1.5
	WY 2004	9426	-96	6801		722	1773			1535	
	Oct 2004	528	-4	516	8.4	43	5	446.30	548	74	1.2
	Nov 2004	565	3	381	6.4	18	155	447.00	561	99	1.7
	Dec 2004	454	12	325	5.3	46	117	445.80	539	119	1.9
	Jan 2005	590	12	357	5.8	59	186	445.80	539	130	2.1
	Feb 2005	669	0	467	8.4	33	168	445.80	539	155	2.8
	Mar 2005	942	-8	669	10.9	62	187	446.70	555	200	3.3
	Apr 2005	1083	-8	796	13.4	60	181	448.71	594	193	3.2
	May 2005	1000	0	740	12.0	62	180	449.60	611	109	1.8
	Jun 2005	893	-13	733	12.3	30	116	449.60	611	111	1.9
	Jul 2005	854	-7	763	12.4	31	83	448.00	580	121	2.0
	Aug 2005	769	-2	665	10.8	31	80	447.50	570	100	1.6
	Sep 2005	667	-6	559	9.4	30	84	446.81	557	90	1.5
	WY 2005	9014	-21	6971		505	1542			1501	
	Oct 2005	613	-4	484	7.9	31	103	446.29	548	72	1.2
	Nov 2005	530	3	375	6.3	41	123	446.00	543	99	1.7
	Dec 2005	463	12	320	5.2	42	117	445.80	539	119	1.9
	Jan 2006	589	12	356	5.8	59	186	445.80	539	130	2.1
	Feb 2006	671	0	466	8.4	33	168	446.00	543	155	2.8
	Mar 2006	936	-8	667	10.8	62	186	446.70	555	200	3.3
	Apr 2006	1079	-8	793	13.3	60	180	448.71	594	193	3.2
	May 2006	1002	0	737	12.0	62	185	449.60	611	109	1.8
	Jun 2006	899	-13	730	12.3	30	125	449.60	611	111	1.9
	Jul 2006	856	-7	760	12.4	31	88	448.00	580	121	2.0
	Aug 2006	776	-2	662	10.8	31	90	447.50	570	100	1.6
	Sep 2006	667	-6	556	9.3	30	87	446.81	557	90359	1518.5
	WY 2006	9081	-21	6906		512	1638			91768	

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Hoover Dam - Lake Mead

	Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Hoover Static Head Feet	Hoover Generator Capacity MW	Hoover Gross Energy MKWH	Percent Of Units Available	KWH/AF
* Oct 2003	539	8.8	1141.17	15517	-101	0.00	1490.0	225.4	81	418.5
H Nov 2003	637	10.7	1139.48	15337	-178	0.00	1233.0	272.5	67	427.7
I Dec 2003	623	10.1	1139.12	15300	-38	0.00	1141.0	266.0	62	426.8
S Jan 2004	633	10.3	1140.39	15434	134	0.00	1141.0	270.3	62	426.9
T Feb 2004	806	14.0	1140.11	15404	-29	0.00	1251.0	349.0	68	433.3
O Mar 2004	946	15.4	1138.70	15255	-149	0.00	1270.0	391.6	69	414.1
R Apr 2004	1049	17.6	1134.98	14866	-389	0.00	1194.0	450.9	69	429.9
I May 2004	1124	18.3	1129.70	14324	-542	0.00	1767.0	474.0	100	421.6
C Jun 2004	995	16.7	1126.93	14044	-280	0.00	1731.0	410.2	100	412.2
A Jul 2004	952	15.5	1125.73	13924	-120	0.00	1731.0	388.3	100	407.6
L Aug 2004	763	12.4	1126.67	14018	94	0.00	1731.0	305.8	100	400.6
* Sep 2004	568	9.5	1125.86	13937	-81	0.00	1731.0	221.5	100	390.1
WY 2004	9635							4025.4		
Oct 2004	361	5.9	1126.77	14028	91	479.02	1298.2	144.5	75	399.8
Nov 2004	652	11.0	1124.83	13834	-194	480.99	1194.4	276.9	69	424.8
Dec 2004	547	8.9	1124.23	13774	-59	477.85	1194.4	227.3	69	415.2
Jan 2005	691	11.2	1125.89	13940	165	475.70	1315.6	290.9	76	420.8
Feb 2005	720	13.0	1125.45	13896	-44	474.90	1315.6	308.9	76	428.8
Mar 2005	974	15.8	1121.94	13548	-348	472.10	1384.8	417.4	80	428.6
Apr 2005	1116	18.8	1116.40	13012	-536	466.82	1506.0	475.6	87	426.0
May 2005	1030	16.8	1112.14	12606	-405	460.52	1731.0	422.6	100	410.4
Jun 2005	894	15.0	1110.47	12449	-157	457.90	1731.0	366.1	100	409.6
Jul 2005	871	14.2	1110.29	12433	-16	457.48	1731.0	361.7	100	415.0
Aug 2005	800	13.0	1111.26	12524	90	458.04	1731.0	329.2	100	411.3
Sep 2005	590	9.9	1113.44	12730	206	460.74	1731.0	239.2	100	405.1
WY 2005	9249							3860.3		
Oct 2005	427	6.9	1114.82	12861	131	465.40	1609.8	171.5	93	401.7
Nov 2005	633	10.6	1114.20	12802	-59	470.33	1280.9	261.8	74	413.7
Dec 2005	612	10.0	1115.97	12971	169	468.54	1280.9	254.1	74	414.9
Jan 2006	690	11.2	1117.23	13092	121	467.50	1280.9	286.4	74	415.1
Feb 2006	689	12.4	1116.59	13031	-61	466.80	1280.9	290.0	74	420.6
Mar 2006	989	16.1	1112.81	12670	-360	463.68	1384.8	411.2	80	415.9
Apr 2006	1124	18.9	1107.02	12129	-542	457.75	1506.0	470.7	87	418.8
May 2006	1032	16.8	1102.07	11677	-452	450.86	1731.0	415.4	100	402.6
Jun 2006	900	15.1	1098.71	11376	-301	447.07	1731.0	361.0	100	401.1
Jul 2006	873	14.2	1097.92	11306	-70	445.50	1731.0	353.8	100	405.2
Aug 2006	807	13.1	1098.80	11384	78	445.71	1731.0	324.4	100	401.9
Sep 2006	591	9.9	1099.36	11433	49	447.56	1731.0	233.6	100	395.3
WY 2006	9367							3833.7		

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Davis Dam - Lake Mohave

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Davis Static Head Feet	Davis Generator Capacity MW	Davis Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Oct 2003	706	11.5	634.31	1468	-175	0.00	204.0	84.7	80	120.0
H	Nov 2003	568	9.5	636.53	1526	58	0.00	196.0	67.9	77	119.5
I	Dec 2003	540	8.8	638.98	1590	65	0.00	173.0	65.3	68	120.9
S	Jan 2004	580	9.4	640.22	1623	33	0.00	163.0	72.2	64	124.6
T	Feb 2004	695	12.1	643.62	1716	92	0.00	189.0	86.8	74	124.8
O	Mar 2004	958	15.6	642.21	1677	-38	0.00	209.0	121.6	82	126.9
R	Apr 2004	1033	17.4	642.33	1680	3	0.00	255.0	128.5	100	124.4
I	May 2004	1032	16.8	644.09	1729	48	0.00	255.0	130.0	100	126.0
C	Jun 2004	1003	16.8	642.91	1696	-32	0.00	255.0	119.7	100	119.4
A	Jul 2004	918	14.9	643.29	1707	10	0.00	255.0	114.1	100	124.3
L	Aug 2004	740	12.0	643.20	1704	-2	0.00	255.0	92.3	100	124.7
*	Sep 2004	653	11.0	639.54	1605	-99	0.00	255.0	81.2	100	124.2
	WY 2004	9425							1164.1		
	Oct 2004	528	8.6	633.00	1435	-171	130.45	204.0	64.1	80	121.5
	Nov 2004	565	9.5	636.00	1512	77	128.84	196.3	67.5	77	119.5
	Dec 2004	454	7.4	638.71	1583	71	132.59	173.4	55.8	68	122.9
	Jan 2005	590	9.6	641.80	1666	83	135.97	163.2	73.6	64	124.7
	Feb 2005	669	12.1	643.01	1699	33	137.30	188.7	84.1	74	125.7
	Mar 2005	942	15.3	643.01	1699	0	137.29	209.1	118.0	82	125.2
	Apr 2005	1083	18.2	643.01	1699	0	136.05	255.0	134.6	100	124.3
	May 2005	1000	16.3	643.01	1699	0	136.05	255.0	125.0	100	124.9
	Jun 2005	893	15.0	642.00	1671	-28	135.52	255.0	111.5	100	124.8
	Jul 2005	854	13.9	641.50	1658	-14	134.73	255.0	106.3	100	124.5
	Aug 2005	769	12.5	641.50	1658	0	134.46	255.0	96.0	100	124.7
	Sep 2005	667	11.2	638.00	1564	-94	132.63	255.0	82.4	100	123.6
	WY 2005	9015							1118.8		
	Oct 2005	613	10.0	630.49	1371	-193	128.32	204.0	73.1	80	119.1
	Nov 2005	530	8.9	634.00	1460	89	126.46	196.3	62.4	77	117.7
	Dec 2005	463	7.5	638.71	1583	123	131.54	173.4	56.5	68	122.0
	Jan 2006	589	9.6	641.80	1666	83	135.97	163.2	73.4	64	124.7
	Feb 2006	671	12.1	641.80	1666	0	136.69	188.7	84.0	74	125.1
	Mar 2006	936	15.2	642.60	1688	22	136.48	209.1	116.5	82	124.5
	Apr 2006	1079	18.1	643.01	1699	11	135.84	255.0	134.0	100	124.2
	May 2006	1002	16.3	643.01	1699	0	136.05	255.0	125.2	100	124.9
	Jun 2006	899	15.1	642.00	1671	-28	135.52	255.0	112.2	100	124.8
	Jul 2006	856	13.9	641.50	1658	-14	134.73	255.0	106.5	100	124.5
	Aug 2006	776	12.6	641.50	1658	0	134.46	255.0	96.8	100	124.7
	Sep 2006	667	11.2	638.00	1564	-94	132.63	255.0	-2222848303667329392182371198372413440	100	-3332496556238236853146397509911838720
	WY 2006	9082							-2222848303667329392182371198372413440		

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Parker Dam - Lake Havasu

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Parker Static Head Feet	Parker Generator Capacity MW	Parker Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Oct 2003	509	8.3	447.20	565	3	0.00	92.0	34.6	77	68.0
H	Nov 2003	336	5.7	446.96	560	-5	0.00	94.0	22.9	78	68.0
I	Dec 2003	347	5.6	444.52	516	-44	0.00	103.0	23.1	86	66.5
S	Jan 2004	333	5.4	444.21	511	-6	0.00	120.0	21.6	100	64.9
T	Feb 2004	418	7.3	446.75	557	46	0.00	120.0	28.0	100	66.9
O	Mar 2004	724	11.8	445.64	536	-20	0.00	120.0	48.7	100	67.3
R	Apr 2004	751	12.6	446.84	558	3	0.00	120.0	50.2	100	66.9
I	May 2004	734	11.9	448.14	583	24	0.00	120.0	50.3	100	68.5
C	Jun 2004	739	12.4	448.39	587	5	0.00	120.0	49.5	100	67.0
A	Jul 2004	731	11.9	448.77	595	7	0.00	120.0	49.4	100	67.6
L	Aug 2004	654	10.6	447.70	574	-20	0.00	120.0	44.3	100	67.7
*	Sep 2004	525	8.8	448.47	589	15	0.00	120.0	35.7	100	68.0
	WY 2004	6802							458.3		
	Oct 2004	516	8.4	446.30	548	-41	76.18	90.0	34.1	75	66.2
	Nov 2004	381	6.4	447.00	561	13	75.47	90.0	24.7	75	64.8
	Dec 2004	325	5.3	445.80	539	-22	75.22	90.0	20.8	75	63.9
	Jan 2005	357	5.8	445.80	539	0	74.64	90.0	22.8	75	63.9
	Feb 2005	467	8.4	445.80	539	0	74.64	90.0	30.4	75	65.0
	Mar 2005	669	10.9	446.70	555	16	75.08	90.0	44.1	75	66.0
	Apr 2005	796	13.4	448.71	594	38	75.09	120.0	52.5	100	66.0
	May 2005	740	12.0	449.60	611	18	76.49	120.0	49.5	100	66.9
	Jun 2005	733	12.3	449.60	611	0	76.93	120.0	49.3	100	67.3
	Jul 2005	763	12.4	448.00	580	-31	76.15	120.0	50.9	100	66.7
	Aug 2005	665	10.8	447.50	570	-10	75.13	120.0	43.7	100	65.7
	Sep 2005	559	9.4	446.81	557	-13	74.86	112.8	36.4	94	65.2
	WY 2005	6971							459.3		
	Oct 2005	484	7.9	446.29	548	-9	75.24	92.4	31.6	77	65.3
	Nov 2005	375	6.3	446.00	543	-5	74.79	93.6	24.1	78	64.2
	Dec 2005	320	5.2	445.80	539	-4	74.07	103.2	20.2	86	63.0
	Jan 2006	356	5.8	445.80	539	0	74.64	90.0	22.7	75	63.9
	Feb 2006	466	8.4	446.00	543	4	74.74	90.0	30.3	75	65.1
	Mar 2006	667	10.8	446.70	555	13	75.17	90.0	44.0	75	66.0
	Apr 2006	793	13.3	448.71	594	38	75.09	120.0	52.3	100	66.0
	May 2006	737	12.0	449.60	611	18	76.49	120.0	49.3	100	66.9
	Jun 2006	730	12.3	449.60	611	0	76.93	120.0	49.1	100	67.3
	Jul 2006	760	12.4	448.00	580	-31	76.15	120.0	50.7	100	66.7
	Aug 2006	662	10.8	447.50	570	-10	75.13	120.0	43.5	100	65.7
	Sep 2006	556	9.3	446.81	557	-13	74.86	112.8	36.3	94	65.2
	WY 2006	6905							454.1		

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Upper Basin Power

	Glen Canyon 1000 MWHR	Flam Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Res 1000 MWHR	Font Res 1000 MWHR
* Oct 2003	206	17	13	18	8	2
H Nov 2003	198	17	4	6	0	3
I Dec 2003	251	22	4	5	1	3
S Jan 2004	325	17	4	6	0	3
T Feb 2004	304	16	5	5	0	3
O Mar 2004	312	18	3	6	0	3
Winter 2004	1596	106	32	46	8	17
R Apr 2004	263	17	8	14	4	7
I May 2004	239	37	9	16	0	4
C Jun 2004	324	20	16	22	0	5
A Jul 2004	360	20	28	34	0	8
L Aug 2004	354	21	28	33	0	7
* Sep 2004	188	20	24	31	0	2
Summer 2004	1729	135	112	150	4	33
Oct 2004	181	18	15	19	11	5
Nov 2004	175	17	4	6	4	5
Dec 2004	180	17	4	6	4	5
Jan 2005	307	17	4	6	4	4
Feb 2005	231	16	4	6	4	4
Mar 2005	212	17	7	10	7	4
Winter 2005	1285	103	40	54	34	28
Apr 2005	211	17	14	21	14	5
May 2005	231	44	12	23	20	6
Jun 2005	293	63	13	22	21	8
Jul 2005	340	25	29	35	22	10
Aug 2005	339	25	32	38	22	7
Sep 2005	295	24	31	36	21	6
Summer 2005	1709	198	131	174	118	43
Oct 2005	220	25	23	28	16	6
Nov 2005	219	24	15	19	11	6
Dec 2005	290	25	22	27	15	6
Jan 2006	287	25	23	29	16	5
Feb 2006	214	22	21	27	15	5
Mar 2006	213	39	21	28	16	5
Winter 2006	1443	159	125	158	89	33
Apr 2006	213	39	23	33	20	5
May 2006	217	59	12	25	22	6
Jun 2006	244	74	11	20	21	8
Jul 2006	327	22	27	34	22	10
Aug 2006	346	22	32	37	22	7
Sep 2006	241	27	31	37	21	6
Summer 2006	1590	243	136	186	128	41

model_run_id = 1423

F L O O D C O N T R O L C R I T E R I A
B E G I N N I N G O F M O N T H C O N D I T I O N S

MON	YEAR	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	LAKE POWELL KAF	UPPER BASIN TOTAL KAF	LAKE MEAD KAF	TOTAL KAF	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	TOT OR MAX ALLOW KAF	LAKE POWELL KAF	LAKE MEAD KAF	TOTAL KAF	BOM SPACE REQD KAF	MEAD SCHED REL KAF	MEAD FC REL MAF	SYS CONT
		* * * * P R E D I C T E D S P A C E * * * *							* * * * C R E D I T A B L E S P A C E * * * *									
OCT	2004	1127	322	761	15151	17360	13443	30803	1127	322	761	2210	15151	13443	30803	3040	361	0	29.6
NOV	2004	1143	349	781	15251	17523	13352	30875	1143	349	781	2272	15251	13352	30875	3810	652	0	29.4
DEC	2004	1159	340	791	15381	17671	13546	31217	1159	340	791	2290	15381	13546	31217	4580	547	0	29.2
JAN	2005	1180	336	801	15558	17875	13606	31481	1180	336	801	2317	15558	13606	31481	5350	691	0	28.9
									* * * * E F F E C T I V E S P A C E * * * *									
JAN	2005	1180	336	801	15558	17875	13606	31481	527	336	321	1184	15558	13606	30348	5350	691	0	28.9
FEB	2005	1198	333	808	16076	18415	13440	31855	542	333	328	1203	16076	13440	30719	1500	720	0	28.5
MAR	2005	1206	330	805	16403	18744	13484	32229	547	330	324	1202	16403	13484	31089	1500	974	0	28.1
APR	2005	1177	329	764	16574	18843	13832	32676	512	329	278	1119	16574	13832	31524	1500	1116	0	27.7
MAY	2005	1113	321	701	16580	18715	14368	33084	438	321	190	950	16580	14368	31898	1500	1030	0	28.4
JUN	2005	1012	205	611	15861	17688	14774	32462	325	199	67	591	15861	14774	31226	1500	894	0	29.6
JUL	2005	836	40	625	14766	16267	14931	31198	134	14	36	184	14766	14931	29880	1500	871	0	29.8
									* * * * C R E D I T A B L E S P A C E * * * *									
AUG	2005	719	27	641	14630	16018	14947	30964	719	27	641	1388	14630	14947	30964	1500	800	0	29.5
SEP	2005	715	71	676	14978	16440	14856	31296	715	71	676	1462	14978	14856	31296	2270	590	0	29.1
OCT	2005	740	132	674	15311	16856	14650	31507	740	132	674	1546	15311	14650	31507	3040	427	0	28.9
NOV	2005	755	174	670	15386	16985	14519	31504	755	174	670	1598	15386	14519	31504	3810	633	0	28.8
DEC	2005	773	196	663	15486	17119	14578	31697	773	196	663	1633	15486	14578	31697	4580	612	0	28.7
JAN	2006	808	248	661	15810	17527	14409	31936	808	248	661	1717	15810	14409	31936	5350	690	0	28.5
									* * * * E F F E C T I V E S P A C E * * * *									
JAN	2006	808	248	661	15810	17527	14409	31936	484	248	354	1086	15810	14409	31305	5350	690	0	28.5
FEB	2006	837	306	660	16154	17958	14288	32246	511	306	353	1170	16154	14288	31612	1500	689	0	28.2
MAR	2006	857	358	654	16319	18188	14349	32537	527	357	346	1230	16319	14349	31899	1500	989	0	27.8
APR	2006	873	401	607	16337	18219	14710	32928	538	401	294	1233	16337	14710	32280	1500	1124	0	27.6

MAY 2006	847	409	535	16184	17975	15251	33226	504	409	196	1109	16184	15251	32544	1500	1032
0 28.5																
JUN 2006	749	264	450	15183	16646	15703	32349	393	262	78	733	15183	15703	31620	1500	900
0 30.1																
JUL 2006	546	60	470	13674	14750	16004	30754	172	34	52	258	13674	16004	29936	1500	873
0 30.4																
										* * * * C R E D I T A B L E		S P A C E * * * *				
AUG 2006	393	27	470	13381	14271	16074	30346	393	27	470	890	13381	16074	30346	1500	807
0 30.2																
SEP 2006	370	59	482	13705	14617	15996	30613	370	59	482	912	13705	15996	30613	2270	591
0 29.9																

To: All Annual Operating Plan Recipients

From: Lower Colorado Region
River Operations Group
Attention: BCOO4600
P.O. Box 61470
Boulder City, NV 89006-1470
Phone: 702-293-8190

This operation study reflects the 2004 Annual Operating Plan (AOP) as signed by the Secretary of Interior. The Partial Domestic Surplus condition is the criterion governing the operation of Lake Mead for calendar year 2004. A copy of the 2004 AOP can be obtained by contacting Lorraine Siano, (702)293-8539 or visit our website at www.usbr.gov/lc/region/lcrivops.html.

In this study, the Calendar Year (CY) 2004 diversion for Metropolitan Water District of Southern California (MWD) was assumed to be 0.696 million acre-feet (maf), resulting in total California use of 4.362 maf for the year (4.4 maf less paybacks). The CY 2004 diversion for the Central Arizona Project (CAP) was assumed to be 1.612 maf, resulting in total Arizona use of 2.8 (maf) for the year. Consumptive use for Nevada above Hoover was assumed to be 0.280 maf for CY 2004.

Lake Mead's elevation is projected to be 1125.19 feet at the end of calendar year 2004. Based on this projection and the Interim Surplus Guidelines, we are assuming that the Normal condition will govern the operation of Lake Mead for 2005 and therefore normal diversion and use schedules for CY 2005 were used in this study. The actual determination of the criterion governing the operation of Lake Mead for CY 2005 will be made by the Secretary of the Interior in the 2005 Annual Operating Plan.

Lake Mead's elevation is projected to be 1117.35 feet at the end of calendar year 2005. Based on this projection, we are also assuming normal diversion and use schedules for calendar year 2006.

As of 6/17/04, due to the current elevation of Lake Mead, Hoover's generating plant effective capacity has been changed to 1731 MW. Unit capacity tests will be performed as lake elevation decreases in 2' increments. Davis generating plant effective capacity has changed to 255 MW. This study reflects these changes in the projections.

Current runoff projections into Lake Powell are provided by the National Weather Service, Colorado Basin River Forecast Center and are as follows: observed unregulated inflow into Lake Powell for the month of October was .505 maf or 92% of the 30 year average. The forecast for the month of November unregulated inflow into Lake Powell is .450 maf or 83% of the 30 year average. The actual April through July unregulated inflow for water year 2004 is 3.640 maf or 46% of average. Unregulated inflow into Lake Powell for water year 2005 is assumed to be 81% of average.

Hoover, Davis, and Parker historical gross energy figures come from form PO&M from the Power and O&M Group, Boulder Canyon Operations, Bureau of Reclamation, Boulder City, Nevada. Questions regarding these historical numbers can be directed to Joe Donnelly, (702)293-8607.

(Note: lower basin previous months historical SNWS and flow to Mexico values are preliminary estimates.)

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Fontenelle Reservoir

	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
* Nov 2003	27	1	41	5	46	6488.45	218
H Dec 2003	28	1	46	0	46	6485.47	199
I Jan 2004	25	1	47	0	47	6481.72	176
S Feb 2004	23	1	43	0	43	6477.84	156
T Mar 2004	58	1	46	0	46	6479.97	167
O Apr 2004	66	1	44	0	44	6483.56	187
R May 2004	67	2	59	0	59	6484.57	193
I Jun 2004	182	2	60	0	60	6501.79	313
C Jul 2004	168	3	89	54	143	6504.73	336
A Aug 2004	56	2	76	7	83	6500.95	306
L Sep 2004	41	2	24	33	57	6498.57	288
WY 2004	768	18	604	116	720		
* Oct 2004	54	1	46	13	59	6497.76	282
Nov 2004	42	1	62	0	62	6494.88	262
Dec 2004	30	1	65	0	65	6489.58	226
Jan 2005	25	1	65	0	65	6483.23	185
Feb 2005	23	1	58	0	58	6476.67	150
Mar 2005	42	0	70	0	70	6470.49	121
Apr 2005	74	1	89	0	89	6466.70	106
May 2005	157	1	97	3	100	6479.01	161
Jun 2005	285	2	101	62	163	6497.64	281
Jul 2005	170	3	102	10	112	6504.88	337
Aug 2005	74	2	72	0	72	6504.84	336
Sep 2005	42	2	68	0	68	6501.26	309
WY 2005	1018	16	895	88	983		
Oct 2005	47	1	70	0	70	6498.04	284
Nov 2005	39	1	68	0	68	6493.90	255
Dec 2005	30	1	70	0	70	6487.81	214
Jan 2006	28	1	70	0	70	6480.80	171
Feb 2006	26	1	63	0	63	6473.33	134
Mar 2006	47	0	79	0	79	6465.62	101
Apr 2006	84	1	79	0	79	6466.76	106
May 2006	176	1	96	44	140	6474.82	141
Jun 2006	320	2	99	109	208	6493.35	251
Jul 2006	192	3	107	38	145	6499.52	295
Aug 2006	83	2	71	0	71	6500.81	305
Sep 2006	48	2	68	0	68	6497.90	283
WY 2006	1120	16	940	191	1131		
Oct 2006	52	1	70	0	70	6495.24	264

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Flaming Gorge Reservoir

	Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Yampa Flow 1000 Ac-Ft	Jensen Flow 1000 Ac-Ft
* Nov 2003	28	47	3	51	0	51	67	6009.17	2614	0	79
H Dec 2003	27	46	2	53	0	53	67	6008.91	2606	0	80
I Jan 2004	27	48	2	53	0	53	67	6008.73	2600	0	272
S Feb 2004	33	53	2	50	0	50	67	6008.77	2602	0	301
T Mar 2004	98	89	3	54	0	54	68	6009.71	2632	0	246
O Apr 2004	84	62	4	51	0	51	68	6009.90	2638	0	233
R May 2004	76	69	7	107	0	107	67	6008.57	2595	0	391
I Jun 2004	188	74	9	61	0	61	67	6008.69	2599	0	232
C Jul 2004	182	147	11	61	0	61	70	6010.91	2671	0	119
A Aug 2004	60	88	11	62	0	62	70	6011.37	2686	0	73
L Sep 2004	46	62	9	60	0	60	70	6011.15	2679	0	81
WY 2004	873	829	69	715	0	715					2174
* Oct 2004	68	74	6	51	0	51	71	6011.65	2695	0	103
Nov 2004	56	76	2	48	0	48	72	6012.41	2720	0	48
Dec 2004	40	75	2	49	0	49	72	6013.13	2744	0	49
Jan 2005	35	75	2	49	0	49	73	6013.84	2768	0	49
Feb 2005	39	74	2	44	0	44	74	6014.64	2795	0	44
Mar 2005	86	114	4	49	0	49	76	6016.39	2854	0	49
Apr 2005	126	141	7	48	0	48	79	6018.81	2938	0	48
May 2005	242	185	9	123	0	123	80	6020.25	2989	0	123
Jun 2005	376	254	12	176	0	176	82	6022.05	3053	0	176
Jul 2005	207	149	13	68	0	68	85	6023.87	3119	0	68
Aug 2005	86	84	10	68	0	68	85	6024.03	3124	0	68
Sep 2005	52	78	9	65	0	65	85	6024.15	3129	0	65
WY 2005	1413	1379	78	838	0	838					890
Oct 2005	59	82	5	68	0	68	85	6024.39	3138	0	68
Nov 2005	50	79	2	65	0	65	86	6024.70	3149	0	65
Dec 2005	36	76	2	68	0	68	86	6024.87	3155	0	68
Jan 2006	41	83	2	68	0	68	86	6025.21	3168	0	68
Feb 2006	45	82	2	61	0	61	87	6025.71	3186	0	61
Mar 2006	97	129	4	108	0	108	87	6026.14	3203	0	108
Apr 2006	141	136	7	107	0	107	88	6026.71	3224	0	107
May 2006	273	237	10	162	0	162	90	6028.38	3287	0	162
Jun 2006	423	311	13	202	0	202	93	6030.80	3380	0	202
Jul 2006	233	186	14	61	0	61	97	6033.53	3487	0	61
Aug 2006	97	85	11	61	0	61	97	6033.85	3500	0	61
Sep 2006	59	79	9	72	0	72	97	6033.80	3498	0	72
WY 2006	1554	1565	81	1103	0	1103					1103
Oct 2006	65	83	5	68	0	68	98	6034.03	3507	0	68

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Taylor Park Reservoir

		Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Nov 2003	4	3	9310.47	71
H	Dec 2003	4	3	9310.82	71
I	Jan 2004	4	3	9311.17	72
S	Feb 2004	4	3	9311.44	72
T	Mar 2004	5	4	9312.62	74
O	Apr 2004	8	4	9314.81	78
R	May 2004	23	10	9322.01	91
I	Jun 2004	23	16	9325.53	97
C	Jul 2004	11	19	9321.35	89
A	Aug 2004	6	18	9314.10	77
L	Sep 2004	5	15	9308.05	67
	WY 2004	102	102		
*	Oct 2004	5	7	9307.00	65
	Nov 2004	4	3	9307.46	66
	Dec 2004	4	3	9307.85	67
	Jan 2005	3	3	9308.17	67
	Feb 2005	3	3	9308.24	67
	Mar 2005	3	4	9307.85	67
	Apr 2005	7	6	9308.30	67
	May 2005	22	10	9315.59	79
	Jun 2005	36	16	9326.65	100
	Jul 2005	18	18	9326.50	99
	Aug 2005	8	18	9321.41	90
	Sep 2005	6	16	9315.59	79
	WY 2005	119	107		
	Oct 2005	6	8	9314.36	77
	Nov 2005	5	3	9315.30	79
	Dec 2005	4	3	9315.94	80
	Jan 2006	4	3	9316.46	81
	Feb 2006	3	3	9316.69	81
	Mar 2006	4	5	9316.05	80
	Apr 2006	8	14	9312.25	74
	May 2006	25	18	9316.17	80
	Jun 2006	41	20	9327.47	101
	Jul 2006	20	21	9326.97	100
	Aug 2006	9	20	9321.36	89
	Sep 2006	6	16	9316.00	80
	WY 2006	135	134		
	Oct 2006	6	8	9315.12	78

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Blue Mesa Reservoir

	Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir elevation EOM Feet	Live Storage 1000 Ac-Ft
* Nov 2003	23	22	0	16	0	16	7459.81	370
H Dec 2003	22	21	0	15	0	15	7460.86	377
I Jan 2004	21	20	0	14	0	14	7461.91	383
S Feb 2004	19	19	0	12	0	12	7463.03	390
T Mar 2004	46	44	0	13	0	13	7467.75	421
O Apr 2004	68	64	1	31	0	31	7472.65	454
R May 2004	154	141	1	32	0	32	7487.46	562
I Jun 2004	134	128	1	54	0	54	7496.75	635
C Jul 2004	65	72	1	93	0	93	7494.00	613
A Aug 2004	28	41	1	93	0	93	7487.18	560
L Sep 2004	22	32	1	83	0	83	7480.20	507
WY 2004	628	629	6	503	0	503		
* Oct 2004	28	30	0	58	0	58	7476.41	480
Nov 2004	23	22	0	14	0	14	7477.54	488
Dec 2004	20	19	0	16	0	16	7478.00	491
Jan 2005	20	19	0	17	0	17	7478.32	494
Feb 2005	18	18	0	15	0	15	7478.76	497
Mar 2005	28	29	0	27	0	27	7478.93	498
Apr 2005	60	59	1	58	0	58	7479.02	499
May 2005	174	162	1	41	0	41	7494.77	619
Jun 2005	234	214	1	43	0	43	7514.80	788
Jul 2005	107	107	2	91	0	91	7516.44	803
Aug 2005	52	62	1	103	0	103	7511.66	760
Sep 2005	30	40	1	100	0	100	7504.61	700
WY 2005	794	781	7	583	0	583		
Oct 2005	33	35	1	76	0	76	7499.63	658
Nov 2005	29	27	0	47	0	47	7497.19	638
Dec 2005	23	22	0	79	0	79	7489.98	581
Jan 2006	23	22	0	80	0	80	7482.33	523
Feb 2006	21	21	0	72	0	72	7475.18	471
Mar 2006	32	33	0	76	0	76	7468.87	428
Apr 2006	68	74	1	84	0	84	7467.33	418
May 2006	196	189	1	43	0	43	7487.68	563
Jun 2006	263	242	1	35	0	35	7512.65	769
Jul 2006	121	122	2	87	0	87	7516.40	802
Aug 2006	59	70	1	101	0	101	7512.76	770
Sep 2006	33	43	1	101	0	101	7505.89	711
WY 2006	901	900	8	881	0	881		
Oct 2006	37	38	1	75	0	75	7501.48	674

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Morrow Point Reservoir

	Unreg Inflow 1000 Ac-Ft	Blue_Mesa Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Evap losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
* Nov 2003	25	16	2	18	0	16	0	16	7151.87	111
H Dec 2003	24	15	2	16	0	15	0	15	7153.36	112
I Jan 2004	23	14	2	15	0	17	0	17	7151.70	110
S Feb 2004	22	12	2	14	0	15	0	15	7150.31	109
T Mar 2004	51	13	5	18	0	17	0	17	7151.24	110
O Apr 2004	78	31	10	40	0	40	0	40	7151.23	110
R May 2004	171	32	18	50	0	47	0	47	7154.18	112
I Jun 2004	143	54	8	62	0	62	0	62	7154.59	113
C Jul 2004	66	93	1	94	0	95	0	95	7152.76	111
A Aug 2004	29	93	1	94	0	93	0	93	7153.42	112
L Sep 2004	23	83	1	84	0	86	0	86	7151.14	110
WY 2004	683	503	54	554	0	555	0	555		
* Oct 2004	30	58	1	59	0	56	0	56	7155.42	113
Nov 2004	24	14	1	15	0	16	0	16	7153.73	112
Dec 2004	22	16	2	18	0	18	0	18	7153.73	112
Jan 2005	21	17	1	18	0	18	0	18	7153.73	112
Feb 2005	21	15	3	17	0	18	0	18	7153.73	112
Mar 2005	31	27	3	30	0	30	0	30	7153.73	112
Apr 2005	68	58	8	66	0	66	0	66	7153.73	112
May 2005	198	41	24	65	0	65	0	65	7153.73	112
Jun 2005	252	43	18	61	0	61	0	61	7153.73	112
Jul 2005	113	91	6	97	0	97	0	97	7153.73	112
Aug 2005	54	103	2	105	0	105	0	105	7153.73	112
Sep 2005	31	100	1	101	0	101	0	101	7153.73	112
WY 2005	865	583	70	652	0	651	0	651		
Oct 2005	35	76	2	78	0	78	0	78	7153.73	112
Nov 2005	31	47	2	49	0	49	0	49	7153.73	112
Dec 2005	25	79	2	81	0	81	0	81	7153.73	112
Jan 2006	24	80	1	81	0	81	0	81	7153.73	112
Feb 2006	23	72	2	74	0	74	0	74	7153.73	112
Mar 2006	35	76	3	79	0	79	0	79	7153.73	112
Apr 2006	77	84	9	93	0	93	0	93	7153.73	112
May 2006	222	43	26	69	0	69	0	69	7153.73	112
Jun 2006	284	35	21	56	0	56	0	56	7153.73	112
Jul 2006	127	87	6	93	0	93	0	93	7153.73	112
Aug 2006	61	101	2	103	0	103	0	103	7153.73	112
Sep 2006	35	101	2	103	0	103	0	103	7153.73	112
WY 2006	979	881	78	959	0	959	0	959		
Oct 2006	39	75	2	77	0	77	0	77	7153.73	112

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Crystal Reservoir

	unreg Inflow 1000 Ac-Ft	Morrow Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Tunnel Flow 1000 Ac-Ft	Below_tunnel Flow 1000 Ac-Ft
* Nov 2003	29	16	4	20	0	20	20	6747.86	16	0	20
H Dec 2003	27	15	4	19	0	20	20	6744.53	15	1	19
I Jan 2004	27	17	4	21	0	20	20	6748.12	16	0	20
S Feb 2004	25	15	3	18	0	18	18	6748.18	16	1	19
T Mar 2004	58	17	7	25	0	24	24	6749.98	16	5	19
O Apr 2004	88	40	10	50	0	50	50	6751.44	17	33	19
R May 2004	194	47	23	70	0	70	70	6751.47	17	50	22
I Jun 2004	156	62	13	75	0	75	75	6752.33	17	55	22
C Jul 2004	68	95	2	97	0	99	99	6746.23	15	64	40
A Aug 2004	30	93	1	95	0	95	95	6744.94	15	65	35
L Sep 2004	25	86	2	88	0	86	86	6751.39	17	55	35
WY 2004	759	555	77	634	27	605	632			363	293
* Oct 2004	33	56	3	59	38	21	59	6750.20	16	23	38
Nov 2004	28	16	4	20	22	0	22	6746.05	15	0	22
Dec 2004	26	18	4	22	22	0	22	6746.05	15	0	22
Jan 2005	25	18	4	22	22	0	22	6746.05	15	0	22
Feb 2005	24	18	3	20	21	0	21	6746.05	15	0	20
Mar 2005	37	30	6	36	36	0	36	6746.05	15	5	31
Apr 2005	83	66	15	81	81	0	81	6746.05	15	30	51
May 2005	239	65	41	106	106	0	106	6746.05	15	55	51
Jun 2005	302	61	50	111	111	0	111	6746.05	15	60	51
Jul 2005	134	97	21	118	116	2	118	6746.05	15	65	53
Aug 2005	66	105	12	117	116	1	117	6746.05	15	65	52
Sep 2005	39	101	8	109	109	0	109	6746.05	15	55	54
WY 2005	1036	651	171	821	800	24	824			358	467
Oct 2005	42	78	7	85	85	0	85	6746.05	15	30	55
Nov 2005	36	49	5	54	54	0	54	6746.05	15	0	54
Dec 2005	30	81	5	86	86	0	86	6746.05	15	0	86
Jan 2006	29	81	5	86	86	0	86	6746.05	15	0	86
Feb 2006	27	74	4	78	78	0	78	6746.05	15	0	78
Mar 2006	42	79	7	86	86	0	86	6746.05	15	5	81
Apr 2006	94	93	17	110	110	0	110	6746.05	15	30	80
May 2006	269	69	47	116	116	0	116	6746.05	15	55	61
Jun 2006	340	56	56	112	112	0	112	6746.05	15	60	52
Jul 2006	150	93	23	116	116	0	116	6746.05	15	65	51
Aug 2006	74	103	13	116	116	0	116	6746.05	15	65	51
Sep 2006	44	103	9	112	112	0	112	6746.05	15	55	57
WY 2006	1177	959	198	1157	1157	0	1157			365	792
Oct 2006	47	77	8	85	85	0	85	6746.05	15	30	55

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Vallecito Reservoir

	Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
* Nov 2003	6	0	7629.25	43
H Dec 2003	5	0	7631.78	48
I Jan 2004	5	0	7634.30	53
S Feb 2004	4	0	7636.34	57
T Mar 2004	16	0	7643.57	72
O Apr 2004	25	7	7651.11	90
R May 2004	73	44	7662.38	118
I Jun 2004	51	49	7663.00	120
C Jul 2004	20	42	7654.40	98
A Aug 2004	9	38	7642.16	69
L Sep 2004	23	26	7640.41	65
WY 2004	243	210		
* Oct 2004	19	8	7645.31	76
Nov 2004	9	2	7648.20	83
Dec 2004	6	2	7650.05	87
Jan 2005	6	2	7651.49	91
Feb 2005	5	2	7652.52	93
Mar 2005	7	8	7652.15	92
Apr 2005	17	20	7650.71	89
May 2005	54	43	7655.05	100
Jun 2005	65	42	7664.20	123
Jul 2005	28	43	7658.46	108
Aug 2005	16	43	7647.35	81
Sep 2005	13	35	7637.36	59
WY 2005	245	250		
Oct 2005	13	12	7637.66	60
Nov 2005	8	2	7640.56	66
Dec 2005	5	2	7642.13	69
Jan 2006	5	2	7643.27	72
Feb 2006	5	2	7644.38	74
Mar 2006	7	8	7644.03	73
Apr 2006	19	12	7647.05	80
May 2006	60	46	7653.00	94
Jun 2006	74	48	7663.02	120
Jul 2006	32	48	7656.71	104
Aug 2006	17	43	7646.05	78
Sep 2006	14	35	7636.52	57
WY 2006	259	260		
Oct 2006	14	12	7637.51	59

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Navajo Reservoir

	Mod_Unreg Inflow 1000 Ac-Ft	Azetea Tunnel_Div 1000 Ac-Ft	Reg Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	NIIP Diversion 1000 ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Farm Flow 1000 Ac-Ft
* Nov 2003	24	0	18	1	0	16	5996.73	713	51
H Dec 2003	18	0	13	0	0	16	5996.36	710	78
I Jan 2004	17	0	13	0	0	16	5995.94	707	60
S Feb 2004	24	0	20	1	1	15	5996.45	711	33
T Mar 2004	120	12	94	1	4	16	6005.51	784	58
O Apr 2004	152	15	119	2	11	21	6015.33	869	98
R May 2004	225	30	168	3	28	22	6027.58	984	155
I Jun 2004	133	20	109	3	40	22	6031.96	1028	115
C Jul 2004	22	2	40	3	39	33	6028.39	992	48
A Aug 2004	-2	0	26	3	39	45	6022.11	932	41
L Sep 2004	58	2	61	2	19	36	6022.48	935	67
WY 2004	805	81	693	20	188	285			853
* Oct 2004	55	2	42	1	4	22	6024.04	950	54
Nov 2004	28	0	21	0	1	16	6024.37	953	16
Dec 2004	21	0	16	0	0	15	6024.43	954	15
Jan 2005	18	0	15	0	0	15	6024.30	952	15
Feb 2005	24	0	21	0	0	14	6025.04	960	14
Mar 2005	71	1	71	1	5	17	6030.00	1009	17
Apr 2005	136	14	125	2	24	21	6037.65	1088	21
May 2005	220	31	178	3	30	51	6046.19	1182	51
Jun 2005	206	32	150	3	43	115	6045.20	1170	115
Jul 2005	67	9	73	3	48	37	6043.80	1155	37
Aug 2005	36	3	61	3	43	50	6040.69	1120	50
Sep 2005	32	1	53	2	19	29	6040.93	1123	29
WY 2005	914	93	826	18	217	402			434
Oct 2005	40	1	38	1	12	22	6041.28	1127	22
Nov 2005	32	0	26	1	1	16	6042.04	1135	16
Dec 2005	23	0	19	0	0	15	6042.40	1139	15
Jan 2006	21	0	19	0	0	16	6042.59	1141	16
Feb 2006	28	0	26	1	0	17	6043.31	1149	17
Mar 2006	80	1	80	1	5	20	6048.09	1203	20
Apr 2006	153	14	132	2	24	34	6054.20	1276	34
May 2006	248	31	203	3	31	85	6060.94	1360	85
Jun 2006	231	32	173	4	43	147	6059.35	1340	147
Jul 2006	76	9	83	4	48	31	6059.36	1340	31
Aug 2006	41	3	64	3	43	31	6058.36	1327	31
Sep 2006	36	1	56	3	19	30	6058.71	1332	30
WY 2006	1009	92	919	23	226	464			464
Oct 2006	44	1	41	1	12	31	6058.45	1328	31

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Lake Powell

	Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Bank Storage 1000 Ac-Ft	EOM Storage 1000 Ac-Ft	Lees Ferry 1000 Ac-Ft
* Nov 2003	337	348	23	475	0	475	3600.48	18968	11796	485
H Dec 2003	289	305	20	602	0	602	3597.22	18960	11487	610
I Jan 2004	288	305	13	789	0	789	3591.80	18966	10984	802
S Feb 2004	244	253	14	743	0	743	3586.84	18910	10537	759
T Mar 2004	539	417	11	805	0	805	3582.78	18867	10180	815
O Apr 2004	817	609	18	649	1	648	3582.93	18797	10193	653
R May 2004	1181	972	24	596	0	596	3587.17	18776	10566	601
I Jun 2004	1096	835	35	802	0	802	3586.16	18832	10476	809
C Jul 2004	546	468	36	900	0	900	3579.70	18927	9914	909
A Aug 2004	176	303	39	896	0	896	3572.10	18931	9278	904
L Sep 2004	322	414	36	484	0	484	3570.77	18933	9169	487
WY 2004	6128	5593	296	8231	1	8230				8329
* Oct 2004	505	517	20	493	0	493	3570.50	18959	9148	493
Nov 2004	450	425	25	476	0	476	3569.63	18953	9077	476
Dec 2004	350	350	21	492	0	492	3567.74	18941	8926	492
Jan 2005	325	333	15	850	0	850	3561.44	18902	8433	850
Feb 2005	337	328	14	650	0	650	3557.34	18877	8122	650
Mar 2005	531	444	17	600	0	600	3555.18	18864	7962	600
Apr 2005	789	632	20	600	0	600	3555.33	18865	7973	600
May 2005	1843	1484	27	650	0	650	3565.14	18925	8720	650
Jun 2005	2465	2058	34	800	0	800	3579.00	19015	9854	800
Jul 2005	1246	1118	40	910	0	910	3580.82	19028	10010	910
Aug 2005	490	582	41	910	0	910	3576.81	19001	9669	910
Sep 2005	380	480	35	800	0	800	3572.86	18974	9340	800
WY 2005	9711	8751	309	8231	0	8231				8231
Oct 2005	502	548	31	600	0	600	3571.93	18968	9264	600
Nov 2005	496	514	25	600	0	600	3570.67	18960	9161	600
Dec 2005	396	476	21	800	0	800	3566.69	18935	8842	800
Jan 2006	365	444	15	800	0	800	3562.28	18907	8498	800
Feb 2006	379	435	14	600	0	600	3560.12	18894	8332	600
Mar 2006	597	597	18	600	0	600	3559.87	18892	8313	600
Apr 2006	887	788	20	600	0	600	3561.90	18905	8468	600
May 2006	2074	1709	29	600	0	600	3574.41	18985	9468	600
Jun 2006	2773	2315	36	650	0	650	3591.72	19105	10977	650
Jul 2006	1402	1208	43	850	0	850	3594.89	19129	11269	850
Aug 2006	552	594	44	900	0	900	3591.36	19103	10944	900
Sep 2006	428	523	38	630	0	630	3589.88	19092	10810	630
WY 2006	10851	10151	334	8230	0	8230				8230
Oct 2006	558	599	34	600	0	600	3589.53	19089	10778	600

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Hoover Dam - Lake Mead

	Glen Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	SNWP Use 1000 Ac-Ft	Dwnstrm Reqmnts 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
* Nov 2003	475	46	54	637	10.7	20	635	997	1139.48	15337
H Dec 2003	602	46	47	623	10.1	19	621	994	1139.12	15300
I Jan 2004	789	40	38	633	10.3	15	635	1003	1140.39	15434
S Feb 2004	743	77	35	806	14.0	10	790	1001	1140.11	15404
T Mar 2004	805	40	39	946	15.4	19	942	992	1138.70	15255
O Apr 2004	648	55	48	1049	17.6	21	1033	966	1134.98	14866
R May 2004	596	43	54	1124	18.3	37	1121	931	1129.70	14324
I Jun 2004	802	-8	65	995	16.7	32	994	913	1126.93	14044
C Jul 2004	900	38	80	952	15.5	34	951	905	1125.73	13924
A Aug 2004	896	82	85	763	12.4	29	763	911	1126.67	14018
L Sep 2004	484	95	70	568	9.5	27	561	906	1125.86	13937
WY 2004	8230	575	669	9635		289	9582			
* Oct 2004	493	111	51	365	5.9	21	363	916	1127.43	14094
Nov 2004	476	39	51	497	8.3	19	497	913	1126.94	14045
Dec 2004	492	52	44	670	10.9	16	670	902	1125.19	13870
Jan 2005	850	65	36	648	10.5	12	648	915	1127.25	14076
Feb 2005	650	67	33	720	13.0	11	720	912	1126.81	14031
Mar 2005	600	59	37	974	15.8	19	974	889	1123.31	13683
Apr 2005	600	14	45	1116	18.8	24	1116	855	1117.80	13147
May 2005	650	29	51	1030	16.8	30	1030	828	1113.56	12741
Jun 2005	800	17	60	894	15.0	30	894	818	1111.90	12584
Jul 2005	910	49	75	871	14.2	30	871	817	1111.73	12568
Aug 2005	910	96	80	800	13.0	30	800	823	1112.68	12658
Sep 2005	800	104	66	590	9.9	28	590	836	1114.84	12863
WY 2005	8231	702	629	9175		270	9175			
Oct 2005	600	43	49	427	6.9	28	427	845	1116.21	12994
Nov 2005	600	39	49	633	10.6	20	633	841	1115.60	12935
Dec 2005	800	52	42	612	10.0	18	612	852	1117.35	13103
Jan 2006	800	65	35	690	11.2	12	690	860	1118.60	13224
Feb 2006	600	67	32	689	12.4	11	689	856	1117.97	13163
Mar 2006	600	59	35	989	16.1	19	989	832	1114.21	12802
Apr 2006	600	14	43	1124	18.9	24	1124	797	1108.44	12261
May 2006	600	29	49	1032	16.8	30	1032	768	1103.52	11808
Jun 2006	650	17	58	900	15.1	30	900	748	1100.18	11507
Jul 2006	850	49	72	873	14.2	30	873	743	1099.39	11436
Aug 2006	900	96	76	807	13.1	30	807	748	1100.26	11514
Sep 2006	630	104	63	591	9.9	28	591	752	1100.81	11563
WY 2006	8230	634	603	9367		280	9367			
Oct 2006	600	43	46	322	5.2	28	322	767	1103.37	11795

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Davis Dam - Lake Mohave

	Hoover Release 1000 Ac-Ft	Side inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Spill Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
* Nov 2003	637	-11	568	0	568	9.5	636.53	1526
H Dec 2003	623	-18	540	0	540	8.8	638.98	1590
I Jan 2004	633	-20	580	0	580	9.4	640.22	1623
S Feb 2004	806	-17	695	0	695	12.1	643.62	1716
T Mar 2004	946	-25	958	0	958	15.6	642.21	1677
O Apr 2004	1049	-12	1033	0	1033	17.4	642.33	1680
R May 2004	1124	-44	1032	0	1032	16.8	644.09	1729
I Jun 2004	995	-24	1003	0	1003	16.8	642.91	1696
C Jul 2004	952	-24	918	0	918	14.9	643.29	1707
A Aug 2004	763	-26	740	0	740	12.0	643.20	1704
L Sep 2004	568	-13	653	0	653	11.0	639.54	1605
WY 2004	9635	-241	9426	0	9426			
* Oct 2004	365	3	464	0	464	7.5	635.90	1509
Nov 2004	497	-10	551	0	551	9.3	633.39	1444
Dec 2004	670	-22	489	0	489	7.9	639.51	1604
Jan 2005	648	-17	568	0	568	9.2	641.80	1666
Feb 2005	720	-18	669	0	669	12.1	643.01	1699
Mar 2005	974	-31	942	0	942	15.3	643.01	1699
Apr 2005	1116	-33	1083	0	1083	18.2	643.01	1699
May 2005	1030	-29	1000	0	1000	16.3	643.01	1699
Jun 2005	894	-28	893	0	893	15.0	642.00	1671
Jul 2005	871	-30	854	0	854	13.9	641.50	1658
Aug 2005	800	-30	769	0	769	12.5	641.50	1658
Sep 2005	590	-17	667	0	667	11.2	638.00	1564
WY 2005	9175	-262	8949	0	8949			
Oct 2005	427	-6	613	0	613	10.0	630.49	1371
Nov 2005	633	-13	530	0	530	8.9	634.00	1460
Dec 2005	612	-26	463	0	463	7.5	638.71	1583
Jan 2006	690	-17	589	0	589	9.6	641.80	1666
Feb 2006	689	-18	671	0	671	12.1	641.80	1666
Mar 2006	989	-31	936	0	936	15.2	642.60	1688
Apr 2006	1124	-33	1079	0	1079	18.1	643.01	1699
May 2006	1032	-29	1002	0	1002	16.3	643.01	1699
Jun 2006	900	-28	899	0	899	15.1	642.00	1671
Jul 2006	873	-30	856	0	856	13.9	641.50	1658
Aug 2006	807	-30	776	0	776	12.6	641.50	1658
Sep 2006	591	-17	667	0	667	11.2	638.00	1564
WY 2006	9367	-278	9081	0	9081			
Oct 2006	322	-6	508	0	508	8.3	630.49	1371

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Parker Dam - Lake Havasu

		Davis Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	MWD Diversion 1000 Ac-Ft	CAP diversion 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft	Flow_to Mexico 1000 Ac-Ft	Flow_to Mexico 1000 CFS
*	Nov 2003	568	6	336	5.7	67	175	446.96	560	100	1.7
H	Dec 2003	540	9	347	5.6	75	171	444.52	516	121	2.0
I	Jan 2004	580	-4	333	5.4	60	188	444.21	511	129	2.1
S	Feb 2004	695	1	418	7.3	58	175	446.75	557	169	2.9
T	Mar 2004	958	-12	724	11.8	57	186	445.64	536	202	3.3
O	Apr 2004	1033	-6	751	12.6	71	181	446.84	558	212	3.6
R	May 2004	1032	-16	734	11.9	68	188	448.14	583	112	1.8
I	Jun 2004	1003	-24	739	12.4	69	165	448.39	587	109	1.8
C	Jul 2004	918	-23	731	11.9	52	104	448.77	595	121	2.0
A	Aug 2004	740	-17	654	10.6	43	45	447.70	574	98	1.6
L	Sep 2004	653	-1	525	8.8	42	70	448.47	589	94	1.6
	WY 2004	9426	-96	6801		722	1773			1540	
*	Oct 2004	464	22	420	6.8	40	3	449.60	611	74	1.2
	Nov 2004	551	3	337	5.7	95	153	448.00	580	99	1.7
	Dec 2004	489	12	326	5.3	41	153	447.00	561	119	1.9
	Jan 2005	568	12	357	5.8	59	186	445.80	539	130	2.1
	Feb 2005	669	0	467	8.4	33	168	445.80	539	155	2.8
	Mar 2005	942	-8	669	10.9	62	187	446.70	555	200	3.3
	Apr 2005	1083	-8	796	13.4	60	181	448.71	594	193	3.2
	May 2005	1000	0	740	12.0	62	180	449.60	611	109	1.8
	Jun 2005	893	-13	733	12.3	30	116	449.60	611	111	1.9
	Jul 2005	854	-7	763	12.4	31	83	448.00	580	121	2.0
	Aug 2005	769	-2	665	10.8	31	80	447.50	570	100	1.6
	Sep 2005	667	-6	559	9.4	30	84	446.81	557	90	1.5
	WY 2005	8949	5	6832		574	1574			1501	
	Oct 2005	613	-4	484	7.9	31	103	446.29	548	72	1.2
	Nov 2005	530	3	375	6.3	41	123	446.00	543	99	1.7
	Dec 2005	463	12	320	5.2	42	117	445.80	539	119	1.9
	Jan 2006	589	12	356	5.8	59	186	445.80	539	130	2.1
	Feb 2006	671	0	466	8.4	33	168	446.00	543	155	2.8
	Mar 2006	936	-8	667	10.8	62	186	446.70	555	200	3.3
	Apr 2006	1079	-8	793	13.3	60	180	448.71	594	193	3.2
	May 2006	1002	0	737	12.0	62	185	449.60	611	109	1.8
	Jun 2006	899	-13	730	12.3	30	125	449.60	611	111	1.9
	Jul 2006	856	-7	760	12.4	31	88	448.00	580	121	2.0
	Aug 2006	776	-2	662	10.8	31	90	447.50	570	100	1.6
	Sep 2006	667	-6	556	9.3	30	87	446.81	557	90	1.5
	WY 2006	9081	-21	6906		512	1638			1499	
	Oct 2006	508	-4	482	7.8	31	0	446.31	548	76	1.2

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Hoover Dam - Lake Mead

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Hoover Static Head Feet	Hoover Generator Capacity MW	Hoover Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Nov 2003	637	10.7	1139.48	15337	-178	0.00	1233.0	272.5	67	427.7
H	Dec 2003	623	10.1	1139.12	15300	-38	0.00	1141.0	266.0	62	426.8
I	Jan 2004	633	10.3	1140.39	15434	134	0.00	1141.0	270.3	62	426.9
S	Feb 2004	806	14.0	1140.11	15404	-29	0.00	1251.0	349.0	68	433.3
T	Mar 2004	946	15.4	1138.70	15255	-149	0.00	1270.0	391.6	69	414.1
O	Apr 2004	1049	17.6	1134.98	14866	-389	0.00	1194.0	450.9	69	429.9
R	May 2004	1124	18.3	1129.70	14324	-542	0.00	1767.0	474.0	100	421.6
I	Jun 2004	995	16.7	1126.93	14044	-280	0.00	1731.0	410.2	100	412.2
C	Jul 2004	952	15.5	1125.73	13924	-120	0.00	1731.0	388.3	100	407.6
A	Aug 2004	763	12.4	1126.67	14018	94	0.00	1731.0	305.8	100	400.6
L	Sep 2004	568	9.5	1125.86	13937	-81	0.00	1731.0	221.5	100	390.1
	WY 2004	9635							4025.4		
*	Oct 2004	365	5.9	1127.43	14094	157	0.00	1298.0	134.7	75	369.3
	Nov 2004	497	8.3	1126.94	14045	-49	481.75	1194.4	212.0	69	426.7
	Dec 2004	670	10.9	1125.19	13870	-175	479.20	1315.6	282.4	76	421.2
	Jan 2005	648	10.5	1127.25	14076	206	476.60	1315.6	270.4	76	417.1
	Feb 2005	720	13.0	1126.81	14031	-44	476.26	1315.6	309.7	76	429.8
	Mar 2005	974	15.8	1123.31	13683	-348	473.46	1384.8	418.4	80	429.7
	Apr 2005	1116	18.8	1117.80	13147	-537	468.20	1506.0	476.9	87	427.1
	May 2005	1030	16.8	1113.56	12741	-405	461.92	1731.0	423.8	100	411.5
	Jun 2005	894	15.0	1111.90	12584	-157	459.32	1731.0	367.1	100	410.7
	Jul 2005	871	14.2	1111.73	12568	-16	458.90	1731.0	362.7	100	416.2
	Aug 2005	800	13.0	1112.68	12658	90	459.45	1731.0	330.1	100	412.5
	Sep 2005	590	9.9	1114.84	12863	206	462.15	1731.0	239.8	100	406.1
	WY 2005	9177							3827.8		
	Oct 2005	427	6.9	1116.21	12994	131	466.80	1609.8	171.9	93	402.6
	Nov 2005	633	10.6	1115.60	12935	-59	471.72	1280.9	262.4	74	414.7
	Dec 2005	612	10.0	1117.35	13103	168	469.93	1280.9	254.7	74	415.9
	Jan 2006	690	11.2	1118.60	13224	121	468.87	1280.9	287.1	74	416.1
	Feb 2006	689	12.4	1117.97	13163	-61	468.17	1280.9	290.7	74	421.7
	Mar 2006	989	16.1	1114.21	12802	-361	465.72	1280.9	415.2	74	420.0
	Apr 2006	1124	18.9	1108.44	12261	-542	459.15	1506.0	472.0	87	420.0
	May 2006	1032	16.8	1103.52	11808	-452	452.29	1731.0	416.6	100	403.8
	Jun 2006	900	15.1	1100.18	11507	-301	448.52	1731.0	362.0	100	402.3
	Jul 2006	873	14.2	1099.39	11436	-71	446.96	1731.0	354.9	100	406.5
	Aug 2006	807	13.1	1100.26	11514	78	447.16	1731.0	325.3	100	403.1
	Sep 2006	591	9.9	1100.81	11563	49	449.00	1731.0	234.2	100	396.4
	WY 2006	9367							3847.1		
	Oct 2006	322	5.2	1103.37	11795	232	453.43	1609.8	120.7	93	374.9

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Davis Dam - Lake Mohave

	Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Davis Static Head Feet	Davis Generator Capacity MW	Davis Gross Energy MKWH	Percent Of Units Available	KWH/AF
* Nov 2003	568	9.5	636.53	1526	58	0.00	196.0	67.9	77	119.5
H Dec 2003	540	8.8	638.98	1590	65	0.00	173.0	65.3	68	120.9
I Jan 2004	580	9.4	640.22	1623	33	0.00	163.0	72.2	64	124.6
S Feb 2004	695	12.1	643.62	1716	92	0.00	189.0	86.8	74	124.8
T Mar 2004	958	15.6	642.21	1677	-38	0.00	209.0	121.6	82	126.9
O Apr 2004	1033	17.4	642.33	1680	3	0.00	255.0	128.5	100	124.4
R May 2004	1032	16.8	644.09	1729	48	0.00	255.0	130.0	100	126.0
I Jun 2004	1003	16.8	642.91	1696	-32	0.00	255.0	119.7	100	119.4
C Jul 2004	918	14.9	643.29	1707	10	0.00	255.0	114.1	100	124.3
A Aug 2004	740	12.0	643.20	1704	-2	0.00	255.0	92.3	100	124.7
L Sep 2004	653	11.0	639.54	1605	-99	0.00	255.0	81.2	100	124.2
WY 2004	9425							1164.1		
* Oct 2004	464	7.5	635.90	1509	-96	0.00	204.0	56.7	80	122.3
Nov 2004	551	9.3	633.39	1444	-65	128.99	196.3	66.0	77	119.7
Dec 2004	489	7.9	639.51	1604	160	131.63	173.4	59.6	68	121.9
Jan 2005	568	9.2	641.80	1666	62	136.36	163.2	71.1	64	125.1
Feb 2005	669	12.1	643.01	1699	33	137.30	188.7	84.1	74	125.7
Mar 2005	942	15.3	643.01	1699	0	137.29	209.1	118.0	82	125.2
Apr 2005	1083	18.2	643.01	1699	0	136.05	255.0	134.6	100	124.3
May 2005	1000	16.3	643.01	1699	0	136.05	255.0	125.0	100	124.9
Jun 2005	893	15.0	642.00	1671	-28	135.52	255.0	111.5	100	124.8
Jul 2005	854	13.9	641.50	1658	-14	134.73	255.0	106.3	100	124.5
Aug 2005	769	12.5	641.50	1658	0	134.46	255.0	96.0	100	124.7
Sep 2005	667	11.2	638.00	1564	-94	132.63	255.0	82.4	100	123.6
WY 2005	8950							1111.3		
Oct 2005	613	10.0	630.49	1371	-193	128.32	204.0	73.1	80	119.1
Nov 2005	530	8.9	634.00	1460	89	126.46	196.3	62.4	77	117.7
Dec 2005	463	7.5	638.71	1583	123	131.54	173.4	56.5	68	122.0
Jan 2006	589	9.6	641.80	1666	83	135.97	163.2	73.4	64	124.7
Feb 2006	671	12.1	641.80	1666	0	136.69	188.7	84.0	74	125.1
Mar 2006	936	15.2	642.60	1688	22	136.48	209.1	116.5	82	124.5
Apr 2006	1079	18.1	643.01	1699	11	135.84	255.0	134.0	100	124.2
May 2006	1002	16.3	643.01	1699	0	136.05	255.0	125.2	100	124.9
Jun 2006	899	15.1	642.00	1671	-28	135.52	255.0	112.2	100	124.8
Jul 2006	856	13.9	641.50	1658	-14	134.73	255.0	106.5	100	124.5
Aug 2006	776	12.6	641.50	1658	0	134.46	255.0	96.8	100	124.7
Sep 2006	667	11.2	638.00	1564	-94	132.63	255.0	82.5	100	123.6
WY 2006	9082							1123.0		
Oct 2006	508	8.3	630.49	1371	-193	128.32	204.0	60.9	80	119.8

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Parker Dam - Lake Havasu

	Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Parker Static Head Feet	Parker Generator Capacity MW	Parker Gross Energy MKWH	Percent Of Units Available	KWH/AF
* Nov 2003	336	5.7	446.96	560	-5	0.00	94.0	22.9	78	68.0
H Dec 2003	347	5.6	444.52	516	-44	0.00	103.0	23.1	86	66.5
I Jan 2004	333	5.4	444.21	511	-6	0.00	120.0	21.6	100	64.9
S Feb 2004	418	7.3	446.75	557	46	0.00	120.0	28.0	100	66.9
T Mar 2004	724	11.8	445.64	536	-20	0.00	120.0	48.7	100	67.3
O Apr 2004	751	12.6	446.84	558	3	0.00	120.0	50.2	100	66.9
R May 2004	734	11.9	448.14	583	24	0.00	120.0	50.3	100	68.5
I Jun 2004	739	12.4	448.39	587	5	0.00	120.0	49.5	100	67.0
C Jul 2004	731	11.9	448.77	595	7	0.00	120.0	49.4	100	67.6
A Aug 2004	654	10.6	447.70	574	-20	0.00	120.0	44.3	100	67.7
L Sep 2004	525	8.8	448.47	589	15	0.00	120.0	35.7	100	68.0
WY 2004	6802							458.3		
* Oct 2004	420	6.8	449.60	611	22	0.00	90.0	28.8	75	68.6
Nov 2004	337	5.7	448.00	580	-31	77.56	90.0	22.2	75	65.7
Dec 2004	326	5.3	447.00	561	-19	76.29	90.0	21.0	75	64.6
Jan 2005	357	5.8	445.80	539	-22	75.22	90.0	23.0	75	64.3
Feb 2005	467	8.4	445.80	539	0	74.64	90.0	30.4	75	65.0
Mar 2005	669	10.9	446.70	555	16	75.08	90.0	44.1	75	66.0
Apr 2005	796	13.4	448.71	594	38	75.09	120.0	52.5	100	66.0
May 2005	740	12.0	449.60	611	18	76.49	120.0	49.5	100	66.9
Jun 2005	733	12.3	449.60	611	0	76.93	120.0	49.3	100	67.3
Jul 2005	763	12.4	448.00	580	-31	76.15	120.0	50.9	100	66.7
Aug 2005	665	10.8	447.50	570	-10	75.13	120.0	43.7	100	65.7
Sep 2005	559	9.4	446.81	557	-13	74.86	112.8	36.4	94	65.2
WY 2005	6832							451.9		
Oct 2005	484	7.9	446.29	548	-9	75.24	92.4	31.6	77	65.3
Nov 2005	375	6.3	446.00	543	-5	74.79	93.6	24.1	78	64.2
Dec 2005	320	5.2	445.80	539	-4	74.07	103.2	20.2	86	63.0
Jan 2006	356	5.8	445.80	539	0	74.64	90.0	22.7	75	63.9
Feb 2006	466	8.4	446.00	543	4	74.74	90.0	30.3	75	65.1
Mar 2006	667	10.8	446.70	555	13	75.17	90.0	44.0	75	66.0
Apr 2006	793	13.3	448.71	594	38	75.09	120.0	52.3	100	66.0
May 2006	737	12.0	449.60	611	18	76.49	120.0	49.3	100	66.9
Jun 2006	730	12.3	449.60	611	0	76.93	120.0	49.1	100	67.3
Jul 2006	760	12.4	448.00	580	-31	76.15	120.0	50.7	100	66.7
Aug 2006	662	10.8	447.50	570	-10	75.13	120.0	43.5	100	65.7
Sep 2006	556	9.3	446.81	557	-13	74.86	112.8	36.3	94	65.2
WY 2006	6905							454.1		
Oct 2006	482	7.8	446.31	548	-9	75.25	92.4	31.5	77	65.3

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Upper Basin Power

	Glen Canyon 1000 MWHR	Flam Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Res 1000 MWHR	Font Res 1000 MWHR
* Nov 2003	198	17	4	6	0	3
H Dec 2003	251	22	4	5	1	3
I Jan 2004	325	17	4	6	0	3
S Feb 2004	304	16	5	5	0	3
T Mar 2004	312	18	3	6	0	3
Winter 2004	1609	106	28	37	4	17
O Apr 2004	263	17	8	14	4	7
R May 2004	239	37	9	16	0	4
I Jun 2004	324	20	16	22	0	5
C Jul 2004	360	20	28	34	0	8
A Aug 2004	354	21	28	33	0	7
L Sep 2004	188	20	24	31	0	2
Summer 2004	1729	135	112	150	4	33
* Oct 2004	191	16	16	19	7	4
Nov 2004	175	17	4	6	4	5
Dec 2004	180	17	5	6	4	6
Jan 2005	309	17	5	6	4	5
Feb 2005	233	16	4	6	4	4
Mar 2005	213	18	8	11	7	5
Winter 2005	1302	102	41	55	31	29
Apr 2005	213	17	17	24	15	6
May 2005	233	44	12	23	20	7
Jun 2005	296	64	13	22	21	8
Jul 2005	343	25	29	35	22	10
Aug 2005	342	25	32	38	22	7
Sep 2005	298	24	31	36	21	6
Summer 2005	1724	198	134	178	121	43
Oct 2005	222	25	23	28	16	6
Nov 2005	221	24	14	18	10	6
Dec 2005	293	25	23	29	16	6
Jan 2006	290	25	23	29	16	6
Feb 2006	216	22	21	27	15	5
Mar 2006	215	39	21	28	16	5
Winter 2006	1458	159	126	159	90	33
Apr 2006	216	39	23	34	21	5
May 2006	220	59	12	25	22	6
Jun 2006	246	74	11	20	21	8
Jul 2006	330	22	27	34	22	10
Aug 2006	349	23	32	37	22	7
Sep 2006	243	27	31	37	21	6
Summer 2006	1604	244	136	186	129	41
Oct 2006	231	25	23	28	16	6

BUREAU OF RECLAMATION - CRFS 11/2004 MOST PROB WATER SUPPLY JOB STARTED:Mon NOV 8 16:24:23 2004

model_run_id = 1424

F L O O D C O N T R O L C R I T E R I A
B E G I N N I N G O F M O N T H C O N D I T I O N S

MON	YEAR	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	LAKE POWELL KAF	UPPER BASIN TOTAL KAF	LAKE MEAD KAF	TOTAL KAF	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	TOT OR MAX ALLOW KAF	LAKE POWELL KAF	LAKE MEAD KAF	TOTAL KAF	BOM SPACE REQD KAF	MEAD SCHED REL KAF	MEAD FC REL KAF	SYS CONT MAF
		* * * * P R E D I C T E D S P A C E * * * *							* * * * C R E D I T A B L E S P A C E * * * *									
NOV	2004	1116	349	746	15172	17384	13286	30670	1116	349	746	2212	15172	13286	30670	3810	497	0	29.8
DEC	2004	1112	341	743	15243	17439	13335	30774	1112	341	743	2196	15243	13335	30774	4580	670	0	29.6
JAN	2005	1124	338	742	15394	17598	13510	31108	1124	338	742	2204	15394	13510	31108	5350	648	0	29.3
									* * * * E F F E C T I V E S P A C E * * * *									
JAN	2005	1124	338	742	15394	17598	13510	31108	554	338	363	1255	15394	13510	30159	5350	648	0	29.3
FEB	2005	1141	336	744	15887	18107	13304	31411	568	336	364	1268	15887	13304	30459	1500	720	0	29.0
MAR	2005	1149	332	736	16198	18416	13349	31765	573	332	356	1262	16198	13349	30808	1500	974	0	28.6
APR	2005	1119	331	687	16358	18495	13697	32192	536	331	302	1169	16358	13697	31224	1500	1116	0	28.2
MAY	2005	1050	331	608	16347	18336	14233	32569	458	331	198	986	16347	14233	31566	1500	1030	0	28.9
JUN	2005	944	211	514	15600	17269	14639	31907	339	207	71	617	15600	14639	30855	1500	894	0	30.2
JUL	2005	760	41	526	14466	15793	14796	30589	139	16	36	191	14466	14796	29453	1500	871	0	30.5
									* * * * C R E D I T A B L E S P A C E * * * *									
AUG	2005	639	27	541	14310	15517	14812	30329	639	27	541	1207	14310	14812	30329	1500	800	0	30.1
SEP	2005	633	69	576	14651	15929	14722	30652	633	69	576	1278	14651	14722	30652	2270	590	0	29.8
OCT	2005	656	130	573	14980	16339	14517	30856	656	130	573	1359	14980	14517	30856	3040	427	0	29.6
NOV	2005	672	171	569	15056	16468	14386	30854	672	171	569	1412	15056	14386	30854	3810	633	0	29.5
DEC	2005	690	191	561	15159	16601	14445	31046	690	191	561	1442	15159	14445	31046	4580	612	0	29.4
JAN	2006	725	248	557	15478	17008	14277	31285	725	248	557	1530	15478	14277	31285	5350	690	0	29.1
									* * * * E F F E C T I V E S P A C E * * * *									
JAN	2006	725	248	557	15478	17008	14277	31285	484	247	365	1096	15478	14277	30851	5350	690	0	29.1
FEB	2006	754	306	555	15822	17438	14156	31594	511	304	362	1177	15822	14156	31155	1500	689	0	28.9
MAR	2006	774	358	547	15988	17667	14217	31884	527	355	354	1236	15988	14217	31441	1500	989	0	28.5
APR	2006	790	401	493	16007	17691	14578	32268	538	399	294	1231	16007	14578	31815	1500	1124	0	28.2
MAY	2006	764	412	420	15852	17448	15119	32567	504	412	196	1111	15852	15119	32083	1500	1032	0	29.1
JUN	2006	666	266	336	14852	16120	15572	31692	393	262	78	733	14852	15572	31157	1500	900	0	30.7
JUL	2006	463	60	356	13343	14223	15873	30096	172	34	52	258	13343	15873	29474	1500	873	0	31.1
									* * * * C R E D I T A B L E S P A C E * * * *									
AUG	2006	311	27	356	13051	13746	15944	29689	311	27	356	694	13051	15944	29689	1500	807	0	30.8
SEP	2006	289	60	369	13376	14093	15866	29958	289	60	369	717	13376	15866	29958	2270	591	0	30.5
OCT	2006	313	119	364	13510	14306	15817	30123	313	119	364	796	13510	15817	30123	3040	322	0	30.5

Date: December 9, 2004

From: Water Resource Group, Salt Lake City

To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Status

	November inflow(unreg) (Acre-Feet)	Percent of normal	Midnight December 08 Elevation	Reservoir Storage (Acre-Feet)
Fontenelle	49,000	114	6493.97	255,000
Flaming Gorge	64,000	114	6012.39	2,719,000
Blue Mesa	26,000	82	7477.69	489,000
Powell	558,000	103	3570.47	8,822,000
Navajo	46,000	131	6024.61	979,000

Expected Operation

FONTENELLE - During the month of November, inflows to Fontenelle Reservoir were 49,000 acre-feet (114% of normal). This is the 2nd above normal inflow month in a row. Inflows over the past 2 months were more than expected and the reservoir elevation was relatively steady until releases were increased in mid November. Releases are now 1200 cfs and will likely remain at this level until late March of 2005. The 3 month forecast (December through February) is now 107% of normal (100,000 acre-feet). By April 1st, 2005 the elevation of Fontenelle Reservoir is now projected to be about 6470.4 feet above sea level based on the recent changes to the forecast.

Open forum discussions on Fontenelle operations take place at the "Fontenelle Reservoir Working Group" meetings. The Working Group is a forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir. The public is encouraged to attend and express their concerns and interests with regard to Fontenelle Reservoir operation. The next Working Group meeting will be scheduled for April of 2005 and will likely be held in Green River, WY. At this time the exact time and place have not been scheduled. For more information about the Working Group, contact Ed Vidmar at 801-379-1182.

FLAMING GORGE - During the month of October, unregulated inflows reached 105% of normal (68,000 acre-feet). This is the first month where the unregulated inflow was above normal since March of 2001. As a result, forecasts for the 3 month period beginning November 1st were increased significantly. Last month, the 3 month forecast (October through December) was 65% of normal. This month, the 3 month forecast (November through January) is 93% of normal. The effect of this change in the forecast increases the projected elevation of Flaming Gorge by about 1.4 feet over last months projected elevation for April 1st, 2005. At this time no changes have been made to the projected releases but this may be considered if conditions continue to become wetter in the coming months. Releases are currently 800 cfs and are projected to remain at this level until May of 2005.

The next "Flaming Gorge Working Group" meeting is to be held on April 21st, 2005 in Vernal, Utah

at 10:00 a.m.. The location will be at the Western Park Convention Center. The Working Group is a forum for information exchange between Reclamation and all other parties associated with the operation of Flaming Gorge Reservoir. The public is encouraged to attend and express their concerns and interests with regard to the operation of Flaming Gorge Reservoir. For more information about the Working Group please contact Ed Vidmar at 801-379-1182.

ASPINALL – November unregulated inflow into Blue Mesa Reservoir was 26,000 acre-feet or 82 percent of average. Hydrologic conditions remain dry, but seem to be slowly improving. Drought is still the controlling factor for water management throughout the region; however, the last three months have seen above average precipitation. The recorded precipitation for these months was 170, 115, 135 percent of average for September through November respectively. Average stream flow still remains below normal and will most likely stay that way until next spring's runoff. The current inflow rate into Blue Mesa Reservoir is about 400 cfs and reservoir releases are averaging about 300 cfs. Blue Mesa's present elevation is 7477.65 feet, which corresponds to a storage content of about 489,000 acre-feet.

On December 6, 2004, the National Weather Service's River Forecast Center issued the forecasted inflow over the next 3 months for continued below normal conditions. The unregulated inflow forecast for December, January, and February is 63,000 acre-feet which is 86% of normal for these months. Based on this forecast, Blue Mesa Reservoir elevation is estimated to increase 1.7 feet to elevation 7479.3 feet or about 11,500 acre-feet by the end of February 2005.

Releases from Crystal are currently set at 350 cfs. The Gunnison Diversion Tunnel has been shut down for the winter season with the exception of some small 100 cfs diversions taken bi-weekly for municipal water needs in Montrose, Colorado. Due to the severity of the continuing drought in the Gunnison River Basin, river flows through the Black Canyon of the Gunnison have been set close to the minimum flow rate. Current flows in the river are now 350 cfs. This flow rate will most likely be kept at this level for much of this fall and winter months.

The next meeting of the "Aspinall Unit Working Group" will be held on Thursday, January 20, 2005 at 1:00 PM at the Pavilion Center in Montrose, Colorado, review of last summer and fall reservoir operations, and plans for this winter and next spring 2005 operations will be discussed. These meetings are open forum discussions on the Aspinall Unit reservoir operations with many interested groups participating. Anyone needing further information about these meetings should contact Dan Crabtree in the Grand Junction Area Office at (970) 248-0652.

NAVAJO – Reclamation decreased the release from Navajo Reservoir from 350 cubic feet per second (cfs) to 250 cfs, at 9:00 a.m. on Monday, November 1, 2004. This release will remain at 250 cfs throughout the winter, or until further notice. Releases are made for the authorized purposes of the Navajo Unit, and to attempt to maintain a target base flow through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell).

Based upon current hydrological conditions and historical hydrologic data, the target base flow should remain above 500 cfs through the critical habitat area. The target base flow is calculated as the weekly average of gaged flows throughout the critical habitat area, therefore daily flows of less

than 500 cfs may occur at some gages. Navajo release will be increased if the downstream target base flow drops below 500 cfs.

Reclamation will continue to closely monitor the hydrologic conditions in the basin. As such, this scheduled release change is subject to changes in river flows and weather conditions.

The current daily reservoir inflow is averaging about 800 cfs and reservoir releases are set at 250 cfs. Presently, the reservoir water surface elevation is 6027.08 feet, which corresponds to a storage content of about 980,000 acre-feet. The monthly precipitation average in the basin above Bluff for the months of September through November were 220, 85, and 125 percent of average respectively. Corresponding with these rain events the inflow to Navajo Reservoir for the month of November was 46,000 acre-feet or 131 percent of average.

A public meeting on Navajo Reservoir operations will be held on Tuesday, January 18, 2005 at 1:00 p.m. in Farmington, New Mexico. At this meeting, review of last summer and fall reservoir operations, and plans for winter and spring 2005 operations will be discussed. These are open forum discussions on the operation of Navajo Reservoir with many interested groups participating. Anyone interested in the general operation of the reservoir is encouraged to attend. Please contact Pat Page in Reclamation's Durango, Colorado Office at (970) 385-6560 for information about these meetings or the daily operation of Navajo Reservoir.

Lake Powell - Glen Canyon Dam - Current Status

Operations - High Flow Experiment

On Sunday November 21, 2004, releases from Glen Canyon Dam were increased for a high-flow experiment. Releases were increased to powerplant capacity (26,000 cubic feet per second [cfs]) the morning of November 21, 2004. At 7:00 a.m. on November 21, releases greater than powerplant capacity began through the river bypass tubes. Releases from the bypass tubes were increased incrementally for 21 hours until the four river bypass tubes were operating at a combined capacity of 15,000 cfs. At that time (November 22, 2004, at 4:00 a.m.), the total release from Glen Canyon Dam was approximately 41,000 cfs. The 41,000 cfs release was maintained for 60 hours. Releases were then reduced by 1,500 cfs per hour until a release of 8,000 cfs was achieved. Releases remained constant at 8,000 cfs for the remainder of November to facilitate further data collection and monitoring of the Grand Canyon by scientists from the Grand Canyon Monitoring and Research Center and other agencies.

The high-flow experiment does not alter the total volume of water released from Lake Powell in water year 2005. The 2005 Colorado River Annual Operating Plan calls for an annual release of 8.23 million acre-feet from Lake Powell in water year 2005. While the high-flow experiment lowered the level of Lake Powell by about three feet in November, monthly release volumes from Glen Canyon Dam will be adjusted downward over the course of the next 8 months such that the elevation of Lake Powell in the summer of 2005 will be the same, regardless of whether the high flow experiment had taken place.

With the exception of the weekend of December 3-5, releases from Glen Canyon Dam in December will average about 9,800 cfs with a total of 600,000 acre-feet scheduled to be released. Daily fluctuations due to load following will likely vary between a low of about 6,000 cfs (during late

evening and early morning off-peak hours) to a high of about 12,000 cfs (during late afternoon and early evening on-peak hours) on all days of the week.

Releases from Glen Canyon Dam from 2 p.m. on Friday December 3 through midnight on December 5 will be steady at 8,000 cfs. This steady release is being made to support the completion of data collection in Marble Canyon and the Grand Canyon related to the November high-flow experiment.

Upper Colorado River Basin Hydrology

Water year 2005 began on October 1, 2004. The Colorado River Basin has now completed 5 consecutive years of drought. In the summer of 1999 Lake Powell was essentially full, with reservoir storage at 97 percent of capacity. Since that time, inflow volumes have been below average for 5 consecutive water years. Total unregulated inflow to Lake Powell in water year 2004 was only 51 percent of average. Unregulated inflow in water years 2000, 2001, 2002, and 2003 was 62, 59, 25, and 51 percent of average, respectively. Inflow in water year 2002 was the lowest ever observed since the completion of Glen Canyon Dam in 1963.

A favorable trend emerged in September and has continued through November 2004 in the Colorado River Basin. Precipitation in these months was significantly above average. Basinwide precipitation in September was 165 percent of average, October precipitation was 155 percent of average, and November precipitation was 135 percent of average. As of December 9, 2004, basinwide snowpack in the Colorado River Basin is currently 121 percent of average.

Unregulated inflow to Lake Powell in November was 558,000 acre-feet, or 102 percent of average. This is the first month with above average inflow to Lake Powell since September 1999. Inflow, as a percentage of average, has been increasing since the summer in response to the precipitation events this fall. Unregulated inflow was extremely low this past summer (only 35 and 29 percent of average in July and August, respectively), but increased to 68 percent of average in September and 92 percent of average in October.

The fall precipitation has improved soil moisture conditions in the basin. This will favor a more efficient runoff next spring with more snowmelt going to the rivers instead of into the soils as has been the case the past few years. However, drought conditions continue to prevail in the Colorado River Basin. To “break” the drought will require a pattern of above-average precipitation through the winter and into next spring. Water year 2005 is off to a good start, but it is too early to celebrate.

As of December 2, 2004, observed inflow to Lake Powell is 6,900 cfs, about 75 percent of what is normally seen in early December. Cold weather has now settled into the basin. Because of this, inflows are now gradually decreasing.

Low inflows over the past 5 years have reduced water storage in Lake Powell. As of December 1, 2004, the current elevation of Lake Powell is 3,567.1 feet (132.9 feet from full pool). Current storage is 8.9 million acre-feet (37 percent of live capacity).

Under the current inflow forecast, and in combination with scheduled releases, the water surface elevation of Lake Powell is projected to decline the remainder of the month, with current projections showing the lake reaching an elevation of about 3,564 feet on January 1, 2005 .

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-280
125 SOUTH STATE STREET, ROOM 6107
SALT LAKE CITY, UT 84138-1102
PHONE 801-524-5571

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RUNOFF PROJECTIONS AND INFLOW INFORMATION INTO UPPER BASIN RESERVOIR PROVIDED BY THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICE'S COLORADO BASIN RIVER FORECAST CENTER ARE AS FOLLOWS

:	Obs					Forecast		
:	aug	sep	oct	nov	%Avg	dec	jan	feb
GLDA3:Lake Powell	176	322	505	558	103%:	400/	400/	400
GBRW4:Fontenelle	56	41	54	49	114%:	35/	35/	30
GRNU1:Flaming Gorge	60	46	68	e64	114%:	45/	45/	50
BMDC2:Blue Mesa	28	22	28	26	84%:	22/	22/	20
MPSC2:Morrow Point	29	23	30	27	80%:	24/	24/	22
CLSC2:Crystal	30	25	33	30	75%:	27/	27/	25
TPIC2:Taylor Park	5.5	5.4	5.2	3.9	78%:	3.5/	3.3/	3.0
VCRC2:Vallecito	9.4	23	19.2	12.9	152%:	8/	7/	6
NVRN5:Navajo	-2.44	58	55	46	131%:	23/	21/	26

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T E M R E S E R V O I R S

Bureau of Reclamation - CRFS 12/2004 Most Prob Water Supply 08-dec-2004 14:46:01

Fontenelle Reservoir

		Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Dec 2003	28	1	46	0	46	6485.47	199
H	Jan 2004	25	1	47	0	47	6481.72	176
I	Feb 2004	23	1	43	0	43	6477.84	156
S	Mar 2004	58	1	46	0	46	6479.97	167
T	Apr 2004	66	1	44	0	44	6483.56	187
O	May 2004	67	2	59	0	59	6484.57	193
R	Jun 2004	182	2	60	0	60	6501.79	313
I	Jul 2004	168	3	89	54	143	6504.73	336
C	Aug 2004	56	2	76	7	83	6500.95	306
A	Sep 2004	41	2	24	33	57	6498.57	288
	WY 2004	768	18	604	116	720		
L	Oct 2004	54	1	46	13	59	6497.76	282
*	Nov 2004	49	1	62	3	65	6495.55	266
	Dec 2004	35	1	74	0	74	6489.69	227
	Jan 2005	35	1	74	0	74	6483.57	187
	Feb 2005	30	1	67	0	67	6476.74	150
	Mar 2005	50	0	78	0	78	6470.59	122
	Apr 2005	82	1	89	0	89	6468.72	114
	May 2005	157	1	98	2	100	6480.46	169
	Jun 2005	285	2	102	67	169	6497.95	284
	Jul 2005	170	3	102	10	112	6505.16	339
	Aug 2005	74	2	72	0	72	6505.18	339
	Sep 2005	42	2	68	0	68	6501.63	311
	WY 2005	1063	16	932	95	1027		
	Oct 2005	47	1	70	0	70	6498.41	287
	Nov 2005	39	1	68	0	68	6494.31	258
	Dec 2005	30	1	71	0	71	6488.08	216
	Jan 2006	28	1	71	0	71	6480.93	172
	Feb 2006	26	1	63	0	63	6473.41	134
	Mar 2006	47	0	79	0	79	6465.80	102
	Apr 2006	84	1	89	0	89	6464.28	96
	May 2006	176	1	95	45	140	6472.81	131
	Jun 2006	320	2	99	109	208	6491.97	241
	Jul 2006	192	2	108	37	145	6498.29	286
	Aug 2006	83	2	71	0	71	6499.68	296
	Sep 2006	48	2	68	0	68	6496.75	275
	WY 2006	1120	15	952	191	1143		
	Oct 2006	52	1	70	0	70	6494.06	256
	Nov 2006	43	1	68	0	68	6490.26	230

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T E M R E S E R V O I R S

Bureau of Reclamation - CRFS 12/2004 Most Prob Water Supply 08-dec-2004 14:46:01

Flaming Gorge Reservoir

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Yampa Flow 1000 Ac-Ft	Jensen Flow 1000 Ac-Ft
*	Dec 2003	27	46	2	53	0	53	67	6008.91	2606	0	80
H	Jan 2004	27	48	2	53	0	53	67	6008.73	2600	0	272
I	Feb 2004	33	53	2	50	0	50	67	6008.77	2602	0	301
S	Mar 2004	98	89	3	54	0	54	68	6009.71	2632	0	246
T	Apr 2004	84	62	4	51	0	51	68	6009.90	2638	0	233
O	May 2004	76	69	7	107	0	107	67	6008.57	2595	0	391
R	Jun 2004	188	74	9	61	0	61	67	6008.69	2599	0	232
I	Jul 2004	182	147	11	61	0	61	70	6010.91	2671	0	119
C	Aug 2004	60	88	11	62	0	62	70	6011.37	2686	0	73
A	Sep 2004	46	62	9	60	0	60	70	6011.15	2679	0	81
	WY 2004	873	829	69	715	0	715					2174
L	Oct 2004	68	74	6	51	0	51	71	6011.65	2695	0	103
*	Nov 2004	62	75	3	48	0	48	72	6012.35	2718	0	95
	Dec 2004	45	84	2	49	0	49	73	6013.32	2750	0	49
	Jan 2005	45	84	2	49	0	49	74	6014.27	2782	0	49
	Feb 2005	50	87	2	44	0	44	75	6015.43	2821	0	44
	Mar 2005	101	129	3	49	0	49	77	6017.60	2896	0	49
	Apr 2005	136	143	5	48	0	48	80	6020.12	2984	0	48
	May 2005	242	185	7	123	0	123	82	6021.63	3038	0	123
	Jun 2005	376	260	10	178	0	178	84	6023.56	3107	0	178
	Jul 2005	207	149	13	74	0	74	86	6025.20	3167	0	74
	Aug 2005	86	84	12	74	0	74	86	6025.13	3165	0	74
	Sep 2005	52	78	11	71	0	71	86	6025.01	3161	0	71
	WY 2005	1470	1432	76	858	0	858					957
	Oct 2005	59	82	7	74	0	74	86	6025.05	3162	0	74
	Nov 2005	50	79	3	71	0	71	86	6025.15	3166	0	71
	Dec 2005	36	77	2	74	0	74	86	6025.19	3167	0	74
	Jan 2006	41	84	2	74	0	74	87	6025.42	3176	0	74
	Feb 2006	45	82	2	67	0	67	87	6025.77	3189	0	67
	Mar 2006	97	129	3	109	0	109	88	6026.21	3205	0	109
	Apr 2006	141	146	5	107	0	107	89	6027.10	3238	0	107
	May 2006	273	237	8	162	0	162	91	6028.81	3303	0	162
	Jun 2006	423	311	11	202	0	202	94	6031.27	3398	0	202
	Jul 2006	233	186	14	61	0	61	98	6033.97	3505	0	61
	Aug 2006	97	85	13	61	0	61	98	6034.21	3514	0	61
	Sep 2006	59	79	12	72	0	72	98	6034.09	3510	0	72
	WY 2006	1554	1577	82	1134	0	1134					1134
	Oct 2006	65	83	8	68	0	68	98	6034.26	3517	0	68
	Nov 2006	56	81	4	65	0	65	98	6034.56	3529	0	65

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T E M R E S E R V O I R S

Bureau of Reclamation - CRFS 12/2004 Most Prob Water Supply 08-dec-2004 14:46:01

Taylor Park Reservoir

		Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Dec 2003	4	3	9310.82	71
H	Jan 2004	4	3	9311.17	72
I	Feb 2004	4	3	9311.44	72
S	Mar 2004	5	4	9312.62	74
T	Apr 2004	8	4	9314.81	78
O	May 2004	23	10	9322.01	91
R	Jun 2004	23	16	9325.53	97
I	Jul 2004	11	19	9321.35	89
C	Aug 2004	6	18	9314.10	77
A	Sep 2004	5	15	9308.05	67
	WY 2004	102	102		
L	Oct 2004	5	7	9307.00	65
*	Nov 2004	4	3	9307.60	66
	Dec 2004	4	3	9308.18	67
	Jan 2005	4	3	9308.76	68
	Feb 2005	3	3	9309.02	68
	Mar 2005	4	4	9308.76	68
	Apr 2005	7	6	9309.34	69
	May 2005	22	10	9316.52	81
	Jun 2005	36	17	9326.97	100
	Jul 2005	18	18	9326.82	100
	Aug 2005	8	18	9321.74	90
	Sep 2005	6	16	9315.95	80
	WY 2005	121	108		
	Oct 2005	6	8	9314.72	78
	Nov 2005	5	3	9315.66	79
	Dec 2005	4	3	9316.29	80
	Jan 2006	4	3	9316.81	81
	Feb 2006	3	3	9317.04	82
	Mar 2006	4	5	9316.41	81
	Apr 2006	8	14	9312.63	74
	May 2006	25	18	9316.52	81
	Jun 2006	41	22	9326.77	100
	Jul 2006	20	21	9326.26	99
	Aug 2006	9	20	9320.61	88
	Sep 2006	6	16	9315.19	78
	WY 2006	135	136		
	Oct 2006	6	8	9314.31	77
	Nov 2006	5	3	9315.54	79

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Blue Mesa Reservoir

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Dec 2003	22	21	0	15	0	15	7460.86	377
H	Jan 2004	21	20	0	14	0	14	7461.91	383
I	Feb 2004	19	19	0	12	0	12	7463.03	390
S	Mar 2004	46	44	0	13	0	13	7467.75	421
T	Apr 2004	68	64	1	31	0	31	7472.65	454
O	May 2004	154	141	1	32	0	32	7487.46	562
R	Jun 2004	134	128	1	54	0	54	7496.75	635
I	Jul 2004	65	72	1	93	0	93	7494.00	613
C	Aug 2004	28	41	1	93	0	93	7487.18	560
A	Sep 2004	22	32	1	83	0	83	7480.20	507
	WY 2004	628	629	6	503	0	503		
L	Oct 2004	28	30	0	58	0	58	7476.41	480
*	Nov 2004	26	25	0	11	0	11	7478.29	494
	Dec 2004	22	21	0	22	0	22	7478.14	493
	Jan 2005	22	21	0	17	0	17	7478.69	496
	Feb 2005	20	20	0	15	0	15	7479.30	501
	Mar 2005	30	30	0	27	0	27	7479.71	504
	Apr 2005	62	61	1	59	0	59	7479.90	505
	May 2005	174	162	1	51	0	51	7494.32	615
	Jun 2005	234	215	1	43	0	43	7514.51	786
	Jul 2005	107	107	2	89	0	89	7516.38	802
	Aug 2005	52	62	1	102	0	102	7511.71	761
	Sep 2005	30	40	1	100	0	100	7504.66	700
	WY 2005	807	794	7	594	0	594		
	Oct 2005	33	35	1	76	0	76	7499.68	659
	Nov 2005	29	27	0	47	0	47	7497.25	639
	Dec 2005	23	22	0	79	0	79	7490.03	582
	Jan 2006	23	22	0	80	0	80	7482.39	524
	Feb 2006	21	21	0	72	0	72	7475.24	472
	Mar 2006	32	33	0	78	0	78	7468.64	427
	Apr 2006	68	74	1	84	0	84	7467.09	416
	May 2006	196	189	1	43	0	43	7487.48	562
	Jun 2006	263	244	1	35	0	35	7512.70	769
	Jul 2006	121	122	2	87	0	87	7516.45	803
	Aug 2006	59	70	1	101	0	101	7512.81	770
	Sep 2006	33	43	1	101	0	101	7505.94	711
	WY 2006	901	902	8	883	0	883		
	Oct 2006	37	38	1	88	0	88	7499.96	661
	Nov 2006	32	30	0	58	0	58	7496.47	633

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Morrow Point Reservoir

		Unreg Inflow 1000 Ac-Ft	Blue_Mesa Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Evap losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Dec 2003	24	15	2	16	0	15	0	15	7153.36	112
H	Jan 2004	23	14	2	15	0	17	0	17	7151.70	110
I	Feb 2004	22	12	2	14	0	15	0	15	7150.31	109
S	Mar 2004	51	13	5	18	0	17	0	17	7151.24	110
T	Apr 2004	78	31	10	40	0	40	0	40	7151.23	110
O	May 2004	171	32	18	50	0	47	0	47	7154.18	112
R	Jun 2004	143	54	8	62	0	62	0	62	7154.59	113
I	Jul 2004	66	93	1	94	0	95	0	95	7152.76	111
C	Aug 2004	29	93	1	94	0	93	0	93	7153.42	112
A	Sep 2004	23	83	1	84	0	86	0	86	7151.14	110
	WY 2004	683	503	54	554	0	555	0	555		
L	Oct 2004	30	58	1	59	0	56	0	56	7155.42	113
*	Nov 2004	27	11	1	12	0	17	0	17	7149.03	108
	Dec 2004	23	22	1	23	0	19	0	19	7153.73	112
	Jan 2005	23	17	1	18	0	18	0	18	7153.73	112
	Feb 2005	22	15	2	17	0	17	0	17	7153.73	112
	Mar 2005	33	27	3	30	0	30	0	30	7153.73	112
	Apr 2005	69	59	7	66	0	66	0	66	7153.73	112
	May 2005	198	51	24	75	0	75	0	75	7153.73	112
	Jun 2005	252	43	18	61	0	61	0	61	7153.73	112
	Jul 2005	113	89	6	95	0	95	0	95	7153.73	112
	Aug 2005	54	102	2	104	0	104	0	104	7153.73	112
	Sep 2005	31	100	1	101	0	101	0	101	7153.73	112
	WY 2005	875	594	67	661	0	659	0	659		
	Oct 2005	35	76	2	78	0	78	0	78	7153.73	112
	Nov 2005	31	47	2	49	0	49	0	49	7153.73	112
	Dec 2005	25	79	2	81	0	81	0	81	7153.73	112
	Jan 2006	24	80	1	81	0	81	0	81	7153.73	112
	Feb 2006	23	72	2	74	0	74	0	74	7153.73	112
	Mar 2006	35	78	3	81	0	81	0	81	7153.73	112
	Apr 2006	77	84	9	93	0	93	0	93	7153.73	112
	May 2006	222	43	26	69	0	69	0	69	7153.73	112
	Jun 2006	284	35	21	56	0	56	0	56	7153.73	112
	Jul 2006	127	87	6	93	0	93	0	93	7153.73	112
	Aug 2006	61	101	2	103	0	103	0	103	7153.73	112
	Sep 2006	35	101	2	103	0	103	0	103	7153.73	112
	WY 2006	979	883	78	961	0	961	0	961		
	Oct 2006	39	88	2	90	0	90	0	90	7153.73	112
	Nov 2006	34	58	2	60	0	60	0	60	7153.73	112

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Crystal Reservoir

		unreg Inflow 1000 Ac-Ft	Morrow Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Tunnel Flow 1000 Ac-Ft	Below_tunnel Flow 1000 Ac-Ft
*	Dec 2003	27	15	4	19	0	20	20	6744.53	15	1	19
H	Jan 2004	27	17	4	21	0	20	20	6748.12	16	0	20
I	Feb 2004	25	15	3	18	0	18	18	6748.18	16	1	19
S	Mar 2004	58	17	7	25	0	24	24	6749.98	16	5	19
T	Apr 2004	88	40	10	50	0	50	50	6751.44	17	33	19
O	May 2004	194	47	23	70	0	70	70	6751.47	17	50	22
R	Jun 2004	156	62	13	75	0	75	75	6752.33	17	55	22
I	Jul 2004	68	95	2	97	0	99	99	6746.23	15	64	40
C	Aug 2004	30	93	1	95	0	95	95	6744.94	15	65	35
A	Sep 2004	25	86	2	88	0	86	86	6751.39	17	55	35
	WY 2004	759	555	77	634	27	605	632			363	293
L	Oct 2004	33	56	3	59	38	21	59	6750.20	16	23	38
*	Nov 2004	30	17	3	20	0	22	22	6742.26	14	1	23
	Dec 2004	27	19	4	23	22	0	22	6746.05	15	0	22
	Jan 2005	27	18	4	22	22	0	22	6746.05	15	0	22
	Feb 2005	25	17	3	20	20	0	20	6746.05	15	0	20
	Mar 2005	39	30	6	36	36	0	36	6746.05	15	5	31
	Apr 2005	84	66	15	81	81	0	81	6746.05	15	30	51
	May 2005	239	75	41	116	116	0	116	6746.05	15	55	61
	Jun 2005	302	61	50	111	111	0	111	6746.05	15	60	51
	Jul 2005	134	95	21	116	116	0	116	6746.05	15	65	51
	Aug 2005	66	104	12	116	116	0	116	6746.05	15	65	51
	Sep 2005	39	101	8	109	109	0	109	6746.05	15	55	54
	WY 2005	1045	659	170	829	787	43	830			359	475
	Oct 2005	42	78	7	85	85	0	85	6746.05	15	30	55
	Nov 2005	36	49	5	54	54	0	54	6746.05	15	0	54
	Dec 2005	30	81	5	86	86	0	86	6746.05	15	0	86
	Jan 2006	29	81	5	86	86	0	86	6746.05	15	0	86
	Feb 2006	27	74	4	78	78	0	78	6746.05	15	0	78
	Mar 2006	42	81	7	88	88	0	88	6746.05	15	5	83
	Apr 2006	94	93	17	110	110	0	110	6746.05	15	30	80
	May 2006	269	69	47	116	116	0	116	6746.05	15	55	61
	Jun 2006	340	56	56	112	112	0	112	6746.05	15	60	52
	Jul 2006	150	93	23	116	116	0	116	6746.05	15	65	51
	Aug 2006	74	103	13	116	116	0	116	6746.05	15	65	51
	Sep 2006	44	103	9	112	112	0	112	6746.05	15	55	57
	WY 2006	1177	961	198	1159	1159	0	1159			365	794
	Oct 2006	47	90	8	98	98	0	98	6746.05	15	30	68
	Nov 2006	40	60	6	66	66	0	66	6746.05	15	0	66

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Vallecito Reservoir

		Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Dec 2003	5	0	7631.78	48
H	Jan 2004	5	0	7634.30	53
I	Feb 2004	4	0	7636.34	57
S	Mar 2004	16	0	7643.57	72
T	Apr 2004	25	7	7651.11	90
O	May 2004	73	44	7662.38	118
R	Jun 2004	51	49	7663.00	120
I	Jul 2004	20	42	7654.40	98
C	Aug 2004	9	38	7642.16	69
A	Sep 2004	23	26	7640.41	65
	WY 2004	243	210		
L	Oct 2004	19	8	7645.31	76
*	Nov 2004	13	7	7647.85	82
	Dec 2004	8	13	7645.70	77
	Jan 2005	7	7	7645.70	77
	Feb 2005	6	6	7645.87	77
	Mar 2005	9	3	7648.23	83
	Apr 2005	20	7	7653.68	96
	May 2005	54	43	7657.91	107
	Jun 2005	65	46	7665.41	127
	Jul 2005	28	42	7660.27	113
	Aug 2005	16	38	7651.53	91
	Sep 2005	13	26	7646.00	78
	WY 2005	258	246		
	Oct 2005	13	8	7647.97	82
	Nov 2005	8	10	7647.16	80
	Dec 2005	5	6	7647.12	80
	Jan 2006	5	5	7647.08	80
	Feb 2006	5	4	7647.25	81
	Mar 2006	7	3	7649.03	85
	Apr 2006	19	10	7652.71	94
	May 2006	60	48	7657.59	106
	Jun 2006	74	49	7666.91	131
	Jul 2006	32	43	7662.67	119
	Aug 2006	17	37	7655.00	99
	Sep 2006	14	30	7648.61	84
	WY 2006	259	253		
	Oct 2006	14	12	7649.45	86
	Nov 2006	9	2	7652.15	92

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Navajo Reservoir

		Mod_Unreg Inflow 1000 Ac-Ft	Azetea Tunnel_Div 1000 Ac-Ft	Reg Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	NIIP Diversion 1000 ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Farm Flow 1000 Ac-Ft
*	Dec 2003	18	0	13	0	0	16	5996.36	710	78
H	Jan 2004	17	0	13	0	0	16	5995.94	707	60
I	Feb 2004	24	0	20	1	1	15	5996.45	711	33
S	Mar 2004	120	12	94	1	4	16	6005.51	784	58
T	Apr 2004	152	15	119	2	11	21	6015.33	869	98
O	May 2004	225	30	168	3	28	22	6027.58	984	155
R	Jun 2004	133	20	109	3	40	22	6031.96	1028	115
I	Jul 2004	22	2	40	3	39	33	6028.39	992	48
C	Aug 2004	-2	0	26	3	39	45	6022.11	932	41
A	Sep 2004	58	2	61	2	19	36	6022.48	935	67
	WY 2004	805	81	693	20	188	285			853
L	Oct 2004	55	2	42	1	4	22	6024.04	950	54
*	Nov 2004	46	1	37	1	0	15	6026.25	971	47
	Dec 2004	23	0	28	0	0	16	6027.48	983	16
	Jan 2005	21	0	21	0	0	15	6028.00	989	15
	Feb 2005	26	0	26	1	0	16	6028.92	998	16
	Mar 2005	75	1	69	1	5	19	6033.29	1042	19
	Apr 2005	139	16	109	2	24	21	6039.27	1105	21
	May 2005	220	22	188	3	30	51	6048.47	1208	51
	Jun 2005	206	39	147	4	43	115	6047.16	1193	115
	Jul 2005	67	2	79	4	48	33	6046.65	1187	33
	Aug 2005	36	0	58	3	43	48	6043.43	1150	48
	Sep 2005	32	0	45	2	19	31	6042.75	1143	31
	WY 2005	946	83	849	22	216	402			466
	Oct 2005	40	0	35	2	13	27	6042.22	1137	27
	Nov 2005	32	0	34	1	1	16	6043.67	1153	16
	Dec 2005	23	0	23	1	0	15	6044.32	1160	15
	Jan 2006	21	0	21	1	0	15	6044.77	1165	15
	Feb 2006	28	0	28	1	0	15	6045.80	1177	15
	Mar 2006	80	0	76	1	5	18	6050.25	1228	18
	Apr 2006	153	8	136	2	25	21	6057.55	1317	21
	May 2006	248	44	192	4	32	51	6065.69	1422	51
	Jun 2006	231	35	172	4	45	115	6066.22	1429	115
	Jul 2006	76	3	85	5	50	27	6066.44	1432	27
	Aug 2006	41	3	58	4	45	31	6064.80	1410	31
	Sep 2006	36	1	50	3	20	21	6065.28	1416	21
	WY 2006	1009	94	910	29	236	372			372
	Oct 2006	44	0	42	2	12	21	6065.82	1424	21
	Nov 2006	35	0	28	1	1	30	6065.59	1421	30

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Lake Powell

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Bank Storage 1000 Ac-Ft	EOM Storage 1000 Ac-Ft	Lees Ferry 1000 Ac-Ft
*	Dec 2003	289	305	20	602	0	602	3597.22	18960	11487	610
H	Jan 2004	288	305	13	789	0	789	3591.80	18966	10984	802
I	Feb 2004	244	253	14	743	0	743	3586.84	18910	10537	759
S	Mar 2004	539	417	11	805	0	805	3582.78	18867	10180	815
T	Apr 2004	817	609	18	649	2	651	3582.93	18797	10193	653
O	May 2004	1181	972	24	596	1	595	3587.17	18776	10566	601
R	Jun 2004	1096	835	35	802	0	802	3586.16	18832	10476	809
I	Jul 2004	546	468	36	900	0	900	3579.70	18927	9914	909
C	Aug 2004	176	303	39	896	0	896	3572.10	18931	9278	904
A	Sep 2004	322	414	36	484	0	484	3570.77	18933	9169	487
	WY 2004	6128	5593	296	8231	3	8232				8329
L	Oct 2004	505	517	20	493	0	493	3570.50	18958	9148	493
*	Nov 2004	558	481	17	623	93	716	3567.28	18965	8889	729
	Dec 2004	400	392	21	600	0	600	3564.60	18948	8677	600
	Jan 2005	400	394	15	779	0	779	3559.78	18918	8306	779
	Feb 2005	400	379	14	723	0	723	3555.36	18892	7975	723
	Mar 2005	597	491	17	807	0	807	3551.14	18867	7667	807
	Apr 2005	838	668	19	500	0	500	3553.04	18878	7805	500
	May 2005	1843	1484	27	600	0	600	3563.59	18941	8599	600
	Jun 2005	2465	2067	33	800	0	800	3577.67	19033	9741	800
	Jul 2005	1246	1110	40	855	0	855	3580.01	19049	9941	855
	Aug 2005	490	583	41	856	0	856	3576.59	19026	9650	856
	Sep 2005	380	488	35	500	0	500	3576.07	19022	9607	500
	WY 2005	10122	9054	299	8136	93	8229				8242
	Oct 2005	502	560	31	492	0	492	3576.47	19025	9640	492
	Nov 2005	496	521	26	700	0	700	3574.19	19009	9450	700
	Dec 2005	396	482	22	600	0	600	3572.62	18999	9321	600
	Jan 2006	365	449	16	792	0	792	3568.53	18973	8989	792
	Feb 2006	379	439	15	723	0	723	3565.04	18950	8712	723
	Mar 2006	597	598	18	807	0	807	3562.33	18934	8501	807
	Apr 2006	887	769	21	500	0	500	3565.29	18952	8732	500
	May 2006	2074	1689	29	600	0	600	3577.34	19031	9713	600
	Jun 2006	2773	2288	36	800	0	800	3592.60	19138	11057	800
	Jul 2006	1402	1200	43	858	0	858	3595.59	19160	11334	858
	Aug 2006	552	596	44	858	0	858	3592.53	19138	11051	858
	Sep 2006	428	515	38	500	0	500	3592.30	19136	11030	500
	WY 2006	10851	10106	339	8230	0	8230				8230
	Oct 2006	558	601	34	600	0	600	3591.97	19133	10999	600
	Nov 2006	551	582	29	600	0	600	3591.49	19130	10956	600

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Hoover Dam - Lake Mead

		Glen Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	SNWP Use 1000 Ac-Ft	Dwnstrm Reqmnts 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
*	Dec 2003	602	46	47	623	10.1	19	621	994	1139.12	15300
H	Jan 2004	789	40	38	633	10.3	15	635	1003	1140.39	15434
I	Feb 2004	743	77	35	806	14.0	10	790	1001	1140.11	15404
S	Mar 2004	805	40	39	946	15.4	19	942	992	1138.70	15255
T	Apr 2004	651	55	48	1049	17.6	21	1033	966	1134.98	14866
O	May 2004	595	43	54	1124	18.3	37	1121	931	1129.70	14324
R	Jun 2004	802	-8	65	995	16.7	32	994	913	1126.93	14044
I	Jul 2004	900	38	80	952	15.5	34	951	905	1125.73	13924
C	Aug 2004	896	82	85	763	12.4	29	763	911	1126.67	14018
A	Sep 2004	484	95	70	568	9.5	27	561	906	1125.86	13937
	WY 2004	8232	575	669	9635		289	9583			
L	Oct 2004	493	114	51	365	5.9	24	325	916	1127.43	14094
*	Nov 2004	716	144	52	502	8.4	16	500	934	1130.13	14367
	Dec 2004	600	52	45	493	8.0	6	493	940	1131.13	14469
	Jan 2005	779	65	37	618	10.1	12	618	951	1132.75	14635
	Feb 2005	723	67	34	720	13.0	11	720	953	1132.98	14659
	Mar 2005	807	59	38	974	15.8	19	974	943	1131.47	14504
	Apr 2005	500	14	46	1116	18.8	24	1116	902	1125.21	13872
	May 2005	600	29	52	1030	16.8	30	1030	872	1120.61	13418
	Jun 2005	800	17	62	894	15.0	30	894	862	1118.96	13259
	Jul 2005	855	49	77	871	14.2	30	871	857	1118.24	13189
	Aug 2005	856	96	82	800	13.0	30	800	860	1118.62	13226
	Sep 2005	500	104	68	597	10.0	28	597	854	1117.77	13143
	WY 2005	8229	810	644	8980		260	8939			
	Oct 2005	492	43	49	433	7.0	28	433	856	1118.00	13166
	Nov 2005	700	39	49	636	10.7	20	636	858	1118.33	13198
	Dec 2005	600	52	43	623	10.1	18	623	856	1118.02	13168
	Jan 2006	792	65	35	690	11.2	12	690	863	1119.19	13281
	Feb 2006	723	67	32	689	12.4	11	689	867	1119.75	13336
	Mar 2006	807	59	36	989	16.1	19	989	856	1118.03	13169
	Apr 2006	500	14	44	1124	18.9	24	1124	815	1111.35	12533
	May 2006	600	29	49	1032	16.8	30	1032	785	1106.49	12080
	Jun 2006	800	17	59	900	15.1	30	900	775	1104.73	11919
	Jul 2006	858	49	73	873	14.2	30	873	771	1104.02	11854
	Aug 2006	858	96	78	807	13.1	30	807	773	1104.43	11891
	Sep 2006	500	104	64	591	9.9	28	591	768	1103.62	11817
	WY 2006	8230	634	611	9387		280	9387			
	Oct 2006	600	43	47	322	5.2	28	322	783	1106.15	12048
	Nov 2006	600	39	47	663	11.1	20	663	778	1105.22	11963

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Davis Dam - Lake Mohave

		Hoover Release 1000 Ac-Ft	Side inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Spill Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
*	Dec 2003	623	-18	540	0	540	8.8	638.98	1590
H	Jan 2004	633	-20	580	0	580	9.4	640.22	1623
I	Feb 2004	806	-17	695	0	695	12.1	643.62	1716
S	Mar 2004	946	-25	958	0	958	15.6	642.21	1677
T	Apr 2004	1049	-12	1033	0	1033	17.4	642.33	1680
O	May 2004	1124	-44	1032	0	1032	16.8	644.09	1729
R	Jun 2004	995	-24	1003	0	1003	16.8	642.91	1696
I	Jul 2004	952	-24	918	0	918	14.9	643.29	1707
C	Aug 2004	763	-26	740	0	740	12.0	643.20	1704
A	Sep 2004	568	-13	653	0	653	11.0	639.54	1605
	WY 2004	9635	-241	9426	0	9426			
L	Oct 2004	365	3	464	0	464	7.5	635.90	1509
*	Nov 2004	502	-18	480	0	480	8.1	636.02	1512
	Dec 2004	493	-22	379	0	379	6.2	639.51	1604
	Jan 2005	618	-17	538	0	538	8.8	641.80	1666
	Feb 2005	720	-18	669	0	669	12.1	643.01	1699
	Mar 2005	974	-31	942	0	942	15.3	643.01	1699
	Apr 2005	1116	-33	1083	0	1083	18.2	643.01	1699
	May 2005	1030	-29	1000	0	1000	16.3	643.01	1699
	Jun 2005	894	-28	893	0	893	15.0	642.00	1671
	Jul 2005	871	-30	854	0	854	13.9	641.50	1658
	Aug 2005	800	-30	769	0	769	12.5	641.50	1658
	Sep 2005	597	-17	673	0	673	11.3	638.00	1564
	WY 2005	8980	-270	8744	0	8744			
	Oct 2005	433	-6	620	0	620	10.1	630.49	1371
	Nov 2005	636	-13	534	0	534	9.0	634.00	1460
	Dec 2005	623	-26	473	0	473	7.7	638.71	1583
	Jan 2006	690	-17	589	0	589	9.6	641.80	1666
	Feb 2006	689	-18	671	0	671	12.1	641.80	1666
	Mar 2006	989	-31	936	0	936	15.2	642.60	1688
	Apr 2006	1124	-33	1079	0	1079	18.1	643.01	1699
	May 2006	1032	-29	1002	0	1002	16.3	643.01	1699
	Jun 2006	900	-28	899	0	899	15.1	642.00	1671
	Jul 2006	873	-30	856	0	856	13.9	641.50	1658
	Aug 2006	807	-30	776	0	776	12.6	641.50	1658
	Sep 2006	591	-17	667	0	667	11.2	638.00	1564
	WY 2006	9387	-278	9102	0	9102			
	Oct 2006	322	-6	508	0	508	8.3	630.49	1371
	Nov 2006	663	-13	560	0	560	9.4	634.00	1460

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Parker Dam - Lake Havasu

		Davis Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	MWD Diversion 1000 Ac-Ft	CAP diversion 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft	Flow_to Mexico 1000 Ac-Ft	Flow_to Mexico 1000 CFS
*	Dec 2003	540	9	347	5.6	75	171	444.52	516	121	2.0
H	Jan 2004	580	-4	333	5.4	60	188	444.21	511	129	2.1
I	Feb 2004	695	1	418	7.3	58	175	446.75	557	169	2.9
S	Mar 2004	958	-12	724	11.8	57	186	445.64	536	202	3.3
T	Apr 2004	1033	-6	751	12.6	71	181	446.84	558	212	3.6
O	May 2004	1032	-16	734	11.9	68	188	448.14	583	112	1.8
R	Jun 2004	1003	-24	739	12.4	69	165	448.39	587	109	1.8
I	Jul 2004	918	-23	731	11.9	52	104	448.77	595	121	2.0
C	Aug 2004	740	-17	654	10.6	43	45	447.70	574	98	1.6
A	Sep 2004	653	-1	525	8.8	42	70	448.47	589	94	1.6
	WY 2004	9426	-96	6801		722	1773			1540	
L	Oct 2004	464	22	420	6.8	40	3	449.60	611	112	1.8
*	Nov 2004	480	39	286	4.8	97	171	447.78	576	99	1.7
	Dec 2004	379	12	153	2.5	75	178	447.00	561	119	1.9
	Jan 2005	538	12	369	6.0	32	171	445.80	539	130	2.1
	Feb 2005	669	0	467	8.4	33	168	445.80	539	155	2.8
	Mar 2005	942	-8	669	10.9	62	187	446.70	555	200	3.3
	Apr 2005	1083	-8	796	13.4	60	181	448.71	594	193	3.2
	May 2005	1000	0	740	12.0	62	180	449.60	611	109	1.8
	Jun 2005	893	-13	733	12.3	30	116	449.60	611	111	1.9
	Jul 2005	854	-7	763	12.4	31	83	448.00	580	121	2.0
	Aug 2005	769	-2	665	10.8	31	80	447.50	570	100	1.6
	Sep 2005	673	-6	559	9.4	37	84	446.81	557	90	1.5
	WY 2005	8744	41	6620		590	1602			1539	
	Oct 2005	620	-4	484	7.9	38	103	446.29	548	72	1.2
	Nov 2005	534	3	375	6.3	44	123	446.00	543	99	1.7
	Dec 2005	473	12	320	5.2	52	117	445.80	539	119	1.9
	Jan 2006	589	12	356	5.8	59	186	445.80	539	130	2.1
	Feb 2006	671	0	466	8.4	33	168	446.00	543	155	2.8
	Mar 2006	936	-8	667	10.8	62	186	446.70	555	200	3.3
	Apr 2006	1079	-8	793	13.3	60	180	448.71	594	193	3.2
	May 2006	1002	0	737	12.0	62	185	449.60	611	109	1.8
	Jun 2006	899	-13	730	12.3	30	125	449.60	611	111	1.9
	Jul 2006	856	-7	760	12.4	31	88	448.00	580	121	2.0
	Aug 2006	776	-2	662	10.8	31	90	447.50	570	100	1.6
	Sep 2006	667	-6	556	9.3	30	87	446.81	557	90	1.5
	WY 2006	9102	-21	6906		532	1638			1499	
	Oct 2006	508	-4	482	7.8	31	0	446.31	548	76	1.2
	Nov 2006	560	3	373	6.3	41	155	446.00	543	99	1.7

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Hoover Dam - Lake Mead

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Hoover Static Head Feet	Hoover Generator Capacity MW	Hoover Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Dec 2003	623	10.1	1139.12	15300	-38	0.00	1141.0	266.0	62	426.8
H	Jan 2004	633	10.3	1140.39	15434	134	0.00	1141.0	270.3	62	426.9
I	Feb 2004	806	14.0	1140.11	15404	-29	0.00	1251.0	349.0	68	433.3
S	Mar 2004	946	15.4	1138.70	15255	-149	0.00	1270.0	391.6	69	414.1
T	Apr 2004	1049	17.6	1134.98	14866	-389	0.00	1194.0	450.9	69	429.9
O	May 2004	1124	18.3	1129.70	14324	-542	0.00	1767.0	474.0	100	421.6
R	Jun 2004	995	16.7	1126.93	14044	-280	0.00	1731.0	410.2	100	412.2
I	Jul 2004	952	15.5	1125.73	13924	-120	0.00	1731.0	388.3	100	407.6
C	Aug 2004	763	12.4	1126.67	14018	94	0.00	1731.0	305.8	100	400.6
A	Sep 2004	568	9.5	1125.86	13937	-81	0.00	1731.0	221.5	100	390.1
	WY 2004	9635							4025.4		
L	Oct 2004	365	5.9	1127.43	14094	157	0.00	1298.0	134.7	75	369.3
*	Nov 2004	502	8.4	1130.13	14367	273	0.00	1194.0	201.0	69	400.6
	Dec 2004	493	8.0	1131.13	14469	102	483.56	1211.7	209.5	70	425.2
	Jan 2005	618	10.1	1132.75	14635	167	482.30	1315.6	262.6	76	424.9
	Feb 2005	720	13.0	1132.98	14659	23	482.07	1315.6	312.9	76	434.2
	Mar 2005	974	15.8	1131.47	14504	-155	480.93	1332.9	425.1	77	436.5
	Apr 2005	1116	18.8	1125.21	13872	-632	475.96	1506.0	483.8	87	433.4
	May 2005	1030	16.8	1120.61	13418	-454	469.12	1731.0	429.6	100	417.1
	Jun 2005	894	15.0	1118.96	13259	-159	466.34	1731.0	372.1	100	416.2
	Jul 2005	871	14.2	1118.24	13189	-70	465.65	1731.0	367.3	100	421.6
	Aug 2005	800	13.0	1118.62	13226	37	465.65	1731.0	333.9	100	417.3
	Sep 2005	597	10.0	1117.77	13143	-83	466.55	1731.0	244.6	100	409.9
	WY 2005	8980							3777.2		
	Oct 2005	433	7.0	1118.00	13166	23	469.14	1609.8	175.5	93	405.0
	Nov 2005	636	10.7	1118.33	13198	31	473.98	1280.9	265.2	74	416.7
	Dec 2005	623	10.1	1118.02	13168	-29	471.62	1280.9	260.4	74	418.2
	Jan 2006	690	11.2	1119.19	13281	113	469.50	1280.9	287.4	74	416.6
	Feb 2006	689	12.4	1119.75	13336	54	469.35	1280.9	291.3	74	422.6
	Mar 2006	989	16.1	1118.03	13169	-167	468.51	1280.9	417.4	74	422.2
	Apr 2006	1124	18.9	1111.35	12533	-636	462.50	1506.0	475.1	87	422.8
	May 2006	1032	16.8	1106.49	12080	-453	455.21	1731.0	419.1	100	406.2
	Jun 2006	900	15.1	1104.73	11919	-161	452.25	1731.0	364.8	100	405.4
	Jul 2006	873	14.2	1104.02	11854	-65	451.52	1731.0	358.2	100	410.3
	Aug 2006	807	13.1	1104.43	11891	37	451.53	1731.0	328.2	100	406.6
	Sep 2006	591	9.9	1103.62	11817	-74	452.47	1731.0	235.7	100	399.0
	WY 2006	9387							3878.3		
	Oct 2006	322	5.2	1106.15	12048	231	456.21	1609.8	121.2	93	376.4
	Nov 2006	663	11.1	1105.22	11963	-85	461.54	1280.9	271.8	74	410.1

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Davis Dam - Lake Mohave

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Davis Static Head Feet	Davis Generator Capacity MW	Davis Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Dec 2003	540	8.8	638.98	1590	65	0.00	173.0	65.3	68	120.9
H	Jan 2004	580	9.4	640.22	1623	33	0.00	163.0	72.2	64	124.6
I	Feb 2004	695	12.1	643.62	1716	92	0.00	189.0	86.8	74	124.8
S	Mar 2004	958	15.6	642.21	1677	-38	0.00	209.0	121.6	82	126.9
T	Apr 2004	1033	17.4	642.33	1680	3	0.00	255.0	128.5	100	124.4
O	May 2004	1032	16.8	644.09	1729	48	0.00	255.0	130.0	100	126.0
R	Jun 2004	1003	16.8	642.91	1696	-32	0.00	255.0	119.7	100	119.4
I	Jul 2004	918	14.9	643.29	1707	10	0.00	255.0	114.1	100	124.3
C	Aug 2004	740	12.0	643.20	1704	-2	0.00	255.0	92.3	100	124.7
A	Sep 2004	653	11.0	639.54	1605	-99	0.00	255.0	81.2	100	124.2
	WY 2004	9425							1164.1		
L	Oct 2004	464	7.5	635.90	1509	-96	0.00	204.0	56.7	80	122.3
*	Nov 2004	480	8.1	636.02	1512	3	0.00	196.0	57.9	77	120.5
	Dec 2004	379	6.2	639.51	1604	92	133.01	173.4	46.9	68	123.8
	Jan 2005	538	8.8	641.80	1666	62	136.36	163.2	67.5	64	125.3
	Feb 2005	669	12.1	643.01	1699	33	137.30	188.7	84.1	74	125.7
	Mar 2005	942	15.3	643.01	1699	0	137.29	209.1	118.0	82	125.2
	Apr 2005	1083	18.2	643.01	1699	0	136.05	255.0	134.6	100	124.3
	May 2005	1000	16.3	643.01	1699	0	136.05	255.0	125.0	100	124.9
	Jun 2005	893	15.0	642.00	1671	-28	135.52	255.0	111.5	100	124.8
	Jul 2005	854	13.9	641.50	1658	-14	134.73	255.0	106.3	100	124.5
	Aug 2005	769	12.5	641.50	1658	0	134.46	255.0	96.0	100	124.7
	Sep 2005	673	11.3	638.00	1564	-94	132.63	255.0	83.2	100	123.6
	WY 2005	8746							1087.6		
	Oct 2005	620	10.1	630.49	1371	-193	128.32	204.0	73.8	80	119.1
	Nov 2005	534	9.0	634.00	1460	89	126.46	196.3	62.8	77	117.7
	Dec 2005	473	7.7	638.71	1583	123	131.54	173.4	57.7	68	121.9
	Jan 2006	589	9.6	641.80	1666	83	135.97	163.2	73.4	64	124.7
	Feb 2006	671	12.1	641.80	1666	0	136.69	188.7	84.0	74	125.1
	Mar 2006	936	15.2	642.60	1688	22	136.48	209.1	116.5	82	124.5
	Apr 2006	1079	18.1	643.01	1699	11	135.84	255.0	134.0	100	124.2
	May 2006	1002	16.3	643.01	1699	0	136.05	255.0	125.2	100	124.9
	Jun 2006	899	15.1	642.00	1671	-28	135.52	255.0	112.2	100	124.8
	Jul 2006	856	13.9	641.50	1658	-14	134.73	255.0	106.5	100	124.5
	Aug 2006	776	12.6	641.50	1658	0	134.46	255.0	96.8	100	124.7
	Sep 2006	667	11.2	638.00	1564	-94	132.63	255.0	0.0	100	0.0
	WY 2006	9102							1042.9		
	Oct 2006	508	8.3	630.49	1371	-193	128.32	204.0	0.0	80	0.0
	Nov 2006	560	9.4	634.00	1460	89	126.46	196.3	-22228483036673293921823711983724134	4.0	77

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Parker Dam - Lake Havasu

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Parker Static Head Feet	Parker Generator Capacity MW	Parker Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Dec 2003	347	5.6	444.52	516	-44	0.00	103.0	23.1	86	66.5
H	Jan 2004	333	5.4	444.21	511	-6	0.00	120.0	21.6	100	64.9
I	Feb 2004	418	7.3	446.75	557	46	0.00	120.0	28.0	100	66.9
S	Mar 2004	724	11.8	445.64	536	-20	0.00	120.0	48.7	100	67.3
T	Apr 2004	751	12.6	446.84	558	3	0.00	120.0	50.2	100	66.9
O	May 2004	734	11.9	448.14	583	24	0.00	120.0	50.3	100	68.5
R	Jun 2004	739	12.4	448.39	587	5	0.00	120.0	49.5	100	67.0
I	Jul 2004	731	11.9	448.77	595	7	0.00	120.0	49.4	100	67.6
C	Aug 2004	654	10.6	447.70	574	-20	0.00	120.0	44.3	100	67.7
A	Sep 2004	525	8.8	448.47	589	15	0.00	120.0	35.7	100	68.0
	WY 2004	6802							458.3		
L	Oct 2004	420	6.8	449.60	611	22	0.00	90.0	28.8	75	68.6
*	Nov 2004	286	4.8	447.78	576	-35	0.00	90.0	19.1	75	66.7
	Dec 2004	153	2.5	447.00	561	-15	76.19	90.0	10.1	75	65.8
	Jan 2005	369	6.0	445.80	539	-22	75.22	90.0	23.8	75	64.4
	Feb 2005	467	8.4	445.80	539	0	74.64	90.0	30.4	75	65.0
	Mar 2005	669	10.9	446.70	555	16	75.08	90.0	44.1	75	66.0
	Apr 2005	796	13.4	448.71	594	38	75.09	120.0	52.5	100	66.0
	May 2005	740	12.0	449.60	611	18	76.49	120.0	49.5	100	66.9
	Jun 2005	733	12.3	449.60	611	0	76.93	120.0	49.3	100	67.3
	Jul 2005	763	12.4	448.00	580	-31	76.15	120.0	50.9	100	66.7
	Aug 2005	665	10.8	447.50	570	-10	75.13	120.0	43.7	100	65.7
	Sep 2005	559	9.4	446.81	557	-13	74.86	112.8	36.4	94	65.2
	WY 2005	6620							438.6		
	Oct 2005	484	7.9	446.29	548	-9	75.24	92.4	31.6	77	65.3
	Nov 2005	375	6.3	446.00	543	-5	74.79	93.6	24.1	78	64.2
	Dec 2005	320	5.2	445.80	539	-4	74.07	103.2	20.2	86	63.0
	Jan 2006	356	5.8	445.80	539	0	74.64	90.0	22.7	75	63.9
	Feb 2006	466	8.4	446.00	543	4	74.74	90.0	30.3	75	65.1
	Mar 2006	667	10.8	446.70	555	13	75.17	90.0	44.0	75	66.0
	Apr 2006	793	13.3	448.71	594	38	75.09	120.0	52.3	100	66.0
	May 2006	737	12.0	449.60	611	18	76.49	120.0	49.3	100	66.9
	Jun 2006	730	12.3	449.60	611	0	76.93	120.0	49.1	100	67.3
	Jul 2006	760	12.4	448.00	580	-31	76.15	120.0	50.7	100	66.7
	Aug 2006	662	10.8	447.50	570	-10	75.13	120.0	43.5	100	65.7
	Sep 2006	556	9.3	446.81	557	-13	74.86	112.8	36.3	94	65.2
	WY 2006	6905							454.1		
	Oct 2006	482	7.8	446.31	548	-9	75.25	92.4	31.5	77	65.3
	Nov 2006	373	6.3	446.00	543	-6	74.80	93.6	24.0	78	64.2

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T Y M R E S E R V O I R S

Bureau of Reclamation - CRFS 12/2004 Most Prob Water Supply 08-dec-2004 14:46:01

Upper Basin Power

		Glen Canyon 1000 MWHR	Flam Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Res 1000 MWHR	Font Res 1000 MWHR
*	Dec 2003	251	22	4	5	1	3
H	Jan 2004	325	17	4	6	0	3
I	Feb 2004	304	16	5	5	0	3
S	Mar 2004	312	18	3	6	0	3
	Winter 2004	1619	105	26	36	4	16
T	Apr 2004	263	17	8	14	4	7
O	May 2004	239	37	9	16	0	4
R	Jun 2004	324	20	16	22	0	5
I	Jul 2004	360	20	28	34	0	8
C	Aug 2004	354	21	28	33	0	7
A	Sep 2004	188	20	24	31	0	2
	Summer 2004	1729	135	112	150	4	33
L	Oct 2004	191	16	16	19	7	4
*	Nov 2004	242	16	3	6	0	5
	Dec 2004	218	18	6	7	4	6
	Jan 2005	281	18	5	6	4	6
	Feb 2005	258	16	4	6	4	5
	Mar 2005	285	18	8	11	7	5
	Winter 2005	1475	101	42	55	26	31
	Apr 2005	176	17	17	24	15	6
	May 2005	214	44	15	27	22	7
	Jun 2005	295	64	13	22	21	8
	Jul 2005	321	27	28	34	22	10
	Aug 2005	321	27	32	37	22	7
	Sep 2005	187	26	31	36	21	6
	Summer 2005	1514	206	136	181	122	44
	Oct 2005	184	27	23	28	16	6
	Nov 2005	261	26	14	18	10	6
	Dec 2005	222	27	24	29	16	6
	Jan 2006	292	27	23	29	16	6
	Feb 2006	264	24	21	27	15	5
	Mar 2006	292	40	22	29	17	5
	Winter 2006	1515	171	126	160	90	34
	Apr 2006	181	39	23	34	21	5
	May 2006	221	59	12	25	22	6
	Jun 2006	305	74	11	20	21	8
	Jul 2006	333	23	27	34	22	9
	Aug 2006	333	23	32	37	22	6
	Sep 2006	194	27	31	37	21	6
	Summer 2006	1568	245	136	186	129	41
	Oct 2006	232	25	27	32	18	6
	Nov 2006	232	24	17	22	12	6

model_run_id = 1425

F L O O D C O N T R O L C R I T E R I A
B E G I N N I N G O F M O N T H C O N D I T I O N S

					UPPER							TOT OR				BOM	MEAD	MEAD
	FLAMING	BLUE		LAKE	BASIN	LAKE		FLAMING	BLUE		MAX	LAKE	LAKE		SPACE	SCHED	FC	SYS
MON YEAR	GORGE	MESA	NAVAJO	POWELL	TOTAL	MEAD	TOTAL	GORGE	MESA	NAVAJO	ALLOW	POWELL	MEAD	TOTAL	REQD	REL	REL	CONT
	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	MAF
	* * * * P R E D I C T E D S P A C E * * * *							* * * * C R E D I T A B L E S P A C E * * * *										
DEC 2004	1109	336	725	15431	17601	13013	30614	1109	336	725	2170	15431	13013	30614	4580	493	0	30.0
JAN 2005	1117	337	713	15643	17809	12911	30720	1117	337	713	2166	15643	12911	30720	5350	618	0	29.8
								* * * * E F F E C T I V E S P A C E * * * *										
JAN 2005	1117	337	713	15643	17809	12911	30720	593	337	368	1298	15643	12911	29851	5350	618	0	29.8
FEB 2005	1124	333	707	16014	18178	12745	30923	597	333	363	1292	16014	12745	30051	1500	720	0	29.5
MAR 2005	1123	329	698	16345	18494	12721	31215	591	329	353	1273	16345	12721	30339	1500	974	0	29.2
APR 2005	1076	326	654	16653	18709	12876	31585	539	326	303	1168	16653	12876	30697	1500	1116	0	28.9
MAY 2005	996	324	591	16515	18426	13508	31934	451	324	214	989	16515	13508	31012	1500	1030	0	29.6
JUN 2005	887	214	488	15721	17311	13962	31272	331	209	78	618	15721	13962	30301	1500	894	0	30.9
JUL 2005	703	44	503	14579	15829	14121	29950	133	18	46	198	14579	14121	28897	1500	871	0	31.1
								* * * * C R E D I T A B L E S P A C E * * * *										
AUG 2005	587	27	509	14379	15503	14191	29694	587	27	509	1124	14379	14191	29694	1500	800	0	30.7
SEP 2005	590	69	546	14670	15874	14154	30027	590	69	546	1204	14670	14154	30027	2270	597	0	30.4
OCT 2005	622	129	553	14713	16017	14237	30254	622	129	553	1304	14713	14237	30254	3040	433	0	30.2
NOV 2005	645	171	559	14680	16054	14214	30268	645	171	559	1375	14680	14214	30268	3810	636	0	30.1
DEC 2005	670	191	543	14870	16274	14182	30456	670	191	543	1404	14870	14182	30456	4580	623	0	29.9
JAN 2006	711	248	536	14999	16493	14212	30705	711	248	536	1494	14999	14212	30705	5350	690	0	29.7
								* * * * E F F E C T I V E S P A C E * * * *										
JAN 2006	711	248	536	14999	16493	14212	30705	471	245	446	1161	14999	14212	30372	5350	690	0	29.7
FEB 2006	746	306	531	15331	16914	14099	31013	504	302	440	1246	15331	14099	30676	1500	689	0	29.4
MAR 2006	771	358	519	15608	17255	14044	31300	525	353	428	1306	15608	14044	30958	1500	989	0	29.1
APR 2006	786	403	468	15819	17476	14211	31686	537	399	370	1306	15819	14211	31336	1500	1124	0	28.8
MAY 2006	759	413	379	15588	17140	14847	31987	503	413	255	1171	15588	14847	31606	1500	1032	0	29.7
JUN 2006	659	268	274	14607	15808	15300	31108	392	262	114	768	14607	15300	30675	1500	900	0	31.3

JUL 2006	454	60	267	13263	14044	15461	29505	172	34	58	263	13263	15461	28987	1500	873	0 31.7
											* * * * C R E D I T A B L E S P A C E * * * *						
AUG 2006	303	27	264	12986	13579	15526	29105	303	27	264	593	12986	15526	29105	1500	807	0 31.4
SEP 2006	283	59	286	13269	13897	15489	29385	283	59	286	628	13269	15489	29385	2270	591	0 31.1
OCT 2006	309	118	280	13290	13997	15563	29560	309	118	280	707	13290	15563	29560	3040	322	0 31.0
NOV 2006	321	169	272	13321	14083	15332	29414	321	169	272	762	13321	15332	29414	3810	663	0 30.9

Date: January 12, 2005

From: Water Resource Group, Salt Lake City

To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Status

	December inflow(unreg) (Acre-Feet)	Percent of normal	Midnight January 09 Elevation	Reservoir Storage (Acre-Feet)
Fontenelle	49,000	114	6488.04	215,000
Flaming Gorge	64,000	114	6013.29	2,749,000
Blue Mesa	26,000	82	7478.21	493,000
Powell	558,000	103	3563.82	8,617,000
Navajo	46,000	131	6029.01	999,000

Expected Operation

FONTENELLE - The first Water Supply Forecast for Fontenelle Reservoir is forecasting a spring runoff (April through July) inflow volume of 760,000 acre-feet (88% of normal). Based on this forecast it is very likely that Fontenelle Reservoir will be full by August of 2005. It is also likely that bypass releases will be necessary to control reservoir storage during the spring period. Inflows during the months of January, February and March are forecasted to be 33,000, 30,000 and 55,000 acre-feet. These inflow volumes are all above normal for this time of year.

Releases are currently 1200 cfs and the elevation of Fontenelle Reservoir is decreasing at approximately 6 feet per month. The current elevation (January 11, 2005) is approximately 6487 feet above see level. Fontenelle Reservoir will likely be near the minimum active pool elevation (6463 feet above sea level) by mid April.

Open forum discussions on Fontenelle operations take place at the "Fontenelle Reservoir Working Group" meetings. The Working Group is a forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir. The public is encouraged to attend and express their concerns and interests with regard to Fontenelle Reservoir operation. The next Working Group meeting will be scheduled for April of 2005 and will likely be held in Green River, WY. At this time the exact time and place have not been scheduled. For more information about the Working Group, contact Ed Vidmar at 801-379-1182.

FLAMING GORGE - The first Water Supply Forecast for Water Year 2005 has been issued and the April through July unregulated inflow is forecasted to be at 1,100,000 acre-feet (92% of normal). Based on this forecast, Flaming Gorge Reservoir will likely see some significant filling during the spring runoff this year. Inflows during the winter have been near normal so far and are projected to remain above normal for January, February and March as well. The projected April 1st reservoir elevation is now 6017.3 feet above sea level and the August 1st reservoir elevation is now 6026.72.

Snow pack conditions appear to be improving with the basin measuring 104% of normal on January 10, 2005. Conditions in the Yampa River Basin are also improving and currently the snowpack conditions are about 93% of normal.

Releases from Flaming Gorge during the month of January have included some fluctuations. These fluctuations are being made to assist Western Area Power Administration with meeting their customer obligations during a special release regime that is being conducted at Glen Canyon Dam. The fluctuations are limited to a single peak per day of 1600 cfs with base releases of 800 cfs. It is possible that this release regime could continue through the end of March as the special release regime at Glen Canyon is also scheduled through March.

The next "Flaming Gorge Working Group" meeting is to be held on April 21th, 2005 in Vernal, Utah at 10:00 a.m.. The location will be at the Western Park Convention Center. The Working Group is a forum for information exchange between Reclamation and all other parties associated with the operation of Flaming Gorge Reservoir. The public is encouraged to attend and express their concerns and interests with regard to the operation of Flaming Gorge Reservoir. For more information about the Working Group please contact Ed Vidmar at 801-379-1182.

ASPINALL – December unregulated inflow into Blue Mesa Reservoir was 21,000 acre-feet or 81 percent of average. Hydrologic conditions are slowly improving as basin precipitation and snowpack continues to increase. On January 10, 2005 the basin snowpack was averaging 149 percent. For most of the fall month's average precipitation was above normal. The recorded precipitation for these months was 170, 115, and 135 percent of average for September through November respectively. However, precipitation for December was only 80 percent of average. Average stream flow still remains below normal. The current inflow rate into Blue Mesa Reservoir is about 350 cfs and reservoir releases are averaging about 500 cfs. Blue Mesa's present elevation is 7478.21 feet, which corresponds to a storage content of about 493,000 acre-feet.

On January 5, 2005, the National Weather Service's River Forecast Center issued the first seasonal runoff volume forecast for April through July. The forecast is for 720,000 acre-feet, or 100 percent of normal inflow into Blue Mesa for that time period. Based on this forecast, Blue Mesa Reservoir is estimated to fill during this year's spring runoff.

Due to the increase in the projected runoff forecast for the Gunnison River Basin, reservoir releases from Crystal Dam have been increased from 350 cfs to 600 cfs on January 7, 2005. River flows through the Black Canyon of the Gunnison have been set close to the minimum flow rate during the last few winters due to the drought. Current flows in the river are now 600 cfs.

The next meeting of the "Aspinall Unit Working Group" will be held on Thursday, January 20, 2005 at 1:00 PM at the Pavilion Center in Montrose, Colorado, review of last summer and fall reservoir operations, and plans for this winter and next spring 2005 operations will be discussed. These meetings are open forum discussions on the Aspinall Unit reservoir operations with many interested groups participating. Anyone needing further information about these meetings should contact Dan Crabtree in the Grand Junction Area Office at (970) 248-0652.

NAVAJO – Reclamation decreased the release from Navajo Reservoir from 350 cubic feet per

second (cfs) to 250 cfs, at 9:00 a.m. on Monday, November 1, 2004. This release will remain at 250 cfs throughout the winter, or until further notice. Releases are made for the authorized purposes of the Navajo Unit, and to attempt to maintain a target base flow through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell).

Based upon current hydrological conditions and historical hydrologic data, the target base flow should remain above 500 cfs through the critical habitat area. The target base flow is calculated as the weekly average of gaged flows throughout the critical habitat area, therefore daily flows of less than 500 cfs may occur at some gages. Navajo release will be increased if the downstream target base flow drops below 500 cfs.
Reclamation will continue to closely monitor the hydrologic conditions in the basin. As such, this scheduled release change is subject to changes in river flows and weather conditions.

Now the good news, winter storms have been making regular visits into the San Juan Basin during the fall months and are continuing into January. As a direct result of these storms, the inflow into Navajo Reservoir has been 145%, 120%, 131%, and 120% of average for the months of September through December respectively, increasing Navajo Reservoir elevation by 6.66 feet since the end of August.

Currently the upper San Juan basin snowpack stands at 158 percent of average and 159 percent of average for the Animas River basin. The daily reservoir inflow is averaging about 600 cfs and reservoir releases are set at 250 cfs. Presently, the reservoir water surface elevation is 6029.01 feet, which corresponds to a storage content of about 999,000 acre-feet.

On January 5, 2005, the National Weather Service's River Forecast Center issued an inflow forecast for Navajo Reservoir for the April through July runoff period. This forecast is projecting a volume runoff into the reservoir of 925,000 acre-feet, which represents a 114 percent of normal runoff for the upper San Juan Basin.

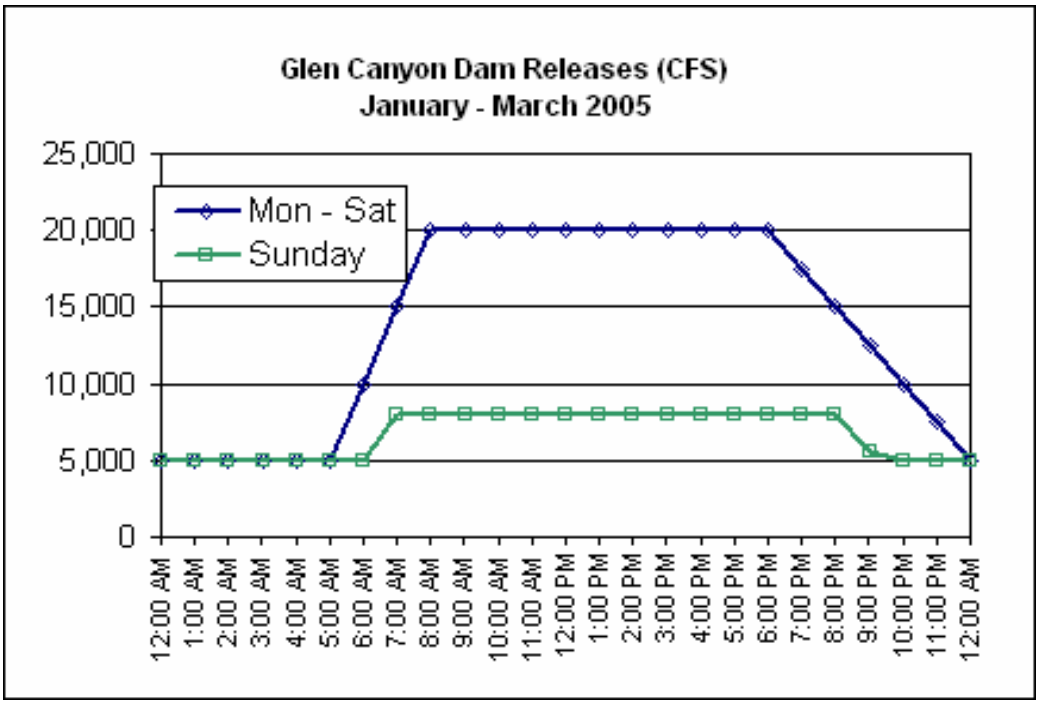
A public meeting on Navajo Reservoir operations will be held on Tuesday, January 18, 2005 at 1:00 p.m. in Farmington, New Mexico. At this meeting, review of last summer and fall reservoir operations, and plans for winter and spring 2005 operations will be discussed. These are open forum discussions on the operation of Navajo Reservoir with many interested groups participating. Anyone interested in the general operation of the reservoir is encouraged to attend. Please contact Pat Page in Reclamation's Durango, Colorado Office at (970) 385-6560 for information about these meetings or the daily operation of Navajo Reservoir.

Lake Powell - Glen Canyon Dam - Current Status

Operations – Experimental Releases

Daily high fluctuating releases from Glen Canyon Dam, as part of the Glen Canyon Dam experimental flows, are being implemented from January 2, 2005 through the first week of April 2005. On Mondays through Saturdays, releases will range between 5,000 cubic feet per second (cfs) and 20,000 cfs. The 20,000 cfs release will be maintained for about 11 hours (from 9:00 am until about 8:00 pm) and the 5,000 cfs release will be maintained for about 6 hours (from 1:00 am until

about 7:00 am). The other hours are transitional, where releases will be between the daily high and the daily low. Releases on Sundays will range between a low of about 5,000 cfs to a high of about 8,000 cfs. The following plot shows the daily scheduled release pattern. It should be noted that actual releases may deviate somewhat from those shown due to real time power systems considerations.



The January through March high fluctuating releases are intended to benefit the endangered humpback chub. Scientists have recognized that the humpback chub population has been in general decline since high fluctuating flows were curtailed in November of 1991. Those flows helped keep the non-native fish, especially the rainbow and brown trout, in check. The trout are thought to prey upon and compete with native fish such as the endangered humpback chub. This is the third consecutive year of high fluctuating winter releases as part of the experimental flows.

Monthly release volumes in January, February, and March 2005 are scheduled to be 779,000, 723,000, and 807,000 acre-feet, respectively, which averages out to about 14,000 cfs per day on Mondays through Saturdays and 6,700 cfs per day on Sundays. On April 8, 2005 high fluctuating releases are scheduled to end.

On November 21, 2004, releases from Glen Canyon Dam were increased for a high-flow experiment. Releases were increased to 41,000 cfs, with this release level maintained for 60 hours. Further information on the high-flow experiment can be found at: http://www.usbr.gov/uc/feature/GCtestflow/index.html.

Because of the draw down condition of Lake Powell, releases from Lake Powell in water year 2005 are being scheduled to meet the minimum release objective of 8.23 million acre-feet. Experimental releases will not change the total volume of water to be released from Lake Powell in water year 2005.

Upper Colorado River Basin Hydrology

Water year 2005 began on October 1, 2004. The Colorado River Basin has now completed 5 consecutive years of drought. In the summer of 1999 Lake Powell was essentially full, with reservoir storage at 97 percent of capacity. Since that time, inflow volumes have been below average for 5 consecutive water years. Total unregulated inflow to Lake Powell in water year 2004 was only 51 percent of average. Unregulated inflow in water years 2000, 2001, 2002, and 2003 was 62, 59, 25, and 51 percent of average, respectively. Inflow in water year 2002 was the lowest ever observed since the completion of Glen Canyon Dam in 1963.

A favorable trend emerged in September 2004 in the Colorado River Basin with a period of three consecutive months of above average precipitation. Basinwide precipitation in September, October and November was 165, 155 and 135 percent of average. Precipitation in December was near average (85 percent), and thus far, the month of January has been very wet in the Colorado River Basin. Basinwide snowpack on January 1, 2005 was 110 percent of average, but has increased to 144 percent of average as of January 11, 2005.

Unregulated inflow to Lake Powell in November was 558,000 acre-feet, or 102 percent of average. This was the first month with above average inflow to Lake Powell since September 1999. Inflow, as a percentage of average, has been increasing since the summer in response to the precipitation events this fall and winter. Unregulated inflow was extremely low this past summer (only 35 and 29 percent of average in July and August, respectively), but increased to 68 percent of average in September, and 92 percent of average in October. Unregulated inflow in December was 87 percent of average. The National Weather Service issued an April through July inflow forecast for Lake Powell on January 4. This forecast is for 7.8 million acre-feet of unregulated inflow (98 percent of average) to Lake Powell in April through July of 2005. A revised forecast (mid-month) will be issued on January 15, and is likely to project above average inflow to Lake Powell due to the persistent storms reaching the basin this month.

The fall precipitation improved soil moisture conditions in the basin. This will favor a more efficient runoff this spring with more snowmelt going to the rivers instead of into the soils as has been the case the past few years. However, drought conditions continue to prevail in the Colorado River Basin. To “break” the drought will require a pattern of above-average precipitation through the winter and into next spring.

Low inflows over the past 5 years have reduced water storage in Lake Powell. As of January 11, 2005, the elevation of Lake Powell is 3,563.7 feet (136.3 feet from full pool). Current storage is 8.6 million acre-feet (36 percent of live capacity). As of January 11, 2005, observed inflow to Lake Powell is about 7,100 cfs, about 85 percent of what is normally seen in mid-January. Inflow is currently rising, however, and will be above average by mid-January.

Under the current inflow forecast, and in combination with scheduled releases, the water surface elevation of Lake Powell is projected to decline until mid-April. The current projections show the lake decreasing to an elevation of about 3,552 feet in early April. The elevation of Lake Powell is projected to increase from April through mid-July of 2005. Current projections show Lake Powell reaching a peak in July 2005 of about 3,590 feet. It should be noted, however, there is considerable uncertainty with these projection. Weather conditions this winter and next spring will

ultimately determine how much runoff there will be into Lake Powell in 2005.

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
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SALT LAKE CITY, UT 84138-1102
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RUNOFF PROJECTIONS AND INFLOW INFORMATION INTO UPPER BASIN RESERVOIR PROVIDED BY THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICE'S COLORADO BASIN RIVER FORECAST CENTER ARE AS FOLLOWS

:	Obs					Forecast			Outlook	
:	sep	oct	nov	dec	%Avg	jan	feb	mar	apr-jul	%Avg
GLDA3:Lake Powell	322	505	558	376	87%:	375/	400/	650/	7800/:	98%
GBRW4:Fontenelle	41	54	49	35	107%:	33/	30/	55/	760/:	88%
GRNU1:Flaming Gorge	46	68	62	37	93%:	45/	50/	115/	1100/:	92%
BMDC2:Blue Mesa	22	28	26	21	81%:	22/	20/	35/	720/:	100%
MPSC2:Morrow Point	23	30	27	22	79%:	24/	22/	38/	785/:	100%
CLSC2:Crystal	25	33	30	25	76%:	27/	25/	45/	895/:	98%
TPIC2:Taylor Park	5.4	5.2	3.9	3.9	84%:	3.7/	3.3/	3.7/	100/:	97%
VCRC2:Vallecito	23	19.2	12.5	9.3	153%:	7/	6.5/	10/	240/:	117%
NVRN5:Navajo	58	55	46	30	120%:	22/	29/	80/	925/:	115%
LEMC2:Lemon	4.6	4.1	2.4	1.64	146%:	1.0/	.9/	1.6/	70/:	121%
MPHC2:McPhee	13.1	8.7	6.6	4.7	104%:	4.8/	5.0/	18/	300/:	94%

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T E M R E S E R V O I R S

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Fontenelle Reservoir

		Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Jan 2004	25	1	47	0	47	6481.72	176
H	Feb 2004	23	1	43	0	43	6477.84	156
I	Mar 2004	58	1	46	0	46	6479.97	167
S	Apr 2004	66	1	44	0	44	6483.56	187
T	May 2004	67	2	59	0	59	6484.57	193
O	Jun 2004	182	2	60	0	60	6501.79	313
R	Jul 2004	168	3	89	54	143	6504.73	336
I	Aug 2004	56	2	76	7	83	6500.95	306
C	Sep 2004	41	2	24	33	57	6498.57	288
	WY 2004	768	18	604	116	720		
A	Oct 2004	54	1	46	13	59	6497.76	282
L	Nov 2004	49	1	62	3	65	6495.55	266
*	Dec 2004	35	1	74	0	74	6489.78	226
	Jan 2005	33	1	74	0	74	6483.34	186
	Feb 2005	30	1	67	0	67	6476.46	149
	Mar 2005	55	0	78	0	78	6471.42	125
	Apr 2005	82	1	89	0	89	6469.68	118
	May 2005	174	1	99	1	100	6484.05	190
	Jun 2005	316	2	103	116	219	6498.01	284
	Jul 2005	188	3	102	35	137	6504.41	333
	Aug 2005	82	2	80	0	80	6504.41	333
	Sep 2005	48	2	67	0	67	6501.70	312
	WY 2005	1146	16	941	168	1109		
	Oct 2005	47	1	69	0	69	6498.60	288
	Nov 2005	39	1	67	0	67	6494.64	260
	Dec 2005	30	1	69	0	69	6488.71	220
	Jan 2006	28	1	69	0	69	6482.02	178
	Feb 2006	26	1	62	0	62	6474.90	141
	Mar 2006	47	0	78	0	78	6467.70	110
	Apr 2006	84	1	89	0	89	6466.23	104
	May 2006	176	1	97	25	122	6478.07	157
	Jun 2006	320	2	101	85	186	6498.56	288
	Jul 2006	192	3	102	43	145	6504.37	333
	Aug 2006	83	2	83	0	83	6504.09	330
	Sep 2006	48	2	68	0	68	6501.29	309
	WY 2006	1120	16	954	153	1107		
	Oct 2006	52	1	70	0	70	6498.68	289
	Nov 2006	43	1	68	0	68	6495.16	264
	Dec 2006	33	1	71	0	71	6489.41	225

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T E M R E S E R V O I R S

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Flaming Gorge Reservoir

	Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Yampa Flow 1000 Ac-Ft	Jensen Flow 1000 Ac-Ft
* Jan 2004	27	48	2	53	0	53	67	6008.73	2600	0	272
H Feb 2004	33	53	2	50	0	50	67	6008.77	2602	0	301
I Mar 2004	98	89	3	54	0	54	68	6009.71	2632	0	246
S Apr 2004	84	62	4	51	0	51	68	6009.90	2638	0	233
T May 2004	76	69	7	107	0	107	67	6008.57	2595	0	391
O Jun 2004	188	74	9	61	0	61	67	6008.69	2599	0	232
R Jul 2004	182	147	11	61	0	61	70	6010.91	2671	0	119
I Aug 2004	60	88	11	62	0	62	70	6011.37	2686	0	73
C Sep 2004	46	62	9	60	0	60	70	6011.15	2679	0	81
WY 2004	873	829	69	715	0	715					2174
A Oct 2004	68	74	6	51	0	51	71	6011.65	2695	0	103
L Nov 2004	62	75	3	48	0	48	72	6012.35	2718	0	95
* Dec 2004	37	77	2	50	0	50	73	6013.09	2743	0	86
Jan 2005	45	86	2	61	0	61	73	6013.76	2765	0	61
Feb 2005	50	87	2	44	0	44	75	6014.92	2804	0	44
Mar 2005	115	138	3	49	0	49	77	6017.36	2887	0	49
Apr 2005	146	152	5	48	0	48	81	6020.14	2984	0	48
May 2005	280	206	7	128	0	128	83	6022.08	3054	0	128
Jun 2005	435	339	10	239	0	239	86	6024.46	3140	0	239
Jul 2005	240	188	13	86	0	86	89	6026.78	3227	0	86
Aug 2005	98	96	12	86	0	86	88	6026.72	3224	0	86
Sep 2005	59	78	11	83	0	83	88	6026.29	3208	0	83
WY 2005	1635	1596	76	973	0	973					1108
Oct 2005	59	81	7	86	0	86	88	6025.98	3196	0	86
Nov 2005	50	78	3	83	0	83	87	6025.75	3188	0	83
Dec 2005	36	75	2	86	0	86	87	6025.42	3176	0	86
Jan 2006	41	82	2	86	0	86	87	6025.27	3170	0	86
Feb 2006	45	81	2	78	0	78	87	6025.31	3172	0	78
Mar 2006	97	128	3	86	0	86	88	6026.33	3210	0	86
Apr 2006	141	146	5	83	0	83	90	6027.82	3266	0	83
May 2006	273	219	8	151	0	151	92	6029.35	3324	0	151
Jun 2006	423	289	11	240	0	240	93	6030.32	3361	0	240
Jul 2006	233	186	14	111	0	111	95	6031.84	3421	0	111
Aug 2006	97	97	13	111	0	111	94	6031.18	3395	0	111
Sep 2006	59	79	11	107	0	107	93	6030.19	3356	0	107
WY 2006	1554	1541	81	1308	0	1308					1308
Oct 2006	65	83	7	111	0	111	92	6029.31	3322	0	111
Nov 2006	56	81	3	107	0	107	91	6028.55	3294	0	107
Dec 2006	40	78	2	111	0	111	90	6027.67	3260	0	111

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Taylor Park Reservoir

		Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Jan 2004	4	3	9311.17	72
H	Feb 2004	4	3	9311.44	72
I	Mar 2004	5	4	9312.62	74
S	Apr 2004	8	4	9314.81	78
T	May 2004	23	10	9322.01	91
O	Jun 2004	23	16	9325.53	97
R	Jul 2004	11	19	9321.35	89
I	Aug 2004	6	18	9314.10	77
C	Sep 2004	5	15	9308.05	67
	WY 2004	102	102		
A	Oct 2004	5	7	9307.00	65
L	Nov 2004	4	3	9307.60	66
*	Dec 2004	4	3	9307.98	67
	Jan 2005	4	3	9308.50	68
	Feb 2005	3	3	9308.75	68
	Mar 2005	4	3	9309.55	69
	Apr 2005	8	8	9309.62	69
	May 2005	26	18	9314.77	78
	Jun 2005	44	21	9327.26	101
	Jul 2005	21	22	9326.99	100
	Aug 2005	10	20	9321.63	90
	Sep 2005	7	18	9315.21	78
	WY 2005	140	129		
	Oct 2005	6	12	9311.55	72
	Nov 2005	5	3	9312.53	74
	Dec 2005	4	3	9313.19	75
	Jan 2006	4	3	9313.73	76
	Feb 2006	3	3	9313.97	76
	Mar 2006	4	4	9313.91	76
	Apr 2006	8	10	9312.47	74
	May 2006	25	18	9316.37	80
	Jun 2006	41	21	9327.14	100
	Jul 2006	20	21	9326.63	99
	Aug 2006	9	20	9321.01	89
	Sep 2006	6	18	9314.45	77
	WY 2006	135	136		
	Oct 2006	7	12	9311.13	72
	Nov 2006	5	3	9312.43	74
	Dec 2006	5	3	9313.40	75

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Blue Mesa Reservoir

	Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir elevation EOM Feet	Live Storage 1000 Ac-Ft
* Jan 2004	21	20	0	14	0	14	7461.91	383
H Feb 2004	19	19	0	12	0	12	7463.03	390
I Mar 2004	46	44	0	13	0	13	7467.75	421
S Apr 2004	68	64	1	31	0	31	7472.65	454
T May 2004	154	141	1	32	0	32	7487.46	562
O Jun 2004	134	128	1	54	0	54	7496.75	635
R Jul 2004	65	72	1	93	0	93	7494.00	613
I Aug 2004	28	41	1	93	0	93	7487.18	560
C Sep 2004	22	32	1	83	0	83	7480.20	507
WY 2004	628	629	6	503	0	503		
A Oct 2004	28	30	0	58	0	58	7476.41	480
L Nov 2004	26	25	0	11	0	11	7478.29	494
* Dec 2004	21	20	0	22	0	22	7477.99	491
Jan 2005	22	21	0	33	0	33	7476.38	480
Feb 2005	20	20	0	40	0	40	7473.52	460
Mar 2005	35	34	0	70	0	70	7468.13	423
Apr 2005	75	75	1	90	0	90	7465.79	408
May 2005	218	209	1	75	0	75	7484.79	541
Jun 2005	293	270	1	48	0	48	7511.82	762
Jul 2005	134	135	2	92	0	92	7516.43	803
Aug 2005	63	73	1	100	0	100	7513.34	775
Sep 2005	35	46	1	101	0	101	7506.90	719
WY 2005	970	958	7	740	0	740		
Oct 2005	33	39	1	88	0	88	7501.01	670
Nov 2005	29	27	0	58	0	58	7497.24	639
Dec 2005	23	22	0	79	0	79	7490.03	582
Jan 2006	23	22	0	80	0	80	7482.38	523
Feb 2006	21	21	0	72	0	72	7475.24	472
Mar 2006	32	32	0	81	0	81	7468.03	423
Apr 2006	68	70	1	75	0	75	7467.24	417
May 2006	196	189	1	43	0	43	7487.60	563
Jun 2006	263	243	1	35	0	35	7512.70	769
Jul 2006	121	122	2	87	0	87	7516.44	803
Aug 2006	59	70	1	101	0	101	7512.80	770
Sep 2006	33	45	1	101	0	101	7506.17	713
WY 2006	901	902	8	900	0	900		
Oct 2006	37	43	1	88	0	88	7500.69	667
Nov 2006	32	30	0	58	0	58	7497.19	638
Dec 2006	26	24	0	82	0	82	7489.99	581

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Morrow Point Reservoir

		Unreg Inflow 1000 Ac-Ft	Blue_Mesa Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Evap losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Jan 2004	23	14	2	15	0	17	0	17	7151.70	110
H	Feb 2004	22	12	2	14	0	15	0	15	7150.31	109
I	Mar 2004	51	13	5	18	0	17	0	17	7151.24	110
S	Apr 2004	78	31	10	40	0	40	0	40	7151.23	110
T	May 2004	171	32	18	50	0	47	0	47	7154.18	112
O	Jun 2004	143	54	8	62	0	62	0	62	7154.59	113
R	Jul 2004	66	93	1	94	0	95	0	95	7152.76	111
I	Aug 2004	29	93	1	94	0	93	0	93	7153.42	112
C	Sep 2004	23	83	1	84	0	86	0	86	7151.14	110
	WY 2004	683	503	54	554	0	555	0	555		
A	Oct 2004	30	58	1	59	0	56	0	56	7155.42	113
L	Nov 2004	27	11	1	12	0	17	0	17	7149.03	108
*	Dec 2004	22	22	1	24	0	22	0	22	7150.76	110
	Jan 2005	24	33	2	34	0	32	0	32	7153.73	112
	Feb 2005	23	40	3	42	0	42	0	42	7153.73	112
	Mar 2005	39	70	4	74	0	74	0	74	7153.73	112
	Apr 2005	85	90	9	99	0	99	0	99	7153.73	112
	May 2005	246	75	28	103	0	103	0	103	7153.73	112
	Jun 2005	314	48	21	69	0	69	0	69	7153.73	112
	Jul 2005	141	92	7	99	0	99	0	99	7153.73	112
	Aug 2005	66	100	3	102	0	102	0	102	7153.73	112
	Sep 2005	36	101	2	103	0	103	0	103	7153.73	112
	WY 2005	1053	740	82	820	0	818	0	818		
	Oct 2005	35	88	2	90	0	90	0	90	7153.73	112
	Nov 2005	31	58	2	60	0	60	0	60	7153.73	112
	Dec 2005	25	79	2	81	0	81	0	81	7153.73	112
	Jan 2006	24	80	1	81	0	81	0	81	7153.73	112
	Feb 2006	23	72	2	74	0	74	0	74	7153.73	112
	Mar 2006	35	81	3	84	0	84	0	84	7153.73	112
	Apr 2006	77	75	9	84	0	84	0	84	7153.73	112
	May 2006	222	43	26	69	0	69	0	69	7153.73	112
	Jun 2006	284	35	21	56	0	56	0	56	7153.73	112
	Jul 2006	127	87	6	93	0	93	0	93	7153.73	112
	Aug 2006	61	101	2	103	0	103	0	103	7153.73	112
	Sep 2006	35	101	2	103	0	103	0	103	7153.73	112
	WY 2006	979	900	78	978	0	978	0	978		
	Oct 2006	39	88	2	90	0	90	0	90	7153.73	112
	Nov 2006	34	58	2	60	0	60	0	60	7153.73	112
	Dec 2006	28	82	2	84	0	84	0	84	7153.73	112

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Crystal Reservoir

	unreg Inflow 1000 Ac-Ft	Morrow Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Tunnel Flow 1000 Ac-Ft	Below_tunnel Flow 1000 Ac-Ft
* Jan 2004	27	17	4	21	0	20	20	6748.12	16	0	20
H Feb 2004	25	15	3	18	0	18	18	6748.18	16	1	19
I Mar 2004	58	17	7	25	0	24	24	6749.98	16	5	19
S Apr 2004	88	40	10	50	0	50	50	6751.44	17	33	19
T May 2004	194	47	23	70	0	70	70	6751.47	17	50	22
O Jun 2004	156	62	13	75	0	75	75	6752.33	17	55	22
R Jul 2004	68	95	2	97	0	99	99	6746.23	15	64	40
I Aug 2004	30	93	1	95	0	95	95	6744.94	15	65	35
C Sep 2004	25	86	2	88	0	86	86	6751.39	17	55	35
WY 2004	759	555	77	634	27	605	632			363	293
A Oct 2004	33	56	3	59	38	21	59	6750.20	16	23	38
L Nov 2004	30	17	3	20	0	22	22	6742.26	14	1	23
* Dec 2004	25	22	3	25	13	10	23	6751.64	17	0	23
Jan 2005	27	32	3	35	37	0	37	6746.05	15	0	37
Feb 2005	25	42	2	44	45	0	45	6746.05	15	0	44
Mar 2005	45	74	6	80	80	0	80	6746.05	15	5	75
Apr 2005	98	99	13	113	112	1	113	6746.05	15	30	83
May 2005	283	103	37	140	116	24	140	6746.05	15	55	85
Jun 2005	357	69	43	112	112	0	112	6746.05	15	60	52
Jul 2005	158	99	17	116	116	0	116	6746.05	15	65	51
Aug 2005	79	102	14	116	116	0	116	6746.05	15	65	51
Sep 2005	46	103	9	112	112	0	112	6746.05	15	55	57
WY 2005	1206	818	153	972	897	78	975			359	619
Oct 2005	42	90	7	97	97	0	97	6746.05	15	30	67
Nov 2005	36	60	5	65	65	0	65	6746.05	15	0	65
Dec 2005	30	81	5	86	86	0	86	6746.05	15	0	86
Jan 2006	29	81	5	86	86	0	86	6746.05	15	0	86
Feb 2006	27	74	4	78	78	0	78	6746.05	15	0	78
Mar 2006	42	84	7	91	91	0	91	6746.05	15	5	86
Apr 2006	94	84	17	101	101	0	101	6746.05	15	30	71
May 2006	269	69	47	116	116	0	116	6746.05	15	55	61
Jun 2006	340	56	56	112	112	0	112	6746.05	15	60	52
Jul 2006	150	93	23	116	116	0	116	6746.05	15	65	51
Aug 2006	74	103	13	116	116	0	116	6746.05	15	65	51
Sep 2006	44	103	9	112	112	0	112	6746.05	15	55	57
WY 2006	1177	978	198	1176	1176	0	1176			365	811
Oct 2006	47	90	8	98	98	0	98	6746.05	15	30	68
Nov 2006	40	60	6	66	66	0	66	6746.05	15	0	66
Dec 2006	33	84	5	89	89	0	89	6746.05	15	0	89

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Vallecito Reservoir

		Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Jan 2004	5	0	7634.30	53
H	Feb 2004	4	0	7636.34	57
I	Mar 2004	16	0	7643.57	72
S	Apr 2004	25	7	7651.11	90
T	May 2004	73	44	7662.38	118
O	Jun 2004	51	49	7663.00	120
R	Jul 2004	20	42	7654.40	98
I	Aug 2004	9	38	7642.16	69
C	Sep 2004	23	26	7640.41	65
	WY 2004	243	210		
A	Oct 2004	19	8	7645.31	76
L	Nov 2004	13	7	7647.85	82
*	Dec 2004	9	15	7645.49	76
	Jan 2005	7	7	7645.49	77
	Feb 2005	7	6	7645.88	77
	Mar 2005	10	3	7648.67	84
	Apr 2005	25	7	7655.96	102
	May 2005	78	67	7660.40	113
	Jun 2005	96	83	7665.25	126
	Jul 2005	41	45	7663.76	122
	Aug 2005	21	41	7655.93	102
	Sep 2005	16	35	7648.10	83
	WY 2005	342	324		
	Oct 2005	13	18	7645.78	77
	Nov 2005	8	6	7646.69	79
	Dec 2005	5	6	7646.65	79
	Jan 2006	5	5	7646.60	79
	Feb 2006	5	4	7646.78	80
	Mar 2006	7	5	7647.89	82
	Apr 2006	19	14	7649.95	87
	May 2006	60	48	7654.96	99
	Jun 2006	74	49	7664.45	124
	Jul 2006	32	43	7660.14	113
	Aug 2006	17	37	7652.30	93
	Sep 2006	14	30	7645.74	77
	WY 2006	259	265		
	Oct 2006	14	12	7646.61	79
	Nov 2006	9	6	7647.89	82
	Dec 2006	6	6	7648.11	83

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Navajo Reservoir

		Mod_Unreg Inflow 1000 Ac-Ft	Azetea Tunnel_Div 1000 Ac-Ft	Reg Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	NIIP Diversion 1000 ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Farm Flow 1000 Ac-Ft
*	Jan 2004	17	0	13	0	0	16	5995.94	707	60
H	Feb 2004	24	0	20	1	1	15	5996.45	711	33
I	Mar 2004	120	12	94	1	4	16	6005.51	784	58
S	Apr 2004	152	15	119	2	11	21	6015.33	869	98
T	May 2004	225	30	168	3	28	22	6027.58	984	155
O	Jun 2004	133	20	109	3	40	22	6031.96	1028	115
R	Jul 2004	22	2	40	3	39	33	6028.39	992	48
I	Aug 2004	-2	0	26	3	39	45	6022.11	932	41
C	Sep 2004	58	2	61	2	19	36	6022.48	935	67
	WY 2004	805	81	693	20	188	284			853
A	Oct 2004	55	2	42	1	4	22	6024.04	950	54
L	Nov 2004	46	1	37	1	0	15	6026.25	971	47
*	Dec 2004	30	0	36	0	0	16	6028.28	991	43
	Jan 2005	22	0	22	0	0	15	6028.90	998	15
	Feb 2005	29	0	28	1	0	14	6030.26	1011	14
	Mar 2005	80	1	73	1	5	17	6035.16	1061	17
	Apr 2005	200	11	171	2	23	21	6046.65	1187	21
	May 2005	324	32	280	3	30	51	6062.66	1382	51
	Jun 2005	303	49	241	4	42	115	6068.63	1462	115
	Jul 2005	99	24	79	5	47	22	6068.96	1466	22
	Aug 2005	48	5	64	4	42	40	6067.36	1444	40
	Sep 2005	39	0	58	3	18	28	6068.06	1454	28
	WY 2005	1275	125	1131	25	211	376			467
	Oct 2005	40	0	45	2	12	22	6068.76	1464	22
	Nov 2005	32	0	30	1	1	16	6069.64	1476	16
	Dec 2005	23	0	23	1	0	16	6070.13	1482	16
	Jan 2006	21	0	21	1	0	15	6070.50	1487	15
	Feb 2006	28	0	28	1	0	14	6071.40	1500	14
	Mar 2006	80	0	77	2	5	15	6075.30	1556	15
	Apr 2006	153	8	140	3	23	21	6081.59	1649	21
	May 2006	248	44	192	4	30	200	6078.72	1606	200
	Jun 2006	231	35	172	5	43	212	6072.64	1518	212
	Jul 2006	76	3	85	5	48	24	6073.15	1525	24
	Aug 2006	41	3	58	4	43	40	6071.10	1496	40
	Sep 2006	36	1	50	3	19	25	6071.35	1499	25
	WY 2006	1009	94	921	32	224	620			620
	Oct 2006	44	0	42	2	12	31	6071.19	1497	31
	Nov 2006	35	0	32	1	1	30	6071.22	1498	30
	Dec 2006	25	0	25	1	0	31	6070.73	1491	31

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Lake Powell

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Bank Storage 1000 Ac-Ft	EOM Storage 1000 Ac-Ft	Lees Ferry 1000 Ac-Ft
*	Jan 2004	288	305	13	789	0	789	3591.80	18966	10984	802
H	Feb 2004	244	253	14	743	0	743	3586.84	18910	10537	759
I	Mar 2004	539	417	11	805	0	805	3582.78	18867	10180	815
S	Apr 2004	817	609	18	649	2	651	3582.93	18797	10193	653
T	May 2004	1181	972	24	596	1	595	3587.17	18776	10566	601
O	Jun 2004	1096	835	35	802	0	802	3586.16	18832	10476	809
R	Jul 2004	546	468	36	900	0	900	3579.70	18927	9914	909
I	Aug 2004	176	303	39	896	0	896	3572.10	18931	9278	904
C	Sep 2004	322	414	36	484	0	484	3570.77	18933	9169	487
	WY 2004	6128	5593	296	8231	3	8232				8329
A	Oct 2004	505	517	20	493	0	493	3570.50	18958	9148	493
L	Nov 2004	558	481	17	623	93	716	3567.28	18965	8889	729
*	Dec 2004	376	377	15	599	0	599	3564.42	18953	8664	597
	Jan 2005	375	394	15	779	0	779	3559.61	18923	8293	779
	Feb 2005	400	399	14	723	0	723	3555.43	18898	7980	723
	Mar 2005	650	561	17	807	0	807	3552.10	18879	7737	807
	Apr 2005	969	741	19	500	0	500	3554.91	18895	7942	500
	May 2005	2267	1762	28	600	0	600	3568.57	18979	8992	600
	Jun 2005	3031	2493	35	800	0	800	3586.73	19102	10528	800
	Jul 2005	1532	1331	42	856	0	856	3591.19	19134	10929	856
	Aug 2005	584	647	43	856	0	856	3588.61	19115	10695	856
	Sep 2005	440	538	37	500	0	500	3588.62	19115	10696	500
	WY 2005	11687	10241	302	8136	93	8229				8240
	Oct 2005	502	578	34	492	0	492	3589.16	19119	10745	492
	Nov 2005	496	543	28	700	0	700	3587.25	19106	10574	700
	Dec 2005	396	495	23	600	0	600	3585.91	19096	10455	600
	Jan 2006	365	461	17	792	0	792	3582.24	19070	10133	792
	Feb 2006	379	449	16	723	0	723	3579.12	19049	9864	723
	Mar 2006	597	575	20	807	0	807	3576.36	19030	9631	807
	Apr 2006	887	735	22	500	0	500	3578.70	19046	9828	500
	May 2006	2074	1826	32	600	0	600	3591.25	19134	10934	600
	Jun 2006	2773	2421	39	800	0	800	3606.68	19252	12399	800
	Jul 2006	1402	1245	46	858	0	858	3609.84	19277	12714	858
	Aug 2006	552	653	48	858	0	858	3607.49	19258	12479	858
	Sep 2006	428	553	41	500	0	500	3607.60	19259	12490	500
	WY 2006	10851	10534	366	8230	0	8230				8230
	Oct 2006	557	653	37	600	0	600	3607.74	19260	12504	600
	Nov 2006	550	623	31	600	0	600	3607.66	19259	12497	600
	Dec 2006	439	571	26	600	0	600	3607.15	19255	12446	600

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Hoover Dam - Lake Mead

		Glen Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	SNWP Use 1000 Ac-Ft	Dwnstrm Reqmnts 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
*	Jan 2004	789	40	38	633	10.3	15	635	1003	1140.39	15434
H	Feb 2004	743	77	35	806	14.0	10	790	1001	1140.11	15404
I	Mar 2004	805	40	39	946	15.4	19	942	992	1138.70	15255
S	Apr 2004	651	55	48	1049	17.6	21	1033	966	1134.98	14866
T	May 2004	595	43	54	1124	18.3	37	1121	931	1129.70	14324
O	Jun 2004	802	-8	65	995	16.7	32	994	913	1126.93	14044
R	Jul 2004	900	38	80	952	15.5	34	951	905	1125.73	13924
I	Aug 2004	896	82	85	763	12.4	29	763	911	1126.67	14018
C	Sep 2004	484	94	70	568	9.5	26	561	906	1125.86	13937
	WY 2004	8232	574	669	9635		288	9582			
A	Oct 2004	493	112	51	365	5.9	22	325	916	1127.43	14094
L	Nov 2004	716	137	52	502	8.4	9	494	934	1130.13	14367
*	Dec 2004	599	89	45	642	10.4	14	641	933	1130.01	14355
	Jan 2005	779	165	37	368	6.0	12	368	965	1134.83	14850
	Feb 2005	723	67	34	451	8.1	11	451	983	1137.47	15126
	Mar 2005	807	59	39	999	16.2	19	999	972	1135.76	14947
	Apr 2005	500	14	47	1108	18.6	24	1108	931	1129.69	14323
	May 2005	600	29	53	937	15.2	30	937	907	1126.04	13955
	Jun 2005	800	17	64	912	15.3	30	912	896	1124.26	13777
	Jul 2005	856	49	79	935	15.2	30	935	887	1122.94	13646
	Aug 2005	856	96	84	856	13.9	30	856	886	1122.77	13630
	Sep 2005	500	104	69	672	11.3	28	672	876	1121.19	13475
	WY 2005	8229	938	654	8747		259	8698			
	Oct 2005	492	43	50	471	7.7	28	471	875	1121.06	13462
	Nov 2005	700	39	50	618	10.4	20	618	878	1121.55	13510
	Dec 2005	600	52	43	601	9.8	18	601	878	1121.46	13501
	Jan 2006	792	65	35	628	10.2	12	628	889	1123.19	13671
	Feb 2006	723	67	33	654	11.8	11	654	894	1124.07	13758
	Mar 2006	807	59	37	989	16.1	19	989	883	1122.38	13591
	Apr 2006	500	14	45	1124	18.9	24	1124	842	1115.80	12954
	May 2006	600	29	50	1032	16.8	30	1032	813	1111.01	12501
	Jun 2006	800	17	60	900	15.1	30	900	802	1109.28	12338
	Jul 2006	858	49	74	873	14.2	30	873	798	1108.57	12272
	Aug 2006	858	96	79	807	13.1	30	807	800	1108.95	12308
	Sep 2006	500	104	65	591	9.9	28	591	795	1108.14	12233
	WY 2006	8230	634	621	9288		280	9286			
	Oct 2006	600	43	48	322	5.2	28	322	810	1110.61	12463
	Nov 2006	600	39	48	663	11.1	20	663	805	1109.69	12377
	Dec 2006	600	52	41	650	10.6	15	650	801	1109.15	12326

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Davis Dam - Lake Mohave

	Hoover Release 1000 Ac-Ft	Side inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Spill Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
* Jan 2004	633	-20	580	0	580	9.4	640.22	1623
H Feb 2004	806	-17	695	0	695	12.1	643.62	1716
I Mar 2004	946	-25	958	0	958	15.6	642.21	1677
S Apr 2004	1049	-12	1033	0	1033	17.4	642.33	1680
T May 2004	1124	-44	1032	0	1032	16.8	644.09	1729
O Jun 2004	995	-24	1003	0	1003	16.8	642.91	1696
R Jul 2004	952	-24	918	0	918	14.9	643.29	1707
I Aug 2004	763	-26	740	0	740	12.0	643.20	1704
C Sep 2004	568	-13	653	0	653	11.0	639.54	1605
WY 2004	9635	-241	9426	0	9426			
A Oct 2004	365	3	464	0	464	7.5	635.90	1509
L Nov 2004	502	-18	480	0	480	8.1	636.02	1512
* Dec 2004	642	-24	497	0	497	8.1	640.56	1633
Jan 2005	368	-17	328	0	328	5.3	641.38	1655
Feb 2005	451	-18	429	0	429	7.7	641.50	1658
Mar 2005	999	-31	927	0	927	15.1	643.01	1699
Apr 2005	1108	-33	1074	0	1074	18.1	643.01	1699
May 2005	937	-29	908	0	908	14.8	643.01	1699
Jun 2005	912	-28	911	0	911	15.3	642.00	1671
Jul 2005	935	-30	918	0	918	14.9	641.50	1658
Aug 2005	856	-30	825	0	825	13.4	641.50	1658
Sep 2005	672	-17	748	0	748	12.6	638.00	1564
WY 2005	8747	-272	8509	0	8509			
Oct 2005	471	-6	657	0	657	10.7	630.49	1371
Nov 2005	618	-13	515	0	515	8.7	634.00	1460
Dec 2005	601	-26	451	0	451	7.3	638.71	1583
Jan 2006	628	-17	527	0	527	8.6	641.80	1666
Feb 2006	654	-18	636	0	636	11.4	641.80	1666
Mar 2006	989	-31	936	0	936	15.2	642.60	1688
Apr 2006	1124	-33	1079	0	1079	18.1	643.01	1699
May 2006	1032	-29	1002	0	1002	16.3	643.01	1699
Jun 2006	900	-28	899	0	899	15.1	642.00	1671
Jul 2006	873	-30	856	0	856	13.9	641.50	1658
Aug 2006	807	-30	776	0	776	12.6	641.50	1658
Sep 2006	591	-17	667	0	667	11.2	638.00	1564
WY 2006	9288	-278	9001	0	9001			
Oct 2006	322	-6	508	0	508	8.3	630.49	1371
Nov 2006	663	-13	560	0	560	9.4	634.00	1460
Dec 2006	650	-26	501	0	501	8.1	638.71	1583

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Parker Dam - Lake Havasu

		Davis Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	MWD Diversion 1000 Ac-Ft	CAP diversion 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft	Flow_to Mexico 1000 Ac-Ft	Flow_to Mexico 1000 CFS
*	Jan 2004	580	-4	333	5.4	60	188	444.21	511	129	2.1
H	Feb 2004	695	1	418	7.3	58	175	446.75	557	169	2.9
I	Mar 2004	958	-12	724	11.8	57	186	445.64	536	202	3.3
S	Apr 2004	1033	-6	751	12.6	71	181	446.84	558	212	3.6
T	May 2004	1032	-16	734	11.9	68	188	448.14	583	112	1.8
O	Jun 2004	1003	-24	739	12.4	69	165	448.39	587	109	1.8
R	Jul 2004	918	-23	731	11.9	52	104	448.77	595	121	2.0
I	Aug 2004	740	-17	654	10.6	43	45	447.70	574	98	1.6
C	Sep 2004	653	-1	525	8.8	42	70	448.47	589	94	1.6
	WY 2004	9426	-96	6801		722	1773			1540	
A	Oct 2004	464	22	420	6.8	40	3	449.60	611	112	1.8
L	Nov 2004	480	39	286	4.8	97	171	447.78	576	105	1.8
*	Dec 2004	497	20	237	3.9	106	189	446.96	560	119	1.9
	Jan 2005	328	112	205	3.3	3	182	449.50	609	128	2.1
	Feb 2005	429	30	320	5.8	39	171	445.80	539	153	2.8
	Mar 2005	927	-8	666	10.8	48	188	446.70	555	204	3.3
	Apr 2005	1074	-8	795	13.4	51	182	448.71	594	198	3.3
	May 2005	908	0	739	12.0	61	89	449.60	611	109	1.8
	Jun 2005	911	-13	729	12.3	82	85	449.60	611	109	1.8
	Jul 2005	918	-7	769	12.5	85	88	448.00	580	119	1.9
	Aug 2005	825	-2	659	10.7	85	88	447.50	570	96	1.6
	Sep 2005	748	-6	561	9.4	55	139	446.81	557	89	1.5
	WY 2005	8509	179	6386		752	1575			1541	
	Oct 2005	657	-4	507	8.2	26	129	446.29	548	75	1.2
	Nov 2005	515	3	385	6.5	14	124	446.00	543	99	1.7
	Dec 2005	451	12	328	5.3	0	139	445.80	539	122	2.0
	Jan 2006	527	12	356	5.8	59	124	445.80	539	130	2.1
	Feb 2006	636	0	466	8.4	33	132	446.00	543	155	2.8
	Mar 2006	936	-8	667	10.8	62	186	446.70	555	200	3.3
	Apr 2006	1079	-8	793	13.3	60	180	448.71	594	193	3.2
	May 2006	1002	0	737	12.0	62	185	449.60	611	109	1.8
	Jun 2006	899	-13	730	12.3	30	125	449.60	611	111	1.9
	Jul 2006	856	-7	760	12.4	31	88	448.00	580	121	2.0
	Aug 2006	776	-2	662	10.8	31	90	447.50	570	100	1.6
	Sep 2006	667	-6	556	9.3	30	87	446.81	557	90	1.5
	WY 2006	9001	-21	6947		438	1589			1505	
	Oct 2006	508	-4	482	7.8	31	0	446.31	548	76	1.2
	Nov 2006	560	3	373	6.3	41	155	446.00	543	99	1.7
	Dec 2006	501	12	319	5.2	42	156	445.80	539	119	1.9

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Hoover Dam - Lake Mead

	Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Hoover Static Head Feet	Hoover Generator Capacity MW	Hoover Gross Energy MKWH	Percent Of Units Available	KWH/AF
* Jan 2004	633	10.3	1140.39	15434	134	0.00	1141.0	270.3	62	426.9
H Feb 2004	806	14.0	1140.11	15404	-29	0.00	1251.0	349.0	68	433.3
I Mar 2004	946	15.4	1138.70	15255	-149	0.00	1270.0	391.6	69	414.1
S Apr 2004	1049	17.6	1134.98	14866	-389	0.00	1194.0	450.9	69	429.9
T May 2004	1124	18.3	1129.70	14324	-542	0.00	1767.0	474.0	100	421.6
O Jun 2004	995	16.7	1126.93	14044	-280	0.00	1731.0	410.2	100	412.2
R Jul 2004	952	15.5	1125.73	13924	-120	0.00	1731.0	388.3	100	407.6
I Aug 2004	763	12.4	1126.67	14018	94	0.00	1731.0	305.8	100	400.6
C Sep 2004	568	9.5	1125.86	13937	-81	0.00	1731.0	221.5	100	390.1
WY 2004	9635							4025.4		
A Oct 2004	365	5.9	1127.43	14094	157	0.00	1298.0	134.7	75	369.3
L Nov 2004	502	8.4	1130.13	14367	273	0.00	1194.0	201.0	69	400.6
* Dec 2004	642	10.4	1130.01	14355	-12	0.00	1212.0	264.4	70	411.6
Jan 2005	368	6.0	1134.83	14850	495	483.24	1211.7	148.9	70	404.4
Feb 2005	451	8.1	1137.47	15126	276	485.99	1315.6	192.4	76	426.6
Mar 2005	999	16.2	1135.76	14947	-179	485.81	1332.9	434.6	77	435.0
Apr 2005	1108	18.6	1129.69	14323	-625	480.32	1506.0	483.5	87	436.4
May 2005	937	15.2	1126.04	13955	-368	474.04	1731.0	396.6	100	423.0
Jun 2005	912	15.3	1124.26	13777	-177	471.67	1731.0	384.4	100	421.5
Jul 2005	935	15.2	1122.94	13646	-131	470.62	1731.0	393.1	100	420.3
Aug 2005	856	13.9	1122.77	13630	-17	470.04	1731.0	363.1	100	424.1
Sep 2005	672	11.3	1121.19	13475	-155	470.32	1731.0	277.3	100	412.7
WY 2005	8747							3673.8		
Oct 2005	471	7.7	1121.06	13462	-13	472.48	1592.5	194.2	92	412.3
Nov 2005	618	10.4	1121.55	13510	48	477.10	1280.9	261.7	74	423.6
Dec 2005	601	9.8	1121.46	13501	-9	474.94	1280.9	251.2	74	418.3
Jan 2006	628	10.2	1123.19	13671	171	473.20	1280.9	263.8	74	419.9
Feb 2006	654	11.8	1124.07	13758	87	473.49	1280.9	276.3	74	422.6
Mar 2006	989	16.1	1122.38	13591	-167	471.61	1471.4	415.6	85	420.4
Apr 2006	1124	18.9	1115.80	12954	-637	468.31	1280.9	486.2	74	432.7
May 2006	1032	16.8	1111.01	12501	-454	462.51	1280.9	433.7	74	420.3
Jun 2006	900	15.1	1109.28	12338	-162	456.75	1731.0	368.1	100	409.0
Jul 2006	873	14.2	1108.57	12272	-66	456.03	1731.0	361.4	100	414.0
Aug 2006	807	13.1	1108.95	12308	36	456.03	1731.0	331.1	100	410.2
Sep 2006	591	9.9	1108.14	12233	-75	456.96	1731.0	237.7	100	402.3
WY 2006	9287							3881.0		
Oct 2006	322	5.2	1110.61	12463	230	460.79	1592.5	122.0	92	378.9
Nov 2006	663	11.1	1109.69	12377	-86	465.99	1280.9	274.0	74	413.5
Dec 2006	650	10.6	1109.15	12326	-51	462.90	1280.9	265.1	74	407.8

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Davis Dam - Lake Mohave

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Davis Static Head Feet	Davis Generator Capacity MW	Davis Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Jan 2004	580	9.4	640.22	1623	33	0.00	163.0	72.2	64	124.6
H	Feb 2004	695	12.1	643.62	1716	92	0.00	189.0	86.8	74	124.8
I	Mar 2004	958	15.6	642.21	1677	-38	0.00	209.0	121.6	82	126.9
S	Apr 2004	1033	17.4	642.33	1680	3	0.00	255.0	128.5	100	124.4
T	May 2004	1032	16.8	644.09	1729	48	0.00	255.0	130.0	100	126.0
O	Jun 2004	1003	16.8	642.91	1696	-32	0.00	255.0	119.7	100	119.4
R	Jul 2004	918	14.9	643.29	1707	10	0.00	255.0	114.1	100	124.3
I	Aug 2004	740	12.0	643.20	1704	-2	0.00	255.0	92.3	100	124.7
C	Sep 2004	653	11.0	639.54	1605	-99	0.00	255.0	81.2	100	124.2
	WY 2004	9425							1164.1		
A	Oct 2004	464	7.5	635.90	1509	-96	0.00	204.0	56.7	80	122.3
L	Nov 2004	480	8.1	636.02	1512	3	0.00	196.0	57.9	77	120.5
*	Dec 2004	497	8.1	640.56	1633	120	0.00	173.0	61.7	68	124.1
	Jan 2005	328	5.3	641.38	1655	22	136.68	163.2	41.7	64	127.0
	Feb 2005	429	7.7	641.50	1658	3	136.33	188.7	54.3	74	126.5
	Mar 2005	927	15.1	643.01	1699	41	136.54	209.1	115.4	82	124.6
	Apr 2005	1074	18.1	643.01	1699	0	136.05	255.0	133.6	100	124.4
	May 2005	908	14.8	643.01	1699	0	136.05	255.0	113.8	100	125.4
	Jun 2005	911	15.3	642.00	1671	-28	135.52	255.0	113.6	100	124.7
	Jul 2005	918	14.9	641.50	1658	-14	134.73	255.0	114.0	100	124.2
	Aug 2005	825	13.4	641.50	1658	0	134.46	255.0	102.7	100	124.4
	Sep 2005	748	12.6	638.00	1564	-94	132.63	255.0	92.1	100	123.1
	WY 2005	8510							1057.6		
	Oct 2005	657	10.7	630.49	1371	-193	128.32	204.0	78.1	80	118.8
	Nov 2005	515	8.7	634.00	1460	89	126.46	196.3	60.7	77	117.8
	Dec 2005	451	7.3	638.71	1583	123	131.54	173.4	55.1	68	122.0
	Jan 2006	527	8.6	641.80	1666	83	135.97	163.2	65.9	64	125.1
	Feb 2006	636	11.4	641.80	1666	0	136.69	188.7	79.7	74	125.4
	Mar 2006	936	15.2	642.60	1688	22	136.48	209.1	116.5	82	124.5
	Apr 2006	1079	18.1	643.01	1699	11	135.84	255.0	134.0	100	124.2
	May 2006	1002	16.3	643.01	1699	0	136.05	255.0	125.2	100	124.9
	Jun 2006	899	15.1	642.00	1671	-28	135.52	255.0	112.2	100	124.8
	Jul 2006	856	13.9	641.50	1658	-14	134.73	255.0	106.5	100	124.5
	Aug 2006	776	12.6	641.50	1658	0	134.46	255.0	96.8	100	124.7
	Sep 2006	667	11.2	638.00	1564	-94	132.63	255.0	82.5	100	123.6
	WY 2006	9002							1113.2		
	Oct 2006	508	8.3	630.49	1371	-193	128.32	204.0	60.9	80	119.8
	Nov 2006	560	9.4	634.00	1460	89	126.46	196.3	65.8	77	117.5
	Dec 2006	501	8.1	638.71	1583	123	131.54	173.4	60.9	68	121.7

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T E M R E S E R V O I R S

Bureau of Reclamation - CRFS 1/2005 Most Prob Water Supply 11-jan-2005 16:27:29
Parker Dam - Lake Havasu

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Parker Static Head Feet	Parker Generator Capacity MW	Parker Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Jan 2004	333	5.4	444.21	511	-6	0.00	120.0	21.6	100	64.9
H	Feb 2004	418	7.3	446.75	557	46	0.00	120.0	28.0	100	66.9
I	Mar 2004	724	11.8	445.64	536	-20	0.00	120.0	48.7	100	67.3
S	Apr 2004	751	12.6	446.84	558	3	0.00	120.0	50.2	100	66.9
T	May 2004	734	11.9	448.14	583	24	0.00	120.0	50.3	100	68.5
O	Jun 2004	739	12.4	448.39	587	5	0.00	120.0	49.5	100	67.0
R	Jul 2004	731	11.9	448.77	595	7	0.00	120.0	49.4	100	67.6
I	Aug 2004	654	10.6	447.70	574	-20	0.00	120.0	44.3	100	67.7
C	Sep 2004	525	8.8	448.47	589	15	0.00	120.0	35.7	100	68.0
	WY 2004	6802							458.3		
A	Oct 2004	420	6.8	449.60	611	22	0.00	90.0	28.8	75	68.6
L	Nov 2004	286	4.8	447.78	576	-35	0.00	90.0	19.1	75	66.7
*	Dec 2004	237	3.9	446.96	560	-15	0.00	90.0	15.0	75	63.4
	Jan 2005	205	3.3	449.50	609	49	77.00	90.0	12.8	75	62.2
	Feb 2005	320	5.8	445.80	539	-70	76.44	90.0	20.8	75	65.0
	Mar 2005	666	10.8	446.70	555	16	75.08	90.0	43.9	75	66.0
	Apr 2005	795	13.4	448.71	594	38	75.09	120.0	52.5	100	66.0
	May 2005	739	12.0	449.60	611	18	76.49	120.0	49.4	100	66.9
	Jun 2005	729	12.3	449.60	611	0	76.93	120.0	49.1	100	67.3
	Jul 2005	769	12.5	448.00	580	-31	76.15	120.0	51.3	100	66.7
	Aug 2005	659	10.7	447.50	570	-10	75.13	120.0	43.3	100	65.7
	Sep 2005	561	9.4	446.81	557	-13	74.86	112.8	36.6	94	65.2
	WY 2005	6387							422.6		
	Oct 2005	507	8.2	446.29	548	-9	75.24	92.4	33.2	77	65.4
	Nov 2005	385	6.5	446.00	543	-5	74.79	93.6	24.8	78	64.3
	Dec 2005	328	5.3	445.80	539	-4	74.07	103.2	20.7	86	63.1
	Jan 2006	356	5.8	445.80	539	0	74.64	90.0	22.7	75	63.9
	Feb 2006	466	8.4	446.00	543	4	74.74	90.0	30.3	75	65.1
	Mar 2006	667	10.8	446.70	555	13	75.17	90.0	44.0	75	66.0
	Apr 2006	793	13.3	448.71	594	38	75.09	120.0	52.3	100	66.0
	May 2006	737	12.0	449.60	611	18	76.49	120.0	49.3	100	66.9
	Jun 2006	730	12.3	449.60	611	0	76.93	120.0	49.1	100	67.3
	Jul 2006	760	12.4	448.00	580	-31	76.15	120.0	50.7	100	66.7
	Aug 2006	662	10.8	447.50	570	-10	75.13	120.0	43.5	100	65.7
	Sep 2006	556	9.3	446.81	557	-13	74.86	112.8	36.3	94	65.2
	WY 2006	6945							456.9		
	Oct 2006	482	7.8	446.31	548	-9	75.25	92.4	31.5	77	65.3
	Nov 2006	373	6.3	446.00	543	-6	74.80	93.6	24.0	78	64.2
	Dec 2006	319	5.2	445.80	539	-4	74.07	103.2	20.1	86	63.0

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T Y M R E S E R V O I R S

Bureau of Reclamation - CRFS 1/2005 Most Prob Water Supply 11-jan-2005 16:27:29

Upper Basin Power

	Glen Canyon 1000 MWHR	Flam Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Res 1000 MWHR	Font Res 1000 MWHR
* Jan 2004	325	17	4	6	0	3
H Feb 2004	304	16	5	5	0	3
I Mar 2004	312	18	3	6	0	3
Winter 2004	1596	106	32	46	8	17
S Apr 2004	263	17	8	14	4	7
T May 2004	239	37	9	16	0	4
O Jun 2004	324	20	16	22	0	5
R Jul 2004	360	20	28	34	0	8
I Aug 2004	354	21	28	33	0	7
C Sep 2004	188	20	24	31	0	2
Summer 2004	1729	135	112	150	4	33
A Oct 2004	191	16	16	19	7	4
L Nov 2004	242	16	3	6	0	5
* Dec 2004	230	16	6	9	1	6
Jan 2005	281	22	9	12	7	6
Feb 2005	258	16	11	15	8	5
Mar 2005	285	18	20	27	15	5
Winter 2005	1487	103	65	88	39	31
Apr 2005	176	17	25	36	21	6
May 2005	216	46	21	37	22	7
Jun 2005	300	87	14	25	21	9
Jul 2005	329	31	29	36	22	10
Aug 2005	330	31	31	37	22	8
Sep 2005	192	30	31	37	21	6
Summer 2005	1543	243	152	207	129	45
Oct 2005	189	31	27	32	18	6
Nov 2005	269	30	18	22	12	6
Dec 2005	229	31	24	29	16	6
Jan 2006	301	31	23	29	16	5
Feb 2006	273	28	21	27	15	5
Mar 2006	302	31	23	30	17	5
Winter 2006	1563	184	134	169	95	33
Apr 2006	187	30	21	30	19	6
May 2006	228	55	12	25	22	7
Jun 2006	314	88	11	20	21	8
Jul 2006	344	41	27	34	22	10
Aug 2006	344	41	32	37	22	8
Sep 2006	200	39	31	37	21	6
Summer 2006	1617	295	134	183	127	44
Oct 2006	240	41	27	32	18	6
Nov 2006	240	39	17	22	12	6
Dec 2006	240	41	24	30	17	6

BUREAU OF RECLAMATION - CRFS 1/2005 MOST PROB WATER SUPPLY JOB STARTED:Wed JAN 12 8:8:28 2005

model_run_id = 1427

F L O O D C O N T R O L C R I T E R I A
B E G I N N I N G O F M O N T H C O N D I T I O N S

					UPPER							TOT OR			BOM	MEAD	MEAD		
	FLAMING	BLUE		LAKE	BASIN	LAKE		FLAMING	BLUE		MAX	LAKE	LAKE		SPACE	SCHED	FC	SYS
MON YEAR	GORGE	MESA	NAVAJO	POWELL	TOTAL	MEAD	TOTAL	GORGE	MESA	NAVAJO	ALLOW	POWELL	MEAD	TOTAL	REQD	REL	REL	CONT
	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	KAF	MAF
* * * * P R E D I C T E D S P A C E * * * *											* * * * C R E D I T A B L E S P A C E * * * *							
JAN 2005	1125	338	705	15656	17824	13025	30849	1125	338	705	2167	15656	13025	30849	5350	368	0	30.0
* * * * E F F E C T I V E S P A C E * * * *																		
JAN 2005	1125	338	705	15656	17824	13025	30849	655	338	638	1631	15656	13025	30313	5350	368	0	30.0
FEB 2005	1143	350	698	16027	18218	12530	30747	671	350	631	1652	16027	12530	30209	1500	451	0	29.9
MAR 2005	1141	370	685	16340	18535	12254	30789	666	370	617	1652	16340	12254	30246	1500	999	0	29.6
APR 2005	1081	406	635	16583	18705	12433	31138	600	406	561	1567	16583	12433	30583	1500	1108	0	29.4
MAY 2005	992	422	509	16378	18301	13057	31358	502	422	411	1334	16378	13057	30770	1500	937	0	30.6
JUN 2005	850	288	314	15328	16780	13425	30206	350	287	182	819	15328	13425	29572	1500	912	0	32.5
JUL 2005	669	68	234	13792	14764	13603	28366	154	42	56	252	13792	13603	27647	1500	935	0	32.9
* * * * C R E D I T A B L E S P A C E * * * *																		
AUG 2005	534	27	230	13391	14182	13734	27916	534	27	230	791	13391	13734	27916	1500	856	0	32.5
SEP 2005	537	54	252	13625	14467	13750	28217	537	54	252	843	13625	13750	28217	2270	672	0	32.2
OCT 2005	574	110	242	13624	14550	13905	28455	574	110	242	926	13624	13905	28455	3040	471	0	31.9
NOV 2005	609	160	232	13575	14577	13918	28495	609	160	232	1001	13575	13918	28495	3810	618	0	31.8
DEC 2005	646	191	220	13746	14804	13870	28674	646	191	220	1057	13746	13870	28674	4580	601	0	31.7
JAN 2006	698	248	214	13865	15025	13879	28904	698	248	214	1160	13865	13879	28904	5350	628	0	31.6
* * * * E F F E C T I V E S P A C E * * * *																		
JAN 2006	698	248	214	13865	15025	13879	28904	418	248	212	877	13865	13879	28622	5350	628	0	31.6
FEB 2006	745	306	209	14187	15447	13709	29156	463	306	206	974	14187	13709	28871	1500	654	0	31.3
MAR 2006	781	358	196	14456	15790	13622	29412	495	358	192	1045	14456	13622	29123	1500	989	0	31.0
APR 2006	775	407	140	14689	16011	13789	29800	484	407	130	1022	14689	13789	29500	1500	1124	0	30.7
MAY 2006	724	412	47	14492	15675	14426	30101	427	412	11	850	14492	14426	29767	1500	1032	0	31.6
JUN 2006	613	267	90	13386	14356	14879	29236	305	262	19	586	13386	14879	28852	1500	900	0	33.2
JUL 2006	444	60	178	11921	12604	15042	27646	122	34	60	216	11921	15042	27180	1500	873	0	33.5
* * * * C R E D I T A B L E S P A C E * * * *																		

AUG	2006	341	27	171	11606	12145	15108	27252	341	27	171	538	11606	15108	27252	1500	807
0	33.2																
SEP	2006	369	59	200	11841	12469	15072	27541	369	59	200	628	11841	15072	27541	2270	591
0	32.9																
OCT	2006	429	117	197	11830	12572	15147	27719	429	117	197	742	11830	15147	27719	3040	322
0	32.9																
NOV	2006	482	162	199	11816	12659	14917	27576	482	162	199	844	11816	14917	27576	3810	663
0	32.8																
DEC	2006	537	191	198	11823	12750	15003	27752	537	191	198	926	11823	15003	27752	4580	650
0	32.7																

Date: February 10, 2005

From: Water Resource Group, Salt Lake City

To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Status

	January inflow(unreg) (Acre-Feet)	Percent of normal	Midnight Febraury 08 Elevation	Reservoir Storage (Acre-Feet)
Fontenelle	49,000	114	6481.65	176,000
Flaming Gorge	64,000	114	6014.03	2,774,000
Blue Mesa	26,000	82	7476.68	482,000
Powell	558,000	103	3560.94	8,395,000
Navajo	46,000	131	6032.61	1,035,000

Expected Operation

FONTENELLE - The April through July inflow forecast for Fontenelle Reservoir is now 800,000 acre-feet (93% of average). Based on this forecast it is very likely that Fontenelle Reservoir will be full by August of 2005. It is also likely that bypass releases will be necessary to control reservoir storage during the spring period. Inflows during the months of February, March and April are forecasted to be 30,000, 55,000 and 95,000 acre-feet. These inflow volumes are all above normal for this time of year.

Releases are currently 1200 cfs and the elevation of Fontenelle Reservoir is decreasing at approximately 7 feet per month. On February 8, 2005 the reservoir elevation of Fontenelle was approximately 6481.9 feet above see level. Releases from Fontenelle will likely be increased in March when ice conditions subside. The reservoir elevation will likely be near the minimum active pool elevation (6463 feet above sea level) by late April.

Open forum discussions on Fontenelle operations take place at the "Fontenelle Reservoir Working Group" meetings. The Working Group is a forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir. The public is encouraged to attend and express their concerns and interests with regard to Fontenelle Reservoir operation. The next Working Group meeting is scheduled for April 19, 2005 and will be held in Green River, WY at the Wyoming Fish and Game Office. The meeting will begin at 10:00 am. For more information about the Fontenelle Working Group, contact Ed Vidmar at 801-379-1182.

FLAMING GORGE - The April through July Unregulated Inflow forecast was increased to

1,150,000 acre-feet (97% of average) in February. Based on this forecast, Flaming Gorge Reservoir will likely see some significant filling during the spring and summer this year. Inflows during the winter have been near normal and are projected to remain near normal for February, March and April as well. Based on the latest forecast the projected April 1st reservoir elevation is now 6016.7 feet above sea level (23.3 feet from full pool) and the projected August 1st reservoir elevation is now 6027.3 feet above sea level (12.7 feet from full pool). Snow pack conditions above Flaming Gorge are measuring 89% of normal on February 8, 2005. Snowpack conditions in the Yampa River Basin are measuring 89% of normal and the forecasted April through July flow volume is currently 84% of normal.

Releases from Flaming Gorge were increased somewhat in late January as a result of higher inflow forecasts. Releases were increased from an average daily release of 800 cfs to 1000 cfs. At the higher release rate, some hour to hour fluctuations are now occurring. These fluctuations are within the constraints of the Reasonable and Prudent Alternative of the 1992 Biological Opinion on the Operation of Flaming Gorge Dam. These constraints limit fluctuations such that flows of the Green River measured at Jensen, Utah do not deviate outside of a 25% window about the average daily flow measured at this point.

The next "Flaming Gorge Working Group" meeting is to be held on April 20th, 2005 in Vernal, Utah at 10:00 a.m.. Please note that this date has changed from previously published dates. The location of the meeting will be at the Western Park Convention Center. The Working Group is a forum for information exchange between Reclamation and all other parties associated with the operation of Flaming Gorge Reservoir. The public is encouraged to attend and express their concerns and interests with regard to the operation of Flaming Gorge Reservoir. For more information about the Working Group please contact Ed Vidmar at 801-379-1182.

ASPINALL – January unregulated inflow into Blue Mesa Reservoir was 23,000 acre-feet or 90 percent of average. Hydrologic conditions are improving as basin precipitation and snowpack continues to increase. On February 8, 2005 the basin snowpack was averaging 141 percent. For most of the fall month's average precipitation was above normal. The wet trend continued into January, recorded precipitation was almost double the monthly average, which was recorded at 190 percent of average. The current inflow rate into Blue Mesa Reservoir is about 300 cfs and reservoir releases are averaging about 600 cfs. Blue Mesa's present elevation is 7476.73 feet, which corresponds to a storage content of about 482,000 acre-feet.

On February 3, 2005, the National Weather Service's River Forecast Center issued an update for the seasonal runoff volume forecast for April through July. The forecast is for 825,000 acre-feet, or 115 percent of normal inflow into Blue Mesa for that time period. Based on this forecast, Blue Mesa Reservoir is estimated to fill during this year's spring runoff.

Due to the increase in the projected runoff forecast for the Gunnison River Basin, reservoir releases from Crystal Dam have been increasing. The first of these changes occurred on January 7 when releases increased from 350 cfs to 600 cfs, then again on February 8, releases increased from 600 cfs to 800 cfs. Other increases are projected by week's end when total Crystal releases are scheduled to be at 1,000 cfs. Current flows in the river are now 800 cfs. River flows through the Black Canyon of the Gunnison have been set close to the minimum flow rate during the last few winters due to the drought.

The next meeting of the "Aspinall Unit Working Group" will be held on Friday, April 22, 2005 at 1:00 PM at Reclamation's Office in Grand Junction, Colorado. Review of last fall and winter

reservoir operations, and plans for this spring and next summer 2005 operations will be discussed. These meetings are open forum discussions on the Aspinall Unit reservoir operations with many interested groups participating. Anyone needing further information about these meetings should contact Dan Crabtree in the Grand Junction Area Office at (970) 248-0652.

NAVAJO – Reclamation decreased the release from Navajo Reservoir from 350 cubic feet per second (cfs) to 250 cfs, at 9:00 a.m. on Monday, November 1, 2004. This release will remain at 250 cfs throughout the winter, or until further notice. Releases are made for the authorized purposes of the Navajo Unit, and to attempt to maintain a target base flow through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell).

Based upon current hydrological conditions and historical hydrologic data, the target base flow should remain above 500 cfs through the critical habitat area. The target base flow is calculated as the weekly average of gaged flows throughout the critical habitat area, therefore daily flows of less than 500 cfs may occur at some gages. Navajo release will be increased if the downstream target base flow drops below 500 cfs.

Reclamation will continue to closely monitor the hydrologic conditions in the basin. As such, this scheduled release change is subject to changes in river flows and weather conditions.

The current hydrologic conditions continue to be wet. As of February 8, 2005, the upper San Juan basin snowpack stood at 161 percent of average and 181 percent of average for the Animas River basin. Precipitation for the month of January was recorded at 240 percent of average, which resulted in another month of above normal inflow into Navajo Reservoir. Unregulated inflow was 49,000 acre-feet, or 220 percent of average for January. This inflow volume raised the elevation of the reservoir 3.72 feet during the month. Currently, the daily reservoir inflow is averaging about 700 cfs and reservoir releases are set at 250 cfs. The reservoir water surface elevation is 6032.61 feet, which corresponds to a storage content of about 1,035,000 acre-feet.

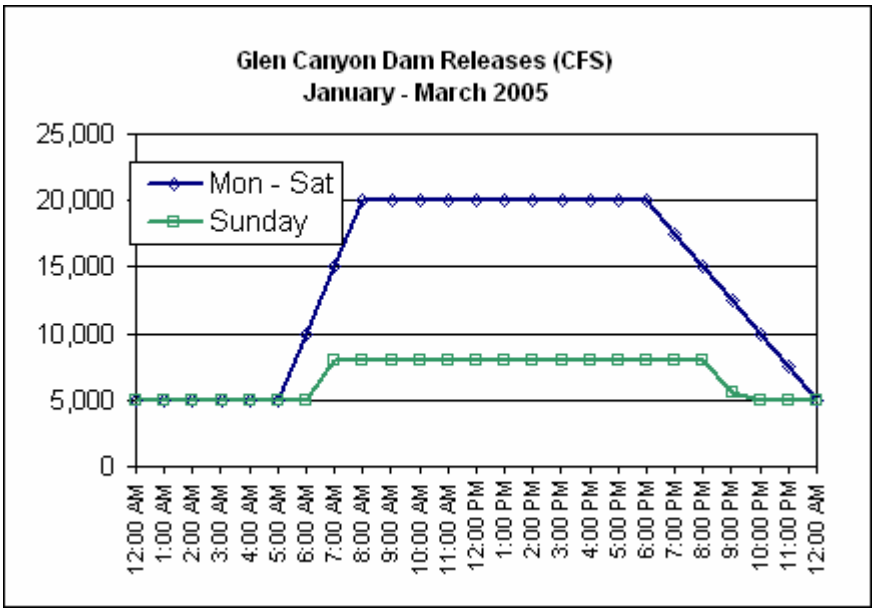
On February 3, 2005, the National Weather Service's River Forecast Center issued an updated unregulated inflow forecast for Navajo Reservoir for the April through July runoff period. This forecast is projecting a volume runoff into the reservoir of 1,230,000 acre-feet, which represents a 154 percent of normal runoff for the upper San Juan Basin. The reservoir is projected to fill, while also providing the maximum spring release rates (21 days at 5,000 cfs) for endangered fish as determined by the Flow Recommendations. Their would be no shortages to Navajo Reservoir water contract users using this forecast.

A public meeting on Navajo Reservoir operations will be held on Tuesday, April 19, 2005 at 1:00 p.m. in Farmington, New Mexico. At this meeting, review of last fall and winter reservoir operations, and plans for spring and summer 2005 operations will be discussed. These are open forum discussions on the operation of Navajo Reservoir with many interested groups participating. Anyone interested in the general operation of the reservoir is encouraged to attend. Please contact Pat Page in Reclamation's Durango, Colorado Office at (970) 385-6560 for information about these meetings or the daily operation of Navajo Reservoir.

Lake Powell - Glen Canyon Dam - Current Status

Operations – Experimental Releases

Daily high fluctuating releases from Glen Canyon Dam, as part of the Glen Canyon Dam experimental flows, are being implemented from January 2, 2005 through the first week of April 2005. On Mondays through Saturdays, releases will range between 5,000 cubic feet per second (cfs) and 20,000 cfs. The 20,000 cfs release will be maintained for about 11 hours (from 9:00 am until about 8:00 pm) and the 5,000 cfs release will be maintained for about 6 hours (from 1:00 am until about 7:00 am). The other hours are transitional, where releases will be between the daily high and the daily low. Releases on Sundays will range between a low of about 5,000 cfs to a high of about 8,000 cfs. The following plot shows the daily scheduled release pattern. It should be noted that actual releases may deviate somewhat from those shown due to real time power systems considerations.



The January through March high fluctuating releases are intended to benefit the endangered humpback chub. Scientists have recognized that the humpback chub population has been in general decline since high fluctuating flows were curtailed in November of 1991. Those flows helped keep the non-native fish, especially the rainbow and brown trout, in check. The trout are thought to prey upon and compete with native fish such as the endangered humpback chub. This is the third consecutive year of high fluctuating winter releases as part of the experimental flows.

Monthly release volumes in January, February, and March 2005 are scheduled to be 779,000, 723,000, and 807,000 acre-feet, respectively, which averages out to about 14,000 cfs per day on Mondays through Saturdays and 6,700 cfs per day on Sundays. On April 8, 2005 high fluctuating releases are scheduled to end. Releases will be lower in April. A volume of 500,000 acre-feet is scheduled to be released in April.

On November 21, 2004, releases from Glen Canyon Dam were increased for a high-flow experiment. Releases were increased to 41,000 cfs, with this release level maintained for 60 hours. For additional information on the high-flow experiment go to: http://137.77.133.1/uc/feature/GCtestflow/index.html

Because of the draw down condition of Lake Powell, releases from Lake Powell in water year 2005 are being scheduled to meet the minimum release objective of 8.23 million acre-feet. Experimental releases will not change the total volume of water to be released from Lake Powell in water year 2005.

Upper Colorado River Basin Hydrology

The Colorado River Basin has now completed 5 consecutive years of severe drought. In the summer of 1999 Lake Powell was essentially full, with reservoir storage at 97 percent of capacity. Since that time, inflow volumes have been below average for 5 consecutive water years. Total unregulated inflow to Lake Powell in water year 2004 was only 51 percent of average. Unregulated inflow in water years 2000, 2001, 2002, and 2003 was 62, 59, 25, and 51 percent of average, respectively. Inflow in water year 2002 was the lowest ever observed since the completion of Glen Canyon Dam in 1963.

Hydrologic conditions have improved in the past 5 months in the Colorado River Basin. Since September 2004, precipitation in the basin has been above average. The Colorado River Basin received extensive precipitation during a two week period which extended from December 28, 2004 through January 12, 2005. Draft data shows that precipitation in the Upper Colorado River Basin was nearly 200 percent of average in January, with almost all of this moisture occurring in the first 12 days of the month. Snowpack in the basin above Lake Powell is currently 121 percent of average (as of February 7, 2005).

Inflow, as a percentage of average, has been increasing since last summer in response to the precipitation events last fall and this winter. November 2004 was the first month with above average inflow to Lake Powell since September 1999. Unregulated inflow in January was 519,000 acre-feet, or 128 percent of average.

As of February 6, 2005, the elevation of Lake Powell is 3,561.3 feet (138.7 feet from full pool). Current storage is 8.42 million acre-feet (35 percent of live capacity).

The National Weather Service (in their February final forecast) is forecasting 9.0 million acre-feet of unregulated inflow to Lake Powell this April through July. This is 113.5 percent of average.

The water surface elevation of Lake Powell is projected to gradually decline until early-April 2005. Current projections show the lake decreasing to an elevation of about 3,556 feet by early April. The elevation of Lake Powell is projected to increase from April through mid-July of 2005. Current projections (using the February final forecast) show Lake Powell reaching a peak in July 2005 of about 3,606 feet.

It should be noted, however, there is uncertainty with these projections. Weather conditions for the remainder of the winter and this spring will ultimately determine how much runoff there will be to Lake Powell in 2005.

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-280
125 SOUTH STATE STREET, ROOM 6107
SALT LAKE CITY, UT 84138-1102
PHONE 801-524-5571

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RUNOFF PROJECTIONS AND INFLOW INFORMATION INTO UPPER BASIN RESERVOIR PROVIDED BY THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICE'S COLORADO BASIN RIVER FORECAST CENTER ARE AS FOLLOWS

:	Obs					Forecast				
Outlook:	oct	nov	dec	jan	%Avg	feb	mar	apr	apr-jul	%Avg
GLDA3:Lake Powell	505	558	376	519	128%:	425/	750/	1250/	9000/:	113%
GBRW4:Fontenelle	54	49	35	36	116%:	30/	55/	95/	800/:	93%
GRNU1:Flaming Gorge	68	62	37	45	101%:	48/	115/	180/	1150/:	97%
BMDC2:Blue Mesa	28	26	21	23	90%:	20/	38/	95/	825/:	115%
MPSC2:Morrow Point	30	27	22	24	88%:	22/	43/	110/	905/:	115%
CLSC2:Crystal	33	30	25	28	88%:	25/	50/	125/	1030/:	113%
TPIC2:Taylor Park	5.2	3.9	3.9	4.6	104%:	3.5/	4/	8.5/	110/:	107%
VCRC2:Vallecito	19.2	12.5	9.3	9.9	189%:	6.5/	10/	33/	320/:	156%
NVRN5:Navajo	55	46	30	49	220%:	35/	95/	230/	1230/:	154%
LEMC2:Lemon	4.1	2.4	1.64	1.60	177%:	.8/	1.5/	6.9/	85/:	147%
MPHC2:McPhee	8.7	6.6	4.7	8.4	188%:	5.5/	25/	85/	370/:	116%
RBSC2:Ridgway					:	/	/	/	115/:	113%

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Fontenelle Reservoir

	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
* Feb 2004	23	1	43	0	43	6477.84	156
H Mar 2004	58	1	46	0	46	6479.97	167
I Apr 2004	66	1	44	0	44	6483.56	187
S May 2004	67	2	59	0	59	6484.57	193
T Jun 2004	182	2	60	0	60	6501.79	313
O Jul 2004	168	3	89	54	143	6504.73	336
R Aug 2004	56	2	76	7	83	6500.95	306
I Sep 2004	41	2	24	33	57	6498.57	288
WY 2004	768	18	604	116	720		
C Oct 2004	54	1	46	13	59	6497.76	282
A Nov 2004	49	1	62	3	65	6495.55	266
L Dec 2004	35	1	74	0	74	6489.78	226
* Jan 2005	36	1	73	2	75	6483.52	187
Feb 2005	30	1	67	0	67	6476.66	150
Mar 2005	55	0	78	0	78	6471.65	126
Apr 2005	95	1	89	0	89	6472.79	131
May 2005	181	1	100	19	119	6484.33	192
Jun 2005	328	2	103	126	229	6498.63	289
Jul 2005	196	3	102	45	147	6504.69	335
Aug 2005	84	2	89	0	89	6503.73	328
Sep 2005	48	2	67	0	67	6501.05	307
WY 2005	1191	16	950	208	1158		
Oct 2005	47	1	69	0	69	6497.93	284
Nov 2005	39	1	67	0	67	6493.94	255
Dec 2005	30	1	69	0	69	6487.98	215
Jan 2006	28	1	69	0	69	6481.15	173
Feb 2006	26	1	62	0	62	6473.87	136
Mar 2006	47	0	78	0	78	6466.48	105
Apr 2006	84	1	89	0	89	6464.98	99
May 2006	176	1	96	26	122	6477.11	152
Jun 2006	320	2	101	85	186	6497.90	283
Jul 2006	192	3	103	42	145	6503.76	328
Aug 2006	83	2	83	0	83	6503.48	326
Sep 2006	48	2	68	0	68	6500.67	304
WY 2006	1120	16	954	153	1107		
Oct 2006	52	1	70	0	70	6498.04	284
Nov 2006	43	1	68	0	68	6494.49	259
Dec 2006	33	1	71	0	71	6488.72	220
Jan 2007	31	1	71	0	71	6482.19	179

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Flaming Gorge Reservoir

	Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Yampa Flow 1000 Ac-Ft	Jensen Flow 1000 Ac-Ft
* Feb 2004	33	53	2	50	0	50	67	6008.77	2602	0	301
H Mar 2004	98	89	3	54	0	54	68	6009.71	2632	0	246
I Apr 2004	84	62	4	51	0	51	68	6009.90	2638	0	233
S May 2004	76	69	7	107	0	107	67	6008.57	2595	0	391
T Jun 2004	188	74	9	61	0	61	67	6008.69	2599	0	232
O Jul 2004	182	147	11	61	0	61	70	6010.91	2671	0	119
R Aug 2004	60	88	11	62	0	62	70	6011.37	2686	0	73
I Sep 2004	46	62	9	60	0	60	70	6011.15	2679	0	81
WY 2004	873	829	69	715	0	715					2174
C Oct 2004	68	74	6	51	0	51	71	6011.65	2695	0	103
A Nov 2004	62	75	3	48	0	48	72	6012.35	2718	0	95
L Dec 2004	37	77	2	50	0	50	73	6013.09	2743	0	86
* Jan 2005	45	84	2	56	0	56	74	6013.89	2769	0	114
Feb 2005	48	85	2	56	0	56	75	6014.68	2796	0	56
Mar 2005	115	138	3	61	0	61	77	6016.77	2867	0	61
Apr 2005	180	174	4	60	0	60	80	6019.84	2974	0	60
May 2005	285	223	7	135	0	135	83	6022.02	3052	0	135
Jun 2005	442	343	10	226	0	226	86	6024.85	3155	0	226
Jul 2005	244	194	13	86	0	86	89	6027.32	3247	0	86
Aug 2005	100	105	12	86	0	86	90	6027.49	3253	0	86
Sep 2005	59	78	11	83	0	83	89	6027.08	3238	0	83
WY 2005	1685	1650	75	998	0	998					1191
Oct 2005	59	81	7	86	0	86	89	6026.76	3226	0	86
Nov 2005	50	78	3	83	0	83	88	6026.54	3217	0	83
Dec 2005	36	75	2	86	0	86	88	6026.21	3205	0	86
Jan 2006	41	82	2	86	0	86	88	6026.06	3200	0	86
Feb 2006	45	81	2	78	0	78	88	6026.11	3201	0	78
Mar 2006	97	128	3	86	0	86	89	6027.11	3239	0	86
Apr 2006	141	146	5	83	0	83	91	6028.60	3295	0	83
May 2006	273	219	8	151	0	151	93	6030.11	3353	0	151
Jun 2006	423	289	11	240	0	240	94	6031.07	3390	0	240
Jul 2006	233	186	14	111	0	111	96	6032.58	3450	0	111
Aug 2006	97	97	13	111	0	111	95	6031.92	3424	0	111
Sep 2006	59	79	11	107	0	107	94	6030.94	3385	0	107
WY 2006	1554	1541	81	1308	0	1308					1308
Oct 2006	65	83	7	111	0	111	93	6030.06	3351	0	111
Nov 2006	56	81	4	107	0	107	92	6029.31	3322	0	107
Dec 2006	40	78	2	111	0	111	91	6028.43	3289	0	111
Jan 2007	45	85	2	111	0	111	90	6027.74	3263	0	111

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Taylor Park Reservoir

		Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Feb 2004	4	3	9311.44	72
H	Mar 2004	5	4	9312.62	74
I	Apr 2004	8	4	9314.81	78
S	May 2004	23	10	9322.01	91
T	Jun 2004	23	16	9325.53	97
O	Jul 2004	11	19	9321.35	89
R	Aug 2004	6	18	9314.10	77
I	Sep 2004	5	15	9308.05	67
	WY 2004	102	102		
C	Oct 2004	5	7	9307.00	65
A	Nov 2004	4	3	9307.60	66
L	Dec 2004	4	3	9307.98	67
*	Jan 2005	5	3	9308.68	68
	Feb 2005	3	3	9308.93	68
	Mar 2005	5	4	9309.32	69
	Apr 2005	11	12	9308.42	67
	May 2005	29	18	9314.94	78
	Jun 2005	48	24	9327.71	102
	Jul 2005	23	24	9327.31	101
	Aug 2005	10	20	9322.25	91
	Sep 2005	7	18	9315.98	80
	WY 2005	154	139		
	Oct 2005	6	12	9312.36	74
	Nov 2005	5	3	9313.33	75
	Dec 2005	4	3	9313.99	76
	Jan 2006	4	3	9314.52	77
	Feb 2006	3	3	9314.76	78
	Mar 2006	4	4	9314.70	78
	Apr 2006	8	10	9313.27	75
	May 2006	25	18	9317.13	82
	Jun 2006	41	22	9327.31	101
	Jul 2006	20	21	9326.80	100
	Aug 2006	9	20	9321.18	89
	Sep 2006	6	18	9314.64	78
	WY 2006	135	137		
	Oct 2006	7	12	9311.33	72
	Nov 2006	5	3	9312.63	74
	Dec 2006	5	3	9313.60	76
	Jan 2007	4	6	9312.61	74

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Blue Mesa Reservoir

	Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir elevation EOM Feet	Live Storage 1000 Ac-Ft
* Feb 2004	19	19	0	12	0	12	7463.03	390
H Mar 2004	46	44	0	13	0	13	7467.75	421
I Apr 2004	68	64	1	31	0	31	7472.65	454
S May 2004	154	141	1	32	0	32	7487.46	562
T Jun 2004	134	128	1	54	0	54	7496.75	635
O Jul 2004	65	72	1	93	0	93	7494.00	613
R Aug 2004	28	41	1	93	0	93	7487.18	560
I Sep 2004	22	32	1	83	0	83	7480.20	507
WY 2004	628	629	6	503	0	503		
C Oct 2004	28	30	0	58	0	58	7476.41	480
A Nov 2004	26	25	0	11	0	11	7478.29	494
L Dec 2004	21	20	0	22	0	22	7477.99	491
* Jan 2005	23	22	0	27	0	27	7477.18	486
Feb 2005	20	20	0	56	0	56	7471.95	449
Mar 2005	38	37	0	99	1	100	7462.38	386
Apr 2005	95	96	1	94	0	94	7462.75	388
May 2005	247	236	1	131	0	131	7478.16	493
Jun 2005	331	308	1	48	0	48	7510.67	752
Jul 2005	152	153	2	101	0	101	7516.37	802
Aug 2005	69	78	1	109	0	109	7512.80	770
Sep 2005	36	47	1	103	0	103	7506.27	714
WY 2005	1086	1072	7	859	1	860		
Oct 2005	33	39	1	83	0	83	7501.03	670
Nov 2005	29	27	0	59	0	59	7497.19	638
Dec 2005	23	22	0	79	0	79	7489.98	581
Jan 2006	23	22	0	74	0	74	7483.14	529
Feb 2006	21	21	0	61	0	61	7477.65	489
Mar 2006	32	32	0	69	0	69	7472.41	452
Apr 2006	68	70	1	72	0	72	7472.08	450
May 2006	196	189	1	55	0	55	7490.33	584
Jun 2006	263	244	1	47	0	47	7513.89	780
Jul 2006	121	122	2	98	0	98	7516.39	802
Aug 2006	59	70	1	112	0	112	7511.50	759
Sep 2006	33	45	1	104	0	104	7504.47	699
WY 2006	901	903	8	913	0	913		
Oct 2006	37	43	1	82	0	82	7499.67	659
Nov 2006	32	30	0	52	0	52	7496.89	636
Dec 2006	26	24	0	79	0	79	7489.99	581
Jan 2007	25	27	0	98	0	98	7480.61	510

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Morrow Point Reservoir

	Unreg Inflow 1000 Ac-Ft	Blue_Mesa Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Evap losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
* Feb 2004	22	12	2	14	0	15	0	15	7150.31	109
H Mar 2004	51	13	5	18	0	17	0	17	7151.24	110
I Apr 2004	78	31	10	40	0	40	0	40	7151.23	110
S May 2004	171	32	18	50	0	47	0	47	7154.18	112
T Jun 2004	143	54	8	62	0	62	0	62	7154.59	113
O Jul 2004	66	93	1	94	0	95	0	95	7152.76	111
R Aug 2004	29	93	1	94	0	93	0	93	7153.42	112
I Sep 2004	23	83	1	84	0	86	0	86	7151.14	110
WY 2004	683	503	54	554	0	555	0	555		
C Oct 2004	30	58	1	59	0	56	0	56	7155.42	113
A Nov 2004	27	11	1	12	0	17	0	17	7149.03	108
L Dec 2004	22	22	1	24	0	22	0	22	7150.76	110
* Jan 2005	24	27	2	29	0	30	0	30	7149.07	108
Feb 2005	23	56	3	59	0	55	0	55	7153.73	112
Mar 2005	42	100	4	104	0	104	0	104	7153.73	112
Apr 2005	107	94	12	106	0	106	0	106	7153.73	112
May 2005	280	131	33	164	0	164	0	164	7153.73	112
Jun 2005	358	48	26	74	0	74	0	74	7153.73	112
Jul 2005	160	101	8	109	0	109	0	109	7153.73	112
Aug 2005	72	109	3	112	0	112	0	112	7153.73	112
Sep 2005	38	103	2	105	0	105	0	105	7153.73	112
WY 2005	1183	860	96	957	0	954	0	954		
Oct 2005	35	83	2	84	0	85	0	85	7153.73	112
Nov 2005	31	59	2	61	0	61	0	61	7153.73	112
Dec 2005	25	79	2	81	0	81	0	81	7153.73	112
Jan 2006	24	74	1	75	0	75	0	75	7153.73	112
Feb 2006	23	61	2	62	0	63	0	63	7153.73	112
Mar 2006	35	69	3	72	0	72	0	72	7153.73	112
Apr 2006	77	72	9	81	0	81	0	81	7153.73	112
May 2006	222	55	26	80	0	81	0	81	7153.73	112
Jun 2006	284	47	21	67	0	68	0	68	7153.73	112
Jul 2006	127	98	6	104	0	104	0	104	7153.73	112
Aug 2006	61	112	2	114	0	114	0	114	7153.73	112
Sep 2006	35	104	2	106	0	106	0	106	7153.73	112
WY 2006	979	913	78	987	0	991	0	991		
Oct 2006	39	82	2	84	0	84	0	84	7153.73	112
Nov 2006	34	52	2	54	0	54	0	54	7153.73	112
Dec 2006	28	79	2	81	0	81	0	81	7153.73	112
Jan 2007	27	98	2	100	0	100	0	100	7153.73	112

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Crystal Reservoir

	unreg Inflow 1000 Ac-Ft	Morrow Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Tunnel Flow 1000 Ac-Ft	Below_tunnel Flow 1000 Ac-Ft
* Feb 2004	25	15	3	18	0	18	18	6748.18	16	1	19
H Mar 2004	58	17	7	25	0	24	24	6749.98	16	5	19
I Apr 2004	88	40	10	50	0	50	50	6751.44	17	33	19
S May 2004	194	47	23	70	0	70	70	6751.47	17	50	22
T Jun 2004	156	62	13	75	0	75	75	6752.33	17	55	22
O Jul 2004	68	95	2	97	0	99	99	6746.23	15	64	40
R Aug 2004	30	93	1	95	0	95	95	6744.94	15	65	35
I Sep 2004	25	86	2	88	0	86	86	6751.39	17	55	35
WY 2004	759	555	77	634	27	605	632			363	293
C Oct 2004	33	56	3	59	38	21	59	6750.20	16	23	38
A Nov 2004	30	17	3	20	0	22	22	6742.26	14	1	23
L Dec 2004	25	22	3	25	13	10	23	6751.64	17	0	23
* Jan 2005	28	30	4	34	34	0	34	6752.58	17	0	35
Feb 2005	25	55	2	57	58	0	58	6749.60	16	0	58
Mar 2005	50	104	8	112	112	0	112	6749.60	16	5	107
Apr 2005	125	106	18	123	124	0	124	6749.60	16	30	93
May 2005	321	164	41	205	128	77	205	6749.60	16	55	150
Jun 2005	405	74	48	121	121	0	121	6749.60	16	60	61
Jul 2005	179	109	19	128	128	0	128	6749.60	16	65	63
Aug 2005	87	112	15	127	127	0	127	6749.60	16	65	62
Sep 2005	48	105	10	115	115	0	115	6749.60	16	55	60
WY 2005	1356	954	174	1126	998	130	1128			359	773
Oct 2005	42	85	7	91	92	0	92	6749.60	16	30	61
Nov 2005	36	61	5	66	66	0	66	6749.60	16	0	66
Dec 2005	30	81	5	86	86	0	86	6749.60	16	0	86
Jan 2006	29	75	5	80	80	0	80	6749.60	16	0	80
Feb 2006	27	63	4	66	67	0	67	6749.60	16	0	66
Mar 2006	42	72	7	79	79	0	79	6749.60	16	5	73
Apr 2006	94	81	17	98	98	0	98	6749.60	16	30	68
May 2006	269	81	47	128	128	0	128	6749.60	16	55	72
Jun 2006	340	68	56	123	124	0	124	6749.60	16	60	63
Jul 2006	150	104	23	127	127	0	127	6749.60	16	65	62
Aug 2006	74	114	13	127	127	0	127	6749.60	16	65	62
Sep 2006	44	106	9	115	115	0	115	6749.60	16	55	60
WY 2006	1177	991	198	1186	1189	0	1189			365	819
Oct 2006	47	84	8	92	92	0	92	6749.60	16	30	62
Nov 2006	40	54	6	60	60	0	60	6749.60	16	0	60
Dec 2006	33	81	5	86	86	0	86	6749.60	16	0	86
Jan 2007	32	100	5	105	105	0	105	6749.60	16	0	105

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Vallecito Reservoir

		Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Feb 2004	4	0	7636.34	57
H	Mar 2004	16	0	7643.57	72
I	Apr 2004	25	7	7651.11	90
S	May 2004	73	44	7662.38	118
T	Jun 2004	51	49	7663.00	120
O	Jul 2004	20	42	7654.40	98
R	Aug 2004	9	38	7642.16	69
I	Sep 2004	23	26	7640.41	65
	WY 2004	243	210		
C	Oct 2004	19	8	7645.31	76
A	Nov 2004	13	7	7647.85	82
L	Dec 2004	9	15	7645.49	76
*	Jan 2005	10	11	7644.99	75
	Feb 2005	7	17	7640.46	65
	Mar 2005	10	17	7637.10	58
	Apr 2005	33	53	7626.17	38
	May 2005	105	70	7643.90	73
	Jun 2005	128	76	7664.72	125
	Jul 2005	55	61	7662.33	118
	Aug 2005	25	45	7654.78	99
	Sep 2005	18	40	7645.59	77
	WY 2005	432	420		
	Oct 2005	13	21	7641.84	68
	Nov 2005	8	8	7642.07	69
	Dec 2005	5	5	7642.11	69
	Jan 2006	5	5	7642.02	69
	Feb 2006	5	4	7642.20	69
	Mar 2006	7	3	7644.10	73
	Apr 2006	19	10	7647.96	82
	May 2006	60	47	7653.47	96
	Jun 2006	74	49	7663.07	120
	Jul 2006	32	43	7658.71	109
	Aug 2006	17	43	7648.26	83
	Sep 2006	14	30	7641.38	67
	WY 2006	259	268		
	Oct 2006	14	12	7642.30	69
	Nov 2006	9	6	7643.65	72
	Dec 2006	6	6	7643.89	73
	Jan 2007	5	5	7644.06	73

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Navajo Reservoir

		Mod_Unreg Inflow 1000 Ac-Ft	Azetea Tunnel_Div 1000 Ac-Ft	Reg Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	NIIP Diversion 1000 ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Farm Flow 1000 Ac-Ft
*	Feb 2004	24	0	20	1	1	15	5996.45	711	33
H	Mar 2004	120	12	94	1	4	16	6005.51	784	58
I	Apr 2004	152	15	119	2	11	21	6015.33	869	98
S	May 2004	225	30	168	3	28	22	6027.58	984	155
T	Jun 2004	133	20	109	3	40	22	6031.96	1028	115
O	Jul 2004	22	2	40	3	39	33	6028.39	992	48
R	Aug 2004	-2	0	26	3	39	45	6022.11	932	41
I	Sep 2004	58	2	61	2	19	36	6022.48	935	67
	WY 2004	805	81	693	20	188	283			853
C	Oct 2004	55	2	42	1	4	22	6024.04	950	54
A	Nov 2004	46	1	37	1	0	15	6026.25	971	47
L	Dec 2004	30	0	36	0	0	16	6028.28	991	43
*	Jan 2005	53	0	53	1	0	16	6032.00	1029	51
	Feb 2005	35	0	45	1	0	14	6034.96	1059	14
	Mar 2005	95	1	101	1	5	17	6042.31	1138	17
	Apr 2005	230	11	240	2	23	26	6058.29	1326	26
	May 2005	446	32	379	4	30	200	6069.37	1472	200
	Jun 2005	417	49	317	5	42	212	6073.56	1531	212
	Jul 2005	136	24	119	5	47	22	6076.61	1575	22
	Aug 2005	60	5	75	4	42	40	6075.84	1563	40
	Sep 2005	45	0	67	3	18	28	6077.03	1581	28
	WY 2005	1648	125	1511	28	211	628			754
	Oct 2005	40	0	48	2	12	22	6077.88	1593	22
	Nov 2005	32	0	32	1	1	16	6078.79	1607	16
	Dec 2005	23	0	23	1	0	16	6079.24	1613	16
	Jan 2006	21	0	21	1	0	15	6079.58	1619	15
	Feb 2006	28	0	28	1	0	14	6080.41	1631	14
	Mar 2006	80	0	76	2	5	40	6082.35	1660	40
	Apr 2006	153	8	136	3	23	110	6082.34	1660	110
	May 2006	248	44	191	4	30	200	6079.42	1616	200
	Jun 2006	231	35	172	5	43	211	6073.44	1529	211
	Jul 2006	76	3	85	5	48	24	6073.94	1536	24
	Aug 2006	41	3	64	4	43	40	6072.33	1513	40
	Sep 2006	36	1	50	3	19	25	6072.58	1517	25
	WY 2006	1009	94	926	32	224	733			733
	Oct 2006	44	0	42	2	12	31	6072.41	1514	31
	Nov 2006	35	0	32	1	1	30	6072.45	1515	30
	Dec 2006	25	0	25	1	0	31	6071.96	1508	31
	Jan 2007	23	0	22	1	0	31	6071.29	1499	31

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Lake Powell

	Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Bank Storage 1000 Ac-Ft	EOM Storage 1000 Ac-Ft	Lees Ferry 1000 Ac-Ft
* Feb 2004	244	253	14	743	0	743	3586.84	18910	10537	759
H Mar 2004	539	417	11	805	0	805	3582.78	18867	10180	815
I Apr 2004	817	609	18	651	0	651	3582.93	18797	10193	653
S May 2004	1181	972	24	595	0	595	3587.17	18776	10566	601
T Jun 2004	1096	835	35	802	0	802	3586.16	18832	10476	809
O Jul 2004	546	468	36	900	0	900	3579.70	18927	9914	909
R Aug 2004	176	303	39	896	0	896	3572.10	18931	9278	904
I Sep 2004	322	414	36	484	0	484	3570.77	18933	9169	487
WY 2004	6128	5593	296	8232	0	8232				8329
C Oct 2004	505	517	20	493	0	493	3570.50	18958	9148	493
A Nov 2004	558	481	17	623	93	716	3567.28	18965	8889	729
L Dec 2004	376	377	15	599	0	599	3564.42	18953	8664	597
* Jan 2005	519	503	9	777	0	777	3562.07	18852	8481	787
Feb 2005	425	445	14	723	0	723	3558.51	18830	8210	723
Mar 2005	750	685	17	807	0	807	3556.79	18820	8082	807
Apr 2005	1250	957	20	500	0	500	3562.14	18852	8487	500
May 2005	2572	2123	29	600	0	600	3579.19	18963	9870	600
Jun 2005	3439	2824	37	800	0	800	3599.58	19110	11710	800
Jul 2005	1739	1487	45	856	0	856	3605.20	19154	12253	856
Aug 2005	645	698	47	859	0	859	3603.23	19138	12061	859
Sep 2005	464	556	40	500	0	500	3603.38	19139	12075	500
WY 2005	13242	11653	310	8137	93	8230				8251
Oct 2005	502	573	36	600	0	600	3602.77	19135	12016	600
Nov 2005	496	544	30	600	0	600	3601.94	19128	11936	600
Dec 2005	396	495	25	800	0	800	3598.74	19104	11630	800
Jan 2006	365	456	19	800	0	800	3595.16	19077	11294	800
Feb 2006	379	437	17	600	0	600	3593.36	19064	11128	600
Mar 2006	597	587	21	600	0	600	3593.02	19061	11096	600
Apr 2006	887	822	25	600	0	600	3594.99	19076	11279	600
May 2006	2074	1837	34	600	0	600	3606.61	19165	12392	600
Jun 2006	2773	2431	42	650	0	650	3622.24	19294	14003	650
Jul 2006	1402	1256	50	850	0	850	3625.29	19320	14332	850
Aug 2006	552	664	52	900	0	900	3622.82	19299	14065	900
Sep 2006	428	556	45	630	0	630	3621.80	19290	13955	630
WY 2006	10851	10658	396	8230	0	8230				8230
Oct 2006	557	647	40	600	0	600	3621.86	19290	13961	600
Nov 2006	550	617	33	600	0	600	3621.71	19289	13945	600
Dec 2006	439	569	28	800	0	800	3619.45	19270	13706	800
Jan 2007	405	551	21	800	0	800	3617.08	19250	13456	800

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Hoover Dam - Lake Mead

	Glen Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	SNWP Use 1000 Ac-Ft	Dwnstrm Reqmnts 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
* Feb 2004	743	21	35	806	14.0	10	790	1001	1140.11	15404
H Mar 2004	805	6	39	946	15.4	19	942	992	1138.70	15255
I Apr 2004	651	3	48	1049	17.6	21	1033	966	1134.98	14866
S May 2004	595	-17	54	1124	18.3	37	1121	931	1129.70	14324
T Jun 2004	802	-77	65	995	16.7	32	994	913	1126.93	14044
O Jul 2004	900	-66	80	952	15.5	34	951	905	1125.73	13924
R Aug 2004	896	-39	85	763	12.4	29	763	911	1126.67	14018
I Sep 2004	484	-7	70	568	9.5	26	561	906	1125.86	13937
WY 2004	8232	-273	669	9635		288	9583			
C Oct 2004	493	27	51	365	5.9	22	325	916	1127.43	14094
A Nov 2004	716	59	52	502	8.4	9	494	934	1130.13	14367
L Dec 2004	599	34	45	642	10.4	15	631	933	1130.01	14355
* Jan 2005	777	333	37	337	5.5	11	335	983	1137.40	15119
Feb 2005	723	67	35	464	8.4	11	464	1000	1139.90	15382
Mar 2005	807	59	39	1034	16.8	19	1034	986	1137.89	15170
Apr 2005	500	14	48	1140	19.2	24	1140	943	1131.58	14515
May 2005	600	29	54	938	15.3	30	938	919	1127.94	14146
Jun 2005	800	17	64	913	15.3	30	913	908	1126.17	13967
Jul 2005	856	49	80	928	15.1	30	928	900	1124.92	13843
Aug 2005	859	96	85	852	13.9	30	852	899	1124.81	13832
Sep 2005	500	104	69	680	11.4	28	680	889	1123.17	13669
WY 2005	8230	888	659	8795		259	8733			
Oct 2005	600	43	50	483	7.9	28	483	893	1123.94	13746
Nov 2005	600	39	50	632	10.6	20	632	890	1123.34	13686
Dec 2005	800	52	44	625	10.2	20	625	900	1124.89	13840
Jan 2006	800	65	36	628	10.2	12	628	911	1126.66	14017
Feb 2006	600	67	33	654	11.8	11	654	909	1126.38	13988
Mar 2006	600	59	37	989	16.1	19	989	886	1122.74	13627
Apr 2006	600	14	45	1124	18.9	24	1124	850	1117.14	13083
May 2006	600	29	51	1032	16.8	30	1032	821	1112.38	12629
Jun 2006	650	17	60	900	15.1	30	900	801	1109.15	12326
Jul 2006	850	49	74	873	14.2	30	873	796	1108.35	12253
Aug 2006	900	96	79	807	13.1	30	807	801	1109.16	12328
Sep 2006	630	104	65	591	9.9	28	591	804	1109.66	12374
WY 2006	8230	634	624	9338		282	9337			
Oct 2006	600	43	48	322	5.2	28	322	819	1112.12	12605
Nov 2006	600	39	48	663	11.1	20	663	814	1111.20	12518
Dec 2006	800	52	41	650	10.6	15	650	823	1112.65	12655
Jan 2007	800	65	34	628	10.2	12	628	834	1114.54	12834

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Davis Dam - Lake Mohave

	Hoover Release 1000 Ac-Ft	Side inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Spill Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
* Feb 2004	806	-17	695	0	695	12.1	643.62	1716
H Mar 2004	946	-25	958	0	958	15.6	642.21	1677
I Apr 2004	1049	-13	1033	0	1033	17.4	642.33	1680
S May 2004	1124	-44	1032	0	1032	16.8	644.09	1729
T Jun 2004	995	-24	1003	0	1003	16.8	642.91	1696
O Jul 2004	952	-24	918	0	918	14.9	643.29	1707
R Aug 2004	763	-26	740	0	740	12.0	643.20	1704
I Sep 2004	568	-13	653	0	653	11.0	639.54	1605
WY 2004	9635	-242	9425	0	9425			
C Oct 2004	365	3	464	0	464	7.5	635.90	1509
A Nov 2004	502	-18	480	0	480	8.1	636.02	1512
L Dec 2004	642	-24	497	0	497	8.1	640.56	1633
* Jan 2005	337	-9	302	0	302	4.9	641.53	1659
Feb 2005	464	-18	447	0	447	8.0	641.50	1658
Mar 2005	1034	-31	962	0	962	15.6	643.01	1699
Apr 2005	1140	-33	1106	0	1106	18.6	643.01	1699
May 2005	938	-29	909	0	909	14.8	643.01	1699
Jun 2005	913	-28	912	0	912	15.3	642.00	1671
Jul 2005	928	-30	911	0	911	14.8	641.50	1658
Aug 2005	852	-30	821	0	821	13.4	641.50	1658
Sep 2005	680	-17	756	0	756	12.7	638.00	1564
WY 2005	8795	-264	8567	0	8567			
Oct 2005	483	-6	670	0	670	10.9	630.49	1371
Nov 2005	632	-13	529	0	529	8.9	634.00	1460
Dec 2005	625	-26	476	0	476	7.7	638.71	1583
Jan 2006	628	-17	527	0	527	8.6	641.80	1666
Feb 2006	654	-18	636	0	636	11.4	641.80	1666
Mar 2006	989	-31	936	0	936	15.2	642.60	1688
Apr 2006	1124	-33	1079	0	1079	18.1	643.01	1699
May 2006	1032	-29	1002	0	1002	16.3	643.01	1699
Jun 2006	900	-28	899	0	899	15.1	642.00	1671
Jul 2006	873	-30	856	0	856	13.9	641.50	1658
Aug 2006	807	-30	776	0	776	12.6	641.50	1658
Sep 2006	591	-17	667	0	667	11.2	638.00	1564
WY 2006	9338	-278	9053	0	9053			
Oct 2006	322	-6	508	0	508	8.3	630.49	1371
Nov 2006	663	-13	560	0	560	9.4	634.00	1460
Dec 2006	650	-26	501	0	501	8.1	638.71	1583
Jan 2007	628	-17	527	0	527	8.6	641.80	1666

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Parker Dam - Lake Havasu

	Davis Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	MWD Diversion 1000 Ac-Ft	CAP diversion 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft	Flow_to Mexico 1000 Ac-Ft	Flow_to Mexico 1000 CFS
* Feb 2004	695	3	418	7.3	58	175	446.75	557	169	2.9
H Mar 2004	958	0	724	11.8	57	186	445.64	536	202	3.3
I Apr 2004	1033	-7	751	12.6	71	181	446.84	558	212	3.6
S May 2004	1032	-14	734	11.9	68	188	448.14	583	112	1.8
T Jun 2004	1003	-21	739	12.4	69	165	448.39	587	109	1.8
O Jul 2004	918	-38	731	11.9	52	104	448.77	595	121	2.0
R Aug 2004	740	-17	654	10.6	43	45	447.70	574	98	1.6
I Sep 2004	653	-6	525	8.8	42	70	448.47	589	94	1.6
WY 2004	9425	-101	6801		722	1773			1540	
C Oct 2004	464	5	420	6.8	40	3	449.60	611	112	1.8
A Nov 2004	480	50	286	4.8	97	171	447.78	576	105	1.8
L Dec 2004	497	14	237	3.9	106	189	446.96	560	129	2.1
* Jan 2005	302	121	253	4.1	3	175	446.86	559	128	2.1
Feb 2005	447	83	372	6.7	40	137	445.80	539	153	2.8
Mar 2005	962	-8	701	11.4	48	188	446.71	556	204	3.3
Apr 2005	1106	-8	798	13.4	80	182	448.71	594	198	3.3
May 2005	909	0	740	12.0	61	89	449.60	611	109	1.8
Jun 2005	912	-13	730	12.3	82	85	449.60	611	109	1.8
Jul 2005	911	-7	762	12.4	85	88	448.00	580	119	1.9
Aug 2005	821	-2	655	10.7	85	88	447.50	570	96	1.6
Sep 2005	756	-6	560	9.4	55	147	446.81	557	89	1.5
WY 2005	8567	229	6514		782	1542			1551	
Oct 2005	670	-4	504	8.2	26	145	446.29	548	75	1.2
Nov 2005	529	3	384	6.5	14	139	446.00	543	99	1.7
Dec 2005	476	12	334	5.4	10	148	445.80	539	122	2.0
Jan 2006	527	12	356	5.8	59	124	445.80	539	130	2.1
Feb 2006	636	0	466	8.4	33	132	446.00	543	155	2.8
Mar 2006	936	-8	667	10.8	62	186	446.70	555	200	3.3
Apr 2006	1079	-8	793	13.3	60	180	448.71	594	193	3.2
May 2006	1002	0	737	12.0	62	185	449.60	611	109	1.8
Jun 2006	899	-13	730	12.3	30	125	449.60	611	111	1.9
Jul 2006	856	-7	760	12.4	31	88	448.00	580	121	2.0
Aug 2006	776	-2	662	10.8	31	90	447.50	570	100	1.6
Sep 2006	667	-6	556	9.3	30	87	446.81	557	90	1.5
WY 2006	9053	-21	6949		448	1629			1505	
Oct 2006	508	-4	482	7.8	31	0	446.31	548	76	1.2
Nov 2006	560	3	373	6.3	41	155	446.00	543	99	1.7
Dec 2006	501	12	319	5.2	42	156	445.80	539	119	1.9
Jan 2007	527	12	356	5.8	59	124	445.80	539	130	2.1

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Hoover Dam - Lake Mead

	Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Hoover Static Head Feet	Hoover Generator Capacity MW	Hoover Gross Energy MKWH	Percent Of Units Available	KWH/AF
* Feb 2004	806	14.0	1140.11	15404	-29	0.00	1251.0	349.0	68	433.3
H Mar 2004	946	15.4	1138.70	15255	-149	0.00	1270.0	391.6	69	414.1
I Apr 2004	1049	17.6	1134.98	14866	-389	0.00	1194.0	450.9	69	429.9
S May 2004	1124	18.3	1129.70	14324	-542	0.00	1767.0	474.0	100	421.6
T Jun 2004	995	16.7	1126.93	14044	-280	0.00	1731.0	410.2	100	412.2
O Jul 2004	952	15.5	1125.73	13924	-120	0.00	1731.0	388.3	100	407.6
R Aug 2004	763	12.4	1126.67	14018	94	0.00	1731.0	305.8	100	400.6
I Sep 2004	568	9.5	1125.86	13937	-81	0.00	1731.0	221.5	100	390.1
WY 2004	9635							4025.4		
C Oct 2004	365	5.9	1127.43	14094	157	0.00	1298.0	134.7	75	369.3
A Nov 2004	502	8.4	1130.13	14367	273	0.00	1194.0	201.0	69	400.6
L Dec 2004	642	10.4	1130.01	14355	-12	0.00	1212.0	264.4	70	411.6
* Jan 2005	337	5.5	1137.40	15119	764	0.00	1212.0	127.9	70	379.2
Feb 2005	464	8.4	1139.90	15382	263	489.21	1194.4	200.3	69	431.8
Mar 2005	1034	16.8	1137.89	15170	-212	487.74	1384.8	452.7	80	437.8
Apr 2005	1140	19.2	1131.58	14515	-655	480.88	1731.0	495.6	100	434.8
May 2005	938	15.3	1127.94	14146	-369	475.93	1731.0	398.4	100	424.5
Jun 2005	913	15.3	1126.17	13967	-178	473.57	1731.0	386.1	100	423.1
Jul 2005	928	15.1	1124.92	13843	-125	472.55	1731.0	391.0	100	421.3
Aug 2005	852	13.9	1124.81	13832	-11	472.04	1731.0	362.4	100	425.4
Sep 2005	680	11.4	1123.17	13669	-163	472.32	1731.0	281.9	100	414.8
WY 2005	8794							3696.4		
Oct 2005	483	7.9	1123.94	13746	76	476.33	1367.5	202.0	79	417.9
Nov 2005	632	10.6	1123.34	13686	-59	479.54	1263.6	265.5	73	420.4
Dec 2005	625	10.2	1124.89	13840	153	477.65	1263.6	264.3	73	423.0
Jan 2006	628	10.2	1126.66	14017	178	476.76	1263.6	265.5	73	422.6
Feb 2006	654	11.8	1126.38	13988	-29	476.49	1263.6	277.9	73	425.0
Mar 2006	989	16.1	1122.74	13627	-362	473.38	1402.1	418.3	81	423.2
Apr 2006	1124	18.9	1117.14	13083	-543	466.29	1731.0	474.6	100	422.3
May 2006	1032	16.8	1112.38	12629	-454	461.01	1731.0	423.9	100	410.8
Jun 2006	900	15.1	1109.15	12326	-303	457.37	1731.0	368.5	100	409.5
Jul 2006	873	14.2	1108.35	12253	-73	455.86	1731.0	361.3	100	413.8
Aug 2006	807	13.1	1109.16	12328	75	456.03	1731.0	331.1	100	410.2
Sep 2006	591	9.9	1109.66	12374	47	457.82	1731.0	238.1	100	403.0
WY 2006	9337							3891.1		
Oct 2006	322	5.2	1112.12	12605	230	462.29	1592.5	122.3	92	379.7
Nov 2006	663	11.1	1111.20	12518	-86	467.49	1280.9	274.8	74	414.6
Dec 2006	650	10.6	1112.65	12655	137	465.40	1280.9	266.3	74	409.6
Jan 2007	628	10.2	1114.54	12834	179	464.62	1263.6	260.0	73	413.8

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Davis Dam - Lake Mohave

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Davis Static Head Feet	Davis Generator Capacity MW	Davis Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Feb 2004	695	12.1	643.62	1716	92	0.00	189.0	86.8	74	124.8
H	Mar 2004	958	15.6	642.21	1677	-38	0.00	209.0	121.6	82	126.9
I	Apr 2004	1033	17.4	642.33	1680	3	0.00	255.0	128.5	100	124.4
S	May 2004	1032	16.8	644.09	1729	48	0.00	255.0	130.0	100	126.0
T	Jun 2004	1003	16.8	642.91	1696	-32	0.00	255.0	119.7	100	119.4
O	Jul 2004	918	14.9	643.29	1707	10	0.00	255.0	114.1	100	124.3
R	Aug 2004	740	12.0	643.20	1704	-2	0.00	255.0	92.3	100	124.7
I	Sep 2004	653	11.0	639.54	1605	-99	0.00	255.0	81.2	100	124.2
	WY 2004	9425							1164.1		
C	Oct 2004	464	7.5	635.90	1509	-96	0.00	204.0	56.7	80	122.3
A	Nov 2004	480	8.1	636.02	1512	3	0.00	196.0	57.9	77	120.5
L	Dec 2004	497	8.1	640.56	1633	120	0.00	173.0	61.7	68	124.1
*	Jan 2005	302	4.9	641.53	1659	26	0.00	163.0	37.7	64	124.9
	Feb 2005	447	8.0	641.50	1658	-1	136.41	188.7	56.4	74	126.4
	Mar 2005	962	15.6	643.01	1699	41	136.54	209.1	119.6	82	124.4
	Apr 2005	1106	18.6	643.01	1699	0	136.05	255.0	137.4	100	124.2
	May 2005	909	14.8	643.01	1699	0	136.05	255.0	113.9	100	125.4
	Jun 2005	912	15.3	642.00	1671	-28	135.52	255.0	113.7	100	124.7
	Jul 2005	911	14.8	641.50	1658	-14	134.73	255.0	113.1	100	124.2
	Aug 2005	821	13.4	641.50	1658	0	134.46	255.0	102.2	100	124.5
	Sep 2005	756	12.7	638.00	1564	-94	132.63	255.0	93.0	100	123.1
	WY 2005	8566							1063.4		
	Oct 2005	670	10.9	630.49	1371	-193	128.32	204.0	79.6	80	118.8
	Nov 2005	529	8.9	634.00	1460	89	126.46	196.3	62.3	77	117.7
	Dec 2005	476	7.7	638.71	1583	123	131.54	173.4	58.0	68	121.9
	Jan 2006	527	8.6	641.80	1666	83	135.97	163.2	65.9	64	125.1
	Feb 2006	636	11.4	641.80	1666	0	136.69	188.7	79.7	74	125.4
	Mar 2006	936	15.2	642.60	1688	22	136.48	209.1	116.5	82	124.5
	Apr 2006	1079	18.1	643.01	1699	11	135.84	255.0	134.0	100	124.2
	May 2006	1002	16.3	643.01	1699	0	136.05	255.0	125.2	100	124.9
	Jun 2006	899	15.1	642.00	1671	-28	135.52	255.0	112.2	100	124.8
	Jul 2006	856	13.9	641.50	1658	-14	134.73	255.0	106.5	100	124.5
	Aug 2006	776	12.6	641.50	1658	0	134.46	255.0	96.8	100	124.7
	Sep 2006	667	11.2	638.00	1564	-94	132.63	255.0	82.5	100	123.6
	WY 2006	9053							1119.1		
	Oct 2006	508	8.3	630.49	1371	-193	128.32	204.0	60.9	80	119.8
	Nov 2006	560	9.4	634.00	1460	89	126.46	196.3	65.8	77	117.5
	Dec 2006	501	8.1	638.71	1583	123	131.54	173.4	60.9	68	121.7
	Jan 2007	527	8.6	641.80	1666	83	135.97	163.2	65.9	64	125.1

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Parker Dam - Lake Havasu

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Parker Static Head Feet	Parker Generator Capacity MW	Parker Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Feb 2004	418	7.3	446.75	557	46	0.00	120.0	28.0	100	66.9
H	Mar 2004	724	11.8	445.64	536	-20	0.00	120.0	48.7	100	67.3
I	Apr 2004	751	12.6	446.84	558	3	0.00	120.0	50.2	100	66.9
S	May 2004	734	11.9	448.14	583	24	0.00	120.0	50.3	100	68.5
T	Jun 2004	739	12.4	448.39	587	5	0.00	120.0	49.5	100	67.0
O	Jul 2004	731	11.9	448.77	595	7	0.00	120.0	49.4	100	67.6
R	Aug 2004	654	10.6	447.70	574	-20	0.00	120.0	44.3	100	67.7
I	Sep 2004	525	8.8	448.47	589	15	0.00	120.0	35.7	100	68.0
	WY 2004	6802							458.3		
C	Oct 2004	420	6.8	449.60	611	22	0.00	90.0	28.8	75	68.6
A	Nov 2004	286	4.8	447.78	576	-35	0.00	90.0	19.1	75	66.7
L	Dec 2004	237	3.9	446.96	560	-15	0.00	90.0	15.0	75	63.4
*	Jan 2005	253	4.1	446.86	559	-2	0.00	90.0	16.2	75	64.2
	Feb 2005	372	6.7	445.80	539	-19	75.15	90.0	24.1	75	64.7
	Mar 2005	701	11.4	446.71	556	16	75.08	90.0	46.3	75	66.1
	Apr 2005	798	13.4	448.71	594	38	75.09	120.0	52.7	100	66.0
	May 2005	740	12.0	449.60	611	18	76.49	120.0	49.5	100	66.9
	Jun 2005	730	12.3	449.60	611	0	76.93	120.0	49.1	100	67.3
	Jul 2005	762	12.4	448.00	580	-31	76.15	120.0	50.8	100	66.7
	Aug 2005	655	10.7	447.50	570	-10	75.13	120.0	43.0	100	65.6
	Sep 2005	560	9.4	446.81	557	-13	74.86	112.8	36.6	94	65.2
	WY 2005	6514							431.2		
	Oct 2005	504	8.2	446.29	548	-9	75.24	92.4	32.9	77	65.4
	Nov 2005	384	6.5	446.00	543	-5	74.79	93.6	24.7	78	64.3
	Dec 2005	334	5.4	445.80	539	-4	74.07	103.2	21.1	86	63.1
	Jan 2006	356	5.8	445.80	539	0	74.64	90.0	22.7	75	63.9
	Feb 2006	466	8.4	446.00	543	4	74.74	90.0	30.3	75	65.1
	Mar 2006	667	10.8	446.70	555	13	75.17	90.0	44.0	75	66.0
	Apr 2006	793	13.3	448.71	594	38	75.09	120.0	52.3	100	66.0
	May 2006	737	12.0	449.60	611	18	76.49	120.0	49.3	100	66.9
	Jun 2006	730	12.3	449.60	611	0	76.93	120.0	49.1	100	67.3
	Jul 2006	760	12.4	448.00	580	-31	76.15	120.0	50.7	100	66.7
	Aug 2006	662	10.8	447.50	570	-10	75.13	120.0	43.5	100	65.7
	Sep 2006	556	9.3	446.81	557	-13	74.86	112.8	36.3	94	65.2
	WY 2006	6947							456.9		
	Oct 2006	482	7.8	446.31	548	-9	75.25	92.4	31.5	77	65.3
	Nov 2006	373	6.3	446.00	543	-6	74.80	93.6	24.0	78	64.2
	Dec 2006	319	5.2	445.80	539	-4	74.07	103.2	20.1	86	63.0
	Jan 2007	356	5.8	445.80	539	0	74.64	90.0	22.7	75	63.9

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Upper Basin Power

		Glen Canyon 1000 MWHR	Flam Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Res 1000 MWHR	Font Res 1000 MWHR
*	Feb 2004	304	16	5	5	0	3
H	Mar 2004	312	18	3	6	0	3
	Winter 2004	1596	106	32	46	8	17
I	Apr 2004	263	17	8	14	4	7
S	May 2004	239	37	9	16	0	4
T	Jun 2004	324	20	16	22	0	5
O	Jul 2004	360	20	28	34	0	8
R	Aug 2004	354	21	28	33	0	7
I	Sep 2004	188	20	24	31	0	2
	Summer 2004	1729	135	112	150	4	33
C	Oct 2004	191	16	16	19	7	4
A	Nov 2004	242	16	3	6	0	5
L	Dec 2004	230	16	6	9	1	6
*	Jan 2005	296	18	8	11	5	6
	Feb 2005	260	20	16	20	10	5
	Mar 2005	288	22	27	38	20	5
	Winter 2005	1506	108	76	102	44	31
	Apr 2005	179	21	25	38	22	6
	May 2005	221	49	36	59	22	7
	Jun 2005	308	82	14	27	21	9
	Jul 2005	339	31	31	39	22	10
	Aug 2005	341	31	34	40	22	9
	Sep 2005	198	30	32	38	20	6
	Summer 2005	1586	246	174	241	131	46
	Oct 2005	238	31	25	30	16	6
	Nov 2005	237	30	18	22	12	6
	Dec 2005	315	31	23	29	15	6
	Jan 2006	313	31	22	27	14	5
	Feb 2006	233	28	17	23	12	5
	Mar 2006	233	31	19	26	14	5
	Winter 2006	1569	184	125	157	82	33
	Apr 2006	233	30	20	29	17	5
	May 2006	237	55	16	29	22	6
	Jun 2006	264	88	14	24	22	8
	Jul 2006	352	41	31	37	22	10
	Aug 2006	373	41	35	41	22	8
	Sep 2006	260	39	32	38	20	6
	Summer 2006	1718	295	148	199	126	44
	Oct 2006	247	41	25	30	16	6
	Nov 2006	247	39	16	19	11	6
	Dec 2006	329	41	23	29	15	6
	Jan 2007	328	41	28	36	18	6

model_run_id = 1434

F L O O D C O N T R O L C R I T E R I A
B E G I N N I N G O F M O N T H C O N D I T I O N S

MON	YEAR	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	LAKE POWELL KAF	UPPER BASIN TOTAL KAF	LAKE MEAD KAF	TOTAL KAF	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	TOT OR MAX ALLOW KAF	LAKE POWELL KAF	LAKE MEAD KAF	TOTAL KAF	BOM SPACE REQD KAF	MEAD SCHED REL KAF	MEAD FC REL KAF	SYS CONT MAF
		* * * * P R E D I C T E D S P A C E * * * *							* * * * E F F E C T I V E S P A C E * * * *									
FEB	2005	1138	344	667	15839	17987	12261	30249	689	344	667	1700	15839	12261	29800	1500	464	0	30.4
MAR	2005	1148	380	637	16110	18275	11998	30273	697	380	637	1714	16110	11998	29821	1500	1034	0	30.2
APR	2005	1100	443	558	16238	18340	12210	30550	643	443	558	1644	16238	12210	30093	1500	1140	0	30.3
MAY	2005	989	441	370	15833	17633	12865	30498	523	441	370	1333	15833	12865	30032	1500	938	0	31.7
JUN	2005	850	337	224	14450	15861	13234	29096	373	335	201	910	14450	13234	28594	1500	913	0	33.9
JUL	2005	650	78	165	12610	13503	13413	26916	157	51	96	305	12610	13413	26328	1500	928	0	34.5
												* * * * C R E D I T A B L E S P A C E * * * *							
AUG	2005	512	27	121	12067	12728	13537	26265	512	27	121	660	12067	13537	26265	1500	852	0	34.3
SEP	2005	513	59	133	12259	12964	13548	26512	513	59	133	705	12259	13548	26512	2270	680	0	33.9
OCT	2005	549	116	115	12245	13025	13711	26735	549	116	115	780	12245	13711	26735	3040	483	0	33.7
NOV	2005	584	160	103	12304	13150	13634	26785	584	160	103	847	12304	13634	26785	3810	632	0	33.5
DEC	2005	622	191	89	12384	13285	13694	26979	622	191	89	902	12384	13694	26979	4580	625	0	33.4
JAN	2006	674	248	83	12690	13694	13540	27234	674	248	83	1004	12690	13540	27234	5350	628	0	33.2
												* * * * E F F E C T I V E S P A C E * * * *							
JAN	2006	674	248	83	12690	13694	13540	27234	418	248	83	748	12690	13540	26978	5350	628	0	33.2
FEB	2006	721	300	77	13026	14124	13363	27487	463	300	77	841	13026	13363	27229	1500	654	0	33.0
MAR	2006	756	341	65	13192	14354	13392	27745	495	340	65	901	13192	13392	27485	1500	989	0	32.6
APR	2006	750	377	36	13224	14387	13753	28140	484	377	36	897	13224	13753	27874	1500	1124	0	32.4
MAY	2006	700	380	36	13041	14156	14297	28453	427	380	11	817	13041	14297	28155	1500	1032	0	33.2
JUN	2006	589	246	80	11928	12842	14751	27592	305	239	20	565	11928	14751	27243	1500	900	0	34.8
JUL	2006	420	50	167	10317	10954	15054	26008	122	23	60	205	10317	15054	25577	1500	873	0	35.2
												* * * * C R E D I T A B L E S P A C E * * * *							
AUG	2006	316	27	160	9988	10492	15127	25619	316	27	160	503	9988	15127	25619	1500	807	0	34.9
SEP	2006	344	71	183	10255	10853	15052	25905	344	71	183	598	10255	15052	25905	2270	591	0	34.6

OCT 2006	404	131	179	10365	11080	15006	26085	404	131	179	715	10365	15006	26085	3040	322
0 34.5																
NOV 2006	458	171	182	10359	11170	14775	25945	458	171	182	811	10359	14775	25945	3810	663
0 34.4																
DEC 2006	513	193	181	10375	11262	14862	26123	513	193	181	887	10375	14862	26123	4580	650
0 34.3																
JAN 2007	585	248	188	10614	11636	14725	26361	585	248	188	1021	10614	14725	26361	5350	628
0 34.1																
											* * * * E F F E C T I V E		S P A C E * * * *			
JAN 2007	585	248	188	10614	11636	14725	26361	447	248	188	883	10614	14725	26222	5350	628
0 34.1																

To: All Annual Operating Plan Recipients

From: Lower Colorado Region
Boulder Canyon Operations Office
River Operations Group
Attention: BCOO4600
P.O. Box 61470
Boulder City, NV 89006-1470
Phone: 702-293-8190

This operation study reflects the 2005 Annual Operating Plan (AOP) as signed by the Secretary of Interior. The Normal condition is the criterion governing the operation of Lake Mead for calendar year 2005. A copy of the 2005 AOP can be obtained by contacting Lorraine Siano, (702)293-8539 or visit our website at www.usbr.gov/lc/region/riverops.html.

In this study, the Calendar Year (CY) 2005 diversion for Metropolitan Water District of Southern California (MWD) is forecasted to be 0.686 million acre-feet (maf). The CY 2005 diversion for the Central Arizona Project (CAP) is forecasted to be 1.675 maf. Consumptive use for Nevada above Hoover is forecasted to be 0.279 maf for CY 2005.

Lake Mead's elevation is projected to be 1132.00 feet at the end of calendar year 2005. For this model we are assuming partial domestic diversions for calendar year 2006 and normal diversions for calendar year 2007.

As of 2/25/05, due to the current elevation of Lake Mead, Hoover's generating plant effective capacity has been changed from 1767 MW to 1834 MW. Unit capacity tests will be performed as lake elevation change in 2' increments. Davis generating plant effective capacity is 255 MW. Parker generating plant effective capacity is 120 MW. This study reflects these changes in the projections.

Current runoff projections into Lake Powell are provided by the National Weather Service, Colorado Basin River Forecast Center and are as follows: observed unregulated inflow into Lake Powell for the month of February was .497 maf or 118% of the 30 year average. The forecast for the month of March unregulated inflow into Lake Powell is .750 maf or 113% of the 30 year average. The projected April through July unregulated inflow for water year 2005 is 8.6 maf or 108% of average. Unregulated inflow into Lake Powell for water year 2005 is forecasted to be 107% of average.

Hoover, Davis, and Parker historical gross energy figures come from form PO&M from the Power and O&M Group, Boulder Canyon Operations, Bureau of Reclamation, Boulder City, Nevada. Questions regarding these historical numbers can be directed to Joe Donnelly, (702)293-8607.

(Note: lower basin previous months historical SNWS and flow to Mexico values are preliminary estimates.)

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Fontenelle Reservoir

	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
* Mar 2004	58	1	46	0	46	6479.97	167
H Apr 2004	66	1	44	0	44	6483.56	187
I May 2004	67	2	59	0	59	6484.57	193
S Jun 2004	182	2	60	0	60	6501.79	313
T Jul 2004	168	3	89	54	143	6504.73	336
O Aug 2004	56	2	76	7	83	6500.95	306
R Sep 2004	41	2	24	33	57	6498.57	288
WY 2004	768	18	604	116	720		
I Oct 2004	54	1	46	13	59	6497.76	282
C Nov 2004	49	1	62	3	65	6495.55	266
A Dec 2004	35	1	74	0	74	6489.78	226
L Jan 2005	36	1	73	2	75	6483.52	187
* Feb 2005	28	0	67	0	67	6476.27	148
Mar 2005	55	0	80	0	80	6470.70	122
Apr 2005	90	1	89	0	89	6470.73	122
May 2005	160	1	95	0	95	6483.32	186
Jun 2005	269	2	103	53	156	6499.76	297
Jul 2005	161	3	101	21	122	6504.43	333
Aug 2005	74	2	89	0	89	6502.23	316
Sep 2005	45	2	64	0	64	6499.51	295
WY 2005	1056	15	943	92	1035		
Oct 2005	47	1	66	0	66	6496.75	275
Nov 2005	39	1	64	0	64	6493.13	249
Dec 2005	30	1	66	0	66	6487.59	212
Jan 2006	28	1	66	0	66	6481.24	174
Feb 2006	26	1	60	0	60	6474.56	140
Mar 2006	47	0	76	0	76	6467.77	110
Apr 2006	84	1	89	0	89	6466.30	104
May 2006	176	1	97	25	122	6478.12	157
Jun 2006	320	2	101	85	186	6498.59	288
Jul 2006	192	3	102	43	145	6504.40	333
Aug 2006	83	2	83	0	83	6504.12	331
Sep 2006	48	2	68	0	68	6501.32	309
WY 2006	1120	16	938	153	1091		
Oct 2006	52	1	72	0	72	6498.45	287
Nov 2006	43	1	70	0	70	6494.63	260
Dec 2006	33	1	72	0	72	6488.72	220
Jan 2007	31	1	72	0	72	6482.01	178
Feb 2007	29	1	65	0	65	6474.94	141

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Flaming Gorge Reservoir

	Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Yampa Flow 1000 Ac-Ft	Jensen Flow 1000 Ac-Ft
* Mar 2004	98	89	3	54	0	54	68	6009.71	2632	0	246
H Apr 2004	84	62	4	51	0	51	68	6009.90	2638	0	233
I May 2004	76	69	7	107	0	107	67	6008.57	2595	0	391
S Jun 2004	188	74	9	61	0	61	67	6008.69	2599	0	232
T Jul 2004	182	147	11	61	0	61	70	6010.91	2671	0	119
O Aug 2004	60	88	11	62	0	62	70	6011.37	2686	0	73
R Sep 2004	46	62	9	60	0	60	70	6011.15	2679	0	81
WY 2004	873	829	69	715	0	715					2174
I Oct 2004	68	74	6	51	0	51	71	6011.65	2695	0	103
C Nov 2004	62	75	3	48	0	48	72	6012.35	2718	0	95
A Dec 2004	37	77	2	50	0	50	73	6013.09	2743	0	86
L Jan 2005	43	81	2	56	0	56	74	6013.81	2767	0	114
* Feb 2005	39	78	2	55	0	55	74	6014.39	2786	0	99
Mar 2005	110	135	3	61	0	61	77	6016.42	2855	0	61
Apr 2005	160	159	4	60	0	60	80	6019.08	2947	0	60
May 2005	260	195	7	135	0	135	81	6020.53	2998	0	135
Jun 2005	374	260	10	178	0	178	84	6022.50	3069	0	178
Jul 2005	206	167	13	74	0	74	86	6024.64	3147	0	74
Aug 2005	90	105	12	74	0	74	87	6025.13	3165	0	74
Sep 2005	56	75	11	71	0	71	87	6024.94	3158	0	71
WY 2005	1505	1481	75	913	0	913					1150
Oct 2005	59	78	7	74	0	74	87	6024.87	3155	0	74
Nov 2005	50	75	3	71	0	71	87	6024.87	3156	0	71
Dec 2005	36	72	2	74	0	74	86	6024.78	3152	0	74
Jan 2006	41	79	2	74	0	74	87	6024.88	3156	0	74
Feb 2006	45	79	2	67	0	67	87	6025.14	3165	0	67
Mar 2006	97	126	3	74	0	74	88	6026.43	3213	0	74
Apr 2006	141	146	5	71	0	71	91	6028.22	3281	0	71
May 2006	273	219	8	144	0	144	93	6029.93	3346	0	144
Jun 2006	423	289	11	240	0	240	94	6030.89	3384	0	240
Jul 2006	233	186	14	111	0	111	96	6032.41	3443	0	111
Aug 2006	97	97	13	111	0	111	95	6031.75	3417	0	111
Sep 2006	59	79	11	107	0	107	94	6030.76	3378	0	107
WY 2006	1554	1525	81	1218	0	1218					1218
Oct 2006	65	85	7	115	0	115	93	6029.83	3342	0	115
Nov 2006	56	83	3	112	0	112	92	6029.00	3311	0	112
Dec 2006	40	79	2	115	0	115	90	6028.03	3274	0	115
Jan 2007	45	86	2	115	0	115	89	6027.25	3244	0	115
Feb 2007	50	86	2	105	0	105	89	6026.71	3224	0	105

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Taylor Park Reservoir

	Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
* Mar 2004	5	4	9312.62	74
H Apr 2004	8	4	9314.81	78
I May 2004	23	10	9322.01	91
S Jun 2004	23	16	9325.53	97
T Jul 2004	11	19	9321.35	89
O Aug 2004	6	18	9314.10	77
R Sep 2004	5	15	9308.05	67
WY 2004	102	102		
I Oct 2004	5	7	9307.00	65
C Nov 2004	4	3	9307.60	66
A Dec 2004	4	3	9307.98	67
L Jan 2005	5	3	9308.68	68
* Feb 2005	4	3	9309.03	68
Mar 2005	5	4	9309.42	69
Apr 2005	12	12	9309.23	69
May 2005	34	20	9317.60	83
Jun 2005	43	24	9327.85	102
Jul 2005	21	24	9326.37	99
Aug 2005	10	20	9320.89	89
Sep 2005	7	18	9314.38	77
WY 2005	154	141		
Oct 2005	6	12	9310.67	71
Nov 2005	5	3	9311.66	73
Dec 2005	4	3	9312.33	74
Jan 2006	4	3	9312.88	75
Feb 2006	3	3	9313.12	75
Mar 2006	4	4	9313.06	75
Apr 2006	8	10	9311.60	72
May 2006	25	16	9316.70	81
Jun 2006	41	21	9327.43	101
Jul 2006	20	21	9326.93	100
Aug 2006	9	20	9321.32	89
Sep 2006	6	18	9314.78	78
WY 2006	135	134		
Oct 2006	7	12	9311.48	72
Nov 2006	5	3	9312.78	74
Dec 2006	5	3	9313.74	76
Jan 2007	4	6	9312.76	74
Feb 2007	4	6	9311.44	72

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Blue Mesa Reservoir

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Mar 2004	46	44	0	13	0	13	7467.75	421
H	Apr 2004	68	64	1	31	0	31	7472.65	454
I	May 2004	154	141	1	32	0	32	7487.46	562
S	Jun 2004	134	128	1	54	0	54	7496.75	635
T	Jul 2004	65	72	1	93	0	93	7494.00	613
O	Aug 2004	28	41	1	93	0	93	7487.18	560
R	Sep 2004	22	32	1	83	0	83	7480.20	507
	WY 2004	628	629	6	503	0	503		
I	Oct 2004	28	30	0	58	0	58	7476.41	480
C	Nov 2004	26	25	0	11	0	11	7478.29	494
A	Dec 2004	21	20	0	22	0	22	7477.99	491
L	Jan 2005	23	22	0	27	0	27	7477.18	486
*	Feb 2005	20	19	0	44	0	44	7473.64	461
	Mar 2005	38	37	0	99	1	100	7464.22	398
	Apr 2005	105	105	1	92	0	92	7466.25	411
	May 2005	270	256	1	116	0	116	7485.92	550
	Jun 2005	295	276	1	56	0	56	7512.62	769
	Jul 2005	135	138	2	103	0	103	7516.43	803
	Aug 2005	63	73	1	113	0	113	7511.85	762
	Sep 2005	35	46	1	105	0	105	7504.93	702
	WY 2005	1059	1047	7	846	1	847		
	Oct 2005	33	39	1	83	0	83	7499.66	659
	Nov 2005	29	27	0	59	0	59	7495.80	627
	Dec 2005	23	22	0	68	0	68	7490.01	581
	Jan 2006	23	22	0	68	0	68	7483.97	535
	Feb 2006	21	21	0	61	0	61	7478.51	495
	Mar 2006	32	32	0	69	0	69	7473.31	458
	Apr 2006	68	70	1	75	0	75	7472.55	453
	May 2006	196	187	1	55	0	55	7490.48	585
	Jun 2006	263	243	1	47	0	47	7513.91	780
	Jul 2006	121	122	2	98	0	98	7516.42	803
	Aug 2006	59	70	1	112	0	112	7511.52	759
	Sep 2006	33	45	1	104	0	104	7504.49	699
	WY 2006	901	900	8	899	0	899		
	Oct 2006	37	43	1	82	0	82	7499.69	659
	Nov 2006	32	30	0	52	0	52	7496.92	636
	Dec 2006	26	24	0	79	0	79	7490.02	582
	Jan 2007	25	27	0	98	0	98	7480.64	511
	Feb 2007	23	25	0	88	0	88	7471.76	448

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Morrow Point Reservoir

		Unreg Inflow 1000 Ac-Ft	Blue_Mesa Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Evap losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Mar 2004	51	13	5	18	0	17	0	17	7151.24	110
H	Apr 2004	78	31	10	40	0	40	0	40	7151.23	110
I	May 2004	171	32	18	50	0	47	0	47	7154.18	112
S	Jun 2004	143	54	8	62	0	62	0	62	7154.59	113
T	Jul 2004	66	93	1	94	0	95	0	95	7152.76	111
O	Aug 2004	29	93	1	94	0	93	0	93	7153.42	112
R	Sep 2004	23	83	1	84	0	86	0	86	7151.14	110
	WY 2004	683	503	54	554	0	555	0	555		
I	Oct 2004	30	58	1	59	0	56	0	56	7155.42	113
C	Nov 2004	27	11	1	12	0	17	0	17	7149.03	108
A	Dec 2004	22	22	1	24	0	22	0	22	7150.76	110
L	Jan 2005	24	27	2	29	0	30	0	30	7149.07	108
*	Feb 2005	22	44	2	46	0	44	0	44	7152.16	111
	Mar 2005	42	100	4	104	0	103	0	103	7153.73	112
	Apr 2005	119	92	14	105	0	105	0	105	7153.73	112
	May 2005	306	116	36	152	0	152	0	152	7153.73	112
	Jun 2005	318	56	23	78	0	78	0	78	7153.73	112
	Jul 2005	142	103	7	110	0	110	0	110	7153.73	112
	Aug 2005	66	113	3	116	0	116	0	116	7153.73	112
	Sep 2005	37	105	2	107	0	107	0	107	7153.73	112
	WY 2005	1155	847	96	942	0	940	0	940		
	Oct 2005	35	83	2	84	0	85	0	85	7153.73	112
	Nov 2005	31	59	2	61	0	61	0	61	7153.73	112
	Dec 2005	25	68	2	69	0	70	0	70	7153.73	112
	Jan 2006	24	68	1	69	0	69	0	69	7153.73	112
	Feb 2006	23	61	2	62	0	63	0	63	7153.73	112
	Mar 2006	35	69	3	72	0	72	0	72	7153.73	112
	Apr 2006	77	75	9	84	0	84	0	84	7153.73	112
	May 2006	222	55	26	80	0	81	0	81	7153.73	112
	Jun 2006	284	47	21	67	0	68	0	68	7153.73	112
	Jul 2006	127	98	6	104	0	104	0	104	7153.73	112
	Aug 2006	61	112	2	114	0	114	0	114	7153.73	112
	Sep 2006	35	104	2	106	0	106	0	106	7153.73	112
	WY 2006	979	899	78	972	0	977	0	977		
	Oct 2006	39	82	2	84	0	84	0	84	7153.73	112
	Nov 2006	34	52	2	54	0	54	0	54	7153.73	112
	Dec 2006	28	79	2	81	0	81	0	81	7153.73	112
	Jan 2007	27	98	2	100	0	100	0	100	7153.73	112
	Feb 2007	25	88	3	90	0	90	0	90	7153.73	112

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Crystal Reservoir

	unreg Inflow 1000 Ac-Ft	Morrow Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Tunnel Flow 1000 Ac-Ft	Below_tunnel Flow 1000 Ac-Ft
* Mar 2004	58	17	7	25	0	24	24	6749.98	16	5	19
H Apr 2004	88	40	10	50	0	50	50	6751.44	17	33	19
I May 2004	194	47	23	70	0	70	70	6751.47	17	50	22
S Jun 2004	156	62	13	75	0	75	75	6752.33	17	55	22
T Jul 2004	68	95	2	97	0	99	99	6746.23	15	64	40
O Aug 2004	30	93	1	95	0	95	95	6744.94	15	65	35
R Sep 2004	25	86	2	88	0	86	86	6751.39	17	55	35
WY 2004	759	555	77	634	27	605	632			362	293
I Oct 2004	33	56	3	59	38	21	59	6750.20	16	23	38
C Nov 2004	30	17	3	20	0	22	22	6742.26	14	1	23
A Dec 2004	25	22	3	25	13	10	23	6751.64	17	0	23
L Jan 2005	28	30	4	34	34	0	34	6752.58	17	0	35
* Feb 2005	25	44	3	47	20	29	49	6745.43	15	0	52
Mar 2005	50	103	8	111	110	0	110	6749.60	16	5	105
Apr 2005	137	105	18	123	124	0	124	6749.60	16	30	93
May 2005	350	152	44	196	128	68	196	6749.60	16	55	141
Jun 2005	363	78	45	123	123	0	123	6749.60	16	60	63
Jul 2005	160	110	18	128	128	0	128	6749.60	16	65	63
Aug 2005	77	116	11	127	127	0	127	6749.60	16	65	62
Sep 2005	45	107	8	115	115	0	115	6749.60	16	55	60
WY 2005	1323	940	168	1108	960	150	1110			359	758
Oct 2005	42	85	7	91	92	0	92	6749.60	16	30	61
Nov 2005	36	61	5	66	66	0	66	6749.60	16	0	66
Dec 2005	30	70	5	75	75	0	75	6749.60	16	0	75
Jan 2006	29	69	5	74	74	0	74	6749.60	16	0	74
Feb 2006	27	63	4	66	67	0	67	6749.60	16	0	66
Mar 2006	42	72	7	79	79	0	79	6749.60	16	5	73
Apr 2006	94	84	17	101	101	0	101	6749.60	16	30	71
May 2006	269	81	47	128	128	0	128	6749.60	16	55	72
Jun 2006	340	68	56	123	124	0	124	6749.60	16	60	63
Jul 2006	150	104	23	127	127	0	127	6749.60	16	65	62
Aug 2006	74	114	13	127	127	0	127	6749.60	16	65	62
Sep 2006	44	106	9	115	115	0	115	6749.60	16	55	60
WY 2006	1177	977	198	1172	1175	0	1175			365	805
Oct 2006	47	84	8	92	92	0	92	6749.60	16	30	62
Nov 2006	40	54	6	60	60	0	60	6749.60	16	0	60
Dec 2006	33	81	5	86	86	0	86	6749.60	16	0	86
Jan 2007	32	100	5	105	105	0	105	6749.60	16	0	105
Feb 2007	30	90	4	95	95	0	95	6749.60	16	0	95

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Vallecito Reservoir

		Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Mar 2004	16	0	7643.57	72
H	Apr 2004	25	7	7651.11	90
I	May 2004	73	44	7662.38	118
S	Jun 2004	51	49	7663.00	120
T	Jul 2004	20	42	7654.40	98
O	Aug 2004	9	38	7642.16	69
R	Sep 2004	23	26	7640.41	65
	WY 2004	243	210		
I	Oct 2004	19	8	7645.31	76
C	Nov 2004	13	7	7647.85	82
A	Dec 2004	9	15	7645.49	76
L	Jan 2005	10	11	7644.99	75
*	Feb 2005	8	27	7635.91	56
	Mar 2005	10	40	7617.47	26
	Apr 2005	35	45	7608.35	16
	May 2005	110	65	7638.37	61
	Jun 2005	123	65	7662.43	119
	Jul 2005	52	49	7663.67	122
	Aug 2005	25	43	7656.65	104
	Sep 2005	18	41	7647.08	80
	WY 2005	432	416		
	Oct 2005	13	20	7643.84	73
	Nov 2005	8	8	7644.06	73
	Dec 2005	5	5	7644.10	73
	Jan 2006	5	5	7644.02	73
	Feb 2006	5	4	7644.19	74
	Mar 2006	7	3	7646.04	78
	Apr 2006	19	9	7650.24	88
	May 2006	60	44	7656.81	104
	Jun 2006	74	56	7663.60	122
	Jul 2006	32	43	7659.25	110
	Aug 2006	17	43	7648.86	84
	Sep 2006	14	30	7642.03	69
	WY 2006	259	270		
	Oct 2006	14	12	7642.95	71
	Nov 2006	9	6	7644.28	74
	Dec 2006	6	6	7644.52	74
	Jan 2007	5	5	7644.68	75
	Feb 2007	5	4	7645.06	76

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Navajo Reservoir

		Mod_Unreg Inflow 1000 Ac-Ft	Azetea Tunnel_Div 1000 Ac-Ft	Reg Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	NIIP Diversion 1000 ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Farm Flow 1000 Ac-Ft
*	Mar 2004	120	12	94	1	4	16	6005.51	784	58
H	Apr 2004	152	15	119	2	11	21	6015.33	869	98
I	May 2004	225	30	168	3	28	22	6027.58	984	155
S	Jun 2004	133	20	109	3	40	22	6031.96	1028	115
T	Jul 2004	22	2	40	3	39	33	6028.39	992	48
O	Aug 2004	-2	0	26	3	39	45	6022.11	932	41
R	Sep 2004	58	2	61	2	19	36	6022.48	935	67
	WY 2004	805	81	693	20	188	282			853
I	Oct 2004	55	2	42	1	4	22	6024.04	950	54
C	Nov 2004	46	1	37	1	0	15	6026.25	971	47
A	Dec 2004	30	0	36	0	0	16	6028.28	991	43
L	Jan 2005	53	0	53	1	0	16	6032.00	1029	51
*	Feb 2005	72	0	91	1	0	15	6039.16	1104	59
	Mar 2005	185	1	214	1	5	26	6055.01	1286	26
	Apr 2005	320	11	320	3	23	102	6069.78	1478	102
	May 2005	450	32	373	4	30	206	6079.02	1610	206
	Jun 2005	384	49	278	5	42	212	6080.29	1629	212
	Jul 2005	126	24	98	5	47	31	6081.27	1644	31
	Aug 2005	58	5	72	4	42	40	6080.33	1630	40
	Sep 2005	44	0	67	3	18	30	6081.39	1646	30
	WY 2005	1823	125	1681	29	211	731			901
	Oct 2005	40	0	47	2	12	31	6081.54	1648	31
	Nov 2005	32	0	32	1	1	30	6081.54	1648	30
	Dec 2005	23	0	23	1	0	31	6080.97	1639	31
	Jan 2006	21	0	21	1	0	31	6080.29	1629	31
	Feb 2006	28	0	28	1	0	28	6080.22	1628	28
	Mar 2006	80	0	76	2	5	44	6081.91	1654	44
	Apr 2006	153	8	135	3	23	119	6081.25	1644	119
	May 2006	248	44	188	4	30	200	6078.11	1597	200
	Jun 2006	231	35	179	5	43	212	6072.49	1515	212
	Jul 2006	76	3	85	5	48	31	6072.56	1516	31
	Aug 2006	41	3	64	4	43	40	6070.92	1493	40
	Sep 2006	36	1	50	3	19	30	6070.84	1492	30
	WY 2006	1009	94	928	32	224	827			827
	Oct 2006	44	0	42	2	12	31	6070.68	1490	31
	Nov 2006	35	0	32	1	1	30	6070.71	1490	30
	Dec 2006	25	0	25	1	0	31	6070.22	1484	31
	Jan 2007	23	0	22	1	0	31	6069.54	1474	31
	Feb 2007	30	0	29	1	0	28	6069.59	1475	28

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Lake Powell

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Bank Storage 1000 Ac-Ft	EOM Storage 1000 Ac-Ft	Lees Ferry 1000 Ac-Ft
*	Mar 2004	539	417	11	805	0	805	3582.78	18867	10180	815
H	Apr 2004	817	609	18	651	0	651	3582.93	18797	10193	653
I	May 2004	1181	972	24	595	0	595	3587.17	18776	10566	601
S	Jun 2004	1096	835	35	802	0	802	3586.16	18832	10476	809
T	Jul 2004	546	468	36	900	0	900	3579.70	18927	9914	909
O	Aug 2004	176	303	39	896	0	896	3572.10	18931	9278	904
R	Sep 2004	322	414	36	484	0	484	3570.77	18933	9169	487
	WY 2004	6128	5593	296	8232	0	8232				8329
I	Oct 2004	505	517	20	493	0	493	3570.50	18958	9148	493
C	Nov 2004	558	481	17	623	93	716	3567.28	18965	8889	729
A	Dec 2004	376	377	15	599	0	599	3564.42	18953	8664	597
L	Jan 2005	519	503	9	777	0	777	3562.07	18852	8481	787
*	Feb 2005	497	472	10	720	0	720	3559.23	18810	8265	730
	Mar 2005	750	608	17	807	0	807	3556.55	18794	8064	807
	Apr 2005	1250	952	20	505	0	505	3561.78	18825	8459	505
	May 2005	2600	2140	29	600	0	600	3579.04	18937	9858	600
	Jun 2005	3155	2638	37	800	0	800	3597.63	19071	11525	800
	Jul 2005	1595	1406	44	856	0	856	3602.53	19108	11994	856
	Aug 2005	602	664	46	856	0	856	3600.24	19091	11773	856
	Sep 2005	447	536	40	500	0	500	3600.21	19090	11770	500
	WY 2005	12854	11294	304	8136	93	8229				8260
	Oct 2005	502	569	36	500	0	500	3600.54	19093	11801	500
	Nov 2005	496	545	30	600	0	600	3599.72	19087	11723	600
	Dec 2005	396	486	25	600	0	600	3598.37	19076	11595	600
	Jan 2006	365	453	19	792	0	792	3594.83	19050	11263	792
	Feb 2006	379	440	17	723	0	723	3591.81	19028	10985	723
	Mar 2006	597	579	21	807	0	807	3589.27	19009	10754	807
	Apr 2006	887	822	24	600	0	600	3591.29	19024	10937	600
	May 2006	2074	1830	34	600	0	600	3603.06	19112	12045	600
	Jun 2006	2773	2432	41	800	0	800	3617.67	19230	13518	800
	Jul 2006	1402	1262	49	854	0	854	3620.82	19257	13850	854
	Aug 2006	552	664	51	854	0	854	3618.71	19239	13627	854
	Sep 2006	428	561	44	500	0	500	3618.86	19240	13643	500
	WY 2006	10851	10643	391	8230	0	8230				8230
	Oct 2006	557	651	40	600	0	600	3618.96	19241	13653	600
	Nov 2006	550	622	33	600	0	600	3618.86	19240	13643	600
	Dec 2006	439	573	27	800	0	800	3616.61	19221	13407	800
	Jan 2007	405	556	20	800	0	800	3614.24	19202	13162	800
	Feb 2007	417	535	19	800	0	800	3611.67	19181	12899	800

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Hoover Dam - Lake Mead

		Glen Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release CFS	SNWP Use 1000 Ac-Ft	Dwnstrm Reqmnts 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
*	Mar 2004	805	40	39	946	15.4	19	942	992	1138.70	15255
H	Apr 2004	651	53	48	1049	17.6	21	1033	966	1134.98	14866
I	May 2004	595	43	54	1124	18.3	37	1121	931	1129.70	14324
S	Jun 2004	802	-8	65	995	16.7	32	994	913	1126.93	14044
T	Jul 2004	900	38	80	952	15.5	34	951	905	1125.73	13924
O	Aug 2004	896	82	85	763	12.4	29	763	911	1126.67	14018
R	Sep 2004	484	94	70	568	9.5	26	561	906	1125.86	13937
	WY 2004	8232	572	669	9635		288	9580			
I	Oct 2004	493	112	51	365	5.9	22	325	916	1127.43	14094
C	Nov 2004	716	137	52	502	8.4	9	494	934	1130.13	14367
A	Dec 2004	599	34	45	642	10.4	15	631	933	1130.01	14355
L	Jan 2005	777	423	37	337	5.5	12	322	983	1137.40	15119
*	Feb 2005	720	326	35	341	6.1	8	305	1023	1143.25	15739
	Mar 2005	807	59	40	267	4.3	19	267	1056	1147.90	16246
	Apr 2005	505	14	51	649	10.9	24	649	1044	1146.15	16054
	May 2005	600	29	57	923	15.0	30	922	1020	1142.85	15696
	Jun 2005	800	17	68	981	16.5	30	981	1004	1140.54	15449
	Jul 2005	856	49	85	1031	16.8	30	1031	990	1138.40	15224
	Aug 2005	856	96	89	954	15.5	30	954	982	1137.31	15110
	Sep 2005	500	104	73	724	12.2	28	724	969	1135.33	14902
	WY 2005	8229	1400	683	7716		257	7605			
	Oct 2005	500	43	53	566	9.2	28	566	962	1134.39	14804
	Nov 2005	600	39	53	721	12.1	20	721	953	1132.98	14660
	Dec 2005	600	52	45	694	11.3	20	694	946	1132.00	14559
	Jan 2006	792	65	37	681	11.1	13	681	954	1133.16	14678
	Feb 2006	723	67	34	792	14.3	12	792	951	1132.73	14633
	Mar 2006	807	59	38	1039	16.9	20	1039	937	1130.61	14416
	Apr 2006	600	14	46	1116	18.8	25	1116	902	1125.26	13877
	May 2006	600	29	52	981	15.9	32	981	875	1121.12	13468
	Jun 2006	800	17	62	870	14.6	32	870	866	1119.68	13329
	Jul 2006	854	49	78	863	14.0	32	863	862	1119.01	13264
	Aug 2006	854	96	82	812	13.2	32	812	864	1119.24	13286
	Sep 2006	500	104	68	645	10.8	30	645	855	1117.90	13156
	WY 2006	8230	634	648	9780		296	9779			
	Oct 2006	600	43	49	363	5.9	30	363	867	1119.84	13344
	Nov 2006	600	39	49	703	11.8	21	703	859	1118.54	13218
	Dec 2006	800	52	43	722	11.7	16	722	864	1119.23	13286
	Jan 2007	800	65	35	675	11.0	12	675	872	1120.63	13420
	Feb 2007	800	67	32	764	13.7	11	764	876	1121.21	13477

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Davis Dam - Lake Mohave

		Hoover Release 1000 Ac-Ft	Side inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Spill Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
*	Mar 2004	946	-25	958	0	958	15.6	642.21	1677
H	Apr 2004	1049	-13	1033	0	1033	17.4	642.33	1680
I	May 2004	1124	-44	1032	0	1032	16.8	644.09	1729
S	Jun 2004	995	-24	1003	0	1003	16.8	642.91	1696
T	Jul 2004	952	-24	918	0	918	14.9	643.29	1707
O	Aug 2004	763	-26	740	0	740	12.0	643.20	1704
R	Sep 2004	568	-13	653	0	653	11.0	639.54	1605
	WY 2004	9635	-242	9425	0	9425			
I	Oct 2004	365	3	464	0	464	7.5	635.90	1509
C	Nov 2004	502	-18	480	0	480	8.1	636.02	1512
A	Dec 2004	642	0	497	0	497	8.1	640.56	1633
L	Jan 2005	337	-9	302	0	302	4.9	641.53	1659
*	Feb 2005	341	-9	268	0	268	4.8	643.88	1723
	Mar 2005	267	-31	243	0	243	4.0	643.60	1715
	Apr 2005	649	-33	632	0	632	10.6	643.00	1699
	May 2005	923	-29	893	0	893	14.5	643.01	1699
	Jun 2005	981	-28	980	0	980	16.5	642.00	1671
	Jul 2005	1031	-30	1013	0	1013	16.5	641.50	1658
	Aug 2005	954	-30	924	0	924	15.0	641.50	1658
	Sep 2005	724	-17	800	0	800	13.4	638.00	1564
	WY 2005	7716	-231	7496	0	7496			
	Oct 2005	566	-6	753	0	753	12.2	630.49	1371
	Nov 2005	721	-13	618	0	618	10.4	634.00	1460
	Dec 2005	694	-26	545	0	545	8.9	638.71	1583
	Jan 2006	681	-17	580	0	580	9.4	641.80	1666
	Feb 2006	792	-18	774	0	774	13.9	641.80	1666
	Mar 2006	1039	-31	986	0	986	16.0	642.60	1688
	Apr 2006	1116	-33	1072	0	1072	18.0	643.01	1699
	May 2006	981	-29	951	0	951	15.5	643.01	1699
	Jun 2006	870	-28	869	0	869	14.6	642.00	1671
	Jul 2006	863	-30	845	0	845	13.7	641.50	1658
	Aug 2006	812	-30	781	0	781	12.7	641.50	1658
	Sep 2006	645	-17	721	0	721	12.1	638.00	1564
	WY 2006	9780	-278	9495	0	9495			
	Oct 2006	363	-6	550	0	550	8.9	630.49	1371
	Nov 2006	703	-13	600	0	600	10.1	634.00	1460
	Dec 2006	722	-26	572	0	572	9.3	638.71	1583
	Jan 2007	675	-17	574	0	574	9.3	641.80	1666
	Feb 2007	764	-18	745	0	745	13.4	641.80	1666

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Parker Dam - Lake Havasu

		Davis Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	MWD Diversion 1000 Ac-Ft	CAP diversion 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft	Flow_to Mexico 1000 Ac-Ft	Flow_to Mexico 1000 CFS
*	Mar 2004	958	-11	724	11.8	57	186	445.64	536	202	3.3
H	Apr 2004	1033	-7	751	12.6	71	181	446.84	558	212	3.6
I	May 2004	1032	-16	734	11.9	68	188	448.14	583	112	1.8
S	Jun 2004	1003	-24	739	12.4	69	165	448.39	587	109	1.8
T	Jul 2004	918	-23	731	11.9	52	104	448.77	595	121	2.0
O	Aug 2004	740	-17	654	10.6	43	45	447.70	574	98	1.6
R	Sep 2004	653	-1	525	8.8	42	70	448.47	589	94	1.6
	WY 2004	9425	-96	6801		722	1773			1540	
I	Oct 2004	464	22	420	6.8	40	3	449.60	611	112	1.8
C	Nov 2004	480	39	286	4.8	97	171	447.78	576	105	1.8
A	Dec 2004	497	14	237	3.9	106	189	446.96	560	129	2.1
L	Jan 2005	302	128	253	4.1	3	175	446.86	559	141	2.3
*	Feb 2005	268	170	270	4.9	45	68	449.70	613	153	2.8
	Mar 2005	243	250	481	7.8	41	0	448.20	584	204	3.3
	Apr 2005	632	50	595	10.0	79	25	447.30	567	198	3.3
	May 2005	893	0	678	11.0	61	108	449.60	611	109	1.8
	Jun 2005	980	-13	730	12.3	82	154	449.60	611	109	1.8
	Jul 2005	1013	-7	762	12.4	85	190	448.00	580	119	1.9
	Aug 2005	924	-2	655	10.7	85	191	447.50	570	96	1.6
	Sep 2005	800	-6	560	9.4	55	191	446.81	557	89	1.5
	WY 2005	7496	645	5927		779	1465			1564	
	Oct 2005	753	-4	504	8.2	63	191	446.29	548	75	1.2
	Nov 2005	618	3	384	6.5	51	191	446.00	543	99	1.7
	Dec 2005	545	12	334	5.4	36	191	445.80	539	122	2.0
	Jan 2006	580	12	373	6.1	64	154	445.80	539	128	2.1
	Feb 2006	774	0	553	9.9	62	155	446.00	543	153	2.8
	Mar 2006	986	-8	733	11.9	76	156	446.70	555	204	3.3
	Apr 2006	1072	-8	768	12.9	82	176	448.71	594	198	3.3
	May 2006	951	0	676	11.0	76	180	449.60	611	109	1.8
	Jun 2006	869	-13	696	11.7	77	82	449.60	611	109	1.8
	Jul 2006	845	-7	704	11.4	83	82	448.00	580	119	1.9
	Aug 2006	781	-2	623	10.1	83	82	447.50	570	96	1.6
	Sep 2006	721	-6	565	9.5	80	82	446.81	557	89	1.5
	WY 2006	9495	-21	6913		833	1722			1501	
	Oct 2006	550	-4	478	7.8	77	0	446.31	548	75	1.2
	Nov 2006	600	3	350	5.9	77	182	446.00	543	99	1.7
	Dec 2006	572	12	338	5.5	75	175	445.80	539	122	2.0
	Jan 2007	574	12	373	6.1	59	154	445.80	539	128	2.1
	Feb 2007	745	0	552	9.9	33	156	446.00	543	153	2.8

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Hoover Dam - Lake Mead

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Hoover Static Head Feet	Hoover Generator Capacity MW	Hoover Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Mar 2004	946	15.4	1138.70	15255	-149	0.00	1270.0	391.6	69	414.1
H	Apr 2004	1049	17.6	1134.98	14866	-389	0.00	1194.0	450.9	69	429.9
I	May 2004	1124	18.3	1129.70	14324	-542	0.00	1767.0	474.0	100	421.6
S	Jun 2004	995	16.7	1126.93	14044	-280	0.00	1731.0	410.2	100	412.2
T	Jul 2004	952	15.5	1125.73	13924	-120	0.00	1731.0	388.3	100	407.6
O	Aug 2004	763	12.4	1126.67	14018	94	0.00	1731.0	305.8	100	400.6
R	Sep 2004	568	9.5	1125.86	13937	-81	0.00	1731.0	221.5	100	390.1
	WY 2004	9635							4025.4		
I	Oct 2004	365	5.9	1127.43	14094	157	0.00	1298.0	134.7	75	369.3
C	Nov 2004	502	8.4	1130.13	14367	273	0.00	1194.0	201.0	69	400.6
A	Dec 2004	642	10.4	1130.01	14355	-12	0.00	1284.0	264.4	70	411.6
L	Jan 2005	337	5.5	1137.40	15119	764	0.00	1284.0	127.9	70	379.2
*	Feb 2005	341	6.1	1143.25	15739	620	0.00	1265.0	135.6	69	397.2
	Mar 2005	267	4.3	1147.90	16246	507	494.78	1247.1	103.6	68	388.8
	Apr 2005	649	10.9	1146.15	16054	-192	492.95	1834.0	276.7	100	426.3
	May 2005	923	15.0	1142.85	15696	-358	490.62	1834.0	400.8	100	434.4
	Jun 2005	981	16.5	1140.54	15449	-247	488.15	1834.0	422.4	100	430.5
	Jul 2005	1031	16.8	1138.40	15224	-225	486.43	1834.0	443.5	100	430.4
	Aug 2005	954	15.5	1137.31	15110	-114	484.99	1834.0	412.8	100	432.4
	Sep 2005	724	12.2	1135.33	14902	-207	484.60	1834.0	309.4	100	427.5
	WY 2005	7716							3232.8		
	Oct 2005	566	9.2	1134.39	14804	-98	487.60	1448.9	239.0	79	422.0
	Nov 2005	721	12.1	1132.98	14660	-145	489.45	1357.2	314.2	74	436.1
	Dec 2005	694	11.3	1132.00	14559	-101	485.89	1357.2	297.6	74	428.9
	Jan 2006	681	11.1	1133.16	14678	119	483.43	1357.2	289.9	74	425.8
	Feb 2006	792	14.3	1132.73	14633	-45	482.78	1357.2	348.9	74	440.6
	Mar 2006	1039	16.9	1130.61	14416	-217	480.46	1485.5	449.2	81	432.2
	Apr 2006	1116	18.8	1125.26	13877	-539	474.24	1834.0	478.2	100	428.3
	May 2006	981	15.9	1121.12	13468	-409	469.39	1834.0	413.9	100	422.1
	Jun 2006	870	14.6	1119.68	13329	-139	466.95	1834.0	361.1	100	415.1
	Jul 2006	863	14.0	1119.01	13264	-65	466.39	1834.0	363.8	100	421.7
	Aug 2006	812	13.2	1119.24	13286	22	466.34	1834.0	339.8	100	418.6
	Sep 2006	645	10.8	1117.90	13156	-130	466.93	1834.0	262.7	100	407.6
	WY 2006	9779							4158.3		
	Oct 2006	363	5.9	1119.84	13344	188	472.22	1357.2	144.1	74	396.6
	Nov 2006	703	11.8	1118.54	13218	-126	475.00	1357.2	297.8	74	423.9
	Dec 2006	722	11.7	1119.23	13286	67	472.33	1357.2	304.2	74	421.5
	Jan 2007	675	11.0	1120.63	13420	134	470.82	1357.2	281.0	74	416.2
	Feb 2007	764	13.7	1121.21	13477	57	470.79	1357.2	327.8	74	429.3

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Davis Dam - Lake Mohave

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Davis Static Head Feet	Davis Generator Capacity MW	Davis Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Mar 2004	958	15.6	642.21	1677	-38	0.00	209.0	121.6	82	126.9
H	Apr 2004	1033	17.4	642.33	1680	3	0.00	255.0	128.5	100	124.4
I	May 2004	1032	16.8	644.09	1729	48	0.00	255.0	130.0	100	126.0
S	Jun 2004	1003	16.8	642.91	1696	-32	0.00	255.0	119.7	100	119.4
T	Jul 2004	918	14.9	643.29	1707	10	0.00	255.0	114.1	100	124.3
O	Aug 2004	740	12.0	643.20	1704	-2	0.00	255.0	92.3	100	124.7
R	Sep 2004	653	11.0	639.54	1605	-99	0.00	255.0	81.2	100	124.2
	WY 2004	9425							1164.1		
I	Oct 2004	464	7.5	635.90	1509	-96	0.00	204.0	56.7	80	122.3
C	Nov 2004	480	8.1	636.02	1512	3	0.00	196.0	57.9	77	120.5
A	Dec 2004	497	8.1	640.56	1633	120	0.00	173.0	61.7	68	124.1
L	Jan 2005	302	4.9	641.53	1659	26	0.00	163.0	37.7	64	124.9
*	Feb 2005	268	4.8	643.88	1723	64	0.00	189.0	33.0	74	123.2
	Mar 2005	243	4.0	643.60	1715	-8	138.02	209.1	31.6	82	130.1
	Apr 2005	632	10.6	643.00	1699	-16	136.34	255.0	80.3	100	127.0
	May 2005	893	14.5	643.01	1699	0	136.05	255.0	112.0	100	125.4
	Jun 2005	980	16.5	642.00	1671	-28	135.52	255.0	121.9	100	124.4
	Jul 2005	1013	16.5	641.50	1658	-14	134.73	255.0	125.3	100	123.7
	Aug 2005	924	15.0	641.50	1658	0	134.46	255.0	114.5	100	123.9
	Sep 2005	800	13.4	638.00	1564	-94	132.63	255.0	98.3	100	122.9
	WY 2005	7495							930.8		
	Oct 2005	753	12.2	630.49	1371	-193	128.32	204.0	89.1	80	118.3
	Nov 2005	618	10.4	634.00	1460	89	126.46	196.3	72.4	77	117.2
	Dec 2005	545	8.9	638.71	1583	123	131.54	173.4	66.2	68	121.4
	Jan 2006	580	9.4	641.80	1666	83	135.97	163.2	72.3	64	124.7
	Feb 2006	774	13.9	641.80	1666	0	136.69	188.7	96.3	74	124.5
	Mar 2006	986	16.0	642.60	1688	22	136.48	209.1	122.5	82	124.2
	Apr 2006	1072	18.0	643.01	1699	11	135.84	255.0	133.1	100	124.2
	May 2006	951	15.5	643.01	1699	0	136.05	255.0	119.0	100	125.1
	Jun 2006	869	14.6	642.00	1671	-28	135.52	255.0	108.6	100	124.9
	Jul 2006	845	13.7	641.50	1658	-14	134.73	255.0	105.3	100	124.5
	Aug 2006	781	12.7	641.50	1658	0	134.46	255.0	97.4	100	124.7
	Sep 2006	721	12.1	638.00	1564	-94	132.63	255.0	88.9	100	123.3
	WY 2006	9494							1171.0		
	Oct 2006	550	8.9	630.49	1371	-193	128.32	204.0	65.7	80	119.5
	Nov 2006	600	10.1	634.00	1460	89	126.46	196.3	70.4	77	117.3
	Dec 2006	572	9.3	638.71	1583	123	131.54	173.4	69.4	68	121.3
	Jan 2007	574	9.3	641.80	1666	83	135.97	163.2	71.7	64	124.8
	Feb 2007	745	13.4	641.80	1666	0	136.69	188.7	93.0	74	124.7

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Parker Dam - Lake Havasu

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Parker Static Head Feet	Parker Generator Capacity MW	Parker Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Mar 2004	724	11.8	445.64	536	-20	0.00	120.0	48.7	100	67.3
H	Apr 2004	751	12.6	446.84	558	22	0.00	120.0	50.2	100	66.9
I	May 2004	734	11.9	448.14	583	24	0.00	120.0	50.3	100	68.5
S	Jun 2004	739	12.4	448.39	587	5	0.00	120.0	49.5	100	67.0
T	Jul 2004	731	11.9	448.77	595	7	0.00	120.0	49.4	100	67.6
O	Aug 2004	654	10.6	447.70	574	-20	0.00	120.0	44.3	100	67.7
R	Sep 2004	525	8.8	448.47	589	15	0.00	120.0	35.7	100	68.0
	WY 2004	6802							458.3		
I	Oct 2004	420	6.8	449.60	611	22	0.00	90.0	28.8	75	68.6
C	Nov 2004	286	4.8	447.78	576	-35	0.00	90.0	19.1	75	66.7
A	Dec 2004	237	3.9	446.96	560	-15	0.00	90.0	15.0	75	63.4
L	Jan 2005	253	4.1	446.86	559	-2	0.00	90.0	16.2	75	64.2
*	Feb 2005	270	4.9	449.70	613	54	0.00	90.0	17.7	75	65.6
	Mar 2005	481	7.8	448.20	584	-30	77.70	90.0	32.2	75	67.0
	Apr 2005	595	10.0	447.30	567	-17	75.13	120.0	39.0	100	65.5
	May 2005	678	11.0	449.60	611	45	75.81	120.0	44.9	100	66.2
	Jun 2005	730	12.3	449.60	611	0	76.93	120.0	49.1	100	67.3
	Jul 2005	762	12.4	448.00	580	-31	76.15	120.0	50.8	100	66.7
	Aug 2005	655	10.7	447.50	570	-10	75.13	120.0	43.0	100	65.6
	Sep 2005	560	9.4	446.81	557	-13	74.86	112.8	36.6	94	65.2
	WY 2005	5928							392.5		
	Oct 2005	504	8.2	446.29	548	-9	75.24	92.4	32.9	77	65.4
	Nov 2005	384	6.5	446.00	543	-5	74.79	93.6	24.7	78	64.3
	Dec 2005	334	5.4	445.80	539	-4	74.07	103.2	21.1	86	63.1
	Jan 2006	373	6.1	445.80	539	0	74.64	90.0	23.9	75	64.1
	Feb 2006	553	9.9	446.00	543	4	74.74	90.0	36.2	75	65.5
	Mar 2006	733	11.9	446.70	555	13	75.17	90.0	48.6	75	66.2
	Apr 2006	768	12.9	448.71	594	38	75.09	120.0	50.6	100	66.0
	May 2006	676	11.0	449.60	611	18	76.49	120.0	45.1	100	66.7
	Jun 2006	696	11.7	449.60	611	0	76.93	120.0	46.8	100	67.2
	Jul 2006	704	11.4	448.00	580	-31	76.15	120.0	46.8	100	66.6
	Aug 2006	623	10.1	447.50	570	-10	75.13	120.0	40.8	100	65.5
	Sep 2006	565	9.5	446.81	557	-13	74.86	112.8	36.9	94	65.3
	WY 2006	6913							454.5		
	Oct 2006	478	7.8	446.31	548	-9	75.25	92.4	31.2	77	65.2
	Nov 2006	350	5.9	446.00	543	-6	74.80	93.6	22.4	78	64.0
	Dec 2006	338	5.5	445.80	539	-4	74.07	103.2	21.4	86	63.2
	Jan 2007	373	6.1	445.80	539	0	74.64	90.0	23.9	75	64.1
	Feb 2007	552	9.9	446.00	543	4	74.74	90.0	36.2	75	65.5

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Upper Basin Power

		Glen Canyon 1000 MWHR	Flam Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Res 1000 MWHR	Font Res 1000 MWHR
*	Mar 2004	312	18	3	6	0	3
	Winter 2004	1596	106	32	46	8	17
H	Apr 2004	263	17	8	14	4	7
I	May 2004	239	37	9	16	0	4
S	Jun 2004	324	20	16	22	0	5
T	Jul 2004	360	20	28	34	0	8
O	Aug 2004	354	21	28	33	0	7
R	Sep 2004	188	20	24	31	0	2
	Summer 2004	1729	135	112	150	4	33
I	Oct 2004	191	16	16	19	7	4
C	Nov 2004	242	16	3	6	0	5
A	Dec 2004	230	16	6	9	1	6
L	Jan 2005	296	18	8	11	5	6
*	Feb 2005	272	19	12	15	3	5
	Mar 2005	288	22	28	37	19	6
	Winter 2005	1519	107	73	97	37	31
	Apr 2005	181	21	25	38	22	6
	May 2005	221	49	33	55	22	7
	Jun 2005	307	64	17	28	22	9
	Jul 2005	337	27	32	40	22	10
	Aug 2005	338	27	35	42	22	8
	Sep 2005	197	26	32	39	20	6
	Summer 2005	1581	214	175	241	131	45
	Oct 2005	197	27	25	30	16	6
	Nov 2005	236	26	18	22	12	6
	Dec 2005	236	27	20	25	13	6
	Jan 2006	309	27	20	25	13	5
	Feb 2006	281	24	17	23	12	4
	Mar 2006	311	27	19	26	14	5
	Winter 2006	1570	158	119	150	79	32
	Apr 2006	231	26	21	30	18	6
	May 2006	235	53	16	29	22	7
	Jun 2006	322	88	14	24	22	8
	Jul 2006	350	41	31	37	22	10
	Aug 2006	351	41	35	41	22	8
	Sep 2006	205	39	32	38	20	6
	Summer 2006	1694	288	149	200	127	44
	Oct 2006	246	42	25	30	16	7
	Nov 2006	246	41	16	19	11	6
	Dec 2006	327	42	23	29	15	6
	Jan 2007	325	42	28	36	18	6
	Feb 2007	324	38	25	33	17	5

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model_run_id = 1441

FLOOD CONTROL CRITERIA
BEGINNING OF MONTH CONDITIONS

MON	YEAR	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	LAKE POWELL KAF	UPPER BASIN TOTAL KAF	LAKE MEAD KAF	TOTAL KAF	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	TOT OR MAX ALLOW KAF	LAKE POWELL KAF	LAKE MEAD KAF	TOTAL KAF	BOM SPACE REQD KAF	MEAD SCHED REL KAF	MEAD FC REL KAF	SYS CONT MAF
		* * * * PREDICTED SPACE * * * *										* * * * EFFECTIVE SPACE * * * *							
MAR	2005	1160	369	592	16055	18176	11641	29817	602	369	592	1563	16055	11641	29260	1500	267	0	31.5
APR	2005	1117	432	410	16256	18215	11134	29349	554	432	410	1396	16256	11134	28786	1500	649	0	31.9
MAY	2005	1024	419	218	15861	17523	11326	28849	453	419	218	1090	15861	11326	28277	1500	922	0	33.4
JUN	2005	910	279	86	14462	15738	11684	27421	328	272	86	686	14462	11684	26833	1500	981	0	35.3
JUL	2005	728	61	67	12795	13651	11931	25581	132	33	67	232	12795	11931	24957	1500	1031	0	35.6
												* * * * CREDITABLE SPACE * * * *							
AUG	2005	614	27	52	12326	13019	12156	25175	614	27	52	693	12326	12156	25175	1500	954	0	35.2
SEP	2005	613	68	66	12547	13293	12270	25563	613	68	66	747	12547	12270	25563	2270	724	0	34.8
OCT	2005	641	127	50	12550	13367	12478	25845	641	127	50	818	12550	12478	25845	3040	566	0	34.5
NOV	2005	664	171	48	12519	13401	12576	25977	664	171	48	883	12519	12576	25977	3810	721	0	34.3
DEC	2005	689	202	48	12597	13536	12720	26256	689	202	48	939	12597	12720	26256	4580	694	0	34.1
JAN	2006	729	248	57	12725	13759	12821	26580	729	248	57	1034	12725	12821	26580	5350	681	0	33.8
												* * * * EFFECTIVE SPACE * * * *							
JAN	2006	729	248	57	12725	13759	12821	26580	473	248	46	767	12725	12821	26314	5350	681	0	33.8
FEB	2006	764	294	67	13057	14182	12702	26884	505	294	56	856	13057	12702	26615	1500	792	0	33.5
MAR	2006	789	334	68	13335	14526	12747	27273	527	334	56	917	13335	12747	26999	1500	1039	0	33.1
APR	2006	771	371	42	13566	14750	12964	27714	504	371	24	899	13566	12964	27429	1500	1116	0	32.8
MAY	2006	709	376	52	13383	14520	13503	28023	434	376	8	818	13383	13503	27704	1500	981	0	33.7
JUN	2006	591	244	99	12275	13210	13912	27122	305	239	20	565	12275	13912	26752	1500	870	0	35.3
JUL	2006	422	49	181	10802	11454	14051	25505	122	23	54	199	10802	14051	25053	1500	863	0	35.7
												* * * * CREDITABLE SPACE * * * *							
AUG	2006	318	27	180	10470	10994	14116	25110	318	27	180	525	10470	14116	25110	1500	812	0	35.4
SEP	2006	346	70	203	10693	11312	14094	25406	346	70	203	619	10693	14094	25406	2270	645	0	35.0
OCT	2006	406	131	204	10677	11418	14224	25642	406	131	204	741	10677	14224	25642	3040	363	0	34.9
NOV	2006	464	171	206	10667	11508	14036	25543	464	171	206	841	10667	14036	25543	3810	703	0	34.8
DEC	2006	523	193	206	10677	11599	14162	25761	523	193	206	922	10677	14162	25761	4580	722	0	34.6
JAN	2007	600	248	212	10913	11973	14094	26068	600	248	212	1060	10913	14094	26068	5350	675	0	34.4
												* * * * EFFECTIVE SPACE * * * *							
JAN	2007	600	248	212	10913	11973	14094	26068	365	248	212	825	10913	14094	25832	5350	675	0	34.4
FEB	2007	671	319	222	11158	12370	13960	26330	435	319	222	976	11158	13960	26094	1500	764	0	34.1

To: All Annual Operating Plan Recipients

From: Lower Colorado Region
Boulder Canyon Operations Office
River Operations Group
Attention: BCOO4600
P.O. Box 61470
Boulder City, NV 89006-1470
Phone: 702-293-8190

This operation study reflects the 2005 Annual Operating Plan (AOP) as signed by the Secretary of Interior. The Normal condition is the criterion governing the operation of Lake Mead for calendar year 2005. A copy of the 2005 AOP can be obtained by contacting Lorraine Siano, (702)293-8539 or visit our website at www.usbr.gov/lc/region/riverops.html.

In this study, the Calendar Year (CY) 2005 diversion for Metropolitan Water District of Southern California (MWD) is forecasted to be 0.708 million acre-feet (maf). The CY 2005 diversion for the Central Arizona Project (CAP) is forecasted to be 1.670 maf. Consumptive use for Nevada above Hoover is forecasted to be 0.281 maf for CY 2005.

Lake Mead's elevation is projected to be 1134.21 feet at the end of calendar year 2005. For this model we are assuming partial domestic diversions for calendar year 2006 and normal diversions for calendar year 2007.

Due to declining Lake Mead elevations, Hoover's generator capacity is adjusted based on estimated effective capacity and plant availability. The estimated effective capacity is based on projected Lake Mead elevations. Unit capacity tests will be performed as lake elevation changes in 2' increments.

Current runoff projections into Lake Powell are provided by the National Weather Service, Colorado Basin River Forecast Center and are as follows: observed unregulated inflow into Lake Powell for the month of April was 1.188 maf or 121% of the 30 year average. The forecast for the month of May unregulated inflow into Lake Powell is 2.6 maf or 113% of the 30 year average. The projected April through July unregulated inflow for water year 2005 is 8.6 maf or 108% of average. Unregulated inflow into Lake Powell for water year 2005 is forecasted to be 105% of average.

Hoover, Davis, and Parker historical gross energy figures come from form PO&M from the Power and O&M Group, Boulder Canyon Operations, Bureau of Reclamation, Boulder City, Nevada. Questions regarding these historical numbers can be directed to Joe Donnelly, (702)293-8607.

(Note: lower basin previous months historical SNWS and flow to Mexico values are preliminary estimates.)

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Fontenelle Reservoir

		Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	May 2004	67	2	59	0	59	6484.57	193
H	Jun 2004	182	2	60	0	60	6501.79	313
I	Jul 2004	168	3	89	54	143	6504.73	336
S	Aug 2004	56	2	76	7	83	6500.95	306
T	Sep 2004	41	2	24	33	57	6498.57	288
	WY 2004	768	18	604	116	720		
O	Oct 2004	54	1	46	13	59	6497.76	282
R	Nov 2004	49	1	62	3	65	6495.55	266
I	Dec 2004	35	1	74	0	74	6489.78	226
C	Jan 2005	36	1	73	2	75	6483.52	187
A	Feb 2005	28	0	67	0	67	6476.27	148
L	Mar 2005	65	1	72	2	74	6474.16	138
*	Apr 2005	125	1	87	1	88	6481.27	174
	May 2005	170	2	103	12	115	6489.79	227
	Jun 2005	320	2	105	137	242	6500.52	303
	Jul 2005	165	3	84	0	84	6510.32	381
	Aug 2005	75	2	67	5	72	6510.41	382
	Sep 2005	45	2	31	30	61	6508.23	364
	WY 2005	1167	17	871	205	1076		
	Oct 2005	47	1	54	9	63	6506.07	346
	Nov 2005	39	1	61	0	61	6503.15	323
	Dec 2005	30	1	63	0	63	6498.68	289
	Jan 2006	28	1	63	0	63	6493.66	253
	Feb 2006	26	1	57	0	57	6488.88	221
	Mar 2006	47	1	59	16	75	6484.52	193
	Apr 2006	84	1	58	31	89	6483.50	187
	May 2006	176	2	104	18	122	6491.68	239
	Jun 2006	320	3	100	86	186	6508.99	370
	Jul 2006	192	3	98	47	145	6514.11	414
	Aug 2006	83	3	83	0	83	6513.82	412
	Sep 2006	48	2	68	0	68	6511.32	390
	WY 2006	1120	20	868	207	1075		
	Oct 2006	52	1	72	0	72	6508.74	368
	Nov 2006	43	1	70	0	70	6505.35	340
	Dec 2006	33	1	72	0	72	6500.22	301
	Jan 2007	31	1	72	0	72	6494.47	259
	Feb 2007	29	1	65	0	65	6488.96	222
	Mar 2007	52	1	85	0	85	6483.65	188
	Apr 2007	93	1	94	0	94	6483.34	186

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Flaming Gorge Reservoir

	Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Yampa Flow 1000 Ac-Ft	Jensen Flow 1000 Ac-Ft
* May 2004	76	69	7	107	0	107	67	6008.57	2595	0	391
H Jun 2004	188	74	9	61	0	61	67	6008.69	2599	0	232
I Jul 2004	182	147	11	61	0	61	70	6010.91	2671	0	119
S Aug 2004	60	88	11	62	0	62	70	6011.37	2686	0	73
T Sep 2004	46	62	9	60	0	60	70	6011.15	2679	0	81
WY 2004	873	829	69	715	0	715					2174
O Oct 2004	68	74	6	51	0	51	71	6011.65	2695	0	103
R Nov 2004	62	75	3	48	0	48	72	6012.35	2718	0	95
I Dec 2004	37	77	2	50	0	50	73	6013.09	2743	0	86
C Jan 2005	43	81	2	56	0	56	74	6013.81	2767	0	114
A Feb 2005	39	78	2	55	0	55	74	6014.39	2786	0	101
L Mar 2005	122	134	3	60	0	60	77	6016.39	2854	0	124
* Apr 2005	158	122	5	59	0	59	79	6018.01	2910	0	275
May 2005	260	205	7	135	0	135	81	6019.74	2971	0	135
Jun 2005	450	372	10	225	0	225	86	6023.45	3103	0	225
Jul 2005	202	121	13	74	0	74	87	6024.35	3136	0	74
Aug 2005	89	86	12	74	0	74	87	6024.34	3136	0	74
Sep 2005	56	72	11	71	0	71	86	6024.08	3126	0	71
WY 2005	1586	1497	76	958	0	958					1477
Oct 2005	59	75	7	74	0	74	86	6023.94	3121	0	74
Nov 2005	50	72	3	71	0	71	86	6023.87	3119	0	71
Dec 2005	36	69	2	74	0	74	86	6023.71	3113	0	74
Jan 2006	41	76	2	74	0	74	86	6023.73	3114	0	74
Feb 2006	45	76	2	67	0	67	86	6023.93	3121	0	67
Mar 2006	97	125	3	74	0	74	88	6025.19	3167	0	74
Apr 2006	141	146	5	71	0	71	90	6027.01	3235	0	71
May 2006	273	219	8	144	0	144	92	6028.73	3300	0	144
Jun 2006	423	289	11	240	0	240	93	6029.71	3338	0	240
Jul 2006	233	186	14	111	0	111	95	6031.24	3397	0	111
Aug 2006	97	97	13	111	0	111	95	6030.58	3371	0	111
Sep 2006	59	79	11	107	0	107	93	6029.59	3333	0	107
WY 2006	1554	1509	81	1218	0	1218					1218
Oct 2006	65	85	7	115	0	115	92	6028.64	3297	0	115
Nov 2006	56	83	3	112	0	112	91	6027.81	3265	0	112
Dec 2006	40	79	2	115	0	115	90	6026.83	3228	0	115
Jan 2007	45	86	2	115	0	115	89	6026.04	3199	0	115
Feb 2007	50	86	2	105	0	105	88	6025.49	3179	0	105
Mar 2007	108	142	3	115	0	115	89	6026.11	3201	0	115
Apr 2007	157	158	5	112	0	112	90	6027.18	3242	0	112

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Taylor Park Reservoir

	Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
* May 2004	23	10	9322.01	91
H Jun 2004	23	16	9325.53	97
I Jul 2004	11	19	9321.35	89
S Aug 2004	6	18	9314.10	77
T Sep 2004	5	15	9308.05	67
WY 2004	102	102		
O Oct 2004	5	7	9307.00	65
R Nov 2004	4	3	9307.60	66
I Dec 2004	4	3	9307.98	67
C Jan 2005	5	3	9308.68	68
A Feb 2005	4	3	9309.03	68
L Mar 2005	4	3	9309.07	68
* Apr 2005	8	7	9309.85	70
May 2005	31	23	9314.61	77
Jun 2005	49	25	9327.57	101
Jul 2005	21	26	9324.91	96
Aug 2005	10	22	9318.50	84
Sep 2005	7	16	9312.82	74
WY 2005	152	141		
Oct 2005	6	8	9311.46	72
Nov 2005	5	3	9312.44	74
Dec 2005	4	3	9313.10	75
Jan 2006	4	3	9313.64	76
Feb 2006	3	3	9313.88	76
Mar 2006	4	4	9313.82	76
Apr 2006	8	10	9312.37	74
May 2006	25	18	9316.28	80
Jun 2006	41	21	9327.06	100
Jul 2006	20	22	9326.04	98
Aug 2006	9	20	9320.38	88
Sep 2006	6	18	9313.76	76
WY 2006	135	133		
Oct 2006	7	12	9310.41	71
Nov 2006	5	3	9311.72	73
Dec 2006	5	3	9312.70	74
Jan 2007	4	6	9311.71	73
Feb 2007	4	6	9310.36	70
Mar 2007	4	6	9309.29	69
Apr 2007	8	12	9306.96	65

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Blue Mesa Reservoir

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir elevation EOM Feet	Live Storage 1000 Ac-Ft
*	May 2004	154	141	1	32	0	32	7487.46	562
H	Jun 2004	134	128	1	54	0	54	7496.75	635
I	Jul 2004	65	72	1	93	0	93	7494.00	613
S	Aug 2004	28	41	1	93	0	93	7487.18	560
T	Sep 2004	22	32	1	83	0	83	7480.20	507
	WY 2004	628	629	6	503	0	503		
O	Oct 2004	28	30	0	58	0	58	7476.41	480
R	Nov 2004	26	25	0	11	0	11	7478.29	494
I	Dec 2004	21	20	0	22	0	22	7477.99	491
C	Jan 2005	23	22	0	27	0	27	7477.18	486
A	Feb 2005	20	19	0	44	0	44	7473.64	461
L	Mar 2005	29	28	0	68	0	68	7467.79	421
*	Apr 2005	64	63	1	106	0	106	7460.97	377
	May 2005	245	237	1	69	0	69	7485.19	545
	Jun 2005	315	291	1	59	0	59	7513.36	775
	Jul 2005	126	131	2	103	0	103	7516.39	802
	Aug 2005	60	72	1	114	0	114	7511.58	760
	Sep 2005	34	44	1	105	0	105	7504.33	697
	WY 2005	991	982	7	786	0	786		
	Oct 2005	33	35	1	83	0	83	7498.56	650
	Nov 2005	29	27	0	53	0	53	7495.43	624
	Dec 2005	23	22	0	64	0	64	7490.08	582
	Jan 2006	23	22	0	68	0	68	7484.04	536
	Feb 2006	21	21	0	61	0	61	7478.59	496
	Mar 2006	32	32	0	69	0	69	7473.39	459
	Apr 2006	68	70	1	75	0	75	7472.63	454
	May 2006	196	189	1	58	0	58	7490.36	584
	Jun 2006	263	243	1	47	0	47	7513.80	779
	Jul 2006	121	123	2	98	0	98	7516.42	803
	Aug 2006	59	70	1	112	0	112	7511.53	759
	Sep 2006	33	45	1	104	0	104	7504.50	699
	WY 2006	901	899	8	892	0	892		
	Oct 2006	37	43	1	82	0	82	7499.70	659
	Nov 2006	32	30	0	52	0	52	7496.93	636
	Dec 2006	26	24	0	79	0	79	7490.03	582
	Jan 2007	25	27	0	98	0	98	7480.65	511
	Feb 2007	23	25	0	88	0	88	7471.77	448
	Mar 2007	35	37	0	92	0	92	7463.41	393
	Apr 2007	75	79	1	95	0	95	7460.74	376

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T E M R E S E R V O I R S

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Morrow Point Reservoir

	Unreg Inflow 1000 Ac-Ft	Blue_Mesa Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Evap losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
* May 2004	171	32	18	50	0	47	0	47	7154.18	112
H Jun 2004	143	54	8	62	0	62	0	62	7154.59	113
I Jul 2004	66	93	1	94	0	95	0	95	7152.76	111
S Aug 2004	29	93	1	94	0	93	0	93	7153.42	112
T Sep 2004	23	83	1	84	0	86	0	86	7151.14	110
WY 2004	683	503	54	554	0	555	0	555		
O Oct 2004	30	58	1	59	0	56	0	56	7155.42	113
R Nov 2004	27	11	1	12	0	17	0	17	7149.03	108
I Dec 2004	22	22	1	24	0	22	0	22	7150.76	110
C Jan 2005	24	27	2	29	0	30	0	30	7149.07	108
A Feb 2005	22	44	2	46	0	44	0	44	7152.16	111
L Mar 2005	31	68	2	70	0	70	0	70	7152.11	111
* Apr 2005	69	106	5	111	0	115	0	115	7147.31	107
May 2005	278	69	33	102	0	97	0	97	7153.73	112
Jun 2005	340	59	25	84	0	84	0	84	7153.73	112
Jul 2005	133	103	7	110	0	110	0	110	7153.73	112
Aug 2005	63	114	3	117	0	117	0	117	7153.73	112
Sep 2005	36	105	2	107	0	107	0	107	7153.73	112
WY 2005	1075	786	84	871	0	869	0	869		
Oct 2005	35	83	2	84	0	85	0	85	7153.73	112
Nov 2005	31	53	2	55	0	55	0	55	7153.73	112
Dec 2005	25	64	2	66	0	66	0	66	7153.73	112
Jan 2006	24	68	1	69	0	69	0	69	7153.73	112
Feb 2006	23	61	2	62	0	63	0	63	7153.73	112
Mar 2006	35	69	3	72	0	72	0	72	7153.73	112
Apr 2006	77	75	9	84	0	84	0	84	7153.73	112
May 2006	222	58	26	84	0	84	0	84	7153.73	112
Jun 2006	284	47	21	67	0	68	0	68	7153.73	112
Jul 2006	127	98	6	104	0	104	0	104	7153.73	112
Aug 2006	61	112	2	114	0	114	0	114	7153.73	112
Sep 2006	35	104	2	106	0	106	0	106	7153.73	112
WY 2006	979	892	78	967	0	970	0	970		
Oct 2006	39	82	2	84	0	84	0	84	7153.73	112
Nov 2006	34	52	2	54	0	54	0	54	7153.73	112
Dec 2006	28	79	2	81	0	81	0	81	7153.73	112
Jan 2007	27	98	2	100	0	100	0	100	7153.73	112
Feb 2007	25	88	3	90	0	90	0	90	7153.73	112
Mar 2007	39	92	4	96	0	96	0	96	7153.73	112
Apr 2007	85	95	10	105	0	105	0	105	7153.73	112

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Crystal Reservoir

		unreg Inflow 1000 Ac-Ft	Morrow Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Tunnel Flow 1000 Ac-Ft	Below_tunnel Flow 1000 Ac-Ft
*	May 2004	194	47	23	70	0	70	70	6751.47	17	50	22
H	Jun 2004	156	62	13	75	0	75	75	6752.33	17	55	22
I	Jul 2004	68	95	2	97	0	99	99	6746.23	15	64	40
S	Aug 2004	30	93	1	95	0	95	95	6744.94	15	65	35
T	Sep 2004	25	86	2	88	0	86	86	6751.39	17	55	35
	WY 2004	759	555	77	634	27	605	632			361	293
O	Oct 2004	33	56	3	59	38	21	59	6750.20	16	23	38
R	Nov 2004	30	17	3	20	0	22	22	6742.26	14	1	23
I	Dec 2004	25	22	3	25	13	10	23	6751.64	17	0	23
C	Jan 2005	28	30	4	34	34	0	34	6752.58	17	0	35
A	Feb 2005	25	44	3	47	20	29	49	6745.43	15	0	52
L	Mar 2005	34	70	3	73	72	0	72	6746.97	15	4	75
*	Apr 2005	75	115	6	121	119	0	119	6753.63	17	40	84
	May 2005	315	97	37	134	134	0	134	6753.04	17	55	79
	Jun 2005	385	84	45	129	129	0	129	6753.04	17	60	69
	Jul 2005	150	110	17	126	127	0	127	6753.04	17	65	61
	Aug 2005	74	117	11	128	128	0	128	6753.04	17	65	62
	Sep 2005	44	107	8	115	115	0	115	6753.04	17	55	60
	WY 2005	1218	869	143	1011	929	82	1011			368	661
	Oct 2005	42	85	7	91	92	0	92	6753.04	17	30	61
	Nov 2005	36	55	5	60	60	0	60	6753.04	17	0	60
	Dec 2005	30	66	5	71	71	0	71	6753.04	17	0	71
	Jan 2006	29	69	5	74	74	0	74	6753.04	17	0	74
	Feb 2006	27	63	4	66	67	0	67	6753.04	17	0	66
	Mar 2006	42	72	7	79	79	0	79	6753.04	17	5	73
	Apr 2006	94	84	17	101	101	0	101	6753.04	17	30	71
	May 2006	269	84	47	131	131	0	131	6753.04	17	55	76
	Jun 2006	340	68	56	123	124	0	124	6753.04	17	60	63
	Jul 2006	150	104	23	127	127	0	127	6753.04	17	65	62
	Aug 2006	74	114	13	127	127	0	127	6753.04	17	65	62
	Sep 2006	44	106	9	115	115	0	115	6753.04	17	55	60
	WY 2006	1177	970	198	1165	1168	0	1168			365	799
	Oct 2006	47	84	8	92	92	0	92	6753.04	17	30	62
	Nov 2006	40	54	6	60	60	0	60	6753.04	17	0	60
	Dec 2006	33	81	5	86	86	0	86	6753.04	17	0	86
	Jan 2007	32	100	5	105	105	0	105	6753.04	17	0	105
	Feb 2007	30	90	4	95	69	26	95	6753.04	17	0	95
	Mar 2007	47	96	8	103	103	0	103	6753.04	17	5	98
	Apr 2007	104	105	18	123	123	0	123	6753.04	17	30	93

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Vallecito Reservoir

	Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
* May 2004	73	44	7662.38	118
H Jun 2004	51	49	7663.00	120
I Jul 2004	20	42	7654.40	98
S Aug 2004	9	38	7642.16	69
T Sep 2004	23	26	7640.41	65
WY 2004	243	210		
O Oct 2004	19	8	7645.31	76
R Nov 2004	13	7	7647.85	82
I Dec 2004	9	15	7645.49	76
C Jan 2005	10	11	7644.99	75
A Feb 2005	8	27	7635.91	56
L Mar 2005	13	34	7624.13	35
* Apr 2005	42	33	7629.23	43
May 2005	108	80	7643.27	72
Jun 2005	130	79	7663.88	123
Jul 2005	50	47	7664.98	126
Aug 2005	24	43	7657.73	106
Sep 2005	17	42	7647.82	82
WY 2005	443	426		
Oct 2005	13	16	7646.36	79
Nov 2005	8	7	7646.84	80
Dec 2005	5	6	7646.58	79
Jan 2006	5	5	7646.58	79
Feb 2006	5	4	7646.75	79
Mar 2006	7	3	7648.54	84
Apr 2006	19	9	7652.64	94
May 2006	60	43	7659.46	111
Jun 2006	74	56	7666.12	129
Jul 2006	32	43	7661.86	117
Aug 2006	17	43	7651.71	91
Sep 2006	14	30	7645.10	76
WY 2006	259	265		
Oct 2006	14	16	7644.22	74
Nov 2006	9	6	7645.54	77
Dec 2006	6	6	7645.77	77
Jan 2007	5	5	7645.93	78
Feb 2007	5	4	7646.30	78
Mar 2007	8	5	7647.76	82
Apr 2007	21	31	7643.39	72

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Navajo Reservoir

		Mod_Unreg Inflow 1000 Ac-Ft	Azetea Tunnel_Div 1000 Ac-Ft	Reg Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	NIIP Diversion 1000 ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Farm Flow 1000 Ac-Ft
*	May 2004	225	30	168	3	28	22	6027.58	984	155
H	Jun 2004	133	20	109	3	40	22	6031.96	1028	115
I	Jul 2004	22	2	40	3	39	33	6028.39	992	48
S	Aug 2004	-2	0	26	3	39	45	6022.11	932	41
T	Sep 2004	58	2	61	2	19	36	6022.48	935	67
	WY 2004	805	80	693	20	188	281			853
O	Oct 2004	55	2	42	1	4	22	6024.04	950	54
R	Nov 2004	46	1	37	1	0	15	6026.25	971	47
I	Dec 2004	30	0	36	0	0	16	6028.28	991	43
C	Jan 2005	53	0	53	1	0	16	6032.00	1029	51
A	Feb 2005	72	0	91	1	0	15	6039.16	1104	59
L	Mar 2005	89	2	109	1	3	26	6046.24	1182	67
*	Apr 2005	308	30	270	2	14	34	6064.14	1401	153
	May 2005	495	32	435	4	31	224	6076.75	1577	224
	Jun 2005	440	49	340	5	44	212	6082.04	1656	212
	Jul 2005	137	24	110	5	50	31	6083.60	1680	31
	Aug 2005	62	5	77	4	44	40	6082.83	1668	40
	Sep 2005	46	0	70	3	19	30	6083.99	1686	30
	WY 2005	1833	145	1670	28	209	681			1011
	Oct 2005	40	0	43	2	13	130	6077.25	1584	130
	Nov 2005	32	0	31	1	1	30	6077.21	1583	30
	Dec 2005	23	0	24	1	0	31	6076.67	1575	31
	Jan 2006	21	0	21	1	0	31	6075.95	1565	31
	Feb 2006	28	0	28	1	0	28	6075.88	1564	28
	Mar 2006	80	0	76	2	5	31	6078.51	1603	31
	Apr 2006	153	8	135	3	23	34	6083.49	1678	34
	May 2006	248	44	187	4	30	200	6080.33	1630	200
	Jun 2006	231	35	179	5	43	212	6074.81	1548	212
	Jul 2006	76	3	85	5	48	24	6075.30	1556	24
	Aug 2006	41	3	64	4	43	40	6073.70	1533	40
	Sep 2006	36	1	50	3	19	25	6073.94	1536	25
	WY 2006	1009	94	923	32	225	816			816
	Oct 2006	44	0	46	2	12	31	6074.06	1538	31
	Nov 2006	35	0	32	1	1	30	6074.09	1538	30
	Dec 2006	25	0	25	1	0	31	6073.61	1531	31
	Jan 2007	23	0	22	1	0	31	6072.95	1522	31
	Feb 2007	30	0	29	1	0	28	6072.99	1523	28
	Mar 2007	89	0	86	2	5	31	6076.36	1571	31
	Apr 2007	170	8	172	3	25	34	6083.73	1682	34

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Lake Powell

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Bank Storage 1000 Ac-Ft	EOM Storage 1000 Ac-Ft	Lees Ferry 1000 Ac-Ft
*	May 2004	1181	972	24	595	0	595	3587.17	18776	10566	601
H	Jun 2004	1096	835	35	802	0	802	3586.16	18832	10476	809
I	Jul 2004	546	468	36	900	0	900	3579.70	18927	9914	909
S	Aug 2004	176	303	39	896	0	896	3572.10	18931	9278	904
T	Sep 2004	322	414	36	484	0	484	3570.77	18933	9169	487
	WY 2004	6128	5593	296	8232	0	8232				8329
O	Oct 2004	505	517	20	493	0	493	3570.50	18958	9148	493
R	Nov 2004	558	481	17	623	93	716	3567.28	18965	8889	729
I	Dec 2004	376	377	15	599	0	599	3564.42	18953	8664	597
C	Jan 2005	519	503	9	777	0	777	3562.07	18852	8481	787
A	Feb 2005	497	472	10	720	0	720	3559.23	18810	8265	730
L	Mar 2005	593	526	8	803	0	803	3555.90	18775	8015	817
*	Apr 2005	1188	955	13	526	0	526	3562.81	18668	8538	536
	May 2005	2600	2087	29	605	0	605	3579.35	18775	9884	605
	Jun 2005	3300	2684	37	800	0	800	3598.36	18912	11594	800
	Jul 2005	1512	1328	45	845	0	845	3602.60	18945	12000	845
	Aug 2005	581	646	46	845	0	845	3600.24	18926	11773	845
	Sep 2005	439	528	40	500	0	500	3600.13	18926	11762	500
	WY 2005	12668	11104	289	8136	93	8229				8284
	Oct 2005	502	669	36	500	0	500	3601.42	18936	11886	500
	Nov 2005	496	539	30	600	0	600	3600.55	18929	11802	600
	Dec 2005	396	483	25	600	0	600	3599.16	18918	11670	600
	Jan 2006	365	453	19	792	0	792	3595.64	18892	11339	792
	Feb 2006	379	440	17	723	0	723	3592.64	18869	11061	723
	Mar 2006	597	566	21	807	0	807	3589.97	18850	10818	807
	Apr 2006	887	736	24	600	0	600	3591.11	18858	10922	600
	May 2006	2074	1833	34	600	0	600	3602.93	18947	12032	600
	Jun 2006	2773	2432	41	800	0	800	3617.55	19065	13505	800
	Jul 2006	1402	1256	49	854	0	854	3620.65	19091	13832	854
	Aug 2006	552	664	51	854	0	854	3618.54	19073	13609	854
	Sep 2006	428	556	44	500	0	500	3618.65	19074	13620	500
	WY 2006	10851	10627	391	8230	0	8230				8230
	Oct 2006	557	651	39	600	0	600	3618.75	19075	13631	600
	Nov 2006	550	622	33	600	0	600	3618.65	19074	13620	600
	Dec 2006	439	573	27	800	0	800	3616.40	19055	13385	800
	Jan 2007	405	556	20	800	0	800	3614.03	19036	13140	800
	Feb 2007	417	535	19	800	0	800	3611.45	19015	12877	800
	Mar 2007	663	673	24	800	0	800	3610.07	19004	12738	800
	Apr 2007	985	856	27	800	0	800	3610.34	19006	12765	800

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Hoover Dam - Lake Mead

	Glen Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release CFS	SNWP Use 1000 Ac-Ft	Dwnstrm Reqmnts 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
* May 2004	595	43	54	1124	18.3	37	1121	931	1129.70	14324
H Jun 2004	802	-8	65	995	16.7	32	994	913	1126.93	14044
I Jul 2004	900	38	80	952	15.5	34	951	905	1125.73	13924
S Aug 2004	896	82	85	763	12.4	29	763	911	1126.67	14018
T Sep 2004	484	94	70	568	9.5	26	561	906	1125.86	13937
WY 2004	8232	572	669	9635		288	9581			
O Oct 2004	493	112	51	365	5.9	22	325	916	1127.43	14094
R Nov 2004	716	137	52	502	8.4	9	494	934	1130.13	14367
I Dec 2004	599	90	45	642	10.4	15	631	933	1130.01	14355
C Jan 2005	777	420	37	337	5.5	9	322	983	1137.40	15119
A Feb 2005	720	327	35	341	6.1	10	305	1023	1143.25	15739
L Mar 2005	803	190	40	428	7.0	13	340	1054	1147.66	16220
* Apr 2005	526	197	50	1024	17.2	24	963	1031	1144.45	15869
May 2005	605	141	57	1004	16.3	30	1004	1010	1141.43	15544
Jun 2005	800	82	68	1014	17.0	30	1014	996	1139.39	15328
Jul 2005	845	237	85	1030	16.8	30	1030	993	1138.83	15270
Aug 2005	845	96	90	930	15.1	30	930	986	1137.87	15168
Sep 2005	500	104	73	668	11.2	28	668	976	1136.38	15012
WY 2005	8229	2133	683	8285		250	8027			
Oct 2005	500	43	53	506	8.2	28	506	973	1135.99	14971
Nov 2005	600	39	53	655	11.0	25	655	967	1135.15	14884
Dec 2005	600	52	46	634	10.3	24	634	964	1134.67	14834
Jan 2006	792	65	37	681	11.1	13	681	972	1135.81	14953
Feb 2006	723	67	34	792	14.3	12	792	969	1135.38	14908
Mar 2006	807	59	38	1039	16.9	20	1039	955	1133.28	14690
Apr 2006	600	14	47	1116	18.8	25	1116	920	1127.99	14151
May 2006	600	29	53	981	15.9	32	981	893	1123.89	13741
Jun 2006	800	17	63	870	14.6	32	870	884	1122.48	13601
Jul 2006	854	49	79	863	14.0	32	863	880	1121.81	13536
Aug 2006	854	96	84	812	13.2	32	812	881	1122.03	13557
Sep 2006	500	104	69	644	10.8	30	645	873	1120.70	13426
WY 2006	8230	634	656	9593		305	9592			
Oct 2006	600	43	50	363	5.9	30	363	885	1122.60	13614
Nov 2006	600	39	50	703	11.8	21	703	877	1121.32	13487
Dec 2006	800	52	43	722	11.7	16	722	881	1122.00	13554
Jan 2007	800	65	35	675	11.0	12	675	890	1123.35	13688
Feb 2007	800	67	33	764	13.7	11	764	893	1123.92	13744
Mar 2007	800	59	36	1037	16.9	19	1037	879	1121.71	13525
Apr 2007	800	14	45	1081	18.2	24	1081	859	1118.45	13210

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Davis Dam - Lake Mohave

		Hoover Release 1000 Ac-Ft	Side inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Spill Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
*	May 2004	1124	-44	1032	0	1032	16.8	644.09	1729
H	Jun 2004	995	-24	1003	0	1003	16.8	642.91	1696
I	Jul 2004	952	-24	918	0	918	14.9	643.29	1707
S	Aug 2004	763	-26	740	0	740	12.0	643.20	1704
T	Sep 2004	568	-13	653	0	653	11.0	639.54	1605
	WY 2004	9635	-242	9425	0	9425			
O	Oct 2004	365	3	464	0	464	7.5	635.90	1509
R	Nov 2004	502	-18	480	0	480	8.1	636.02	1512
I	Dec 2004	642	-24	497	0	497	8.1	640.56	1633
C	Jan 2005	337	-9	302	0	302	4.9	641.53	1659
A	Feb 2005	341	-9	268	0	268	4.8	643.88	1723
L	Mar 2005	428	-24	437	0	437	7.1	642.64	1689
*	Apr 2005	1024	-33	970	0	970	16.3	643.36	1709
	May 2005	1004	-29	985	0	985	16.0	643.00	1699
	Jun 2005	1014	-28	986	0	986	16.6	643.00	1699
	Jul 2005	1030	-30	1040	0	1040	16.9	641.50	1658
	Aug 2005	930	-30	900	0	900	14.6	641.50	1658
	Sep 2005	668	-17	744	0	744	12.5	638.00	1564
	WY 2005	8285	-248	8073	0	8073			
	Oct 2005	506	-6	692	0	692	11.3	630.49	1371
	Nov 2005	655	-13	552	0	552	9.3	634.00	1460
	Dec 2005	634	-26	485	0	485	7.9	638.71	1583
	Jan 2006	681	-17	580	0	580	9.4	641.80	1666
	Feb 2006	792	-18	774	0	774	13.9	641.80	1666
	Mar 2006	1039	-31	986	0	986	16.0	642.60	1688
	Apr 2006	1116	-33	1072	0	1072	18.0	643.01	1699
	May 2006	981	-29	951	0	951	15.5	643.01	1699
	Jun 2006	870	-28	869	0	869	14.6	642.00	1671
	Jul 2006	863	-30	845	0	845	13.7	641.50	1658
	Aug 2006	812	-30	781	0	781	12.7	641.50	1658
	Sep 2006	644	-17	721	0	721	12.1	638.00	1564
	WY 2006	9593	-278	9308	0	9308			
	Oct 2006	363	-6	550	0	550	8.9	630.49	1371
	Nov 2006	703	-13	600	0	600	10.1	634.00	1460
	Dec 2006	722	-26	572	0	572	9.3	638.71	1583
	Jan 2007	675	-17	574	0	574	9.3	641.80	1666
	Feb 2007	764	-18	745	0	745	13.4	641.80	1666
	Mar 2007	1037	-31	971	0	971	15.8	643.05	1700
	Apr 2007	1081	-33	1049	0	1049	17.6	643.01	1699

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Parker Dam - Lake Havasu

		Davis Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	MWD Diversion 1000 Ac-Ft	CAP diversion 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft	Flow_to Mexico 1000 Ac-Ft	Flow_to Mexico 1000 CFS
*	May 2004	1032	-16	734	11.9	68	188	448.14	583	112	1.8
H	Jun 2004	1003	-24	739	12.4	69	165	448.39	587	109	1.8
I	Jul 2004	918	-23	731	11.9	52	104	448.77	595	121	2.0
S	Aug 2004	740	-17	654	10.6	43	45	447.70	574	98	1.6
T	Sep 2004	653	-1	525	8.8	42	70	448.47	589	94	1.6
	WY 2004	9425	-96	6801		722	1773			1540	
O	Oct 2004	464	22	420	6.8	40	3	449.60	611	112	1.8
R	Nov 2004	480	39	286	4.8	97	171	447.78	576	105	1.8
I	Dec 2004	497	20	237	3.9	106	189	446.96	560	129	2.1
C	Jan 2005	302	128	253	4.1	3	175	446.86	559	141	2.3
A	Feb 2005	268	170	270	4.9	45	68	449.70	613	153	2.8
L	Mar 2005	437	169	612	10.0	35	21	446.45	551	216	3.5
*	Apr 2005	970	-4	688	11.6	80	164	448.30	586	198	3.3
	May 2005	985	0	695	11.3	117	177	448.00	580	104	1.7
	Jun 2005	986	-13	726	12.2	82	154	448.51	590	109	1.8
	Jul 2005	1040	-7	768	12.5	85	189	448.00	580	122	2.0
	Aug 2005	900	-2	653	10.6	85	168	447.50	570	96	1.6
	Sep 2005	744	-6	557	9.4	55	139	446.81	557	89	1.5
	WY 2005	8073	516	6165		830	1618			1574	
	Oct 2005	692	-4	505	8.2	53	139	446.29	548	75	1.2
	Nov 2005	552	3	384	6.5	41	134	446.00	543	99	1.7
	Dec 2005	485	12	332	5.4	27	142	445.80	539	124	2.0
	Jan 2006	580	12	373	6.1	64	154	445.80	539	128	2.1
	Feb 2006	774	0	553	9.9	62	155	446.00	543	153	2.8
	Mar 2006	986	-8	733	11.9	76	156	446.70	555	204	3.3
	Apr 2006	1072	-8	768	12.9	82	176	448.71	594	198	3.3
	May 2006	951	0	676	11.0	76	180	449.60	611	109	1.8
	Jun 2006	869	-13	696	11.7	77	82	449.60	611	109	1.8
	Jul 2006	845	-7	704	11.4	83	82	448.00	580	119	1.9
	Aug 2006	781	-2	623	10.1	83	82	447.50	570	96	1.6
	Sep 2006	721	-6	565	9.5	80	82	446.81	557	89	1.5
	WY 2006	9308	-21	6912		804	1564			1503	
	Oct 2006	550	-4	478	7.8	77	0	446.31	548	75	1.2
	Nov 2006	600	3	350	5.9	77	182	446.00	543	99	1.7
	Dec 2006	572	12	338	5.5	75	175	445.80	539	122	2.0
	Jan 2007	574	12	373	6.1	59	154	445.80	539	128	2.1
	Feb 2007	745	0	552	9.9	33	156	446.00	543	153	2.8
	Mar 2007	971	-8	732	11.9	62	156	446.70	555	204	3.3
	Apr 2007	1049	-8	766	12.9	60	176	448.71	594	198	3.3

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Hoover Dam - Lake Mead

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Hoover Static Head Feet	Hoover Generator Capacity MW	Hoover Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	May 2004	1124	18.3	1129.70	14324	-542	0.00	1767.0	474.0	100	421.6
H	Jun 2004	995	16.7	1126.93	14044	-280	0.00	1731.0	410.2	100	412.2
I	Jul 2004	952	15.5	1125.73	13924	-120	0.00	1731.0	388.3	100	407.6
S	Aug 2004	763	12.4	1126.67	14018	94	0.00	1731.0	305.8	100	400.6
T	Sep 2004	568	9.5	1125.86	13937	-81	0.00	1731.0	221.5	100	390.1
	WY 2004	9635							4025.4		
O	Oct 2004	365	5.9	1127.43	14094	157	0.00	1298.0	134.7	75	369.3
R	Nov 2004	502	8.4	1130.13	14367	273	0.00	1194.0	201.0	69	400.6
I	Dec 2004	642	10.4	1130.01	14355	-12	0.00	1284.0	264.4	70	411.6
C	Jan 2005	337	5.5	1137.40	15119	764	0.00	1288.0	127.9	70	379.2
A	Feb 2005	341	6.1	1143.25	15739	620	0.00	1270.0	135.6	69	397.2
L	Mar 2005	428	7.0	1147.66	16220	481	0.00	1251.0	170.4	68	398.5
*	Apr 2005	1024	17.2	1144.45	15869	-351	0.00	1840.0	445.4	100	435.1
	May 2005	1004	16.3	1141.43	15544	-324	488.95	1844.0	432.2	100	430.4
	Jun 2005	1014	17.0	1139.39	15328	-216	486.55	1819.0	437.6	100	431.6
	Jul 2005	1030	16.8	1138.83	15270	-59	485.75	1819.0	442.9	100	429.8
	Aug 2005	930	15.1	1137.87	15168	-102	485.48	1783.0	401.2	100	431.2
	Sep 2005	668	11.2	1136.38	15012	-156	485.40	1777.0	282.7	100	423.1
	WY 2005	8286							3476.1		
	Oct 2005	506	8.2	1135.99	14971	-41	488.70	1439.4	216.6	81	428.4
	Nov 2005	655	11.0	1135.15	14884	-87	491.89	1226.1	283.3	69	432.9
	Dec 2005	634	10.3	1134.67	14834	-49	489.53	1119.5	276.0	63	435.2
	Jan 2006	681	11.1	1135.81	14953	118	486.64	1226.1	292.5	69	429.6
	Feb 2006	792	14.3	1135.38	14908	-45	486.09	1208.4	352.4	68	445.1
	Mar 2006	1039	16.9	1133.28	14690	-217	484.56	1199.5	458.9	68	441.5
	Apr 2006	1116	18.8	1127.99	14151	-539	476.94	1733.0	480.6	100	430.4
	May 2006	981	15.9	1123.89	13741	-410	472.13	1689.0	415.9	100	424.2
	Jun 2006	870	14.6	1122.48	13601	-139	469.72	1689.0	363.0	100	417.2
	Jul 2006	863	14.0	1121.81	13536	-66	469.18	1689.0	365.6	100	423.9
	Aug 2006	812	13.2	1122.03	13557	21	469.12	1689.0	341.5	100	420.7
	Sep 2006	644	10.8	1120.70	13426	-131	469.71	1689.0	264.0	100	409.6
	WY 2006	9592							4110.4		
	Oct 2006	363	5.9	1122.60	13614	187	474.21	1368.1	144.3	81	396.9
	Nov 2006	703	11.8	1121.32	13487	-126	478.31	1165.4	300.5	69	427.7
	Dec 2006	722	11.7	1122.00	13554	67	476.31	1064.1	308.9	63	428.0
	Jan 2007	675	11.0	1123.35	13688	134	474.11	1165.4	283.6	69	419.9
	Feb 2007	764	13.7	1123.92	13744	56	474.17	1148.5	331.2	68	433.8
	Mar 2007	1037	16.9	1121.71	13525	-219	472.93	1148.5	447.9	68	432.0
	Apr 2007	1081	18.2	1118.45	13210	-315	466.28	1689.0	454.0	100	420.0

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Davis Dam - Lake Mohave

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Davis Static Head Feet	Davis Generator Capacity MW	Davis Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	May 2004	1032	16.8	644.09	1729	48	0.00	255.0	130.0	100	126.0
H	Jun 2004	1003	16.8	642.91	1696	-32	0.00	255.0	119.7	100	119.4
I	Jul 2004	918	14.9	643.29	1707	10	0.00	255.0	114.1	100	124.3
S	Aug 2004	740	12.0	643.20	1704	-2	0.00	255.0	92.3	100	124.7
T	Sep 2004	653	11.0	639.54	1605	-99	0.00	255.0	81.2	100	124.2
	WY 2004	9425							1164.1		
O	Oct 2004	464	7.5	635.90	1509	-96	0.00	204.0	56.7	80	122.3
R	Nov 2004	480	8.1	636.02	1512	3	0.00	196.0	57.9	77	120.5
I	Dec 2004	497	8.1	640.56	1633	120	0.00	173.0	61.7	68	124.1
C	Jan 2005	302	4.9	641.53	1659	26	0.00	163.0	37.7	64	124.9
A	Feb 2005	268	4.8	643.88	1723	64	0.00	189.0	33.0	74	123.2
L	Mar 2005	437	7.1	642.64	1689	-34	0.00	209.0	56.1	82	128.3
*	Apr 2005	970	16.3	643.36	1709	20	0.00	255.0	122.9	100	126.7
	May 2005	985	16.0	643.00	1699	-10	136.22	255.0	123.2	100	125.1
	Jun 2005	986	16.6	643.00	1699	0	136.04	255.0	123.0	100	124.8
	Jul 2005	1040	16.9	641.50	1658	-41	135.25	255.0	129.0	100	124.0
	Aug 2005	900	14.6	641.50	1658	0	134.46	255.0	111.6	100	124.0
	Sep 2005	744	12.5	638.00	1564	-94	132.63	255.0	91.7	100	123.2
	WY 2005	8073							1004.4		
	Oct 2005	692	11.3	630.49	1371	-193	128.32	204.0	82.1	80	118.6
	Nov 2005	552	9.3	634.00	1460	89	126.46	196.3	64.9	77	117.6
	Dec 2005	485	7.9	638.71	1583	123	131.54	173.4	59.1	68	121.8
	Jan 2006	580	9.4	641.80	1666	83	135.97	163.2	72.3	64	124.7
	Feb 2006	774	13.9	641.80	1666	0	136.69	188.7	96.3	74	124.5
	Mar 2006	986	16.0	642.60	1688	22	136.48	209.1	122.5	82	124.2
	Apr 2006	1072	18.0	643.01	1699	11	135.84	255.0	133.1	100	124.2
	May 2006	951	15.5	643.01	1699	0	136.05	255.0	119.0	100	125.1
	Jun 2006	869	14.6	642.00	1671	-28	135.52	255.0	108.6	100	124.9
	Jul 2006	845	13.7	641.50	1658	-14	134.73	255.0	105.3	100	124.5
	Aug 2006	781	12.7	641.50	1658	0	134.46	255.0	97.4	100	124.7
	Sep 2006	721	12.1	638.00	1564	-94	132.63	255.0	88.9	100	123.3
	WY 2006	9308							1149.5		
	Oct 2006	550	8.9	630.49	1371	-193	128.32	204.0	65.7	80	119.5
	Nov 2006	600	10.1	634.00	1460	89	126.46	196.3	70.4	77	117.3
	Dec 2006	572	9.3	638.71	1583	123	131.54	173.4	69.4	68	121.3
	Jan 2007	574	9.3	641.80	1666	83	135.97	163.2	71.7	64	124.8
	Feb 2007	745	13.4	641.80	1666	0	136.69	188.7	93.0	74	124.7
	Mar 2007	971	15.8	643.05	1700	34	136.71	209.1	120.9	82	124.5
	Apr 2007	1049	17.6	643.01	1699	-1	136.08	255.0	130.6	100	124.5

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Parker Dam - Lake Havasu

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Parker Static Head Feet	Parker Generator Capacity MW	Parker Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	May 2004	734	11.9	448.14	583	24	0.00	120.0	50.3	100	68.5
H	Jun 2004	739	12.4	448.39	587	5	0.00	120.0	49.5	100	67.0
I	Jul 2004	731	11.9	448.77	595	7	0.00	120.0	49.4	100	67.6
S	Aug 2004	654	10.6	447.70	574	-20	0.00	120.0	44.3	100	67.7
T	Sep 2004	525	8.8	448.47	589	15	0.00	120.0	35.7	100	68.0
	WY 2004	6802							458.3		
O	Oct 2004	420	6.8	449.60	611	22	0.00	90.0	28.8	75	68.6
R	Nov 2004	286	4.8	447.78	576	-35	0.00	90.0	19.1	75	66.7
I	Dec 2004	237	3.9	446.96	560	-15	0.00	90.0	15.0	75	63.4
C	Jan 2005	253	4.1	446.86	559	-2	0.00	90.0	16.2	75	64.2
A	Feb 2005	270	4.9	449.70	613	54	0.00	90.0	17.7	75	65.6
L	Mar 2005	612	10.0	446.45	551	-62	0.00	92.0	45.8	77	74.8
*	Apr 2005	688	11.6	448.30	586	35	0.00	120.0	39.7	100	57.7
	May 2005	695	11.3	448.00	580	-6	75.52	120.0	45.9	100	66.1
	Jun 2005	726	12.2	448.51	590	10	75.62	120.0	48.1	100	66.3
	Jul 2005	768	12.5	448.00	580	-10	75.62	120.0	50.9	100	66.3
	Aug 2005	653	10.6	447.50	570	-10	75.13	120.0	42.9	100	65.6
	Sep 2005	557	9.4	446.81	557	-13	74.86	112.8	36.3	94	65.2
	WY 2005	6166							406.5		
	Oct 2005	505	8.2	446.29	548	-9	75.24	92.4	33.0	77	65.4
	Nov 2005	384	6.5	446.00	543	-5	74.79	93.6	24.7	78	64.3
	Dec 2005	332	5.4	445.80	539	-4	74.07	103.2	21.0	86	63.1
	Jan 2006	373	6.1	445.80	539	0	74.64	90.0	23.9	75	64.1
	Feb 2006	553	9.9	446.00	543	4	74.74	90.0	36.2	75	65.5
	Mar 2006	733	11.9	446.70	555	13	75.17	90.0	48.6	75	66.2
	Apr 2006	768	12.9	448.71	594	38	75.09	120.0	50.6	100	66.0
	May 2006	676	11.0	449.60	611	18	76.49	120.0	45.1	100	66.7
	Jun 2006	696	11.7	449.60	611	0	76.93	120.0	46.8	100	67.2
	Jul 2006	704	11.4	448.00	580	-31	76.15	120.0	46.8	100	66.6
	Aug 2006	623	10.1	447.50	570	-10	75.13	120.0	40.8	100	65.5
	Sep 2006	565	9.5	446.81	557	-13	74.86	112.8	36.9	94	65.3
	WY 2006	6913							454.5		
	Oct 2006	478	7.8	446.31	548	-9	75.25	92.4	31.2	77	65.2
	Nov 2006	350	5.9	446.00	543	-6	74.80	93.6	22.4	78	64.0
	Dec 2006	338	5.5	445.80	539	-4	74.07	103.2	21.4	86	63.2
	Jan 2007	373	6.1	445.80	539	0	74.64	90.0	23.9	75	64.1
	Feb 2007	552	9.9	446.00	543	4	74.74	90.0	36.2	75	65.5
	Mar 2007	732	11.9	446.70	555	13	75.17	90.0	48.5	75	66.2
	Apr 2007	766	12.9	448.71	594	38	75.09	120.0	50.6	100	66.0

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Upper Basin Power

		Glen Canyon 1000 MWHR	Flam Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Res 1000 MWHR	Font Res 1000 MWHR
*	May 2004	239	37	9	16	0	4
H	Jun 2004	324	20	16	22	0	5
I	Jul 2004	360	20	28	34	0	8
S	Aug 2004	354	21	28	33	0	7
T	Sep 2004	188	20	24	31	0	2
	Summer 2004	1465	118	104	136	0	26
O	Oct 2004	191	16	16	19	7	4
R	Nov 2004	242	16	3	6	0	5
I	Dec 2004	230	16	6	9	1	6
C	Jan 2005	296	18	8	11	5	6
A	Feb 2005	272	19	12	15	3	5
L	Mar 2005	301	20	19	24	14	5
	Winter 2005	1532	106	64	84	31	30
*	Apr 2005	197	20	28	40	22	6
	May 2005	224	49	19	35	23	8
	Jun 2005	308	81	18	30	22	9
	Jul 2005	333	27	32	39	22	8
	Aug 2005	334	27	36	42	22	6
	Sep 2005	198	26	32	39	20	3
	Summer 2005	1593	230	166	225	131	41
	Oct 2005	197	27	25	30	16	5
	Nov 2005	237	26	16	20	10	6
	Dec 2005	237	27	19	24	12	6
	Jan 2006	311	27	20	25	13	6
	Feb 2006	282	24	17	23	12	5
	Mar 2006	313	27	19	26	14	5
	Winter 2006	1577	158	117	147	76	32
	Apr 2006	232	26	21	30	17	5
	May 2006	236	53	17	30	23	9
	Jun 2006	323	88	14	24	21	9
	Jul 2006	351	41	31	37	22	10
	Aug 2006	351	41	35	41	22	8
	Sep 2006	205	39	32	38	20	7
	Summer 2006	1698	288	150	202	125	46
	Oct 2006	246	42	25	30	16	7
	Nov 2006	246	41	16	19	10	7
	Dec 2006	327	42	23	29	15	7
	Jan 2007	326	42	28	36	18	6
	Feb 2007	325	38	25	33	12	6
	Mar 2007	324	42	26	35	18	7
	Winter 2007	1794	248	143	182	89	39
	Apr 2007	323	41	26	38	21	7

BUREAU OF RECLAMATION - CRFS 5/2005 MOST PROB WATER SUPPLY JOB STARTED:Thur MAY 12 8:15:1 2005

model_run_id = 1463

FLOOD CONTROL CRITERIA
BEGINNING OF MONTH CONDITIONS

MON	YEAR	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	LAKE POWELL KAF	UPPER BASIN TOTAL KAF	LAKE MEAD KAF	TOTAL KAF	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	TOT OR MAX ALLOW KAF	LAKE POWELL KAF	LAKE MEAD KAF	TOTAL KAF	BOM SPACE REQD KAF	MEAD SCHED REL KAF	MEAD FC REL KAF	SYS CONT MAF
		* * * * PREDICTED SPACE * * * *										* * * * EFFECTIVE SPACE * * * *							
MAY	2005	1010	452	295	15782	17538	11511	29050	478	452	295	1225	15782	11511	28518	1500	1004	0	33.2
JUN	2005	896	285	119	14436	15736	11836	27572	353	279	119	752	14436	11836	27024	1500	1014	0	35.3
JUL	2005	688	54	40	12726	13508	12052	25560	128	23	40	192	12726	12052	24970	1500	1030	0	35.7
												* * * * CREDITABLE SPACE * * * *							
AUG	2005	576	27	16	12320	12940	12110	25050	576	27	16	620	12320	12110	25050	1500	930	0	35.3
SEP	2005	576	70	28	12547	13221	12212	25433	576	70	28	674	12547	12212	25433	2270	668	0	35.0
OCT	2005	603	132	10	12558	13304	12368	25671	603	132	10	746	12558	12368	25671	3040	506	0	34.7
NOV	2005	626	180	112	12434	13352	12409	25761	626	180	112	918	12434	12409	25761	3810	655	0	34.5
DEC	2005	652	205	113	12518	13488	12496	25984	652	205	113	970	12518	12496	25984	4580	634	0	34.4
JAN	2006	692	248	121	12650	13710	12546	26255	692	248	121	1060	12650	12546	26255	5350	681	0	34.2
												* * * * EFFECTIVE SPACE * * * *							
JAN	2006	692	248	121	12650	13710	12546	26255	473	248	121	841	12650	12546	26036	5350	681	0	34.2
FEB	2006	727	294	131	12981	14133	12427	26560	505	294	131	930	12981	12427	26339	1500	792	0	33.8
MAR	2006	752	334	132	13259	14477	12472	26949	527	334	132	993	13259	12472	26724	1500	1039	0	33.4
APR	2006	734	371	93	13502	14700	12690	27390	504	370	93	968	13502	12690	27160	1500	1116	0	33.1
MAY	2006	672	376	18	13398	14464	13229	27694	434	376	13	823	13398	13229	27451	1500	981	0	34.0
JUN	2006	554	245	66	12288	13154	13639	26793	305	239	26	571	12288	13639	26498	1500	870	0	35.7
JUL	2006	386	50	148	10815	11398	13779	25177	122	23	60	205	10815	13779	24799	1500	863	0	36.0
												* * * * CREDITABLE SPACE * * * *							
AUG	2006	282	27	140	10488	10938	13844	24782	282	27	140	450	10488	13844	24782	1500	812	0	35.7
SEP	2006	311	70	163	10711	11255	13823	25078	311	70	163	544	10711	13823	25078	2270	644	0	35.3
OCT	2006	371	131	160	10700	11361	13954	25315	371	131	160	662	10700	13954	25315	3040	363	0	35.2
NOV	2006	429	171	158	10689	11447	13766	25213	429	171	158	758	10689	13766	25213	3810	703	0	35.1
DEC	2006	488	193	158	10700	11539	13893	25432	488	193	158	839	10700	13893	25432	4580	722	0	34.9
JAN	2007	565	248	165	10935	11912	13826	25739	565	248	165	977	10935	13826	25739	5350	675	0	34.7
												* * * * EFFECTIVE SPACE * * * *							
JAN	2007	565	248	165	10935	11912	13826	25739	365	248	165	777	10935	13826	25539	5350	675	0	34.7
FEB	2007	636	319	174	11180	12309	13692	26002	435	319	174	928	11180	13692	25800	1500	764	0	34.4
MAR	2007	694	382	173	11443	12692	13636	26328	490	382	173	1045	11443	13636	26124	1500	1037	0	34.1
APR	2007	705	437	125	11582	12849	13855	26704	497	437	125	1059	11582	13855	26496	1500	1081	0	33.9

To: All Annual Operating Plan Recipients

From: Lower Colorado Region
Boulder Canyon Operations Office
River Operations Group
Attention: BCOO4600
P.O. Box 61470
Boulder City, NV 89006-1470
Phone: 702-293-8190

This operation study reflects the 2006 Annual Operating Plan (AOP) as signed by the Secretary of the Interior. The Partial Domestic Surplus condition is the criterion governing the operation of Lake Mead for calendar year 2006. A copy of the 2006 AOP can be obtained by contacting Lorraine Siano, (702)293-8539 or visit our website at www.usbr.gov/lc/riverops.html.

In this study, the Calendar Year (CY) 2006 diversion for Metropolitan Water District of Southern California (MWD) is forecasted to be 0.638 million acre-feet (maf). The CY 2005 diversion for the Central Arizona Project (CAP) is forecasted to be 1.574 maf. Consumptive use for Nevada above Hoover is forecasted to be 0.283 maf for CY 2006.

At this time, preliminary estimates for water demand schedules for CY 2006 in the Lower Basin do not reflect Partial Domestic schedules. This does not preclude any entity entitled to a Partial Domestic Surplus from requesting it at a later time in CY 2006. Lake Mead's elevation is projected to be 1130.44 feet at the end of CY 2006. According to the Interim Surplus Guidelines, when Lake Mead's elevation is projected to be between elevation 1125 feet and 1145 feet on January 1, the Partial Domestic Surplus will be the criterion governing the operation of Lake Mead. However, for the time being, this model uses preliminary estimates of normal water demands for CY 2007.

Due to declining Lake Mead elevations, Hoover's generator capacity is adjusted based on estimated effective capacity and plant availability. The estimated effective capacity is based on projected Lake Mead elevations. Unit capacity tests will be performed as lake elevation changes in 2' increments. This study reflects these changes in the projections.

Current runoff projections into Lake Powell are provided by the National Weather Service, Colorado Basin River Forecast Center and are as follows: observed unregulated inflow into Lake Powell for the month of December was 0.360 maf or 83% of the 30 year average. The forecast for the month of January unregulated inflow into Lake Powell is 0.375 maf or 93% of the 30 year average. The projected April through July unregulated inflow for water year 2006 is 8.5 maf or 107% of average. The observed unregulated inflow into Lake Powell for water year 2005 is 105% of average.

Hoover, Davis, and Parker historical gross energy figures come from form PO&M from the Power and O&M Group, Boulder Canyon Operations, Bureau of Reclamation, Boulder City, Nevada. Questions regarding these historical numbers can be directed to Joe Donnelly, (702)293-8607.

(Note: lower basin previous months historical SNWS and flow to Mexico values are preliminary estimates.)

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Fontenelle Reservoir

	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
* Jan 2005	36	1	73	2	75	6483.52	187
H Feb 2005	28	0	67	0	67	6476.27	148
I Mar 2005	65	1	72	2	74	6474.16	138
S Apr 2005	125	1	87	1	88	6481.27	174
T May 2005	235	2	103	56	159	6493.07	249
O Jun 2005	322	2	100	206	306	6495.06	263
R Jul 2005	162	2	95	34	129	6499.17	293
I Aug 2005	59	2	74	0	74	6496.81	275
C Sep 2005	33	2	38	23	61	6492.57	245
WY 2005	1203	16	891	340	1231		
A Oct 2005	41	1	0	57	57	6490.01	228
L Nov 2005	38	1	48	4	52	6487.79	213
* Dec 2005	31	1	54	0	54	6483.98	190
Jan 2006	28	1	54	0	54	6479.35	163
Feb 2006	30	1	49	0	49	6475.54	144
Mar 2006	50	0	65	0	65	6472.10	128
Apr 2006	99	1	89	0	89	6474.03	137
May 2006	208	1	100	68	168	6481.67	176
Jun 2006	378	2	102	160	262	6498.80	290
Jul 2006	226	3	102	79	181	6504.26	332
Aug 2006	83	2	94	0	94	6502.60	319
Sep 2006	48	2	56	13	69	6499.55	296
WY 2006	1260	16	813	381	1194		
Oct 2006	47	1	61	7	68	6496.58	274
Nov 2006	39	1	65	0	65	6492.74	247
Dec 2006	30	1	68	0	68	6486.95	208
Jan 2007	28	1	68	0	68	6480.22	168
Feb 2007	26	0	61	0	61	6473.03	132
Mar 2007	47	0	75	0	75	6466.25	104
Apr 2007	84	1	89	0	89	6464.74	98
May 2007	176	1	97	14	111	6479.07	162
Jun 2007	320	2	102	88	190	6498.78	290
Jul 2007	192	3	101	36	137	6505.57	342
Aug 2007	83	2	92	0	92	6504.12	331
Sep 2007	48	2	51	16	67	6501.38	309
WY 2007	1120	15	930	161	1091		
Oct 2007	47	1	63	2	65	6498.77	290
Nov 2007	39	1	65	0	65	6495.03	263
Dec 2007	30	1	68	0	68	6489.34	224

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Flaming Gorge Reservoir

	Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Yampa Flow 1000 Ac-Ft	Jensen Flow 1000 Ac-Ft
* Jan 2005	43	81	2	56	0	56	74	6013.81	2767	0	116
H Feb 2005	39	78	2	55	0	55	74	6014.39	2786	0	101
I Mar 2005	122	134	3	60	0	60	77	6016.39	2854	0	125
S Apr 2005	158	122	5	59	0	59	79	6018.01	2910	0	274
T May 2005	346	273	7	169	13	182	82	6020.29	2990	0	698
O Jun 2005	417	401	10	193	1	194	90	6025.53	3180	0	716
R Jul 2005	191	154	13	99	0	99	92	6026.61	3220	0	230
I Aug 2005	70	84	12	86	0	86	91	6026.23	3206	0	115
C Sep 2005	36	64	10	84	0	84	90	6025.45	3177	0	105
WY 2005	1589	1617	75	1009	14	1023					2770
A Oct 2005	47	64	7	86	0	86	89	6024.68	3148	0	129
L Nov 2005	37	50	4	83	0	83	87	6023.71	3113	0	129
* Dec 2005	32	55	2	86	0	86	86	6022.85	3082	0	125
Jan 2006	40	66	2	86	0	86	85	6022.26	3060	0	86
Feb 2006	45	64	2	78	0	78	85	6021.83	3045	0	78
Mar 2006	100	115	3	86	0	86	86	6022.54	3070	0	86
Apr 2006	169	160	5	107	0	107	87	6023.82	3117	0	107
May 2006	326	285	8	169	0	169	91	6026.66	3222	0	169
Jun 2006	506	390	10	246	0	246	95	6030.06	3351	0	246
Jul 2006	279	234	14	114	0	114	98	6032.71	3455	0	114
Aug 2006	97	108	13	114	0	114	98	6032.24	3436	0	114
Sep 2006	59	80	11	108	2	110	97	6031.22	3396	0	110
WY 2006	1737	1671	81	1363	2	1365					1493
Oct 2006	59	80	7	114	0	114	95	6030.18	3356	0	114
Nov 2006	50	76	4	110	0	110	94	6029.25	3320	0	110
Dec 2006	36	74	2	114	0	114	93	6028.19	3280	0	114
Jan 2007	41	81	2	114	0	114	92	6027.30	3246	0	114
Feb 2007	45	80	2	103	0	103	91	6026.66	3222	0	103
Mar 2007	97	125	3	98	0	98	92	6027.27	3245	0	98
Apr 2007	141	146	5	95	0	95	93	6028.45	3290	0	95
May 2007	273	208	8	159	0	159	94	6029.49	3329	0	159
Jun 2007	423	293	11	207	0	207	97	6031.37	3402	0	207
Jul 2007	233	178	14	111	0	111	98	6032.68	3454	0	111
Aug 2007	97	106	13	111	0	111	98	6032.25	3437	0	111
Sep 2007	59	78	11	101	0	101	97	6031.40	3404	0	101
WY 2007	1554	1525	82	1437	0	1437					1437
Oct 2007	59	77	7	105	0	105	96	6030.55	3370	0	105
Nov 2007	50	76	4	101	0	101	95	6029.84	3343	0	101
Dec 2007	36	74	2	105	0	105	94	6029.01	3311	0	105

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Taylor Park Reservoir

		Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Jan 2005	5	3	9308.68	68
H	Feb 2005	4	3	9309.03	68
I	Mar 2005	4	3	9309.07	68
S	Apr 2005	7	6	9309.85	70
T	May 2005	25	14	9316.43	81
O	Jun 2005	35	19	9324.73	96
R	Jul 2005	15	21	9321.55	90
I	Aug 2005	9	20	9315.55	79
C	Sep 2005	7	15	9310.59	71
	WY 2005	124	117		
A	Oct 2005	8	7	9311.04	72
L	Nov 2005	5	4	9311.31	72
*	Dec 2005	4	5	9311.26	72
	Jan 2006	4	3	9311.76	73
	Feb 2006	3	3	9312.00	73
	Mar 2006	5	6	9311.29	72
	Apr 2006	9	18	9305.71	63
	May 2006	30	22	9311.13	72
	Jun 2006	51	24	9326.02	98
	Jul 2006	25	22	9327.39	101
	Aug 2006	9	21	9321.27	89
	Sep 2006	6	16	9315.90	80
	WY 2006	159	151		
	Oct 2006	6	10	9313.48	76
	Nov 2006	5	3	9314.44	77
	Dec 2006	4	3	9315.08	78
	Jan 2007	4	3	9315.61	79
	Feb 2007	3	3	9315.84	80
	Mar 2007	4	4	9315.78	79
	Apr 2007	8	12	9313.18	75
	May 2007	25	20	9315.90	80
	Jun 2007	41	20	9327.23	101
	Jul 2007	20	20	9327.23	101
	Aug 2007	9	20	9321.64	90
	Sep 2007	6	16	9316.30	80
	WY 2007	135	134		
	Oct 2007	6	10	9313.90	76
	Nov 2007	5	3	9314.85	78
	Dec 2007	4	3	9315.49	79

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Blue Mesa Reservoir

	Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir elevation EOM Feet	Live Storage 1000 Ac-Ft
* Jan 2005	23	22	0	27	0	27	7477.11	486
H Feb 2005	20	19	0	44	0	44	7473.39	461
I Mar 2005	27	27	0	66	0	66	7467.30	421
S Apr 2005	63	61	1	104	0	104	7460.89	377
T May 2005	195	185	1	90	0	90	7475.73	471
O Jun 2005	231	215	1	61	0	61	7496.06	624
R Jul 2005	99	105	1	80	0	80	7498.38	648
I Aug 2005	53	64	1	81	0	81	7496.16	630
C Sep 2005	25	34	1	75	0	75	7490.91	588
WY 2005	811	807	6	719	0	719		
A Oct 2005	42	42	1	53	0	53	7489.34	576
L Nov 2005	27	27	0	22	0	22	7489.89	580
* Dec 2005	25	25	0	24	0	24	7489.99	581
Jan 2006	22	21	0	39	0	39	7487.62	563
Feb 2006	20	20	0	61	0	61	7482.09	521
Mar 2006	40	41	0	123	0	123	7470.48	439
Apr 2006	80	89	1	105	0	105	7467.96	422
May 2006	232	223	1	92	0	92	7486.23	552
Jun 2006	311	284	1	62	0	62	7513.14	773
Jul 2006	142	140	2	109	0	109	7516.41	803
Aug 2006	59	71	1	119	0	119	7510.83	753
Sep 2006	33	43	1	119	0	119	7501.79	676
WY 2006	1033	1026	8	928	0	928		
Oct 2006	33	37	1	75	0	75	7497.10	638
Nov 2006	29	27	0	44	0	44	7495.01	621
Dec 2006	23	22	0	61	0	61	7490.03	582
Jan 2007	23	22	0	68	0	68	7484.00	536
Feb 2007	21	21	0	61	0	61	7478.47	495
Mar 2007	32	32	0	63	0	63	7474.06	464
Apr 2007	68	72	1	71	0	71	7474.23	465
May 2007	196	191	1	61	0	61	7491.65	594
Jun 2007	263	242	1	47	0	47	7514.77	788
Jul 2007	121	121	2	105	0	105	7516.38	802
Aug 2007	59	70	1	119	0	119	7510.69	752
Sep 2007	33	43	1	111	0	111	7502.55	682
WY 2007	901	900	8	886	0	886		
Oct 2007	33	37	1	75	0	75	7497.88	644
Nov 2007	29	27	0	45	0	45	7495.67	626
Dec 2007	23	22	0	67	0	67	7490.00	581

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Morrow Point Reservoir

	Unreg Inflow 1000 Ac-Ft	Blue_Mesa Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Evap losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
* Jan 2005	24	27	2	29	0	30	0	30	7149.07	108
H Feb 2005	22	44	2	46	0	44	0	44	7152.16	111
I Mar 2005	30	66	3	69	0	69	0	69	7152.11	111
S Apr 2005	69	104	6	110	0	114	0	114	7147.31	107
T May 2005	211	90	16	106	0	104	0	104	7150.38	109
O Jun 2005	243	61	12	73	0	69	0	69	7155.14	113
R Jul 2005	102	80	3	82	0	84	0	84	7152.40	111
I Aug 2005	55	81	2	82	0	81	0	81	7153.94	112
C Sep 2005	27	75	2	77	0	77	0	77	7153.57	112
WY 2005	862	719	51	769	0	767	0	767		
A Oct 2005	44	53	2	55	0	55	0	55	7153.59	112
L Nov 2005	29	22	1	24	0	23	0	23	7153.83	112
* Dec 2005	27	24	2	26	0	28	0	28	7151.89	111
Jan 2006	24	39	2	41	0	40	0	40	7153.73	112
Feb 2006	23	61	3	64	0	64	0	64	7153.73	112
Mar 2006	44	123	4	127	0	127	0	127	7153.73	112
Apr 2006	91	105	11	116	0	116	0	116	7153.73	112
May 2006	263	92	31	123	0	123	0	123	7153.73	112
Jun 2006	336	62	25	87	0	87	0	87	7153.73	112
Jul 2006	151	109	8	117	0	117	0	117	7153.73	112
Aug 2006	61	119	2	121	0	121	0	121	7153.73	112
Sep 2006	35	119	2	120	0	121	0	121	7153.73	112
WY 2006	1128	928	93	1021	0	1022	0	1022		
Oct 2006	35	75	2	77	0	77	0	77	7153.73	112
Nov 2006	31	44	2	46	0	46	0	46	7153.73	112
Dec 2006	25	61	2	63	0	63	0	63	7153.73	112
Jan 2007	24	68	1	69	0	69	0	69	7153.73	112
Feb 2007	23	61	2	63	0	63	0	63	7153.73	112
Mar 2007	35	63	3	66	0	66	0	66	7153.73	112
Apr 2007	77	71	9	79	0	80	0	80	7153.73	112
May 2007	222	61	26	87	0	87	0	87	7153.73	112
Jun 2007	284	47	21	68	0	68	0	68	7153.73	112
Jul 2007	127	105	6	111	0	111	0	111	7153.73	112
Aug 2007	61	119	2	121	0	121	0	121	7153.73	112
Sep 2007	35	111	2	113	0	113	0	113	7153.73	112
WY 2007	979	886	78	963	0	964	0	964		
Oct 2007	35	75	2	77	0	77	0	77	7153.73	112
Nov 2007	31	45	2	47	0	47	0	47	7153.73	112
Dec 2007	25	67	2	68	0	69	0	69	7153.73	112

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Crystal Reservoir

	unreg Inflow 1000 Ac-Ft	Morrow Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Tunnel Flow 1000 Ac-Ft	Below_tunnel Flow 1000 Ac-Ft
* Jan 2005	28	30	4	34	34	0	34	6752.58	17	0	35
H Feb 2005	25	44	3	47	20	29	49	6745.43	15	0	52
I Mar 2005	34	69	4	73	72	0	72	6746.97	15	4	75
S Apr 2005	75	114	6	121	119	0	119	6753.63	17	40	82
T May 2005	232	104	21	124	125	0	125	6750.59	16	53	74
O Jun 2005	263	69	20	90	89	0	89	6751.33	16	53	42
R Jul 2005	108	84	6	91	92	0	92	6745.19	15	61	35
I Aug 2005	59	81	4	86	72	15	87	6740.44	13	58	34
C Sep 2005	31	77	4	81	81	0	81	6741.41	14	54	30
WY 2005	943	767	81	851	754	98	852			346	543
A Oct 2005	49	55	4	60	59	0	59	6746.34	15	37	26
L Nov 2005	32	23	3	27	19	7	26	6748.19	16	1	26
* Dec 2005	31	28	4	31	31	0	31	6749.98	16	0	30
Jan 2006	28	40	4	44	43	0	43	6753.04	17	0	43
Feb 2006	28	64	5	69	69	0	69	6753.04	17	0	69
Mar 2006	50	127	6	133	133	0	133	6753.04	17	5	128
Apr 2006	104	116	13	129	129	0	129	6753.04	17	30	99
May 2006	300	123	37	160	134	26	160	6753.04	17	55	105
Jun 2006	379	87	43	130	130	0	130	6753.04	17	60	70
Jul 2006	167	117	17	134	134	0	134	6753.04	17	65	69
Aug 2006	74	121	13	134	134	0	134	6753.04	17	65	69
Sep 2006	44	121	9	129	130	0	130	6753.04	17	55	75
WY 2006	1286	1022	158	1180	1145	33	1178			373	809
Oct 2006	42	77	7	84	84	0	84	6753.04	17	30	54
Nov 2006	36	46	5	51	51	0	51	6753.04	17	0	51
Dec 2006	30	63	5	68	68	0	68	6753.04	17	0	68
Jan 2007	29	69	5	74	74	0	74	6753.04	17	0	74
Feb 2007	27	63	4	67	67	0	67	6753.04	17	0	67
Mar 2007	42	66	7	73	73	0	73	6753.04	17	5	68
Apr 2007	94	80	17	97	97	0	97	6753.04	17	30	67
May 2007	269	87	47	134	134	0	134	6753.04	17	55	79
Jun 2007	340	68	56	124	124	0	124	6753.04	17	60	64
Jul 2007	150	111	23	134	134	0	134	6753.04	17	65	69
Aug 2007	74	121	13	134	134	0	134	6753.04	17	65	69
Sep 2007	44	113	9	122	122	0	122	6753.04	17	55	67
WY 2007	1177	964	198	1162	1162	0	1162			365	797
Oct 2007	42	77	7	84	84	0	84	6753.04	17	30	54
Nov 2007	36	47	5	52	52	0	52	6753.04	17	0	52
Dec 2007	30	69	5	73	74	0	74	6753.04	17	0	73

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Vallecito Reservoir

		Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Jan 2005	10	11	7644.99	75
H	Feb 2005	8	27	7635.91	56
I	Mar 2005	13	34	7624.13	35
S	Apr 2005	42	33	7629.23	43
T	May 2005	116	79	7646.84	80
O	Jun 2005	101	56	7664.29	124
R	Jul 2005	37	46	7660.98	115
I	Aug 2005	19	38	7653.39	95
C	Sep 2005	16	31	7646.77	79
	WY 2005	402	384		
A	Oct 2005	30	25	7648.75	84
L	Nov 2005	10	13	7647.21	80
*	Dec 2005	6	10	7645.38	76
	Jan 2006	5	5	7645.38	76
	Feb 2006	5	5	7645.42	76
	Mar 2006	7	5	7646.42	79
	Apr 2006	16	5	7651.02	90
	May 2006	51	33	7658.08	107
	Jun 2006	62	47	7663.95	123
	Jul 2006	26	43	7657.67	106
	Aug 2006	17	37	7649.65	86
	Sep 2006	14	26	7644.68	75
	WY 2006	249	254		
	Oct 2006	13	10	7645.82	77
	Nov 2006	8	4	7647.80	82
	Dec 2006	5	3	7648.60	84
	Jan 2007	5	5	7648.39	83
	Feb 2007	5	5	7648.18	83
	Mar 2007	7	5	7649.11	85
	Apr 2007	19	12	7651.97	92
	May 2007	60	40	7659.98	112
	Jun 2007	74	61	7664.78	125
	Jul 2007	32	43	7660.47	114
	Aug 2007	17	38	7652.26	93
	Sep 2007	14	27	7646.99	80
	WY 2007	259	253		
	Oct 2007	13	16	7645.51	77
	Nov 2007	8	5	7646.86	80
	Dec 2007	5	5	7647.03	80

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Navajo Reservoir

	Mod_Unreg Inflow 1000 Ac-Ft	Azetea Tunnel_Div 1000 Ac-Ft	Reg Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	NIIP Diversion 1000 ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Farm Flow 1000 Ac-Ft
* Jan 2005	53	0	53	1	0	16	6032.00	1029	51
H Feb 2005	72	0	91	1	0	15	6039.16	1104	59
I Mar 2005	89	2	109	1	3	26	6046.24	1182	67
S Apr 2005	308	30	270	2	14	34	6064.14	1401	153
T May 2005	471	43	394	4	19	222	6074.99	1551	490
O Jun 2005	327	49	232	5	36	177	6075.93	1565	387
R Jul 2005	78	14	69	5	41	31	6075.41	1557	97
I Aug 2005	31	4	45	4	28	35	6073.90	1535	53
C Sep 2005	26	3	40	3	17	39	6072.56	1516	49
WY 2005	1586	148	1418	28	162	647			1550
A Oct 2005	88	5	77	2	4	40	6074.70	1547	78
L Nov 2005	25	1	27	1	0	32	6074.30	1541	54
* Dec 2005	17	0	21	1	0	28	6073.74	1533	53
Jan 2006	14	0	14	1	0	31	6072.46	1515	31
Feb 2006	19	0	19	1	0	28	6071.76	1505	28
Mar 2006	53	0	51	2	4	31	6072.75	1519	31
Apr 2006	112	14	87	3	17	30	6075.37	1557	30
May 2006	182	32	132	4	31	59	6078.02	1595	59
Jun 2006	170	27	128	5	47	120	6075.00	1551	120
Jul 2006	56	4	69	5	51	35	6073.47	1529	35
Aug 2006	41	1	60	4	42	39	6071.68	1504	39
Sep 2006	36	1	46	3	24	26	6071.19	1497	26
WY 2006	813	85	731	32	220	499			584
Oct 2006	40	1	36	2	7	22	6071.62	1503	22
Nov 2006	32	0	27	1	0	21	6072.01	1509	21
Dec 2006	23	0	21	1	0	22	6071.93	1508	22
Jan 2007	21	0	22	1	0	31	6071.21	1497	31
Feb 2007	28	0	29	1	0	28	6071.18	1497	28
Mar 2007	80	0	78	2	4	31	6074.09	1538	31
Apr 2007	153	8	138	3	17	30	6080.13	1627	30
May 2007	248	44	184	4	31	107	6082.89	1669	107
Jun 2007	231	35	184	5	47	143	6082.13	1657	143
Jul 2007	76	3	85	5	51	31	6081.96	1654	31
Aug 2007	41	3	59	4	42	31	6080.73	1636	31
Sep 2007	36	1	47	3	24	30	6080.03	1625	30
WY 2007	1009	95	910	32	223	527			527
Oct 2007	40	0	43	2	12	31	6079.95	1624	31
Nov 2007	32	0	29	1	1	30	6079.77	1621	30
Dec 2007	23	0	23	1	0	31	6079.16	1612	31

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Lake Powell

	Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Bank Storage 1000 Ac-Ft	EOM Storage 1000 Ac-Ft	Lees Ferry 1000 Ac-Ft
* Jan 2005	519	503	9	777	0	777	3562.07	18700	8481	787
H Feb 2005	497	472	10	720	0	720	3559.23	18658	8265	730
I Mar 2005	593	526	8	803	0	803	3555.90	18623	8015	817
S Apr 2005	1188	955	13	526	0	526	3562.81	18515	8538	536
T May 2005	2893	2499	22	597	0	597	3586.53	18424	10509	604
O Jun 2005	3318	2874	39	778	4	782	3606.28	18628	12360	796
R Jul 2005	1412	1163	43	850	0	850	3606.87	18840	12418	869
I Aug 2005	472	531	49	872	0	872	3602.83	18845	12022	894
C Sep 2005	323	465	46	496	0	496	3601.97	18851	11939	515
WY 2005	12614	11362	291	8134	97	8231				8367
A Oct 2005	586	608	27	514	0	514	3602.77	18842	12016	532
L Nov 2005	515	554	23	514	0	514	3602.36	18898	11977	529
* Dec 2005	360	435	20	801	0	801	3598.17	18912	11576	827
Jan 2006	375	454	19	800	0	800	3594.56	18885	11238	800
Feb 2006	375	458	17	800	0	800	3590.94	18858	10906	800
Mar 2006	700	751	21	600	0	600	3592.26	18868	11026	600
Apr 2006	1056	968	25	600	0	600	3595.69	18893	11344	600
May 2006	2470	2114	35	600	0	600	3609.83	19003	12713	600
Jun 2006	3303	2818	43	825	0	825	3626.99	19147	14519	825
Jul 2006	1670	1505	52	860	0	860	3631.91	19191	15067	860
Aug 2006	552	670	54	860	0	860	3629.90	19173	14842	860
Sep 2006	428	580	46	520	0	520	3630.01	19174	14854	520
WY 2006	12390	11915	382	8294	0	8294				8353
Oct 2006	502	588	42	600	0	600	3629.57	19170	14804	600
Nov 2006	496	560	35	600	0	600	3628.95	19165	14735	600
Dec 2006	396	510	29	800	0	800	3626.28	19141	14440	800
Jan 2007	365	493	22	800	0	800	3623.48	19117	14136	800
Feb 2007	379	477	20	800	0	800	3620.52	19091	13818	800
Mar 2007	597	584	25	800	0	800	3618.41	19074	13595	800
Apr 2007	887	745	28	800	0	800	3617.68	19068	13519	800
May 2007	2074	1759	38	850	0	850	3625.23	19132	14325	850
Jun 2007	2773	2335	46	950	0	950	3636.25	19231	15564	950
Jul 2007	1402	1272	54	1125	0	1125	3636.99	19238	15651	1125
Aug 2007	552	661	55	1125	0	1125	3632.81	19200	15170	1125
Sep 2007	428	568	47	865	0	865	3629.99	19174	14852	865
WY 2007	10851	10552	441	10115	0	10115				10115
Oct 2007	502	592	42	600	0	600	3629.58	19170	14806	600
Nov 2007	496	562	35	600	0	600	3628.97	19165	14738	600
Dec 2007	396	516	29	800	0	800	3626.35	19142	14448	800

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Hoover Dam - Lake Mead

	Glen Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release CFS	SNWP Use 1000 Ac-Ft	Dwnstrm Reqmnts 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
* Jan 2005	777	420	37	337	5.5	9	322	983	1137.40	15119
H Feb 2005	720	327	35	341	6.1	10	271	1023	1143.25	15739
I Mar 2005	803	190	40	428	7.0	13	340	1054	1147.66	16220
S Apr 2005	526	197	50	1024	17.2	22	960	1031	1144.45	15869
T May 2005	597	209	57	1009	16.4	34	961	1014	1141.89	15593
O Jun 2005	782	55	68	900	15.1	31	873	1004	1140.46	15441
R Jul 2005	850	84	85	975	15.9	37	964	994	1139.01	15288
I Aug 2005	872	113	90	795	12.9	32	771	998	1139.61	15351
C Sep 2005	496	88	74	623	10.5	29	619	989	1138.36	15219
WY 2005	8231	2022	684	7941		263	7531			
A Oct 2005	514	56	54	640	10.4	27	623	980	1137.01	15078
L Nov 2005	514	38	53	675	11.3	17	674	968	1135.27	14896
* Dec 2005	801	36	46	530	8.6	11	523	984	1137.52	15131
Jan 2006	800	69	38	542	8.8	12	542	1000	1139.99	15391
Feb 2006	800	93	35	647	11.7	11	647	1013	1141.76	15579
Mar 2006	600	80	39	934	15.2	19	934	994	1138.99	15286
Apr 2006	600	55	48	1010	17.0	24	1010	967	1135.16	14884
May 2006	600	74	55	890	14.5	30	890	949	1132.43	14602
Jun 2006	825	37	66	899	15.1	30	899	941	1131.21	14478
Jul 2006	860	65	82	836	13.6	30	836	940	1131.01	14457
Aug 2006	860	79	87	865	14.1	30	865	937	1130.62	14417
Sep 2006	520	67	71	703	11.8	30	703	924	1128.61	14213
WY 2006	8294	749	674	9171		271	9144			
Oct 2006	600	62	52	500	8.1	30	500	929	1129.36	14289
Nov 2006	600	60	52	601	10.1	19	601	928	1129.25	14278
Dec 2006	800	77	45	685	11.1	18	685	936	1130.44	14399
Jan 2007	800	69	37	739	12.0	12	739	941	1131.19	14476
Feb 2007	800	93	34	790	14.2	11	790	944	1131.72	14530
Mar 2007	800	80	38	1041	16.9	19	1041	931	1129.72	14326
Apr 2007	800	55	46	1065	17.9	24	1065	914	1127.12	14063
May 2007	850	74	53	965	15.7	30	965	907	1125.96	13947
Jun 2007	950	37	64	860	14.4	30	860	909	1126.27	13978
Jul 2007	1125	65	80	842	13.7	30	842	923	1128.49	14201
Aug 2007	1125	79	86	790	12.8	30	790	941	1131.24	14480
Sep 2007	865	67	72	623	10.5	28	623	954	1133.15	14677
WY 2007	10115	818	659	9501		281	9499			
Oct 2007	600	62	53	429	7.0	28	429	963	1134.54	14820
Nov 2007	600	60	53	620	10.4	20	620	961	1134.24	14789
Dec 2007	800	77	46	696	11.3	18	696	968	1135.30	14899

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Davis Dam - Lake Mohave

	Hoover Release 1000 Ac-Ft	Side inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Spill Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
* Jan 2005	337	-9	302	0	302	4.9	641.53	1659
H Feb 2005	341	-9	268	0	268	4.8	643.88	1723
I Mar 2005	428	-24	437	0	437	7.1	642.64	1689
S Apr 2005	1024	-33	970	0	970	16.3	643.36	1707
T May 2005	1009	-37	958	0	958	15.6	643.86	1721
O Jun 2005	900	-31	906	0	906	15.2	642.47	1684
R Jul 2005	975	-27	960	0	960	15.6	642.02	1672
I Aug 2005	795	-27	710	0	710	11.5	644.12	1730
C Sep 2005	623	-20	758	0	758	12.7	638.32	1573
WY 2005	7941	-256	7710	0	7710			
A Oct 2005	640	3	689	0	689	11.2	636.59	1527
L Nov 2005	675	-35	628	0	628	10.6	637.02	1538
* Dec 2005	530	-18	415	0	415	6.7	640.62	1634
Jan 2006	542	-32	478	0	478	7.8	641.80	1666
Feb 2006	647	-26	616	0	616	11.1	642.00	1671
Mar 2006	934	-29	888	0	888	14.4	642.60	1688
Apr 2006	1010	-36	963	0	963	16.2	643.01	1699
May 2006	890	-33	857	0	857	13.9	643.01	1699
Jun 2006	899	-28	898	0	898	15.1	642.00	1671
Jul 2006	836	-29	820	0	820	13.3	641.50	1658
Aug 2006	865	-35	830	0	830	13.5	641.50	1658
Sep 2006	703	-31	765	0	765	12.9	638.00	1564
WY 2006	9171	-329	8847	0	8847			
Oct 2006	500	-30	663	0	663	10.8	630.49	1371
Nov 2006	601	-28	484	0	484	8.1	634.00	1460
Dec 2006	685	-28	534	0	534	8.7	638.71	1583
Jan 2007	739	-32	624	0	624	10.1	641.80	1666
Feb 2007	790	-26	764	0	764	13.8	641.80	1666
Mar 2007	1041	-29	977	0	977	15.9	643.05	1700
Apr 2007	1065	-36	1030	0	1030	17.3	643.01	1699
May 2007	965	-33	932	0	932	15.2	643.01	1699
Jun 2007	860	-28	859	0	859	14.4	642.00	1671
Jul 2007	842	-29	827	0	827	13.4	641.50	1658
Aug 2007	790	-35	755	0	755	12.3	641.50	1658
Sep 2007	623	-31	685	0	685	11.5	638.00	1564
WY 2007	9501	-365	9134	0	9134			
Oct 2007	429	-30	592	0	592	9.6	630.49	1371
Nov 2007	620	-28	503	0	503	8.5	634.00	1460
Dec 2007	696	-32	541	0	541	8.8	638.71	1583

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Parker Dam - Lake Havasu

	Davis Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	MWD Diversion 1000 Ac-Ft	CAP diversion 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft	Flow_to Mexico 1000 Ac-Ft	Flow_to Mexico 1000 CFS
* Jan 2005	302	128	253	4.1	3	175	446.86	559	141	2.3
H Feb 2005	268	170	270	4.9	45	68	449.70	613	186	3.4
I Mar 2005	437	169	612	10.0	35	21	446.45	551	216	3.5
S Apr 2005	970	-4	688	11.6	80	164	448.30	586	199	3.3
T May 2005	958	-13	693	11.3	88	163	448.31	586	113	1.8
O Jun 2005	906	-18	685	11.5	105	102	448.07	582	110	1.8
R Jul 2005	960	-20	751	12.2	103	89	447.81	576	124	2.0
I Aug 2005	710	4	558	9.1	96	66	447.45	570	118	1.9
C Sep 2005	758	-22	550	9.2	95	106	446.63	554	92	1.5
WY 2005	7710	475	6003		893	1317			1645	
A Oct 2005	689	3	436	7.1	101	140	447.46	570	91	1.5
L Nov 2005	628	12	379	6.4	102	147	448.12	582	100	1.7
* Dec 2005	415	20	312	5.1	49	76	447.97	579	126	2.1
Jan 2006	478	-6	332	5.4	97	62	447.00	561	128	2.1
Feb 2006	616	10	458	8.2	51	131	446.21	546	153	2.8
Mar 2006	888	12	713	11.6	54	124	446.70	555	204	3.3
Apr 2006	963	0	748	12.6	48	129	448.71	594	198	3.3
May 2006	857	-2	656	10.7	51	130	449.60	611	104	1.7
Jun 2006	898	-7	696	11.7	58	137	449.60	611	109	1.8
Jul 2006	820	-9	704	11.4	51	87	448.00	580	122	2.0
Aug 2006	830	1	623	10.1	65	153	447.50	570	98	1.6
Sep 2006	765	8	565	9.5	41	181	446.81	557	89	1.5
WY 2006	8847	42	6622		768	1497			1522	
Oct 2006	663	11	478	7.8	63	143	446.31	548	75	1.2
Nov 2006	484	17	350	5.9	29	128	446.00	543	99	1.7
Dec 2006	534	0	338	5.5	30	169	445.80	539	122	2.0
Jan 2007	624	-6	373	6.1	59	186	445.80	539	128	2.1
Feb 2007	764	10	552	9.9	52	167	446.00	543	153	2.8
Mar 2007	977	12	732	11.9	59	186	446.70	555	204	3.3
Apr 2007	1030	0	766	12.9	52	173	448.71	594	198	3.3
May 2007	932	-2	675	11.0	59	178	449.60	611	104	1.7
Jun 2007	859	-7	695	11.7	52	105	449.60	611	109	1.8
Jul 2007	827	-9	703	11.4	59	87	448.00	580	122	2.0
Aug 2007	755	1	622	10.1	52	91	447.50	570	98	1.6
Sep 2007	685	8	564	9.5	52	90	446.81	557	89	1.5
WY 2007	9134	35	6848		618	1703			1501	
Oct 2007	592	11	477	7.8	52	83	446.31	548	75	1.2
Nov 2007	503	17	349	5.9	52	124	446.00	543	99	1.7
Dec 2007	541	0	338	5.5	51	155	445.80	539	122	2.0

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Hoover Dam - Lake Mead

	Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Hoover Static Head Feet	Hoover Generator Capacity MW	Hoover Gross Energy MKWH	Percent Of Units Available	KWH/AF
* Jan 2005	337	5.5	1137.40	15119	764	0.00	1288.0	127.9	70	379.2
H Feb 2005	341	6.1	1143.25	15739	620	0.00	1270.0	135.6	69	397.2
I Mar 2005	428	7.0	1147.66	16220	481	0.00	1251.0	170.4	68	398.5
S Apr 2005	1024	17.2	1144.45	15869	-351	0.00	1840.0	445.4	100	435.1
T May 2005	1009	16.4	1141.89	15593	-276	0.00	1840.0	429.2	100	425.5
O Jun 2005	900	15.1	1140.46	15441	-152	0.00	1840.0	379.0	100	421.4
R Jul 2005	975	15.9	1139.01	15288	-153	0.00	1840.0	409.5	100	420.0
I Aug 2005	795	12.9	1139.61	15351	63	0.00	1840.0	326.1	100	410.1
C Sep 2005	623	10.5	1138.36	15219	-132	0.00	1840.0	250.6	100	402.5
WY 2005	7940							3273.8		
A Oct 2005	640	10.4	1137.01	15078	-142	0.00	1472.0	261.5	80	408.6
L Nov 2005	675	11.3	1135.27	14896	-182	0.00	1490.0	279.2	81	413.5
* Dec 2005	530	8.6	1137.52	15131	235	0.00	1490.0	211.8	81	399.9
Jan 2006	542	8.8	1139.99	15391	260	488.84	1332.8	227.9	75	420.4
Feb 2006	647	11.7	1141.76	15579	187	489.95	1421.6	279.8	80	432.4
Mar 2006	934	15.2	1138.99	15286	-293	489.08	1428.8	409.8	81	438.9
Apr 2006	1010	17.0	1135.16	14884	-401	483.35	1733.0	433.4	100	429.0
May 2006	890	14.5	1132.43	14602	-282	479.94	1689.0	385.9	100	433.7
Jun 2006	899	15.1	1131.21	14478	-124	478.31	1689.0	382.6	100	425.7
Jul 2006	836	13.6	1131.01	14457	-21	478.10	1689.0	358.5	100	429.1
Aug 2006	865	14.1	1130.62	14417	-40	477.97	1689.0	372.5	100	430.8
Sep 2006	703	11.8	1128.61	14213	-204	477.92	1689.0	295.9	100	421.0
WY 2006	9170							3898.7		
Oct 2006	500	8.1	1129.36	14289	75	481.63	1351.2	211.6	80	423.3
Nov 2006	601	10.1	1129.25	14278	-11	485.52	1182.3	257.8	70	428.9
Dec 2006	685	11.1	1130.44	14399	122	483.03	1283.6	291.3	76	425.4
Jan 2007	739	12.0	1131.19	14476	77	482.12	1182.3	318.6	70	431.3
Feb 2007	790	14.2	1131.72	14530	54	481.74	1182.3	348.5	70	440.9
Mar 2007	1041	16.9	1129.72	14326	-204	480.15	1249.9	452.7	74	435.0
Apr 2007	1065	17.9	1127.12	14063	-263	475.25	1587.7	455.3	94	427.7
May 2007	965	15.7	1125.96	13947	-116	472.72	1689.0	408.8	100	423.7
Jun 2007	860	14.4	1126.27	13978	31	472.63	1689.0	368.0	100	428.0
Jul 2007	842	13.7	1128.49	14201	223	474.39	1689.0	359.4	100	426.7
Aug 2007	790	12.8	1131.24	14480	280	477.02	1689.0	335.8	100	425.2
Sep 2007	623	10.5	1133.15	14677	196	480.49	1689.0	263.0	100	422.3
WY 2007	9499							4070.8		
Oct 2007	429	7.0	1134.54	14820	143	485.04	1570.8	177.7	93	414.2
Nov 2007	620	10.4	1134.24	14789	-31	489.93	1283.6	268.1	76	432.5
Dec 2007	696	11.3	1135.30	14899	110	487.94	1283.6	299.3	76	430.0

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Davis Dam - Lake Mohave

	Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Davis Static Head Feet	Davis Generator Capacity MW	Davis Gross Energy MKWH	Percent Of Units Available	KWH/AF
* Jan 2005	302	4.9	641.53	1659	26	0.00	163.0	37.7	64	124.9
H Feb 2005	268	4.8	643.88	1723	64	0.00	178.0	33.0	70	123.2
I Mar 2005	437	7.1	642.64	1689	-34	0.00	184.0	56.1	72	128.3
S Apr 2005	970	16.3	643.36	1707	20	0.00	204.0	122.9	80	126.7
T May 2005	958	15.6	643.86	1721	14	0.00	204.0	122.0	80	127.4
O Jun 2005	906	15.2	642.47	1684	-38	0.00	204.0	114.8	80	126.8
R Jul 2005	960	15.6	642.02	1672	-12	0.00	204.0	119.2	80	124.2
I Aug 2005	710	11.5	644.12	1730	57	0.00	204.0	89.5	80	126.1
C Sep 2005	758	12.7	638.32	1573	-157	0.00	255.0	89.3	100	117.7
WY 2005	7710							960.8		
A Oct 2005	689	11.2	636.59	1527	-45	0.00	204.0	82.0	80	119.0
L Nov 2005	628	10.6	637.02	1538	11	0.00	201.0	75.5	79	120.2
* Dec 2005	415	6.7	640.62	1634	96	0.00	178.0	49.3	70	118.8
Jan 2006	478	7.8	641.80	1666	32	136.75	168.3	60.4	66	126.2
Feb 2006	616	11.1	642.00	1671	5	135.88	219.3	77.3	86	125.6
Mar 2006	888	14.4	642.60	1688	16	135.72	239.7	110.9	94	124.8
Apr 2006	963	16.2	643.01	1699	11	135.84	255.0	120.1	100	124.7
May 2006	857	13.9	643.01	1699	0	136.05	255.0	107.6	100	125.6
Jun 2006	898	15.1	642.00	1671	-28	135.52	255.0	112.1	100	124.8
Jul 2006	820	13.3	641.50	1658	-14	134.73	255.0	102.2	100	124.7
Aug 2006	830	13.5	641.50	1658	0	134.46	255.0	103.2	100	124.4
Sep 2006	765	12.9	638.00	1564	-94	132.63	255.0	94.2	100	123.0
WY 2006	8848							1094.9		
Oct 2006	663	10.8	630.49	1371	-193	128.32	204.0	78.8	80	118.8
Nov 2006	484	8.1	634.00	1460	89	126.46	196.3	57.1	77	118.0
Dec 2006	534	8.7	638.71	1583	123	131.54	173.4	64.9	68	121.5
Jan 2007	624	10.1	641.80	1666	83	135.97	163.2	77.6	64	124.5
Feb 2007	764	13.8	641.80	1666	0	136.69	188.7	95.2	74	124.6
Mar 2007	977	15.9	643.05	1700	34	136.71	209.1	121.7	82	124.5
Apr 2007	1030	17.3	643.01	1699	-1	136.08	255.0	128.3	100	124.6
May 2007	932	15.2	643.01	1699	0	136.05	255.0	116.7	100	125.2
Jun 2007	859	14.4	642.00	1671	-28	135.52	255.0	107.4	100	125.0
Jul 2007	827	13.4	641.50	1658	-14	134.73	255.0	103.1	100	124.6
Aug 2007	755	12.3	641.50	1658	0	134.46	255.0	94.2	100	124.8
Sep 2007	685	11.5	638.00	1564	-94	132.63	255.0	84.7	100	123.5
WY 2007	9135							1129.7		
Oct 2007	592	9.6	630.49	1371	-193	128.32	204.0	70.6	80	119.2
Nov 2007	503	8.5	634.00	1460	89	126.46	196.3	59.3	77	117.9
Dec 2007	541	8.8	638.71	1583	123	131.54	173.4	65.7	68	121.5

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Parker Dam - Lake Havasu

	Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Parker Static Head Feet	Parker Generator Capacity MW	Parker Gross Energy MKWH	Percent Of Units Available	KWH/AF
* Jan 2005	253	4.1	446.86	559	-2	0.00	90.0	16.2	75	64.2
H Feb 2005	270	4.9	449.70	613	54	0.00	90.0	17.7	75	65.6
I Mar 2005	612	10.0	446.45	551	-62	0.00	92.0	45.8	77	74.8
S Apr 2005	688	11.6	448.30	586	35	0.00	90.0	39.7	75	57.7
T May 2005	693	11.3	448.31	586	0	0.00	90.0	46.7	75	67.4
O Jun 2005	685	11.5	448.07	582	-5	0.00	90.0	45.8	75	66.8
R Jul 2005	751	12.2	447.81	576	-5	0.00	90.0	49.2	75	65.5
I Aug 2005	558	9.1	447.45	570	-7	0.00	90.0	36.9	75	66.2
C Sep 2005	550	9.2	446.63	554	-15	0.00	95.0	36.1	79	65.7
WY 2005	6003							397.0		
A Oct 2005	436	7.1	447.46	570	15	0.00	94.0	29.7	78	68.1
L Nov 2005	379	6.4	448.12	582	12	0.00	91.0	26.7	76	70.6
* Dec 2005	312	5.1	447.97	579	-3	0.00	92.0	20.9	77	67.1
Jan 2006	332	5.4	447.00	561	-18	74.87	120.0	21.1	100	63.5
Feb 2006	458	8.2	446.21	546	-15	74.02	120.0	29.4	100	64.3
Mar 2006	713	11.6	446.70	555	9	74.28	110.4	46.5	92	65.2
Apr 2006	748	12.6	448.71	594	38	75.09	120.0	49.3	100	65.9
May 2006	656	10.7	449.60	611	18	76.49	120.0	43.8	100	66.7
Jun 2006	696	11.7	449.60	611	0	76.93	120.0	46.8	100	67.2
Jul 2006	704	11.4	448.00	580	-31	76.15	120.0	46.8	100	66.6
Aug 2006	623	10.1	447.50	570	-10	75.13	120.0	40.8	100	65.5
Sep 2006	565	9.5	446.81	557	-13	74.55	120.0	36.7	100	65.0
WY 2006	6622							438.6		
Oct 2006	478	7.8	446.31	548	-9	75.19	93.6	31.2	78	65.2
Nov 2006	350	5.9	446.00	543	-6	74.44	100.8	22.3	84	63.7
Dec 2006	338	5.5	445.80	539	-4	74.61	92.4	21.5	77	63.7
Jan 2007	373	6.1	445.80	539	0	74.64	90.0	23.9	75	64.1
Feb 2007	552	9.9	446.00	543	4	74.74	90.0	36.2	75	65.5
Mar 2007	732	11.9	446.70	555	13	75.17	90.0	48.5	75	66.2
Apr 2007	766	12.9	448.71	594	38	75.09	120.0	50.6	100	66.0
May 2007	675	11.0	449.60	611	18	76.49	120.0	45.1	100	66.7
Jun 2007	695	11.7	449.60	611	0	76.93	120.0	46.7	100	67.2
Jul 2007	703	11.4	448.00	580	-31	76.15	120.0	46.8	100	66.6
Aug 2007	622	10.1	447.50	570	-10	75.13	120.0	40.8	100	65.5
Sep 2007	564	9.5	446.81	557	-13	74.55	120.0	36.7	100	65.0
WY 2007	6850							450.1		
Oct 2007	477	7.8	446.31	548	-9	73.97	120.0	30.6	100	64.1
Nov 2007	349	5.9	446.00	543	-6	73.58	120.0	22.0	100	63.0
Dec 2007	338	5.5	445.80	539	-4	74.61	92.4	21.5	77	63.7

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Upper Basin Power

	Glen Canyon 1000 MWHR	Flam Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Res 1000 MWHR	Font Res 1000 MWHR
* Jan 2005	296	18	8	11	5	6
H Feb 2005	272	19	12	15	3	5
I Mar 2005	301	20	19	24	14	5
Winter 2005	1532	106	64	84	31	30
S Apr 2005	197	20	28	40	22	6
T May 2005	232	59	25	37	23	7
O Jun 2005	322	69	18	25	18	7
R Jul 2005	360	35	24	31	18	8
I Aug 2005	367	30	25	29	13	6
C Sep 2005	208	29	22	28	15	3
Summer 2005	1686	242	142	189	109	38
A Oct 2005	207	30	16	19	10	0
L Nov 2005	211	29	6	8	2	3
* Dec 2005	335	29	7	10	4	4
Jan 2006	314	31	12	14	7	4
Feb 2006	311	28	18	23	12	4
Mar 2006	233	31	35	46	23	5
Winter 2006	1611	178	93	120	60	19
Apr 2006	234	39	29	42	22	6
May 2006	238	62	26	44	23	7
Jun 2006	338	90	19	31	22	9
Jul 2006	360	42	34	42	23	10
Aug 2006	361	42	37	44	23	9
Sep 2006	218	40	36	43	22	5
Summer 2006	1751	315	182	247	137	46
Oct 2006	251	42	23	28	15	6
Nov 2006	251	40	13	17	9	6
Dec 2006	334	42	18	23	12	6
Jan 2007	333	42	20	25	13	5
Feb 2007	331	38	18	23	12	4
Mar 2007	329	36	18	24	13	5
Winter 2007	1829	240	109	138	72	31
Apr 2007	328	35	20	29	17	5
May 2007	351	58	18	31	23	6
Jun 2007	399	76	14	25	21	8
Jul 2007	478	41	33	40	23	10
Aug 2007	476	41	37	44	23	9
Sep 2007	364	37	34	41	21	5
Summer 2007	2397	288	156	209	129	44
Oct 2007	252	39	23	28	15	6
Nov 2007	251	37	13	17	9	6
Dec 2007	334	38	20	25	13	6

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model_run_id = 1486

F L O O D C O N T R O L C R I T E R I A
B E G I N N I N G O F M O N T H C O N D I T I O N S

MON	YEAR	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	LAKE POWELL KAF	UPPER BASIN TOTAL KAF	LAKE MEAD KAF	TOTAL KAF	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	TOT OR MAX ALLOW KAF	LAKE POWELL KAF	LAKE MEAD KAF	TOTAL KAF	BOM SPACE REQD KAF	MEAD SCHED REL KAF	MEAD FC REL KAF	SYS CONT MAF
		* * * * P R E D I C T E D S P A C E * * * *							* * * * C R E D I T A B L E S P A C E * * * *								
JAN	2006	823	248	163	12744	13977	12249	26226	823	248	163	1234	12744	12249	26226	5350	542	0	34.4
									* * * * E F F E C T I V E S P A C E * * * *									
JAN	2006	823	248	163	12744	13977	12249	26226	579	248	163	990	12744	12249	25983	5350	542	0	34.4
FEB	2006	870	267	181	13082	14399	11989	26388	625	267	181	1073	13082	11989	26143	1500	647	0	34.1
MAR	2006	905	308	191	13414	14818	11801	26620	658	308	191	1157	13414	11801	26373	1500	934	0	33.9
APR	2006	895	390	177	13294	14757	12094	26851	644	390	173	1207	13294	12094	26595	1500	1010	0	33.9
MAY	2006	840	407	139	12976	14363	12496	26858	582	407	115	1105	12976	12496	26576	1500	890	0	35.4
JUN	2006	695	277	101	11607	12680	12778	25458	425	277	42	744	11607	12778	25129	1500	899	0	37.5
JUL	2006	453	56	145	9801	10455	12902	23357	165	33	34	232	9801	12902	22936	1500	835	0	38.1
									* * * * C R E D I T A B L E S P A C E * * * *									
AUG	2006	307	27	167	9253	9754	12923	22677	307	27	167	501	9253	12923	22677	1500	865	0	37.7
SEP	2006	339	76	192	9478	10086	12963	23049	339	76	192	607	9478	12963	23049	2270	703	0	37.3
OCT	2006	402	153	199	9466	10220	13167	23387	402	153	199	754	9466	13167	23387	3040	500	0	37.0
NOV	2006	464	192	193	9516	10364	13091	23456	464	192	193	849	9516	13091	23456	3810	601	0	36.9
DEC	2006	527	209	187	9585	10508	13102	23610	527	209	187	923	9585	13102	23610	4580	685	0	36.7
JAN	2007	606	248	188	9880	10922	12981	23903	606	248	188	1042	9880	12981	23903	5350	739	0	36.5
									* * * * E F F E C T I V E S P A C E * * * *									
JAN	2007	606	248	188	9880	10922	12981	23903	366	248	188	802	9880	12981	23663	5350	739	0	36.5
FEB	2007	680	294	199	10184	11357	12904	24261	439	294	199	931	10184	12904	24019	1500	790	0	36.1
MAR	2007	739	335	199	10502	11775	12850	24625	496	334	199	1029	10502	12850	24381	1500	1041	0	35.7
APR	2007	745	366	158	10725	11993	13054	25047	498	365	158	1020	10725	13054	24799	1500	1065	0	35.6
MAY	2007	706	365	69	10801	11941	13317	25258	452	365	69	886	10801	13317	25004	1500	965	0	36.5
JUN	2007	603	235	27	9995	10860	13433	24293	338	232	27	598	9995	13433	24026	1500	860	0	38.2
JUL	2007	402	42	39	8756	9238	13402	22640	122	16	39	177	8756	13402	22335	1500	842	0	38.6
									* * * * C R E D I T A B L E S P A C E * * * *									
AUG	2007	298	27	42	8669	9036	13179	22215	298	27	42	367	8669	13179	22215	1500	790	0	38.3
SEP	2007	326	78	60	9150	9614	12900	22514	326	78	60	464	9150	12900	22514	2270	623	0	37.9
OCT	2007	381	147	71	9468	10067	12703	22770	381	147	71	599	9468	12703	22770	3040	429	0	37.7
NOV	2007	434	186	72	9514	10206	12560	22766	434	186	72	691	9514	12560	22766	3810	620	0	37.6
DEC	2007	488	203	75	9582	10348	12591	22939	488	203	75	767	9582	12591	22939	4580	696	0	37.4

To: All Annual Operating Plan Recipients

From: Lower Colorado Region
Boulder Canyon Operations Office
River Operations Group
Doug Blatchford, Manager
P.O. Box 61470
Boulder City, NV 89006-1470
Phone: 702-293-8190

This operation study reflects the 2007 Annual Operating Plan (AOP) as signed by the Secretary of the Interior. The Partial Domestic Surplus condition is the criterion governing the operation of Lake Mead for calendar year 2007. A copy of the 2007 AOP can be obtained by contacting (702)293-8190 or visit our website at www.usbr.gov/lc/riverops.html.

In this study, the Calendar Year (CY) 2007 diversion for Metropolitan Water District of Southern California (MWD) is forecasted to be 0.635 million acre-feet (maf). The CY 2007 diversion for the Central Arizona Project (CAP) is forecasted to be 1.553 maf. Consumptive use for Nevada above Hoover is forecasted to be 0.291 maf for CY 2007.

At this time, preliminary estimates for water demand schedules for CY 2007 in the Lower Basin do not reflect Partial Domestic schedules. This does not preclude any entity entitled to a Partial Domestic Surplus from requesting it at a later time in CY 2007. Lake Mead's elevation is projected to be 1116.60 feet at the end of CY 2007. According to the Interim Surplus Guidelines, when Lake Mead's elevation is projected to be below elevation 1125 feet, the Normal criterion governs the operation of Lake Mead.

Due to declining Lake Mead elevations, Hoover's generator capacity is adjusted based on estimated effective capacity and plant availability. The estimated effective capacity is based on projected Lake Mead elevations. Unit capacity tests will be performed as the lake elevation changes in 2' increments. This study reflects these changes in the projections.

Current runoff projections into Lake Powell are provided by the National Weather Service's Colorado Basin River Forecast Center and are as follows: observed unregulated inflow into Lake Powell for the month of December, 2006 was 0.402 maf or 93% of the 30 year average. The forecast for January, 2007 unregulated inflow into Lake Powell is 0.375 maf or 91% of the 30 year average. The forecast for the April through July unregulated inflow period is projected to be 7.2 maf or 91% of average.

Hoover, Davis, and Parker historical gross energy figures come from PO&M reports provided by the Power and O&M Group, Boulder Canyon Operations, Bureau of Reclamation, Boulder City, Nevada. Questions regarding these historical energy numbers can be directed to Larry Karr at (702) 293-8094.

(Note: Lower Basin previous months' historical SNWP and flow to Mexico values are preliminary estimates.)

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Fontenelle Reservoir

	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
* Jan 2006	34	1	54	0	54	6480.28	168
H Feb 2006	28	0	49	0	49	6476.04	147
I Mar 2006	39	1	54	0	54	6472.77	131
S Apr 2006	98	1	66	0	66	6479.16	162
T May 2006	219	2	99	19	118	6494.92	262
O Jun 2006	217	2	100	91	191	6498.17	285
R Jul 2006	86	3	68	0	68	6500.17	300
I Aug 2006	35	2	68	1	69	6495.25	264
C Sep 2006	29	2	23	28	51	6491.84	240
WY 2006	895	17	683	200	883		
A Oct 2006	41	1	54	1	55	6489.68	226
L Nov 2006	40	1	54	0	54	6487.35	210
* Dec 2006	29	1	57	0	57	6482.67	182
Jan 2007	27	1	56	0	56	6477.21	152
Feb 2007	25	0	51	0	51	6471.67	126
Mar 2007	45	0	62	1	63	6467.41	108
Apr 2007	82	1	86	0	86	6466.22	104
May 2007	162	1	92	0	92	6481.06	173
Jun 2007	284	2	103	45	148	6501.03	307
Jul 2007	172	3	100	34	134	6505.52	342
Aug 2007	78	2	92	0	92	6503.49	326
Sep 2007	47	2	59	12	71	6500.16	300
WY 2007	1032	15	866	93	959		
Oct 2007	49	1	72	0	72	6496.78	275
Nov 2007	41	1	70	0	70	6492.57	245
Dec 2007	32	1	72	0	72	6486.36	204
Jan 2008	30	1	72	0	72	6478.95	161
Feb 2008	28	0	68	0	68	6470.50	121
Mar 2008	51	0	72	0	72	6465.21	100
Apr 2008	89	1	88	0	88	6465.28	100
May 2008	176	1	96	30	126	6476.56	149
Jun 2008	308	2	101	75	176	6497.38	279
Jul 2008	186	3	103	35	138	6503.40	325
Aug 2008	83	2	92	0	92	6501.89	313
Sep 2008	49	2	60	14	74	6498.24	286
WY 2008	1122	15	966	154	1120		
Oct 2008	49	1	77	0	77	6494.14	256
Nov 2008	41	1	74	0	74	6489.03	222
Dec 2008	32	1	77	0	77	6481.75	177

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Flaming Gorge Reservoir

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Yampa Flow 1000 Ac-Ft	Jensen Flow 1000 Ac-Ft
*	Jan 2006	41	61	2	85	0	85	85	6022.17	3057	0	121
H	Feb 2006	32	54	2	78	0	78	84	6021.46	3031	0	110
I	Mar 2006	65	80	3	87	0	87	84	6021.20	3022	0	156
S	Apr 2006	134	103	5	84	0	84	84	6021.59	3036	0	422
T	May 2006	261	160	7	178	4	182	83	6020.81	3008	0	734
O	Jun 2006	239	214	10	78	0	78	88	6024.17	3130	0	388
R	Jul 2006	90	71	13	54	0	54	88	6024.29	3134	0	102
I	Aug 2006	32	65	12	50	0	50	88	6024.35	3136	0	65
C	Sep 2006	31	54	10	50	0	50	88	6024.19	3130	0	76
	WY 2006	1041	1031	77	999	4	1003					2556
A	Oct 2006	50	64	7	50	0	50	88	6024.37	3137	0	112
L	Nov 2006	43	57	4	48	0	48	89	6024.50	3142	0	99
*	Dec 2006	30	58	2	76	0	76	88	6023.99	3123	0	109
	Jan 2007	33	62	2	74	0	74	87	6023.63	3110	0	74
	Feb 2007	35	61	2	67	0	67	87	6023.41	3102	0	67
	Mar 2007	80	98	3	49	0	49	89	6024.61	3146	0	49
	Apr 2007	125	129	5	48	0	48	91	6026.61	3220	0	48
	May 2007	231	161	8	129	0	129	92	6027.23	3243	0	129
	Jun 2007	351	215	10	182	0	182	92	6027.80	3265	0	182
	Jul 2007	193	155	14	89	0	89	94	6029.13	3316	0	89
	Aug 2007	89	102	13	89	0	89	94	6029.15	3316	0	89
	Sep 2007	56	80	11	86	0	86	94	6028.70	3299	0	86
	WY 2007	1316	1242	81	987	0	987					1133
	Oct 2007	59	83	7	89	0	89	93	6028.36	3286	0	89
	Nov 2007	51	80	3	107	0	107	92	6027.59	3257	0	107
	Dec 2007	37	77	2	111	0	111	91	6026.68	3223	0	111
	Jan 2008	41	83	2	111	0	111	90	6025.93	3195	0	111
	Feb 2008	47	86	2	104	0	104	90	6025.43	3176	0	104
	Mar 2008	103	124	3	105	0	105	90	6025.87	3192	0	105
	Apr 2008	142	141	5	101	0	101	91	6026.78	3227	0	101
	May 2008	263	213	8	166	0	166	92	6027.80	3265	0	166
	Jun 2008	400	267	10	221	0	221	94	6028.72	3300	0	221
	Jul 2008	219	171	14	92	0	92	96	6030.36	3363	0	92
	Aug 2008	97	106	13	92	0	92	96	6030.39	3364	0	92
	Sep 2008	58	84	11	89	0	89	95	6029.98	3348	0	89
	WY 2008	1517	1515	80	1388	0	1388					1388
	Oct 2008	59	88	7	92	0	92	95	6029.68	3337	0	92
	Nov 2008	51	85	3	89	0	89	95	6029.47	3329	0	89
	Dec 2008	37	82	2	92	0	92	94	6029.16	3317	0	92

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Taylor Park Reservoir

		Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Jan 2006	5	5	9311.33	72
H	Feb 2006	3	4	9310.90	71
I	Mar 2006	4	5	9310.46	71
S	Apr 2006	10	7	9312.57	74
T	May 2006	28	12	9321.23	89
O	Jun 2006	24	18	9324.06	95
R	Jul 2006	12	18	9320.55	88
I	Aug 2006	9	18	9315.25	79
C	Sep 2006	8	14	9311.30	72
	WY 2006	120	116		
A	Oct 2006	10	5	9314.16	77
L	Nov 2006	6	4	9315.22	79
*	Dec 2006	5	5	9315.38	79
	Jan 2007	5	3	9316.26	80
	Feb 2007	4	3	9316.79	81
	Mar 2007	4	3	9317.55	83
	Apr 2007	8	14	9314.32	77
	May 2007	28	22	9317.51	82
	Jun 2007	43	26	9326.84	100
	Jul 2007	21	22	9326.16	99
	Aug 2007	10	18	9322.02	91
	Sep 2007	7	16	9317.04	82
	WY 2007	151	141		
	Oct 2007	6	12	9313.58	76
	Nov 2007	5	6	9312.91	75
	Dec 2007	4	5	9312.56	74
	Jan 2008	4	5	9312.07	73
	Feb 2008	4	5	9311.36	72
	Mar 2008	4	5	9310.89	71
	Apr 2008	8	10	9309.85	70
	May 2008	27	18	9315.41	79
	Jun 2008	43	22	9326.76	100
	Jul 2008	20	22	9325.95	98
	Aug 2008	10	20	9320.67	88
	Sep 2008	7	16	9315.59	79
	WY 2008	142	146		
	Oct 2008	6	12	9312.06	73
	Nov 2008	5	6	9311.37	72
	Dec 2008	4	5	9311.02	72

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Blue Mesa Reservoir

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Jan 2006	25	25	0	32	0	32	7489.06	574
H	Feb 2006	21	22	0	26	0	26	7488.48	570
I	Mar 2006	36	37	0	42	0	42	7487.77	564
S	Apr 2006	104	100	1	62	0	62	7492.66	602
T	May 2006	216	201	1	51	0	51	7510.68	752
O	Jun 2006	155	149	1	91	0	91	7517.05	808
R	Jul 2006	76	83	2	117	0	117	7513.07	773
I	Aug 2006	60	69	1	121	0	121	7506.88	719
C	Sep 2006	41	48	1	99	0	99	7500.66	667
	WY 2006	828	828	8	740	0	740		
A	Oct 2006	70	65	1	74	0	74	7499.52	657
L	Nov 2006	42	40	0	52	0	52	7498.10	646
*	Dec 2006	35	35	0	93	0	93	7490.78	587
	Jan 2007	26	24	0	97	0	97	7481.19	515
	Feb 2007	23	22	0	56	0	56	7476.47	481
	Mar 2007	35	34	0	69	0	69	7471.34	445
	Apr 2007	76	81	1	69	0	69	7473.04	457
	May 2007	219	214	1	74	0	74	7491.79	595
	Jun 2007	280	263	1	70	0	70	7514.65	787
	Jul 2007	125	126	2	109	0	109	7516.38	802
	Aug 2007	63	71	1	122	0	122	7510.48	750
	Sep 2007	37	46	1	118	0	118	7501.85	677
	WY 2007	1031	1021	8	1003	0	1003		
	Oct 2007	35	41	1	78	0	78	7497.27	639
	Nov 2007	31	32	0	50	0	50	7494.97	621
	Dec 2007	25	26	0	65	0	65	7489.96	581
	Jan 2008	24	25	0	72	0	72	7483.75	534
	Feb 2008	23	24	0	55	0	55	7479.49	502
	Mar 2008	34	35	0	59	0	59	7476.08	478
	Apr 2008	73	75	1	70	0	70	7476.68	482
	May 2008	212	203	1	74	0	74	7493.64	610
	Jun 2008	271	250	1	67	0	67	7515.21	792
	Jul 2008	121	122	2	110	0	110	7516.39	802
	Aug 2008	62	72	1	122	0	122	7510.57	751
	Sep 2008	36	45	1	118	0	118	7501.91	677
	WY 2008	947	950	8	940	0	940		
	Oct 2008	35	41	1	78	0	78	7497.33	640
	Nov 2008	31	32	0	50	0	50	7495.02	621
	Dec 2008	25	26	0	65	0	65	7490.02	581

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Morrow Point Reservoir

	Unreg Inflow 1000 Ac-Ft	Blue_Mesa Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Evap losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
* Jan 2006	26	32	2	33	0	33	0	33	7151.95	111
H Feb 2006	23	26	2	28	0	31	0	31	7148.97	108
I Mar 2006	38	42	2	44	0	44	0	44	7148.31	108
S Apr 2006	116	62	12	74	0	73	0	73	7149.60	109
T May 2006	240	51	24	74	0	72	0	72	7152.51	111
O Jun 2006	166	91	11	102	0	101	0	101	7153.49	112
R Jul 2006	79	117	3	120	0	119	0	119	7154.36	113
I Aug 2006	62	121	3	124	0	123	0	123	7156.04	114
C Sep 2006	43	99	2	101	0	107	0	107	7145.25	105
WY 2006	893	740	66	805	0	809	0	809		
A Oct 2006	72	74	-1	73	0	71	0	71	7148.31	108
L Nov 2006	41	52	-1	50	0	52	0	52	7146.13	106
* Dec 2006	31	93	-4	89	0	88	0	88	7146.46	106
Jan 2007	28	97	2	99	0	94	0	94	7153.73	112
Feb 2007	26	56	3	59	0	59	0	59	7153.73	112
Mar 2007	39	69	4	73	0	73	0	73	7153.73	112
Apr 2007	86	69	11	80	0	80	0	80	7153.73	112
May 2007	243	74	24	98	0	98	0	98	7153.73	112
Jun 2007	300	70	19	89	0	89	0	89	7153.73	112
Jul 2007	131	109	6	115	0	115	0	115	7153.73	112
Aug 2007	66	122	3	125	0	125	0	125	7153.73	112
Sep 2007	39	118	3	121	0	121	0	121	7153.73	112
WY 2007	1102	1003	69	1071	0	1065	0	1065		
Oct 2007	38	78	3	81	0	81	0	81	7153.73	112
Nov 2007	33	50	2	52	0	52	0	52	7153.73	112
Dec 2007	27	65	2	67	0	67	0	67	7153.73	112
Jan 2008	26	72	2	74	0	74	0	74	7153.73	112
Feb 2008	26	55	3	58	0	58	0	58	7153.73	112
Mar 2008	38	59	4	63	0	63	0	63	7153.73	112
Apr 2008	84	70	11	81	0	81	0	81	7153.73	112
May 2008	237	74	25	99	0	99	0	99	7153.73	112
Jun 2008	292	67	21	88	0	88	0	88	7153.73	112
Jul 2008	127	110	7	117	0	117	0	117	7153.73	112
Aug 2008	65	122	4	126	0	126	0	126	7153.73	112
Sep 2008	39	118	3	121	0	121	0	121	7153.73	112
WY 2008	1032	940	87	1027	0	1027	0	1027		
Oct 2008	38	78	3	81	0	81	0	81	7153.73	112
Nov 2008	33	50	2	52	0	52	0	52	7153.73	112
Dec 2008	27	65	2	67	0	67	0	67	7153.73	112

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Crystal Reservoir

	unreg Inflow 1000 Ac-Ft	Morrow Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Tunnel Flow 1000 Ac-Ft	Below_tunnel Flow 1000 Ac-Ft
* Jan 2006	30	33	4	37	37	0	37	6749.90	16	1	37
H Feb 2006	26	31	3	33	7	28	35	6742.89	14	1	35
I Mar 2006	41	44	3	47	33	12	45	6750.39	16	3	43
S Apr 2006	129	73	13	86	85	0	85	6752.73	17	48	39
T May 2006	270	72	30	102	105	0	105	6743.65	14	50	44
O Jun 2006	183	101	17	118	116	2	118	6745.00	15	65	60
R Jul 2006	86	119	7	126	126	0	126	6745.30	15	63	72
I Aug 2006	69	123	6	129	129	0	129	6744.74	15	62	79
C Sep 2006	47	107	4	114	112	1	113	6746.01	15	53	68
WY 2006	993	809	98	909	859	50	909			384	559
A Oct 2006	76	71	7	77	77	0	77	6746.08	15	40	39
L Nov 2006	46	52	5	57	58	0	58	6740.90	14	0	58
* Dec 2006	35	88	4	93	93	0	93	6738.89	13	0	99
Jan 2007	31	94	3	96	92	0	92	6753.04	17	0	92
Feb 2007	28	59	2	61	61	0	61	6753.04	17	0	61
Mar 2007	45	73	6	79	79	0	79	6753.04	17	5	74
Apr 2007	98	80	12	92	92	0	92	6753.04	17	30	62
May 2007	278	98	34	132	132	0	132	6753.04	17	55	77
Jun 2007	337	89	37	127	127	0	127	6753.04	17	60	67
Jul 2007	147	115	17	132	132	0	132	6753.04	17	65	67
Aug 2007	75	125	8	134	134	0	134	6753.04	17	65	69
Sep 2007	46	121	6	127	127	0	127	6753.04	17	55	72
WY 2007	1242	1065	141	1207	1204	0	1204			375	837
Oct 2007	44	81	7	87	87	0	87	6753.04	17	30	57
Nov 2007	38	52	5	57	57	0	57	6753.04	17	0	57
Dec 2007	32	67	5	72	72	0	72	6753.04	17	0	72
Jan 2008	31	74	5	79	79	0	79	6753.04	17	0	79
Feb 2008	30	58	4	62	62	0	62	6753.04	17	0	62
Mar 2008	46	63	7	70	70	0	70	6753.04	17	5	65
Apr 2008	96	81	12	93	93	0	93	6753.04	17	30	63
May 2008	272	99	35	134	134	0	134	6753.04	17	55	79
Jun 2008	330	88	38	126	126	0	126	6753.04	17	60	66
Jul 2008	144	117	17	134	134	0	134	6753.04	17	65	69
Aug 2008	74	126	8	134	134	0	134	6753.04	17	65	69
Sep 2008	45	121	6	127	127	0	127	6753.04	17	55	72
WY 2008	1182	1027	149	1175	1175	0	1175			365	810
Oct 2008	44	81	7	87	87	0	87	6753.04	17	30	57
Nov 2008	38	52	5	57	57	0	57	6753.04	17	0	57
Dec 2008	32	67	5	72	72	0	72	6753.04	17	0	72

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Vallecito Reservoir

		Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Jan 2006	5	5	7645.16	76
H	Feb 2006	4	4	7645.30	76
I	Mar 2006	6	1	7647.36	81
S	Apr 2006	24	2	7656.14	102
T	May 2006	62	41	7663.94	123
O	Jun 2006	28	41	7658.79	109
R	Jul 2006	20	37	7651.91	92
I	Aug 2006	28	33	7649.90	87
C	Sep 2006	24	26	7648.87	84
	WY 2006	247	238		
A	Oct 2006	54	42	7653.51	96
L	Nov 2006	15	34	7645.48	76
*	Dec 2006	8	8	7645.38	76
	Jan 2007	5	5	7645.35	76
	Feb 2007	5	5	7645.39	76
	Mar 2007	9	5	7647.04	80
	Apr 2007	21	5	7653.84	96
	May 2007	68	50	7660.57	114
	Jun 2007	76	64	7664.73	125
	Jul 2007	30	43	7659.66	111
	Aug 2007	19	43	7649.85	87
	Sep 2007	17	30	7644.14	73
	WY 2007	327	334		
	Oct 2007	13	15	7643.12	71
	Nov 2007	8	3	7645.39	76
	Dec 2007	6	6	7645.34	76
	Jan 2008	5	5	7645.38	76
	Feb 2008	5	5	7645.24	76
	Mar 2008	8	5	7646.48	79
	Apr 2008	22	5	7653.45	95
	May 2008	69	45	7662.74	119
	Jun 2008	78	71	7664.98	125
	Jul 2008	31	43	7660.19	113
	Aug 2008	19	43	7650.56	88
	Sep 2008	17	30	7644.96	75
	WY 2008	281	276		
	Oct 2008	13	20	7641.67	68
	Nov 2008	8	4	7643.54	72
	Dec 2008	6	6	7643.49	72

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Navajo Reservoir

		Mod_Unreg Inflow 1000 Ac-Ft	Azetea Tunnel_Div 1000 Ac-Ft	Reg Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	NIIP Diversion 1000 ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Farm Flow 1000 Ac-Ft
*	Jan 2006	14	0	15	1	0	27	6072.85	1520	46
H	Feb 2006	12	0	11	1	0	20	6072.19	1511	35
I	Mar 2006	28	1	23	2	7	22	6071.64	1503	38
S	Apr 2006	117	17	78	3	20	21	6074.09	1538	58
T	May 2006	174	25	126	4	28	49	6077.20	1583	141
O	Jun 2006	54	8	58	5	43	126	6069.04	1467	196
R	Jul 2006	35	4	48	5	37	47	6066.07	1427	63
I	Aug 2006	67	5	67	4	35	38	6065.35	1417	62
C	Sep 2006	58	6	54	3	15	34	6065.53	1420	57
	WY 2006	689	72	605	32	189	484			881
A	Oct 2006	168	13	142	2	7	31	6073.01	1523	128
L	Nov 2006	42	0	62	1	0	27	6075.33	1556	47
*	Dec 2006	27	0	27	1	1	25	6075.31	1556	50
	Jan 2007	21	0	21	1	0	31	6074.58	1545	31
	Feb 2007	26	0	26	1	0	28	6074.38	1542	28
	Mar 2007	72	0	68	2	4	31	6076.55	1574	31
	Apr 2007	157	8	132	3	17	60	6080.14	1627	60
	May 2007	252	22	213	4	31	151	6081.92	1654	151
	Jun 2007	223	24	188	5	47	147	6081.17	1642	147
	Jul 2007	67	5	75	5	60	33	6079.66	1620	33
	Aug 2007	41	3	61	4	48	37	6077.81	1592	37
	Sep 2007	41	1	53	3	24	30	6077.47	1587	30
	WY 2007	1137	76	1068	32	239	631			773
	Oct 2007	38	0	40	2	7	31	6077.46	1587	31
	Nov 2007	33	0	28	1	0	30	6077.25	1584	30
	Dec 2007	24	0	24	1	0	31	6076.75	1577	31
	Jan 2008	22	0	22	1	0	30	6076.15	1568	30
	Feb 2008	31	0	32	1	0	31	6076.14	1568	31
	Mar 2008	88	2	83	2	4	31	6079.31	1615	31
	Apr 2008	174	19	137	3	17	34	6084.80	1698	34
	May 2008	279	31	223	4	31	200	6084.02	1686	200
	Jun 2008	246	45	195	5	47	212	6079.45	1617	212
	Jul 2008	74	7	79	5	51	31	6078.92	1609	31
	Aug 2008	43	0	67	4	42	30	6078.30	1599	30
	Sep 2008	42	0	55	3	24	31	6078.09	1596	31
	WY 2008	1094	104	985	32	223	722			722
	Oct 2008	38	0	45	2	7	31	6078.42	1601	31
	Nov 2008	33	0	29	1	0	30	6078.26	1599	30
	Dec 2008	24	0	24	1	0	31	6077.77	1592	31

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Lake Powell

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Bank Storage 1000 Ac-Ft	EOM Storage 1000 Ac-Ft	Lees Ferry 1000 Ac-Ft
*	Jan 2006	368	430	13	800	0	800	3594.21	18824	11206	825
H	Feb 2006	332	390	14	800	0	800	3589.70	18812	10793	822
I	Mar 2006	448	482	12	602	0	602	3588.71	18769	10704	614
S	Apr 2006	1015	907	19	603	0	603	3592.99	18666	11093	618
T	May 2006	2040	1730	27	602	0	602	3605.25	18602	12258	615
O	Jun 2006	1645	1497	42	801	0	801	3610.35	18748	12766	826
R	Jul 2006	618	666	44	829	0	829	3606.85	18891	12416	864
I	Aug 2006	425	507	49	827	0	827	3602.78	18921	12017	877
C	Sep 2006	418	507	46	536	0	536	3601.74	18945	11917	573
	WY 2006	8769	8713	336	8229	0	8229				8522
A	Oct 2006	1018	923	27	606	0	606	3607.96	18626	12526	635
L	Nov 2006	558	536	24	603	0	603	3606.85	18645	12416	628
*	Dec 2006	402	502	21	801	0	801	3603.39	18664	12076	834
	Jan 2007	375	487	19	800	0	800	3600.20	18640	11769	800
	Feb 2007	400	466	18	605	0	605	3598.68	18628	11624	605
	Mar 2007	650	616	22	600	0	600	3598.62	18628	11619	600
	Apr 2007	943	787	25	600	0	600	3600.19	18640	11768	600
	May 2007	2141	1845	35	600	0	600	3611.56	18729	12888	600
	Jun 2007	2783	2398	43	800	0	800	3625.25	18844	14328	800
	Jul 2007	1333	1244	51	805	0	805	3628.51	18873	14687	805
	Aug 2007	563	670	53	810	0	810	3626.89	18859	14508	810
	Sep 2007	458	584	46	601	0	601	3626.37	18854	14451	601
	WY 2007	11624	11058	384	8231	0	8231				8318
	Oct 2007	506	580	41	600	0	600	3625.85	18850	14394	600
	Nov 2007	523	595	34	600	0	600	3625.52	18847	14358	600
	Dec 2007	418	538	28	800	0	800	3623.05	18825	14089	800
	Jan 2008	384	510	21	800	0	800	3620.35	18802	13801	800
	Feb 2008	409	497	20	650	0	650	3618.84	18789	13641	650
	Mar 2008	628	603	24	650	0	650	3618.21	18784	13574	650
	Apr 2008	952	804	28	800	0	800	3618.00	18782	13552	800
	May 2008	2161	1909	38	1000	0	1000	3625.53	18847	14358	1000
	Jun 2008	2808	2483	46	1100	0	1100	3636.52	18946	15596	1100
	Jul 2008	1345	1223	54	1100	0	1100	3637.07	18951	15659	1100
	Aug 2008	566	651	55	1100	0	1100	3633.01	18914	15193	1100
	Sep 2008	459	585	47	890	0	890	3630.12	18888	14867	890
	WY 2008	11159	10978	436	10090	0	10090				10090
	Oct 2008	506	583	42	600	0	600	3629.63	18883	14812	600
	Nov 2008	523	578	35	600	0	600	3629.16	18879	14759	600
	Dec 2008	418	520	29	800	0	800	3626.57	18856	14472	800

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Hoover Dam - Lake Mead

	Glen Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	SNWP Use 1000 Ac-Ft	Dwnstrm Reqmnts 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
* Jan 2006	800	65	38	595	9.7	15	595	997	1139.46	15335
H Feb 2006	800	54	35	610	11.0	14	608	1009	1141.20	15520
I Mar 2006	602	89	39	830	13.5	15	826	997	1139.48	15337
S Apr 2006	603	61	48	990	16.6	21	989	973	1135.94	14966
T May 2006	602	30	55	1071	17.4	34	1069	941	1131.14	14470
O Jun 2006	801	20	65	1036	17.4	32	1034	922	1128.26	14178
R Jul 2006	829	56	80	967	15.7	34	962	910	1126.42	13993
I Aug 2006	827	124	85	818	13.3	35	812	910	1126.54	14005
C Sep 2006	536	69	70	633	10.6	28	628	903	1125.36	13887
WY 2006	8229	702	668	9395		287	9343			
A Oct 2006	606	117	51	564	9.2	26	554	908	1126.13	13964
L Nov 2006	603	47	51	525	8.8	20	523	911	1126.63	14014
* Dec 2006	801	39	44	621	10.1	15	617	921	1128.12	14164
Jan 2007	800	73	36	633	10.3	13	633	932	1129.89	14343
Feb 2007	605	98	34	648	11.7	13	648	933	1129.97	14351
Mar 2007	600	84	37	948	15.4	16	948	913	1127.02	14053
Apr 2007	600	58	46	1073	18.0	22	1073	884	1122.46	13599
May 2007	600	78	52	992	16.1	35	992	859	1118.59	13223
Jun 2007	800	39	62	891	15.0	33	891	851	1117.16	13085
Jul 2007	805	68	77	936	15.2	32	936	840	1115.48	12924
Aug 2007	810	83	81	814	13.2	30	814	838	1115.16	12893
Sep 2007	601	71	67	687	11.5	32	687	831	1114.03	12786
WY 2007	8231	855	638	9332		287	9316			
Oct 2007	600	62	49	495	8.1	30	495	836	1114.89	12868
Nov 2007	600	57	49	618	10.4	23	618	834	1114.57	12837
Dec 2007	800	77	42	617	10.0	11	617	847	1116.60	13031
Jan 2008	800	73	35	738	12.0	12	738	852	1117.47	13115
Feb 2008	650	101	32	791	13.8	11	791	847	1116.66	13037
Mar 2008	650	84	35	1039	16.9	19	1039	825	1113.12	12699
Apr 2008	800	58	43	1065	17.9	24	1065	809	1110.38	12441
May 2008	1000	78	50	950	15.5	30	950	812	1110.86	12486
Jun 2008	1100	39	60	857	14.4	30	857	823	1112.77	12667
Jul 2008	1100	68	76	880	14.3	30	880	834	1114.58	12838
Aug 2008	1100	83	81	795	12.9	30	795	851	1117.29	13098
Sep 2008	890	71	68	677	11.4	28	677	863	1119.12	13274
WY 2008	10090	851	620	9522		278	9522			
Oct 2008	600	62	50	451	7.3	28	451	871	1120.42	13400
Nov 2008	600	57	50	627	10.5	20	627	869	1120.03	13363
Dec 2008	800	77	43	653	10.6	18	653	879	1121.61	13516

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Davis Dam - Lake Mohave

		Hoover Release 1000 Ac-Ft	Side inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Spill Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
*	Jan 2006	595	-33	564	0	564	9.2	640.52	1631
H	Feb 2006	610	-16	599	0	599	10.8	640.32	1626
I	Mar 2006	830	-27	764	0	764	12.4	641.75	1665
S	Apr 2006	990	-36	953	0	953	16.0	641.78	1665
T	May 2006	1071	-11	1034	0	1034	16.8	642.69	1690
O	Jun 2006	1036	-11	1044	0	1044	17.5	641.95	1670
R	Jul 2006	967	-9	933	0	933	15.2	642.85	1695
I	Aug 2006	818	-15	791	0	791	12.9	643.26	1706
C	Sep 2006	633	-16	738	0	738	12.4	638.76	1584
	WY 2006	9395	-224	9152	0	9152			
A	Oct 2006	564	5	686	0	686	11.2	634.29	1467
L	Nov 2006	525	5	489	0	489	8.2	635.85	1508
*	Dec 2006	621	-7	542	0	542	8.8	638.56	1579
	Jan 2007	633	-32	527	0	527	8.6	641.32	1653
	Feb 2007	648	-26	609	0	609	11.0	641.83	1667
	Mar 2007	948	-29	886	0	886	14.4	643.05	1700
	Apr 2007	1073	-36	1038	0	1038	17.4	643.01	1699
	May 2007	992	-33	959	0	959	15.6	643.01	1699
	Jun 2007	891	-28	890	0	890	15.0	642.00	1671
	Jul 2007	936	-29	920	0	920	15.0	641.50	1658
	Aug 2007	814	-35	779	0	779	12.7	641.50	1658
	Sep 2007	687	-31	750	0	750	12.6	638.00	1564
	WY 2007	9332	-276	9075	0	9075			
	Oct 2007	495	-30	659	0	659	10.7	630.49	1371
	Nov 2007	618	-28	501	0	501	8.4	634.00	1460
	Dec 2007	617	-28	466	0	466	7.6	638.71	1583
	Jan 2008	738	-32	623	0	623	10.1	641.80	1666
	Feb 2008	791	-26	765	0	765	13.3	641.80	1666
	Mar 2008	1039	-29	976	0	976	15.9	643.05	1700
	Apr 2008	1065	-36	1031	0	1031	17.3	643.01	1699
	May 2008	950	-33	917	0	917	14.9	643.01	1699
	Jun 2008	857	-28	856	0	856	14.4	642.00	1671
	Jul 2008	880	-29	864	0	864	14.1	641.50	1658
	Aug 2008	795	-35	760	0	760	12.4	641.50	1658
	Sep 2008	677	-31	739	0	739	12.4	638.00	1564
	WY 2008	9522	-365	9157	0	9157			
	Oct 2008	451	-30	614	0	614	10.0	630.49	1371
	Nov 2008	627	-28	510	0	510	8.6	634.00	1460
	Dec 2008	653	-28	502	0	502	8.2	638.71	1583

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Parker Dam - Lake Havasu

		Davis Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	MWD Diversion 1000 Ac-Ft	CAP diversion 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft	Flow_to Mexico 1000 Ac-Ft	Flow_to Mexico 1000 CFS
*	Jan 2006	564	-4	377	6.1	46	153	447.04	562	126	2.1
H	Feb 2006	599	-2	446	8.0	39	127	446.22	547	150	2.7
I	Mar 2006	764	10	615	10.0	44	98	447.15	564	209	3.4
S	Apr 2006	953	-5	725	12.2	63	166	446.83	558	194	3.3
T	May 2006	1034	-26	749	12.2	78	175	447.06	562	110	1.8
O	Jun 2006	1044	-41	730	12.3	77	182	447.78	576	128	2.2
R	Jul 2006	933	-24	742	12.1	81	77	448.22	584	125	2.0
I	Aug 2006	791	-25	636	10.3	87	47	447.98	580	99	1.6
C	Sep 2006	738	-18	548	9.2	60	137	446.67	555	94	1.6
	WY 2006	9152	-100	6695		827	1525			1552	
A	Oct 2006	686	-1	457	7.4	24	181	447.85	577	80	1.3
L	Nov 2006	489	-5	362	6.1	14	119	447.24	566	100	1.7
*	Dec 2006	542	-10	334	5.4	25	154	448.23	584	122	2.0
	Jan 2007	527	-6	372	6.1	46	134	446.57	553	128	2.1
	Feb 2007	609	10	414	7.4	51	160	446.24	547	153	2.8
	Mar 2007	886	12	699	11.4	14	176	446.70	555	204	3.3
	Apr 2007	1038	0	790	13.3	41	169	448.71	594	198	3.3
	May 2007	959	-2	738	12.0	49	170	448.71	594	109	1.8
	Jun 2007	890	-7	750	12.6	77	56	448.71	594	109	1.8
	Jul 2007	920	-9	752	12.2	85	87	448.00	580	119	1.9
	Aug 2007	779	1	623	10.1	85	82	447.50	570	96	1.6
	Sep 2007	750	8	566	9.5	74	131	446.81	557	89	1.5
	WY 2007	9075	-9	6857		585	1619			1507	
	Oct 2007	659	11	480	7.8	85	113	446.31	548	75	1.2
	Nov 2007	501	17	372	6.3	14	137	446.00	543	99	1.7
	Dec 2007	466	0	319	5.2	14	136	445.80	539	122	2.0
	Jan 2008	623	-6	371	6.0	64	181	445.80	539	128	2.1
	Feb 2008	765	10	552	9.6	57	163	446.00	543	158	2.8
	Mar 2008	976	12	733	11.9	64	179	446.70	555	204	3.3
	Apr 2008	1031	0	769	12.9	57	167	448.71	594	198	3.3
	May 2008	917	-2	680	11.1	64	172	448.71	594	109	1.8
	Jun 2008	856	-7	703	11.8	57	90	448.71	594	109	1.8
	Jul 2008	864	-9	716	11.6	64	88	448.00	580	119	1.9
	Aug 2008	760	1	629	10.2	57	84	447.50	570	96	1.6
	Sep 2008	739	8	570	9.6	57	133	446.81	557	89	1.5
	WY 2008	9157	35	6894		654	1643			1506	
	Oct 2008	614	11	478	7.8	57	99	446.31	548	75	1.2
	Nov 2008	510	17	348	5.8	57	128	446.00	543	99	1.7
	Dec 2008	502	0	332	5.4	57	117	445.80	539	122	2.0

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Hoover Dam - Lake Mead

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Hoover Static Head Feet	Hoover Generator Capacity MW	Hoover Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Jan 2006	595	9.7	1139.46	15335	204	0.00	1380.0	241.9	75	406.7
H	Feb 2006	610	11.0	1141.20	15520	184	0.00	1464.0	254.7	80	417.2
I	Mar 2006	830	13.5	1139.48	15337	-182	0.00	1501.0	348.6	82	419.9
S	Apr 2006	990	16.6	1135.94	14966	-372	0.00	1720.0	417.0	94	421.1
T	May 2006	1071	17.4	1131.14	14470	-496	0.00	1838.0	448.0	100	418.4
O	Jun 2006	1036	17.4	1128.26	14178	-293	0.00	1815.0	430.5	100	415.6
R	Jul 2006	967	15.7	1126.42	13993	-185	0.00	1793.0	396.0	100	409.4
I	Aug 2006	818	13.3	1126.54	14005	12	0.00	1751.0	331.9	100	405.6
C	Sep 2006	633	10.6	1125.36	13887	-118	0.00	1793.0	250.8	100	396.1
	WY 2006	9395							3871.7		
A	Oct 2006	564	9.2	1126.13	13964	77	0.00	1551.0	223.2	88	395.7
L	Nov 2006	525	8.8	1126.63	14014	50	0.00	1128.0	210.9	64	401.7
*	Dec 2006	621	10.1	1128.12	14164	150	0.00	1128.0	252.7	64	407.1
	Jan 2007	633	10.3	1129.89	14343	179	480.52	1233.4	269.8	70	426.5
	Feb 2007	648	11.7	1129.97	14351	8	480.48	1215.8	277.9	69	428.6
	Mar 2007	948	15.4	1127.02	14053	-298	477.14	1427.2	408.2	81	430.7
	Apr 2007	1073	18.0	1122.46	13599	-454	471.58	1656.3	456.4	94	425.3
	May 2007	992	16.1	1118.59	13223	-376	468.06	1497.8	413.5	88	416.9
	Jun 2007	891	15.0	1117.16	13085	-138	464.43	1702.0	369.3	100	414.5
	Jul 2007	936	15.2	1115.48	12924	-161	463.38	1702.0	388.0	100	414.7
	Aug 2007	814	13.2	1115.16	12893	-31	462.55	1702.0	338.6	100	415.8
	Sep 2007	687	11.5	1114.03	12786	-108	462.97	1691.0	280.8	100	408.6
	WY 2007	9332							3889.3		
	Oct 2007	495	8.1	1114.89	12868	82	466.94	1386.6	204.4	82	412.5
	Nov 2007	618	10.4	1114.57	12837	-31	471.22	1149.9	260.2	68	420.8
	Dec 2007	617	10.0	1116.60	13031	194	468.93	1268.2	256.2	75	415.4
	Jan 2008	738	12.0	1117.47	13115	83	467.82	1268.2	309.2	75	419.1
	Feb 2008	791	13.8	1116.66	13037	-78	466.18	1369.7	335.3	81	423.9
	Mar 2008	1039	16.9	1113.12	12699	-338	462.95	1471.2	432.6	87	416.3
	Apr 2008	1065	17.9	1110.38	12441	-258	460.08	1350.3	447.1	81	419.6
	May 2008	950	15.5	1110.86	12486	45	458.20	1467.0	393.4	88	413.9
	Jun 2008	857	14.4	1112.77	12667	181	458.41	1667.0	356.8	100	416.5
	Jul 2008	880	14.3	1114.58	12838	172	460.76	1667.0	367.8	100	418.1
	Aug 2008	795	12.9	1117.29	13098	259	463.16	1667.0	330.0	100	415.0
	Sep 2008	677	11.4	1119.12	13274	177	466.56	1667.0	277.7	100	410.4
	WY 2008	9522							3970.7		
	Oct 2008	451	7.3	1120.42	13400	126	472.23	1366.9	185.0	82	410.5
	Nov 2008	627	10.5	1120.03	13363	-37	475.15	1366.9	260.1	82	414.7
	Dec 2008	653	10.6	1121.61	13516	153	474.14	1250.2	271.6	75	416.0

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		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Davis Static Head Feet	Davis Generator Capacity MW	Davis Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Jan 2006	564	9.2	640.52	1631	-3	0.00	189.0	71.8	74	127.4
H	Feb 2006	599	10.8	640.32	1626	-5	0.00	232.0	75.1	91	125.4
I	Mar 2006	764	12.4	641.75	1665	39	0.00	240.0	94.3	94	123.4
S	Apr 2006	953	16.0	641.78	1665	1	0.00	255.0	119.1	100	125.0
T	May 2006	1034	16.8	642.69	1690	25	0.00	255.0	127.1	100	122.9
O	Jun 2006	1044	17.5	641.95	1670	-20	0.00	255.0	127.5	100	122.2
R	Jul 2006	933	15.2	642.85	1695	24	0.00	255.0	114.5	100	122.8
I	Aug 2006	791	12.9	643.26	1706	11	0.00	255.0	95.7	100	120.9
C	Sep 2006	738	12.4	638.76	1584	-122	0.00	255.0	100.0	100	135.4
	WY 2006	9153							1131.8		
A	Oct 2006	686	11.2	634.29	1467	-117	0.00	207.0	81.7	81	119.2
L	Nov 2006	489	8.2	635.85	1508	40	0.00	186.0	57.1	73	116.6
*	Dec 2006	542	8.8	638.56	1579	71	0.00	184.0	64.5	72	119.0
	Jan 2007	527	8.6	641.32	1653	74	134.95	183.6	65.7	72	124.8
	Feb 2007	609	11.0	641.83	1667	14	135.47	221.9	76.3	87	125.3
	Mar 2007	886	14.4	643.05	1700	33	135.87	239.7	110.7	94	125.0
	Apr 2007	1038	17.4	643.01	1699	-1	136.08	255.0	129.3	100	124.6
	May 2007	959	15.6	643.01	1699	0	136.05	255.0	120.0	100	125.1
	Jun 2007	890	15.0	642.00	1671	-28	135.52	255.0	111.2	100	124.8
	Jul 2007	920	15.0	641.50	1658	-14	134.73	255.0	114.3	100	124.2
	Aug 2007	779	12.7	641.50	1658	0	134.46	255.0	97.2	100	124.7
	Sep 2007	750	12.6	638.00	1564	-94	132.63	255.0	92.3	100	123.1
	WY 2007	9075							1120.1		
	Oct 2007	659	10.7	630.49	1371	-193	128.25	206.6	78.3	81	118.8
	Nov 2007	501	8.4	634.00	1460	89	126.80	186.2	59.1	73	117.9
	Dec 2007	466	7.6	638.71	1583	123	131.20	183.6	56.8	72	121.9
	Jan 2008	623	10.1	641.80	1666	83	135.27	183.6	77.5	72	124.5
	Feb 2008	765	13.3	641.80	1666	0	135.71	221.9	95.4	87	124.7
	Mar 2008	976	15.9	643.05	1700	34	135.86	239.7	121.5	94	124.5
	Apr 2008	1031	17.3	643.01	1699	-1	136.08	255.0	128.4	100	124.6
	May 2008	917	14.9	643.01	1699	0	136.05	255.0	115.0	100	125.3
	Jun 2008	856	14.4	642.00	1671	-28	135.52	255.0	107.0	100	125.0
	Jul 2008	864	14.1	641.50	1658	-14	134.73	255.0	107.5	100	124.4
	Aug 2008	760	12.4	641.50	1658	0	134.46	255.0	94.8	100	124.8
	Sep 2008	739	12.4	638.00	1564	-94	132.63	255.0	91.1	100	123.2
	WY 2008	9157							1132.5		
	Oct 2008	614	10.0	630.49	1371	-193	128.25	206.6	73.1	81	119.1
	Nov 2008	510	8.6	634.00	1460	89	126.80	186.2	60.1	73	117.8
	Dec 2008	502	8.2	638.71	1583	123	131.20	183.6	61.1	72	121.7

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Parker Dam - Lake Havasu

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Parker Static Head Feet	Parker Generator Capacity MW	Parker Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Jan 2006	377	6.1	447.04	562	-17	0.00	120.0	25.0	100	66.3
H	Feb 2006	446	8.0	446.22	547	-15	0.00	120.0	29.7	100	66.4
I	Mar 2006	615	10.0	447.15	564	17	0.00	110.0	40.3	92	65.5
S	Apr 2006	725	12.2	446.83	558	-6	0.00	120.0	48.6	100	67.1
T	May 2006	749	12.2	447.06	562	4	0.00	120.0	50.4	100	67.2
O	Jun 2006	730	12.3	447.78	576	14	0.00	120.0	48.5	100	66.4
R	Jul 2006	742	12.1	448.22	584	8	0.00	120.0	49.9	100	67.2
I	Aug 2006	636	10.3	447.98	580	-5	0.00	120.0	41.6	100	65.4
C	Sep 2006	548	9.2	446.67	555	-25	0.00	120.0	37.0	100	67.6
	WY 2006	6695							448.2		
A	Oct 2006	457	7.4	447.85	577	22	0.00	91.0	30.8	76	67.4
L	Nov 2006	362	6.1	447.24	566	-11	0.00	96.0	24.1	80	66.6
*	Dec 2006	334	5.4	448.23	584	19	0.00	107.0	21.8	89	65.2
	Jan 2007	372	6.1	446.57	553	-32	75.82	97.2	24.1	81	64.7
	Feb 2007	414	7.4	446.24	547	-6	73.82	120.0	26.4	100	63.9
	Mar 2007	699	11.4	446.70	555	8	73.89	120.0	45.3	100	64.8
	Apr 2007	790	13.3	448.71	594	38	75.09	120.0	52.1	100	66.0
	May 2007	738	12.0	448.71	594	0	76.06	120.0	49.1	100	66.6
	Jun 2007	750	12.6	448.71	594	0	76.06	120.0	50.0	100	66.7
	Jul 2007	752	12.2	448.00	580	-14	75.72	120.0	49.9	100	66.4
	Aug 2007	623	10.1	447.50	570	-10	75.13	120.0	40.8	100	65.5
	Sep 2007	566	9.5	446.81	557	-13	74.55	120.0	36.7	100	65.0
	WY 2007	6856							451.2		
	Oct 2007	480	7.8	446.31	548	-9	75.31	91.2	31.4	76	65.3
	Nov 2007	372	6.3	446.00	543	-6	74.67	96.0	23.9	80	64.1
	Dec 2007	319	5.2	445.80	539	-4	73.91	106.8	20.0	89	62.8
	Jan 2008	371	6.0	445.80	539	0	74.27	97.2	23.7	81	63.7
	Feb 2008	552	9.6	446.00	543	4	73.33	120.0	35.4	100	64.1
	Mar 2008	733	11.9	446.70	555	13	73.77	120.0	47.5	100	64.8
	Apr 2008	769	12.9	448.71	594	38	75.09	120.0	50.7	100	66.0
	May 2008	680	11.1	448.71	594	0	76.06	120.0	45.2	100	66.4
	Jun 2008	703	11.8	448.71	594	0	76.06	120.0	46.8	100	66.6
	Jul 2008	716	11.6	448.00	580	-14	75.72	120.0	47.4	100	66.3
	Aug 2008	629	10.2	447.50	570	-10	75.13	120.0	41.3	100	65.6
	Sep 2008	570	9.6	446.81	557	-13	74.55	120.0	37.1	100	65.0
	WY 2008	6895							450.2		
	Oct 2008	478	7.8	446.31	548	-9	75.31	91.2	31.2	76	65.3
	Nov 2008	348	5.8	446.00	543	-6	74.67	96.0	22.2	80	63.9
	Dec 2008	332	5.4	445.80	539	-4	73.91	106.8	20.9	89	63.0

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Upper Basin Power

		Glen Canyon 1000 MWHR	Flam Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Res 1000 MWHR	Font Res 1000 MWHR
*	Jan 2006	331	30	9	11	6	4
H	Feb 2006	317	26	7	10	1	3
I	Mar 2006	244	30	12	14	6	3
	Winter 2006	1645	174	57	73	30	17
S	Apr 2006	245	29	18	26	17	4
T	May 2006	248	63	15	25	21	7
O	Jun 2006	341	29	29	36	21	8
R	Jul 2006	351	20	38	43	22	6
I	Aug 2006	349	18	38	45	22	6
C	Sep 2006	223	19	30	39	20	2
	Summer 2006	1756	177	168	213	123	33
A	Oct 2006	254	19	20	25	15	4
L	Nov 2006	254	19	14	18	10	4
*	Dec 2006	338	28	25	31	18	4
	Jan 2007	317	27	28	34	15	4
	Feb 2007	239	24	16	21	11	4
	Mar 2007	237	18	20	26	14	4
	Winter 2007	1638	135	124	155	82	24
	Apr 2007	237	17	19	29	16	5
	May 2007	240	47	21	35	23	6
	Jun 2007	329	67	21	32	22	9
	Jul 2007	336	33	34	41	23	10
	Aug 2007	338	33	38	45	23	9
	Sep 2007	250	32	36	43	22	6
	Summer 2007	1731	228	171	226	128	44
	Oct 2007	249	33	24	29	15	7
	Nov 2007	249	39	15	19	10	6
	Dec 2007	332	41	19	24	12	6
	Jan 2008	331	40	21	27	14	6
	Feb 2008	268	38	16	21	11	5
	Mar 2008	267	38	17	23	12	5
	Winter 2008	1696	229	112	142	74	33
	Apr 2008	328	37	20	29	16	5
	May 2008	413	61	22	36	23	6
	Jun 2008	463	81	21	32	22	8
	Jul 2008	468	34	35	42	23	10
	Aug 2008	466	34	38	45	23	9
	Sep 2008	375	33	36	43	22	6
	Summer 2008	2513	279	171	227	129	44
	Oct 2008	251	34	24	29	15	7
	Nov 2008	251	33	15	19	10	6
	Dec 2008	334	34	19	24	12	6

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model_run_id = 1659

FLOOD CONTROL CRITERIA
BEGINNING OF MONTH CONDITIONS

MON	YEAR	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	LAKE POWELL KAF	UPPER BASIN TOTAL KAF	LAKE MEAD KAF	TOTAL KAF	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	TOT OR MAX ALLOW KAF	LAKE POWELL KAF	LAKE MEAD KAF	TOTAL KAF	BOM SPACE REQD KAF	MEAD SCHED REL KAF	MEAD FC REL KAF	SYS CONT MAF
		* * * * PREDICTED SPACE * * * *							* * * * CREDITABLE SPACE * * * *									
JAN	2007	789	242	140	12244	13415	13216	26631	789	242	140	1171	12244	13216	26631	5350	633	0	33.9
									* * * * EFFECTIVE SPACE * * * *									
JAN	2007	789	242	140	12244	13415	13216	26631	410	240	140	790	12244	13216	26250	5350	633	0	33.9
FEB	2007	832	315	151	12551	13848	13037	26885	451	311	151	913	12551	13037	26500	1500	648	0	33.7
MAR	2007	866	349	154	12696	14064	13029	27092	483	344	154	980	12696	13029	26705	1500	948	0	33.4
APR	2007	840	385	122	12701	14048	13327	27375	452	378	122	952	12701	13327	26980	1500	1073	0	33.3
MAY	2007	770	373	69	12552	13764	13781	27545	375	371	69	815	12552	13781	27147	1500	992	0	34.3
JUN	2007	678	234	42	11432	12386	14157	26543	272	226	42	541	11432	14157	26130	1500	891	0	35.9
JUL	2007	522	43	54	9992	10610	14295	24906	104	16	42	162	9992	14295	24449	1500	936	0	36.2
									* * * * CREDITABLE SPACE * * * *									
AUG	2007	436	27	76	9633	10173	14456	24629	436	27	76	540	9633	14456	24629	1500	814	0	35.8
SEP	2007	452	80	104	9812	10447	14487	24934	452	80	104	635	9812	14487	24934	2270	687	0	35.4
OCT	2007	495	153	109	9869	10626	14594	25220	495	153	109	756	9869	14594	25220	3040	495	0	35.2
NOV	2007	532	190	109	9926	10758	14512	25270	532	190	109	832	9926	14512	25270	3810	618	0	35.1
DEC	2007	592	209	112	9962	10875	14543	25418	592	209	112	913	9962	14543	25418	4580	617	0	35.0
JAN	2008	667	248	119	10231	11266	14349	25614	667	248	119	1034	10231	14349	25614	5350	738	0	34.8
									* * * * EFFECTIVE SPACE * * * *									
JAN	2008	667	248	119	10231	11266	14349	25614	317	248	119	685	10231	14349	25265	5350	738	0	34.8
FEB	2008	738	296	128	10519	11681	14265	25946	387	296	128	811	10519	14265	25595	1500	791	0	34.5
MAR	2008	796	327	128	10679	11931	14343	26274	443	327	128	899	10679	14343	25921	1500	1039	0	34.1
APR	2008	802	352	81	10746	11981	14681	26661	444	352	81	878	10746	14681	26304	1500	1065	0	34.0
MAY	2008	767	347	-2	10768	11880	14939	26819	404	347	-2	749	10768	14939	26455	1500	950	0	35.1
JUN	2008	680	220	10	9962	10871	14894	25765	306	215	10	531	9962	14894	25387	1500	857	0	36.7
JUL	2008	515	38	79	8724	9355	14713	24069	127	11	48	186	8724	14713	23623	1500	880	0	37.1
									* * * * CREDITABLE SPACE * * * *									
AUG	2008	406	27	87	8661	9181	14542	23722	406	27	87	520	8661	14542	23722	1500	795	0	36.8
SEP	2008	416	79	97	9127	9719	14282	24001	416	79	97	592	9127	14282	24001	2270	677	0	36.4
OCT	2008	460	152	100	9453	10165	14106	24271	460	152	100	712	9453	14106	24271	3040	451	0	36.2
NOV	2008	501	190	95	9508	10294	13980	24274	501	190	95	786	9508	13980	24274	3810	627	0	36.1
DEC	2008	543	209	97	9561	10410	14017	24427	543	209	97	849	9561	14017	24427	4580	653	0	36.0

To: All Annual Operating Plan Recipients

From: Lower Colorado Region
Boulder Canyon Operations Office
River Operations Group
Doug Blatchford, Manager
P.O. Box 61470
Boulder City, NV 89006-1470
Phone: 702-293-8190

This operation study reflects the 2007 Annual Operating Plan (AOP) as signed by the Secretary of the Interior. The Partial Domestic Surplus condition is the criterion governing the operation of Lake Mead for calendar year 2007. A copy of the 2007 AOP can be obtained by contacting (702)293-8190 or visit our website at www.usbr.gov/lc/riverops.html.

In this study, the Calendar Year (CY) 2007 diversion for Metropolitan Water District of Southern California (MWD) is forecasted to be 0.639 million acre-feet (maf). The CY 2007 diversion for the Central Arizona Project (CAP) is forecasted to be 1.551 maf. Consumptive use for Nevada above Hoover is forecasted to be 0.290 maf for CY 2007.

At this time, preliminary estimates for water demand schedules for CY 2007 in the Lower Basin do not reflect Partial Domestic schedules. This does not preclude any entity entitled to a Partial Domestic Surplus from requesting it at a later time in CY 2007. Lake Mead's elevation is projected to be 1116.76 feet at the end of CY 2007. According to the Interim Surplus Guidelines, when Lake Mead's elevation is projected to be below elevation 1125 feet, the Normal Criterion governs the operation of Lake Mead.

Due to declining Lake Mead elevations, Hoover's generator capacity is adjusted based on estimated effective capacity and plant availability. The estimated effective capacity is based on projected Lake Mead elevations. Unit capacity tests will be performed as the lake elevation changes in 2' increments. This study reflects these changes in the projections.

Current runoff projections into Lake Powell are provided by the National Weather Service's Colorado Basin River Forecast Center and are as follows: observed unregulated inflow into Lake Powell for the month of January, 2007 was 0.315 maf or 78% of the 30 year average. The forecast for February, 2007 unregulated inflow into Lake Powell is 0.375 maf or 89% of the 30 year average. The forecast for the April through July unregulated inflow period is projected to be 5.9 maf or 74% of average.

Hoover, Davis, and Parker historical gross energy figures come from PO&M reports provided by the Power and O&M Group, Boulder Canyon Operations, Bureau of Reclamation, Boulder City, Nevada. Questions regarding these historical energy numbers can be directed to Larry Karr at (702) 293-8094.

(Note: Lower Basin previous months' historical SNWP and flow to Mexico values are preliminary estimates.)

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Fontenelle Reservoir

	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
* Feb 2006	28	0	49	0	49	6476.04	147
H Mar 2006	39	1	54	0	54	6472.77	131
I Apr 2006	98	1	66	0	66	6479.16	162
S May 2006	219	2	99	19	118	6494.92	262
T Jun 2006	217	2	100	91	191	6498.17	285
O Jul 2006	86	3	68	0	68	6500.17	300
R Aug 2006	35	2	68	1	69	6495.25	264
I Sep 2006	29	2	23	28	51	6491.84	240
WY 2006	895	17	683	200	883		
C Oct 2006	41	1	54	1	55	6489.68	226
A Nov 2006	40	1	54	0	54	6487.35	210
L Dec 2006	29	1	57	0	57	6482.67	182
* Jan 2007	26	1	56	0	56	6477.07	152
Feb 2007	24	0	51	0	51	6471.28	125
Mar 2007	40	0	56	0	56	6467.37	108
Apr 2007	75	1	70	0	70	6468.37	112
May 2007	134	1	87	0	87	6478.27	158
Jun 2007	234	2	89	0	89	6500.24	301
Jul 2007	142	3	101	1	102	6504.97	337
Aug 2007	70	2	92	0	92	6501.78	313
Sep 2007	45	2	60	9	69	6498.39	287
WY 2007	900	15	827	11	838		
Oct 2007	49	1	69	0	69	6495.38	265
Nov 2007	41	1	67	0	67	6491.55	238
Dec 2007	32	1	69	0	69	6485.74	201
Jan 2008	30	1	69	0	69	6478.78	160
Feb 2008	28	0	65	0	65	6470.97	123
Mar 2008	51	0	69	0	69	6466.52	105
Apr 2008	89	1	88	0	88	6466.64	105
May 2008	176	1	97	24	121	6478.59	159
Jun 2008	308	2	102	64	166	6500.09	300
Jul 2008	186	3	101	45	146	6504.93	337
Aug 2008	83	2	100	4	104	6501.91	313
Sep 2008	49	2	60	8	68	6499.06	292
WY 2008	1122	15	956	145	1101		
Oct 2008	49	1	71	0	71	6495.86	269
Nov 2008	41	1	68	0	68	6491.83	240
Dec 2008	32	1	71	0	71	6485.80	201
Jan 2009	30	1	71	0	71	6478.55	159

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Flaming Gorge Reservoir

	Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Yampa Flow 1000 Ac-Ft	Jensen Flow 1000 Ac-Ft
* Feb 2006	32	54	2	78	0	78	84	6021.46	3031	0	111
H Mar 2006	65	80	3	87	0	87	84	6021.20	3022	0	162
I Apr 2006	134	103	5	84	0	84	84	6021.59	3036	0	436
S May 2006	261	160	7	178	4	182	83	6020.81	3008	0	739
T Jun 2006	239	214	10	78	0	78	88	6024.17	3130	0	393
O Jul 2006	90	71	13	54	0	54	88	6024.29	3134	0	104
R Aug 2006	32	65	12	50	0	50	88	6024.35	3136	0	65
I Sep 2006	31	54	10	50	0	50	88	6024.19	3130	0	77
WY 2006	1041	1031	77	999	4	1003					2586
C Oct 2006	50	64	7	50	0	50	88	6024.37	3137	0	114
A Nov 2006	43	57	4	48	0	48	89	6024.50	3142	0	100
L Dec 2006	29	58	2	76	0	76	88	6023.99	3123	0	110
* Jan 2007	33	63	2	75	0	75	87	6023.61	3109	0	592
Feb 2007	32	59	2	67	0	67	87	6023.34	3099	0	67
Mar 2007	75	91	3	52	0	52	88	6024.30	3134	0	52
Apr 2007	105	100	5	48	0	48	90	6025.56	3181	0	48
May 2007	192	146	8	129	0	129	90	6025.79	3190	0	129
Jun 2007	292	147	10	141	0	141	90	6025.69	3186	0	141
Jul 2007	160	121	13	68	0	68	91	6026.72	3224	0	68
Aug 2007	79	102	12	68	0	68	92	6027.29	3245	0	68
Sep 2007	53	77	11	65	0	65	92	6027.30	3246	0	65
WY 2007	1143	1085	79	887	0	887					1554
Oct 2007	59	80	7	68	0	68	92	6027.43	3251	0	68
Nov 2007	51	77	3	84	0	84	92	6027.18	3242	0	83
Dec 2007	37	74	2	89	0	89	91	6026.75	3225	0	89
Jan 2008	41	80	2	89	0	89	91	6026.48	3215	0	89
Feb 2008	47	84	2	83	0	83	91	6026.42	3213	0	83
Mar 2008	103	121	3	117	0	117	91	6026.46	3214	0	117
Apr 2008	142	141	5	128	0	128	91	6026.67	3222	0	128
May 2008	263	208	8	184	0	184	92	6027.10	3239	0	184
Jun 2008	400	257	10	222	0	222	92	6027.74	3263	0	222
Jul 2008	219	179	14	101	0	101	94	6029.37	3325	0	101
Aug 2008	97	118	13	101	0	101	94	6029.46	3328	0	101
Sep 2008	58	78	11	98	0	98	93	6028.67	3298	0	98
WY 2008	1517	1497	80	1364	0	1364					1363
Oct 2008	59	81	7	101	0	101	93	6027.98	3272	0	101
Nov 2008	51	79	3	98	0	98	92	6027.40	3250	0	98
Dec 2008	37	76	2	101	0	101	91	6026.69	3223	0	101
Jan 2009	41	82	2	101	0	101	90	6026.13	3202	0	101

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Taylor Park Reservoir

		Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Feb 2006	3	4	9310.90	71
H	Mar 2006	4	5	9310.46	71
I	Apr 2006	10	7	9312.57	74
S	May 2006	28	12	9321.23	89
T	Jun 2006	24	18	9324.06	95
O	Jul 2006	12	18	9320.55	88
R	Aug 2006	9	18	9315.25	79
I	Sep 2006	8	14	9311.30	72
	WY 2006	120	116		
C	Oct 2006	10	5	9314.16	77
A	Nov 2006	6	4	9315.22	79
L	Dec 2006	5	5	9315.38	79
*	Jan 2007	4	5	9315.07	78
	Feb 2007	4	3	9315.80	80
	Mar 2007	5	3	9316.72	81
	Apr 2007	9	12	9314.90	78
	May 2007	24	19	9317.65	83
	Jun 2007	38	20	9327.02	100
	Jul 2007	18	20	9325.92	98
	Aug 2007	9	18	9321.27	89
	Sep 2007	7	16	9316.06	80
	WY 2007	139	130		
	Oct 2007	6	12	9312.55	74
	Nov 2007	5	6	9311.87	73
	Dec 2007	4	5	9311.52	72
	Jan 2008	4	5	9311.02	72
	Feb 2008	4	5	9310.30	70
	Mar 2008	4	5	9309.83	70
	Apr 2008	8	10	9308.76	68
	May 2008	27	18	9314.41	77
	Jun 2008	43	20	9326.91	100
	Jul 2008	20	21	9326.61	99
	Aug 2008	10	20	9321.38	89
	Sep 2008	7	16	9316.34	80
	WY 2008	142	143		
	Oct 2008	6	12	9312.85	75
	Nov 2008	5	6	9312.17	73
	Dec 2008	4	5	9311.82	73
	Jan 2009	4	5	9311.32	72

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Blue Mesa Reservoir

	Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir elevation EOM Feet	Live Storage 1000 Ac-Ft
* Feb 2006	21	22	0	26	0	26	7488.48	570
H Mar 2006	36	37	0	42	0	42	7487.77	564
I Apr 2006	104	100	1	62	0	62	7492.66	602
S May 2006	216	201	1	51	0	51	7510.68	752
T Jun 2006	155	149	1	91	0	91	7517.05	808
O Jul 2006	76	83	2	117	0	117	7513.07	773
R Aug 2006	60	69	1	121	0	121	7506.88	719
I Sep 2006	41	48	1	99	0	99	7500.66	667
WY 2006	828	828	8	740	0	740		
C Oct 2006	70	65	1	74	0	74	7499.52	657
A Nov 2006	42	40	0	52	0	52	7498.10	646
L Dec 2006	35	35	0	93	0	93	7490.78	587
* Jan 2007	30	31	0	93	0	93	7482.56	525
Feb 2007	25	24	0	55	0	55	7478.26	493
Mar 2007	37	35	0	45	0	45	7476.92	484
Apr 2007	78	81	1	53	0	53	7480.78	512
May 2007	190	186	1	61	0	61	7496.80	635
Jun 2007	243	226	1	66	0	66	7515.42	794
Jul 2007	108	110	2	100	0	100	7516.40	803
Aug 2007	57	66	1	122	0	122	7509.97	746
Sep 2007	35	44	1	112	0	112	7501.88	677
WY 2007	950	943	8	926	0	926		
Oct 2007	35	41	1	78	0	78	7497.30	639
Nov 2007	31	32	0	50	0	50	7495.00	621
Dec 2007	25	26	0	65	0	65	7489.99	581
Jan 2008	24	25	0	67	0	67	7484.45	539
Feb 2008	23	24	0	56	0	56	7480.07	507
Mar 2008	34	35	0	61	0	61	7476.40	480
Apr 2008	73	75	1	69	0	69	7477.14	485
May 2008	212	203	1	74	0	74	7494.05	613
Jun 2008	271	248	1	67	0	67	7515.35	793
Jul 2008	121	121	2	110	0	110	7516.42	803
Aug 2008	62	72	1	122	0	122	7510.60	751
Sep 2008	36	45	1	118	0	118	7501.93	677
WY 2008	947	947	8	937	0	937		
Oct 2008	35	41	1	78	0	78	7497.35	640
Nov 2008	31	32	0	50	0	50	7495.05	621
Dec 2008	25	26	0	65	0	65	7490.05	582
Jan 2009	24	25	0	72	0	72	7483.84	534

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Morrow Point Reservoir

		Unreg Inflow 1000 Ac-Ft	Blue_Mesa Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Evap losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Feb 2006	23	26	2	28	0	31	0	31	7148.97	108
H	Mar 2006	38	42	2	44	0	44	0	44	7148.31	108
I	Apr 2006	116	62	12	74	0	73	0	73	7149.60	109
S	May 2006	240	51	24	74	0	72	0	72	7152.51	111
T	Jun 2006	166	91	11	102	0	101	0	101	7153.49	112
O	Jul 2006	79	117	3	120	0	119	0	119	7154.36	113
R	Aug 2006	62	121	3	124	0	123	0	123	7156.04	114
I	Sep 2006	43	99	2	101	0	107	0	107	7145.25	105
	WY 2006	893	740	66	805	0	809	0	809		
C	Oct 2006	72	74	-1	73	0	71	0	71	7148.31	108
A	Nov 2006	41	52	-1	50	0	52	0	52	7146.13	106
L	Dec 2006	31	93	-4	89	0	88	0	88	7146.46	106
*	Jan 2007	25	93	-5	88	0	88	0	88	7145.92	106
	Feb 2007	28	55	3	58	0	52	0	52	7153.73	112
	Mar 2007	41	45	4	49	0	49	0	49	7153.73	112
	Apr 2007	90	53	12	64	0	64	0	64	7153.73	112
	May 2007	212	61	21	82	0	82	0	82	7153.73	112
	Jun 2007	260	66	17	83	0	83	0	83	7153.73	112
	Jul 2007	114	100	5	105	0	105	0	105	7153.73	112
	Aug 2007	60	122	3	125	0	125	0	125	7153.73	112
	Sep 2007	38	112	3	114	0	115	0	115	7153.73	112
	WY 2007	1012	926	57	980	0	974	0	974		
	Oct 2007	38	78	3	81	0	81	0	81	7153.73	112
	Nov 2007	33	50	2	52	0	52	0	52	7153.73	112
	Dec 2007	27	65	2	67	0	67	0	67	7153.73	112
	Jan 2008	26	67	2	69	0	69	0	69	7153.73	112
	Feb 2008	26	56	3	59	0	59	0	59	7153.73	112
	Mar 2008	38	61	4	65	0	65	0	65	7153.73	112
	Apr 2008	84	69	11	80	0	80	0	80	7153.73	112
	May 2008	237	74	25	99	0	99	0	99	7153.73	112
	Jun 2008	292	67	21	88	0	88	0	88	7153.73	112
	Jul 2008	127	110	7	117	0	117	0	117	7153.73	112
	Aug 2008	65	122	4	126	0	126	0	126	7153.73	112
	Sep 2008	39	118	3	121	0	121	0	121	7153.73	112
	WY 2008	1032	937	87	1024	0	1024	0	1024		
	Oct 2008	38	78	3	81	0	81	0	81	7153.73	112
	Nov 2008	33	50	2	52	0	52	0	52	7153.73	112
	Dec 2008	27	65	2	67	0	67	0	67	7153.73	112
	Jan 2009	26	72	2	74	0	74	0	74	7153.73	112

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Crystal Reservoir

	unreg Inflow 1000 Ac-Ft	Morrow Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Tunnel Flow 1000 Ac-Ft	Below_tunnel Flow 1000 Ac-Ft
* Feb 2006	26	31	3	33	7	28	35	6742.89	14	1	35
H Mar 2006	41	44	3	47	33	12	45	6750.39	16	3	43
I Apr 2006	129	73	13	86	85	0	85	6752.73	17	48	39
S May 2006	270	72	30	102	105	0	105	6743.65	14	50	44
T Jun 2006	183	101	17	118	116	2	118	6745.00	15	65	60
O Jul 2006	86	119	7	126	126	0	126	6745.30	15	63	72
R Aug 2006	69	123	6	129	129	0	129	6744.74	15	62	79
I Sep 2006	47	107	4	114	112	1	113	6746.01	15	53	68
WY 2006	993	809	98	909	859	50	909			384	559
C Oct 2006	76	71	7	77	77	0	77	6746.08	15	40	39
A Nov 2006	46	52	5	57	58	0	58	6740.90	14	0	58
L Dec 2006	35	88	4	93	93	0	93	6738.89	13	0	99
* Jan 2007	29	88	4	92	85	8	93	6737.51	13	1	101
Feb 2007	30	52	2	54	50	0	50	6753.04	17	0	50
Mar 2007	47	49	6	55	55	0	55	6753.04	17	5	50
Apr 2007	103	64	13	78	78	0	78	6753.04	17	30	48
May 2007	239	82	28	110	110	0	110	6753.04	17	55	55
Jun 2007	291	83	30	113	113	0	113	6753.04	17	60	53
Jul 2007	127	105	14	119	119	0	119	6753.04	17	65	54
Aug 2007	68	125	7	132	132	0	132	6753.04	17	65	67
Sep 2007	44	115	6	120	121	0	121	6753.04	17	55	66
WY 2007	1135	974	126	1100	1091	8	1099			376	740
Oct 2007	44	81	7	87	87	0	87	6753.04	17	30	57
Nov 2007	38	52	5	57	57	0	57	6753.04	17	0	57
Dec 2007	32	67	5	72	72	0	72	6753.04	17	0	72
Jan 2008	31	69	5	74	74	0	74	6753.04	17	0	74
Feb 2008	30	59	4	63	63	0	63	6753.04	17	0	63
Mar 2008	46	65	7	72	72	0	72	6753.04	17	5	67
Apr 2008	96	80	12	92	92	0	92	6753.04	17	30	62
May 2008	272	99	35	134	134	0	134	6753.04	17	55	79
Jun 2008	330	88	38	126	126	0	126	6753.04	17	60	66
Jul 2008	144	117	17	134	134	0	134	6753.04	17	65	69
Aug 2008	74	126	8	134	134	0	134	6753.04	17	65	69
Sep 2008	45	121	6	127	127	0	127	6753.04	17	55	72
WY 2008	1182	1024	149	1172	1172	0	1172			365	807
Oct 2008	44	81	7	87	87	0	87	6753.04	17	30	57
Nov 2008	38	52	5	57	57	0	57	6753.04	17	0	57
Dec 2008	32	67	5	72	72	0	72	6753.04	17	0	72
Jan 2009	31	74	5	79	79	0	79	6753.04	17	0	79

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Vallecito Reservoir

		Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Feb 2006	4	4	7645.30	76
H	Mar 2006	6	1	7647.36	81
I	Apr 2006	24	2	7656.14	102
S	May 2006	62	41	7663.94	123
T	Jun 2006	28	41	7658.79	109
O	Jul 2006	20	37	7651.91	92
R	Aug 2006	28	33	7649.90	87
I	Sep 2006	24	26	7648.87	84
	WY 2006	247	238		
C	Oct 2006	54	42	7653.51	96
A	Nov 2006	15	34	7645.48	76
L	Dec 2006	8	8	7645.38	76
*	Jan 2007	7	6	7645.38	76
	Feb 2007	5	5	7645.56	77
	Mar 2007	9	5	7647.21	80
	Apr 2007	20	5	7653.39	95
	May 2007	68	50	7660.37	113
	Jun 2007	76	64	7664.78	125
	Jul 2007	30	43	7659.81	112
	Aug 2007	19	43	7650.05	87
	Sep 2007	17	30	7644.38	74
	WY 2007	328	335		
	Oct 2007	13	15	7643.35	72
	Nov 2007	8	4	7645.18	76
	Dec 2007	6	4	7646.00	78
	Jan 2008	5	4	7646.48	79
	Feb 2008	5	4	7646.55	79
	Mar 2008	8	5	7647.78	82
	Apr 2008	22	10	7652.65	93
	May 2008	69	45	7662.00	117
	Jun 2008	78	70	7664.61	124
	Jul 2008	31	43	7659.82	112
	Aug 2008	19	43	7650.16	87
	Sep 2008	17	30	7644.53	74
	WY 2008	281	277		
	Oct 2008	13	15	7643.51	72
	Nov 2008	8	4	7645.33	76
	Dec 2008	6	6	7645.28	76
	Jan 2009	5	5	7645.32	76

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Navajo Reservoir

		Mod_Unreg Inflow 1000 Ac-Ft	Azetea Tunnel_Div 1000 Ac-Ft	Reg Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	NIIP Diversion 1000 ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Farm Flow 1000 Ac-Ft
*	Feb 2006	12	0	11	1	0	20	6072.19	1511	35
H	Mar 2006	28	1	23	2	7	22	6071.64	1503	38
I	Apr 2006	117	17	78	3	20	21	6074.09	1538	58
S	May 2006	174	25	126	4	28	49	6077.20	1583	141
T	Jun 2006	54	8	58	5	43	126	6069.04	1467	196
O	Jul 2006	35	4	48	5	37	47	6066.07	1427	63
R	Aug 2006	67	5	67	4	35	38	6065.35	1417	62
I	Sep 2006	58	6	54	3	15	34	6065.53	1420	57
	WY 2006	689	72	605	32	189	484			881
C	Oct 2006	168	13	141	2	7	29	6073.01	1523	128
A	Nov 2006	42	0	62	1	0	27	6075.33	1556	47
L	Dec 2006	27	0	27	1	1	26	6075.31	1556	50
*	Jan 2007	22	0	21	1	1	29	6074.67	1546	46
	Feb 2007	24	0	24	1	0	28	6074.31	1541	28
	Mar 2007	80	4	72	2	4	31	6076.74	1577	31
	Apr 2007	145	13	117	3	17	34	6081.03	1640	34
	May 2007	258	33	207	4	31	200	6079.15	1612	200
	Jun 2007	228	40	176	5	47	212	6073.11	1524	212
	Jul 2007	69	13	69	5	51	33	6071.69	1504	33
	Aug 2007	41	13	52	4	42	37	6069.48	1473	37
	Sep 2007	41	4	50	3	24	30	6068.96	1466	30
	WY 2007	1145	133	1018	32	225	716			876
	Oct 2007	38	0	40	2	7	31	6068.95	1466	31
	Nov 2007	33	0	29	1	0	30	6068.81	1464	30
	Dec 2007	24	0	22	1	0	31	6068.13	1455	31
	Jan 2008	22	0	21	1	0	31	6067.35	1444	31
	Feb 2008	31	0	31	1	0	28	6067.52	1447	28
	Mar 2008	88	2	83	2	4	31	6070.93	1493	31
	Apr 2008	174	19	142	3	17	30	6077.40	1586	30
	May 2008	279	31	223	4	31	121	6081.90	1654	121
	Jun 2008	246	45	194	5	47	182	6079.21	1613	182
	Jul 2008	74	7	79	5	51	31	6078.68	1605	31
	Aug 2008	43	0	67	4	42	31	6077.98	1595	31
	Sep 2008	42	0	55	3	24	30	6077.83	1593	30
	WY 2008	1094	104	986	32	223	607			607
	Oct 2008	38	0	40	2	7	31	6077.83	1593	31
	Nov 2008	33	0	29	1	0	30	6077.67	1590	30
	Dec 2008	24	0	24	1	0	31	6077.17	1583	31
	Jan 2009	22	0	22	1	0	30	6076.58	1574	30

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Lake Powell

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Bank Storage 1000 Ac-Ft	EOM Storage 1000 Ac-Ft	Lees Ferry 1000 Ac-Ft
*	Feb 2006	332	390	14	800	0	800	3589.70	18812	10793	822
H	Mar 2006	448	482	12	602	0	602	3588.71	18769	10704	614
I	Apr 2006	1015	907	19	603	0	603	3592.99	18666	11093	618
S	May 2006	2040	1730	27	602	0	602	3605.25	18602	12258	615
T	Jun 2006	1645	1497	42	801	0	801	3610.35	18748	12766	826
O	Jul 2006	618	666	44	829	0	829	3606.85	18891	12416	864
R	Aug 2006	425	507	49	827	0	827	3602.78	18921	12017	877
I	Sep 2006	418	507	46	536	0	536	3601.74	18945	11917	573
	WY 2006	8769	8713	336	8229	0	8229				8522
C	Oct 2006	1018	923	27	606	0	606	3607.96	18626	12526	635
A	Nov 2006	558	536	24	603	0	603	3606.85	18645	12416	628
L	Dec 2006	402	502	21	801	0	801	3603.39	18664	12076	834
*	Jan 2007	315	426	13	800	0	800	3599.51	18649	11703	833
	Feb 2007	375	433	18	605	0	605	3597.66	18635	11528	605
	Mar 2007	575	518	22	600	0	600	3596.64	18628	11432	600
	Apr 2007	800	635	25	600	0	600	3596.74	18628	11442	600
	May 2007	1745	1558	34	600	0	600	3605.65	18697	12297	600
	Jun 2007	2268	2010	42	800	0	800	3616.34	18784	13379	800
	Jul 2007	1087	1013	49	805	0	805	3617.76	18795	13527	805
	Aug 2007	494	598	50	810	0	810	3615.43	18776	13284	810
	Sep 2007	430	536	43	600	0	600	3614.47	18768	13186	600
	WY 2007	10067	9688	368	8230	0	8230				8350
	Oct 2007	506	558	39	600	0	600	3613.74	18762	13111	600
	Nov 2007	523	572	32	600	0	600	3613.20	18758	13055	600
	Dec 2007	418	516	27	800	0	800	3610.37	18735	12768	800
	Jan 2008	384	485	20	800	0	800	3607.27	18710	12457	800
	Feb 2008	409	475	18	600	0	600	3605.93	18699	12325	600
	Mar 2008	628	617	23	600	0	600	3605.87	18699	12319	600
	Apr 2008	952	826	26	600	0	600	3607.74	18714	12504	600
	May 2008	2161	1847	37	600	0	600	3618.69	18803	13625	600
	Jun 2008	2808	2455	45	800	0	800	3632.34	18922	15116	800
	Jul 2008	1345	1232	53	900	0	900	3634.60	18943	15374	900
	Aug 2008	566	661	55	915	0	915	3632.09	18920	15089	915
	Sep 2008	459	593	47	800	0	800	3630.00	18901	14853	800
	WY 2008	11159	10837	422	8615	0	8615				8615
	Oct 2008	506	592	42	600	0	600	3629.59	18898	14807	600
	Nov 2008	523	587	35	600	0	600	3629.19	18894	14762	600
	Dec 2008	418	529	29	800	0	800	3626.68	18872	14484	800
	Jan 2009	384	501	22	800	0	800	3623.96	18848	14187	800

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Hoover Dam - Lake Mead

		Glen Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release CFS	SNWP Use 1000 Ac-Ft	Dwnstrm Reqmnts 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
*	Feb 2006	800	54	35	610	11.0	14	608	1009	1141.20	15520
H	Mar 2006	602	89	39	830	13.5	15	826	997	1139.48	15337
I	Apr 2006	603	61	48	990	16.6	21	989	973	1135.94	14966
S	May 2006	602	30	55	1071	17.4	34	1069	941	1131.14	14470
T	Jun 2006	801	20	65	1036	17.4	32	1034	922	1128.26	14178
O	Jul 2006	829	56	80	967	15.7	34	962	910	1126.42	13993
R	Aug 2006	827	124	85	818	13.3	35	812	910	1126.54	14005
I	Sep 2006	536	69	70	633	10.6	28	628	903	1125.36	13887
	WY 2006	8229	702	668	9395		287	9343			
C	Oct 2006	606	117	51	564	9.2	26	554	908	1126.13	13964
A	Nov 2006	603	47	51	525	8.8	20	523	911	1126.63	14014
L	Dec 2006	801	39	44	621	10.1	15	617	921	1128.12	14164
*	Jan 2007	800	42	36	639	10.4	13	636	930	1129.55	14309
	Feb 2007	605	98	34	580	10.4	13	580	935	1130.26	14380
	Mar 2007	600	84	37	933	15.2	16	933	916	1127.45	14096
	Apr 2007	600	58	46	1072	18.0	22	1072	887	1122.90	13643
	May 2007	600	78	52	1016	16.5	35	1016	861	1118.81	13244
	Jun 2007	800	39	62	894	15.0	33	894	852	1117.34	13103
	Jul 2007	805	68	77	933	15.2	32	933	841	1115.69	12944
	Aug 2007	810	83	81	813	13.2	30	812	839	1115.39	12915
	Sep 2007	600	71	67	719	12.1	32	719	830	1113.93	12777
	WY 2007	8230	824	638	9309		287	9291			
	Oct 2007	600	62	49	444	7.2	30	444	839	1115.31	12907
	Nov 2007	600	57	49	632	10.6	23	632	836	1114.85	12863
	Dec 2007	800	77	42	628	10.2	11	628	848	1116.76	13047
	Jan 2008	800	73	35	711	11.6	12	711	855	1117.89	13155
	Feb 2008	600	101	32	662	11.5	11	662	855	1117.85	13152
	Mar 2008	600	84	35	961	15.6	19	961	835	1114.61	12841
	Apr 2008	600	58	43	1073	18.0	24	1073	805	1109.81	12388
	May 2008	600	78	49	1026	16.7	30	1026	779	1105.47	11987
	Jun 2008	800	39	58	937	15.7	30	937	768	1103.56	11812
	Jul 2008	900	68	73	945	15.4	30	945	763	1102.74	11738
	Aug 2008	915	83	77	825	13.4	30	825	767	1103.42	11799
	Sep 2008	800	71	64	706	11.9	28	706	771	1104.17	11868
	WY 2008	8615	851	606	9550		278	9549			
	Oct 2008	600	62	47	428	7.0	28	428	781	1105.81	12018
	Nov 2008	600	57	47	609	10.2	20	609	780	1105.62	12000
	Dec 2008	800	77	41	595	9.7	18	595	794	1107.90	12210
	Jan 2009	800	73	33	718	11.7	12	718	800	1109.00	12313

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Davis Dam - Lake Mohave

		Hoover Release 1000 Ac-Ft	Side inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Spill Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release CFS	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
*	Feb 2006	610	-16	599	0	599	10.8	640.32	1626
H	Mar 2006	830	-27	764	0	764	12.4	641.75	1665
I	Apr 2006	990	-36	953	0	953	16.0	641.78	1665
S	May 2006	1071	-11	1034	0	1034	16.8	642.69	1690
T	Jun 2006	1036	-11	1044	0	1044	17.5	641.95	1670
O	Jul 2006	967	-9	933	0	933	15.2	642.85	1695
R	Aug 2006	818	-15	791	0	791	12.9	643.26	1706
I	Sep 2006	633	-16	738	0	738	12.4	638.76	1584
	WY 2006	9395	-224	9152	0	9152			
C	Oct 2006	564	5	686	0	686	11.2	634.29	1467
A	Nov 2006	525	5	489	0	489	8.2	635.85	1508
L	Dec 2006	621	-7	542	0	542	8.8	638.56	1579
*	Jan 2007	639	-20	541	0	541	8.8	641.43	1656
	Feb 2007	580	-26	544	0	544	9.8	641.80	1666
	Mar 2007	933	-29	871	0	871	14.2	643.00	1699
	Apr 2007	1072	-36	1036	0	1036	17.4	643.01	1699
	May 2007	1016	-33	983	0	983	16.0	643.01	1699
	Jun 2007	894	-28	894	0	894	15.0	642.00	1671
	Jul 2007	933	-29	918	0	918	14.9	641.50	1658
	Aug 2007	813	-35	777	0	777	12.6	641.50	1658
	Sep 2007	719	-31	782	0	782	13.1	638.00	1564
	WY 2007	9309	-264	9063	0	9063			
	Oct 2007	444	-30	607	0	607	9.9	630.49	1371
	Nov 2007	632	-28	515	0	515	8.7	634.00	1460
	Dec 2007	628	-28	477	0	477	7.8	638.71	1583
	Jan 2008	711	-32	596	0	596	9.7	641.80	1666
	Feb 2008	662	-26	636	0	636	11.1	641.80	1666
	Mar 2008	961	-29	897	0	897	14.6	643.05	1700
	Apr 2008	1073	-36	1038	0	1038	17.4	643.01	1699
	May 2008	1026	-33	993	0	993	16.2	643.01	1699
	Jun 2008	937	-28	937	0	937	15.7	642.00	1671
	Jul 2008	945	-29	929	0	929	15.1	641.50	1658
	Aug 2008	825	-35	790	0	790	12.8	641.50	1658
	Sep 2008	706	-31	768	0	768	12.9	638.00	1564
	WY 2008	9550	-365	9183	0	9183			
	Oct 2008	428	-30	591	0	591	9.6	630.49	1371
	Nov 2008	609	-28	492	0	492	8.3	634.00	1460
	Dec 2008	595	-28	444	0	444	7.2	638.71	1583
	Jan 2009	718	-32	603	0	603	9.8	641.80	1666

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Parker Dam - Lake Havasu

		Davis Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	MWD Diversion 1000 Ac-Ft	CAP diversion 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft	Flow_to Mexico 1000 Ac-Ft	Flow_to Mexico 1000 CFS
*	Feb 2006	599	-2	446	8.0	39	127	446.22	547	150	2.7
H	Mar 2006	764	10	615	10.0	44	98	447.15	564	209	3.4
I	Apr 2006	953	-5	725	12.2	63	166	446.83	558	194	3.3
S	May 2006	1034	-26	749	12.2	78	175	447.06	562	110	1.8
T	Jun 2006	1044	-41	730	12.3	77	182	447.78	576	128	2.2
O	Jul 2006	933	-24	742	12.1	81	77	448.22	584	125	2.0
R	Aug 2006	791	-25	636	10.3	87	47	447.98	580	99	1.6
I	Sep 2006	738	-18	548	9.2	60	137	446.67	555	94	1.6
	WY 2006	9152	-100	6695		827	1525			1552	
C	Oct 2006	686	-1	457	7.4	24	181	447.85	577	80	1.3
A	Nov 2006	489	-4	363	6.1	14	119	447.24	566	100	1.7
L	Dec 2006	542	-10	334	5.4	25	154	448.23	584	122	2.0
*	Jan 2007	541	0	366	5.9	50	134	447.71	575	123	2.0
	Feb 2007	544	10	403	7.3	59	120	446.20	546	149	2.7
	Mar 2007	871	12	701	11.4	19	154	446.70	555	202	3.3
	Apr 2007	1036	0	787	13.2	41	169	448.71	594	195	3.3
	May 2007	983	-2	735	12.0	76	170	448.71	594	109	1.8
	Jun 2007	894	-7	748	12.6	83	56	448.71	594	120	2.0
	Jul 2007	918	-9	750	12.2	86	86	448.00	580	124	2.0
	Aug 2007	777	1	621	10.1	86	82	447.50	570	93	1.5
	Sep 2007	782	8	564	9.5	83	156	446.81	557	89	1.5
	WY 2007	9063	-2	6829		646	1581			1506	
	Oct 2007	607	11	479	7.8	30	119	446.31	548	75	1.2
	Nov 2007	515	17	371	6.2	14	153	446.00	543	101	1.7
	Dec 2007	477	0	317	5.2	12	152	445.80	539	122	2.0
	Jan 2008	596	-6	352	5.7	57	181	445.80	539	122	2.0
	Feb 2008	636	10	412	7.2	67	163	446.00	543	154	2.7
	Mar 2008	897	12	696	11.3	22	179	446.70	555	202	3.3
	Apr 2008	1038	0	786	13.2	47	167	448.71	594	195	3.3
	May 2008	993	-2	734	11.9	85	172	448.71	594	109	1.8
	Jun 2008	937	-7	747	12.6	93	90	448.71	594	120	2.0
	Jul 2008	929	-9	749	12.2	96	88	448.00	580	124	2.0
	Aug 2008	790	1	620	10.1	96	84	447.50	570	93	1.5
	Sep 2008	768	8	563	9.5	93	133	446.81	557	89	1.5
	WY 2008	9183	35	6826		712	1681			1506	
	Oct 2008	591	11	478	7.8	34	99	446.31	548	75	1.2
	Nov 2008	492	17	371	6.2	16	128	446.00	543	101	1.7
	Dec 2008	444	0	317	5.2	13	117	445.80	539	122	2.0
	Jan 2009	603	-6	349	5.7	67	181	445.80	539	122	2.0

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Hoover Dam - Lake Mead

	Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Hoover Static Head Feet	Hoover Generator Capacity MW	Hoover Gross Energy MKWH	Percent Of Units Available	KWH/AF
* Feb 2006	610	11.0	1141.20	15520	184	0.00	1464.0	254.7	80	417.2
H Mar 2006	830	13.5	1139.48	15337	-182	0.00	1501.0	348.6	82	419.9
I Apr 2006	990	16.6	1135.94	14966	-372	0.00	1720.0	417.0	94	421.1
S May 2006	1071	17.4	1131.14	14470	-496	0.00	1838.0	448.0	100	418.4
T Jun 2006	1036	17.4	1128.26	14178	-293	0.00	1815.0	430.5	100	415.6
O Jul 2006	967	15.7	1126.42	13993	-185	0.00	1793.0	396.0	100	409.4
R Aug 2006	818	13.3	1126.54	14005	12	0.00	1751.0	331.9	100	405.6
I Sep 2006	633	10.6	1125.36	13887	-118	0.00	1793.0	250.8	100	396.1
WY 2006	9395							3871.7		
C Oct 2006	564	9.2	1126.13	13964	77	0.00	1551.0	223.2	88	395.7
A Nov 2006	525	8.8	1126.63	14014	50	0.00	1128.0	210.9	64	401.7
L Dec 2006	621	10.1	1128.12	14164	150	0.00	1128.0	252.7	64	407.1
* Jan 2007	639	10.4	1129.55	14309	145	0.00	1233.0	262.8	70	411.6
Feb 2007	580	10.4	1130.26	14380	72	481.97	969.1	251.5	55	433.6
Mar 2007	933	15.2	1127.45	14096	-285	479.63	1092.4	410.0	62	439.5
Apr 2007	1072	18.0	1122.90	13643	-453	473.58	1409.6	462.5	80	431.5
May 2007	1016	16.5	1118.81	13244	-399	468.39	1508.3	425.6	88	418.8
Jun 2007	894	15.0	1117.34	13103	-141	464.63	1714.0	371.1	100	414.9
Jul 2007	933	15.2	1115.69	12944	-159	463.58	1703.0	387.1	100	414.7
Aug 2007	813	13.2	1115.39	12915	-29	462.77	1703.0	337.9	100	415.8
Sep 2007	719	12.1	1113.93	12777	-138	463.04	1703.0	295.7	100	411.3
WY 2007	9309							3891.0		
Oct 2007	444	7.2	1115.31	12907	131	467.76	1294.3	180.9	76	407.5
Nov 2007	632	10.6	1114.85	12863	-44	472.11	1072.9	264.3	63	418.2
Dec 2007	628	10.2	1116.76	13047	183	469.92	1158.0	263.2	68	418.9
Jan 2008	711	11.6	1117.89	13155	108	468.89	1158.0	298.4	68	419.7
Feb 2008	662	11.5	1117.85	13152	-3	469.08	1055.9	278.9	62	421.6
Mar 2008	961	15.6	1114.61	12841	-311	465.71	1260.2	408.0	74	424.7
Apr 2008	1073	18.0	1109.81	12388	-453	460.54	1379.4	451.0	81	420.4
May 2008	1026	16.7	1105.47	11987	-401	456.78	1260.2	426.1	74	415.2
Jun 2008	937	15.7	1103.56	11812	-175	451.16	1679.0	381.1	100	406.7
Jul 2008	945	15.4	1102.74	11738	-74	450.30	1679.0	382.2	100	404.6
Aug 2008	825	13.4	1103.42	11799	61	450.39	1679.0	335.6	100	406.7
Sep 2008	706	11.9	1104.17	11868	69	452.24	1679.0	283.7	100	401.9
WY 2008	9549							3953.4		
Oct 2008	428	7.0	1105.81	12018	150	458.17	1276.0	170.6	76	398.9
Nov 2008	609	10.2	1105.62	12000	-18	462.78	1057.8	252.8	63	415.0
Dec 2008	595	9.7	1107.90	12210	210	460.91	1141.7	243.2	68	408.9
Jan 2009	718	11.7	1109.00	12313	103	460.04	1141.7	297.0	68	413.5

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Davis Dam - Lake Mohave

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Davis Static Head Feet	Davis Generator Capacity MW	Davis Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Feb 2006	599	10.8	640.32	1626	-5	0.00	232.0	75.1	91	125.4
H	Mar 2006	764	12.4	641.75	1665	39	0.00	240.0	94.3	94	123.4
I	Apr 2006	953	16.0	641.78	1665	1	0.00	255.0	119.1	100	125.0
S	May 2006	1034	16.8	642.69	1690	25	0.00	255.0	127.1	100	122.9
T	Jun 2006	1044	17.5	641.95	1670	-20	0.00	255.0	127.5	100	122.2
O	Jul 2006	933	15.2	642.85	1695	24	0.00	255.0	114.5	100	122.8
R	Aug 2006	791	12.9	643.26	1706	11	0.00	255.0	95.7	100	120.9
I	Sep 2006	738	12.4	638.76	1584	-122	0.00	255.0	100.0	100	135.4
	WY 2006	9153							1131.8		
C	Oct 2006	686	11.2	634.29	1467	-117	0.00	207.0	81.7	81	119.2
A	Nov 2006	489	8.2	635.85	1508	40	0.00	186.0	57.1	73	116.6
L	Dec 2006	542	8.8	638.56	1579	71	0.00	184.0	64.5	72	119.0
*	Jan 2007	541	8.8	641.43	1656	77	0.00	184.0	66.9	72	123.7
	Feb 2007	544	9.8	641.80	1666	10	135.51	221.9	68.4	87	125.8
	Mar 2007	871	14.2	643.00	1699	33	135.83	239.7	108.9	94	125.0
	Apr 2007	1036	17.4	643.01	1699	0	136.05	255.0	129.0	100	124.6
	May 2007	983	16.0	643.01	1699	0	136.05	255.0	122.9	100	125.0
	Jun 2007	894	15.0	642.00	1671	-28	135.52	255.0	111.6	100	124.8
	Jul 2007	918	14.9	641.50	1658	-14	134.73	255.0	114.0	100	124.2
	Aug 2007	777	12.6	641.50	1658	0	134.46	255.0	96.9	100	124.7
	Sep 2007	782	13.1	638.00	1564	-94	132.63	255.0	96.1	100	123.0
	WY 2007	9063							1118.0		
	Oct 2007	607	9.9	630.49	1371	-193	128.25	206.6	72.4	81	119.2
	Nov 2007	515	8.7	634.00	1460	89	126.80	186.2	60.7	73	117.8
	Dec 2007	477	7.8	638.71	1583	123	131.20	183.6	58.2	72	121.9
	Jan 2008	596	9.7	641.80	1666	83	135.27	183.6	74.3	72	124.6
	Feb 2008	636	11.1	641.80	1666	0	135.71	221.9	79.8	87	125.5
	Mar 2008	897	14.6	643.05	1700	34	135.86	239.7	112.1	94	124.9
	Apr 2008	1038	17.4	643.01	1699	-1	136.08	255.0	129.3	100	124.6
	May 2008	993	16.2	643.01	1699	0	136.05	255.0	124.1	100	124.9
	Jun 2008	937	15.7	642.00	1671	-28	135.52	255.0	116.7	100	124.6
	Jul 2008	929	15.1	641.50	1658	-14	134.73	255.0	115.3	100	124.1
	Aug 2008	790	12.8	641.50	1658	0	134.46	255.0	98.5	100	124.6
	Sep 2008	768	12.9	638.00	1564	-94	132.63	255.0	94.5	100	123.0
	WY 2008	9184							1135.7		
	Oct 2008	591	9.6	630.49	1371	-193	128.25	206.6	70.5	81	119.2
	Nov 2008	492	8.3	634.00	1460	89	126.80	186.2	58.1	73	118.0
	Dec 2008	444	7.2	638.71	1583	123	131.20	183.6	54.2	72	122.1
	Jan 2009	603	9.8	641.80	1666	83	135.27	183.6	75.2	72	124.6

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Parker Dam - Lake Havasu

	Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Parker Static Head Feet	Parker Generator Capacity MW	Parker Gross Energy MKWH	Percent Of Units Available	KWH/AF
* Feb 2006	446	8.0	446.22	547	-15	0.00	120.0	29.7	100	66.4
H Mar 2006	615	10.0	447.15	564	17	0.00	110.0	40.3	92	65.5
I Apr 2006	725	12.2	446.83	558	-6	0.00	120.0	48.6	100	67.1
S May 2006	749	12.2	447.06	562	4	0.00	120.0	50.4	100	67.2
T Jun 2006	730	12.3	447.78	576	14	0.00	120.0	48.5	100	66.4
O Jul 2006	742	12.1	448.22	584	8	0.00	120.0	49.9	100	67.2
R Aug 2006	636	10.3	447.98	580	-5	0.00	120.0	41.6	100	65.4
I Sep 2006	548	9.2	446.67	555	-25	0.00	120.0	37.0	100	67.6
WY 2006	6695							448.2		
C Oct 2006	457	7.4	447.85	577	22	0.00	91.0	30.8	76	67.4
A Nov 2006	363	6.1	447.24	566	-11	0.00	96.0	24.1	80	66.5
L Dec 2006	334	5.4	448.23	584	19	0.00	107.0	21.8	89	65.2
* Jan 2007	366	5.9	447.71	575	-10	0.00	97.0	24.7	81	67.6
Feb 2007	403	7.3	446.20	546	-28	74.36	120.0	25.8	100	64.2
Mar 2007	701	11.4	446.70	555	9	73.87	120.0	45.4	100	64.8
Apr 2007	787	13.2	448.71	594	38	75.09	120.0	52.0	100	66.0
May 2007	735	12.0	448.71	594	0	76.06	120.0	48.9	100	66.6
Jun 2007	748	12.6	448.71	594	0	76.06	120.0	49.9	100	66.7
Jul 2007	750	12.2	448.00	580	-14	75.72	120.0	49.7	100	66.3
Aug 2007	621	10.1	447.50	570	-10	75.13	120.0	40.7	100	65.5
Sep 2007	564	9.5	446.81	557	-13	74.55	120.0	36.6	100	65.0
WY 2007	6827							450.4		
Oct 2007	479	7.8	446.31	548	-9	75.31	91.2	31.3	76	65.3
Nov 2007	371	6.2	446.00	543	-6	74.67	96.0	23.8	80	64.1
Dec 2007	317	5.2	445.80	539	-4	73.91	106.8	19.9	89	62.8
Jan 2008	352	5.7	445.80	539	0	74.27	97.2	22.4	81	63.5
Feb 2008	412	7.2	446.00	543	4	73.33	120.0	26.2	100	63.4
Mar 2008	696	11.3	446.70	555	13	73.77	120.0	45.1	100	64.7
Apr 2008	786	13.2	448.71	594	38	75.09	120.0	51.9	100	66.0
May 2008	734	11.9	448.71	594	0	76.06	120.0	48.9	100	66.6
Jun 2008	747	12.6	448.71	594	0	76.06	120.0	49.8	100	66.7
Jul 2008	749	12.2	448.00	580	-14	75.72	120.0	49.7	100	66.3
Aug 2008	620	10.1	447.50	570	-10	75.13	120.0	40.6	100	65.5
Sep 2008	563	9.5	446.81	557	-13	74.55	120.0	36.6	100	65.0
WY 2008	6827							446.0		
Oct 2008	478	7.8	446.31	548	-9	75.31	91.2	31.2	76	65.3
Nov 2008	371	6.2	446.00	543	-6	74.67	96.0	23.8	80	64.1
Dec 2008	317	5.2	445.80	539	-4	73.91	106.8	19.9	89	62.8
Jan 2009	349	5.7	445.80	539	0	74.27	97.2	22.2	81	63.5

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Upper Basin Power

		Glen Canyon 1000 MWHR	Flam Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Res 1000 MWHR	Font Res 1000 MWHR
*	Feb 2006	317	26	7	10	1	3
H	Mar 2006	244	30	12	14	6	3
	Winter 2006	1645	174	57	73	30	17
I	Apr 2006	245	29	18	26	17	4
S	May 2006	248	63	15	25	21	7
T	Jun 2006	341	29	29	36	21	8
O	Jul 2006	351	20	38	43	22	6
R	Aug 2006	349	18	38	45	22	6
I	Sep 2006	223	19	30	39	20	2
	Summer 2006	1756	177	168	213	123	33
C	Oct 2006	254	19	20	25	15	4
A	Nov 2006	254	19	14	18	10	4
L	Dec 2006	338	28	25	31	18	4
*	Jan 2007	336	28	25	31	16	4
	Feb 2007	238	24	16	19	8	4
	Mar 2007	236	19	13	18	9	4
	Winter 2007	1655	138	113	141	76	23
	Apr 2007	236	17	15	23	13	4
	May 2007	238	47	18	30	19	6
	Jun 2007	324	51	20	30	20	7
	Jul 2007	330	25	31	38	21	10
	Aug 2007	331	25	38	45	23	9
	Sep 2007	244	24	34	41	21	6
	Summer 2007	1703	189	157	207	116	42
	Oct 2007	243	25	24	29	15	6
	Nov 2007	243	31	15	19	10	6
	Dec 2007	324	33	19	24	12	6
	Jan 2008	322	33	20	25	13	5
	Feb 2008	241	30	16	21	11	5
	Mar 2008	240	43	17	23	13	4
	Winter 2008	1613	194	111	142	74	32
	Apr 2008	241	47	20	29	16	5
	May 2008	244	67	22	36	23	7
	Jun 2008	333	81	21	32	22	8
	Jul 2008	380	37	35	42	23	10
	Aug 2008	386	37	38	45	23	10
	Sep 2008	336	36	36	43	22	6
	Summer 2008	1921	306	171	227	129	45
	Oct 2008	251	37	24	29	15	6
	Nov 2008	251	36	15	19	10	6
	Dec 2008	334	37	19	24	12	6
	Jan 2009	332	37	21	27	14	5

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model_run_id = 1663

F L O O D C O N T R O L C R I T E R I A
B E G I N N I N G O F M O N T H C O N D I T I O N S

MON	YEAR	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	LAKE POWELL KAF	UPPER BASIN TOTAL KAF	LAKE MEAD KAF	TOTAL KAF	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	TOT OR MAX ALLOW KAF	LAKE POWELL KAF	LAKE MEAD KAF	TOTAL KAF	BOM SPACE REQD KAF	MEAD SCHED REL KAF	MEAD FC REL KAF	SYS CONT MAF
		* * * * P R E D I C T E D S P A C E * * * *							* * * * E F F E C T I V E S P A C E * * * *									
FEB	2007	833	305	150	12617	13904	13071	26975	353	303	127	783	12617	13071	26471	1500	580	0	33.6
MAR	2007	870	336	155	12792	14153	13000	27152	388	333	131	852	12792	13000	26643	1500	933	0	33.3
APR	2007	851	346	119	12888	14204	13284	27489	365	340	90	795	12888	13284	26967	1500	1072	0	33.0
MAY	2007	801	318	56	12878	14052	13737	27789	307	315	6	629	12878	13737	27244	1500	1016	0	33.6
JUN	2007	746	194	84	12023	13047	14136	27184	244	186	-0	429	12023	14136	26588	1500	894	0	34.8
JUL	2007	608	36	172	10941	11756	14277	26033	93	8	36	137	10941	14277	25354	1500	933	0	34.8
									* * * * C R E D I T A B L E S P A C E * * * *									
AUG	2007	532	27	192	10793	11544	14436	25980	532	27	192	751	10793	14436	25980	1500	812	0	34.4
SEP	2007	536	84	223	11036	11878	14465	26343	536	84	223	842	11036	14465	26343	2270	719	0	34.0
OCT	2007	561	153	230	11134	12078	14603	26681	561	153	230	943	11134	14603	26681	3040	444	0	33.8
NOV	2007	578	190	230	11209	12207	14473	26680	578	190	230	998	11209	14473	26680	3810	632	0	33.7
DEC	2007	614	209	232	11265	12319	14517	26836	614	209	232	1054	11265	14517	26836	4580	628	0	33.6
JAN	2008	668	248	241	11552	12709	14333	27043	668	248	241	1157	11552	14333	27043	5350	711	0	33.4
									* * * * E F F E C T I V E S P A C E * * * *									
JAN	2008	668	248	241	11552	12709	14333	27043	291	248	241	780	11552	14333	26665	5350	711	0	33.4
FEB	2008	718	291	252	11863	13123	14225	27348	339	291	252	881	11863	14225	26969	1500	662	0	33.2
MAR	2008	757	323	249	11995	13325	14228	27553	375	323	249	948	11995	14228	27171	1500	961	0	32.9
APR	2008	775	349	203	12001	13327	14539	27867	389	349	203	941	12001	14539	27481	1500	1073	0	32.8
MAY	2008	766	344	110	11816	13036	14992	28028	375	344	110	829	11816	14992	27637	1500	1026	0	33.8
JUN	2008	696	216	42	10695	11649	15393	27043	295	215	42	553	10695	15393	26641	1500	937	0	35.4
JUL	2008	532	36	83	9204	9855	15568	25423	118	11	48	177	9204	15568	24949	1500	945	0	35.6
									* * * * C R E D I T A B L E S P A C E * * * *									
AUG	2008	432	27	91	8946	9496	15642	25138	432	27	91	550	8946	15642	25138	1500	825	0	35.3
SEP	2008	452	78	101	9231	9863	15581	25444	452	78	101	632	9231	15581	25444	2270	706	0	34.9
OCT	2008	504	152	103	9467	10226	15512	25738	504	152	103	759	9467	15512	25738	3040	428	0	34.7
NOV	2008	554	190	103	9513	10360	15362	25722	554	190	103	847	9513	15362	25722	3810	609	0	34.7
DEC	2008	604	208	106	9558	10476	15380	25856	604	208	106	918	9558	15380	25856	4580	595	0	34.6
JAN	2009	670	248	113	9836	10867	15170	26037	670	248	113	1031	9836	15170	26037	5350	718	0	34.4
									* * * * E F F E C T I V E S P A C E * * * *									
JAN	2009	670	248	113	9836	10867	15170	26037	303	248	113	663	9836	15170	25669	5350	718	0	34.4

To: All Annual Operating Plan Recipients

From: Lower Colorado Region
Boulder Canyon Operations Office
River Operations Group
Doug Blatchford, Manager
P.O. Box 61470
Boulder City, NV 89006-1470
Phone: 702-293-8190

This operation study reflects the 2007 Annual Operating Plan (AOP) as signed by the Secretary of the Interior. The Partial Domestic Surplus condition is the criterion governing the operation of Lake Mead for calendar year 2007. A copy of the 2007 AOP can be obtained by contacting (702)293-8190 or visit our website at www.usbr.gov/lc/riverops.html.

In this study, the Calendar Year (CY) 2007 diversion for Metropolitan Water District of Southern California (MWD) is forecasted to be 0.639 million acre-feet (maf). The CY 2007 diversion for the Central Arizona Project (CAP) is forecasted to be 1.573 maf. Consumptive use for Nevada above Hoover is forecasted to be 0.295 maf for CY 2007.

At this time, preliminary estimates for water demand schedules for CY 2007 in the Lower Basin do not reflect Partial Domestic schedules. This does not preclude any entity entitled to a Partial Domestic Surplus from requesting it at a later time in CY 2007. Lake Mead's elevation is projected to be 1115.43 feet at the end of CY 2007. According to the Interim Surplus Guidelines, when Lake Mead's elevation is projected to be below elevation 1125 feet, the Normal Criterion governs the operation of Lake Mead.

Due to declining Lake Mead elevations, Hoover's generator capacity is adjusted based on estimated effective capacity and plant availability. The estimated effective capacity is based on projected Lake Mead elevations. Unit capacity tests will be performed as the lake elevation changes in 2' increments. This study reflects these changes in the projections.

Current runoff projections into Lake Powell are provided by the National Weather Service's Colorado Basin River Forecast Center and are as follows: observed unregulated inflow into Lake Powell for the month of February, 2007 was 0.404 maf or 96% of the 30 year average. The forecast for March, 2007 unregulated inflow into Lake Powell is 0.550 maf or 83% of the 30 year average. The forecast for the April through July unregulated inflow period is projected to be 5.6 maf or 71% of average.

Hoover, Davis, and Parker historical gross energy figures come from PO&M reports provided by the Power and O&M Group, Boulder Canyon Operations, Bureau of Reclamation, Boulder City, Nevada. Questions regarding these historical energy numbers can be directed to Larry Karr at (702) 293-8094.

(Note: Lower Basin previous months' historical SNWP and flow to Mexico values are preliminary estimates.)

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T E M R E S E R V O I R S

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Fontenelle Reservoir

	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
* Mar 2006	39	1	54	0	54	6472.77	131
H Apr 2006	98	1	66	0	66	6479.16	162
I May 2006	219	2	99	19	118	6494.92	262
S Jun 2006	217	2	100	91	191	6498.17	285
T Jul 2006	86	3	68	0	68	6500.17	300
O Aug 2006	35	2	68	1	69	6495.25	264
R Sep 2006	29	2	23	28	51	6491.84	240
WY 2006	895	17	683	200	883		
I Oct 2006	41	1	54	1	55	6489.68	226
C Nov 2006	40	1	54	0	54	6487.35	210
A Dec 2006	29	1	57	0	57	6482.67	182
L Jan 2007	26	1	56	0	56	6477.07	152
* Feb 2007	26	0	50	0	50	6471.76	127
Mar 2007	38	0	56	0	56	6467.39	108
Apr 2007	78	1	70	0	70	6469.12	115
May 2007	135	1	87	0	87	6479.06	162
Jun 2007	226	2	89	0	89	6499.62	296
Jul 2007	136	3	92	0	92	6504.97	337
Aug 2007	68	2	92	0	92	6501.58	311
Sep 2007	44	2	60	10	70	6497.94	284
WY 2007	887	15	817	11	828		
Oct 2007	49	1	71	0	71	6494.70	260
Nov 2007	41	1	68	0	68	6490.61	232
Dec 2007	32	1	71	0	71	6484.47	193
Jan 2008	30	1	71	0	71	6476.92	151
Feb 2008	28	0	66	0	66	6468.40	112
Mar 2008	51	0	71	0	71	6463.27	93
Apr 2008	89	1	74	0	74	6466.91	106
May 2008	176	1	93	0	93	6483.72	188
Jun 2008	308	2	103	93	196	6499.80	297
Jul 2008	186	3	101	45	146	6504.66	335
Aug 2008	83	2	100	4	104	6501.63	311
Sep 2008	49	2	60	8	68	6498.78	290
WY 2008	1122	15	949	150	1099		
Oct 2008	49	1	71	0	71	6495.56	266
Nov 2008	41	1	68	0	68	6491.52	238
Dec 2008	32	1	71	0	71	6485.46	199
Jan 2009	30	1	71	0	71	6478.14	157
Feb 2009	27	0	64	0	64	6470.18	120

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Flaming Gorge Reservoir

	Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Yampa Flow 1000 Ac-Ft	Jensen Flow 1000 Ac-Ft
* Mar 2006	65	80	3	87	0	87	84	6021.20	3022	41	162
H Apr 2006	134	103	5	84	0	84	84	6021.59	3036	345	436
I May 2006	261	160	7	178	4	182	83	6020.81	3008	559	739
S Jun 2006	239	214	10	78	0	78	88	6024.17	3130	258	393
T Jul 2006	90	71	13	54	0	54	88	6024.29	3134	40	104
O Aug 2006	32	65	12	50	0	50	88	6024.35	3136	12	65
R Sep 2006	31	54	10	50	0	50	88	6024.19	3130	22	77
WY 2006	1041	1031	77	999	4	1003					2586
I Oct 2006	50	64	7	50	0	50	88	6024.37	3137	0	114
C Nov 2006	43	57	4	48	0	48	89	6024.50	3142	0	100
A Dec 2006	29	58	2	76	0	76	88	6023.99	3123	0	110
L Jan 2007	33	63	2	75	0	75	87	6023.61	3109	0	592
* Feb 2007	45	69	2	66	0	66	87	6023.65	3111	0	392
Mar 2007	75	93	3	50	0	50	89	6024.70	3149	0	50
Apr 2007	125	117	5	48	0	48	91	6026.39	3212	0	48
May 2007	175	127	8	129	0	129	90	6026.15	3203	0	129
Jun 2007	265	128	10	121	0	121	90	6026.08	3200	0	121
Jul 2007	145	101	13	80	0	80	91	6026.29	3208	0	80
Aug 2007	75	99	12	80	0	80	91	6026.46	3215	0	80
Sep 2007	52	77	11	77	0	77	90	6026.18	3204	0	77
WY 2007	1112	1053	79	900	0	900					1893
Oct 2007	59	81	7	80	0	80	90	6026.04	3199	0	80
Nov 2007	51	79	3	77	0	77	90	6025.99	3197	0	77
Dec 2007	37	76	2	80	0	80	90	6025.83	3191	0	80
Jan 2008	41	82	2	80	0	80	90	6025.83	3191	0	80
Feb 2008	47	85	2	75	0	75	90	6026.05	3199	0	75
Mar 2008	103	123	3	105	0	105	91	6026.44	3214	0	105
Apr 2008	142	128	5	110	0	110	91	6026.77	3226	0	110
May 2008	263	180	8	172	0	172	91	6026.79	3227	0	172
Jun 2008	400	288	10	223	0	223	93	6028.21	3280	0	223
Jul 2008	219	179	14	105	0	105	95	6029.75	3339	0	105
Aug 2008	97	118	13	105	0	105	95	6029.77	3340	0	105
Sep 2008	58	78	11	101	0	101	94	6028.91	3307	0	101
WY 2008	1517	1497	80	1313	0	1313					1313
Oct 2008	59	81	7	105	0	105	93	6028.13	3278	0	105
Nov 2008	51	79	3	101	0	101	92	6027.47	3253	0	101
Dec 2008	37	76	2	105	0	105	91	6026.68	3223	0	105
Jan 2009	41	82	2	105	0	105	90	6026.05	3199	0	105
Feb 2009	45	82	2	94	0	94	90	6025.68	3185	0	94

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Taylor Park Reservoir

		Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Mar 2006	4	5	9310.46	71
H	Apr 2006	10	7	9312.57	74
I	May 2006	28	12	9321.23	89
S	Jun 2006	24	18	9324.06	95
T	Jul 2006	12	18	9320.55	88
O	Aug 2006	9	18	9315.25	79
R	Sep 2006	8	14	9311.30	72
	WY 2006	120	116		
I	Oct 2006	10	5	9314.16	77
C	Nov 2006	6	4	9315.22	79
A	Dec 2006	5	5	9315.38	79
L	Jan 2007	4	5	9315.07	78
*	Feb 2007	3	4	9314.65	78
	Mar 2007	5	3	9315.58	79
	Apr 2007	8	9	9315.11	78
	May 2007	22	16	9318.78	85
	Jun 2007	35	20	9327.01	100
	Jul 2007	17	20	9325.42	97
	Aug 2007	9	18	9320.58	88
	Sep 2007	7	16	9315.25	79
	WY 2007	131	125		
	Oct 2007	6	12	9311.71	73
	Nov 2007	5	6	9311.02	72
	Dec 2007	4	4	9311.28	72
	Jan 2008	4	4	9311.39	72
	Feb 2008	4	4	9311.30	72
	Mar 2008	4	5	9310.83	71
	Apr 2008	8	11	9309.15	69
	May 2008	27	18	9314.77	78
	Jun 2008	43	20	9327.22	101
	Jul 2008	20	21	9326.92	100
	Aug 2008	10	20	9321.70	90
	Sep 2008	7	16	9316.68	81
	WY 2008	142	141		
	Oct 2008	6	12	9313.21	75
	Nov 2008	5	6	9312.54	74
	Dec 2008	4	5	9312.19	73
	Jan 2009	4	5	9311.69	73
	Feb 2009	4	5	9311.01	72

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Blue Mesa Reservoir

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Mar 2006	36	37	0	42	0	42	7487.77	564
H	Apr 2006	104	100	1	62	0	62	7492.66	602
I	May 2006	216	201	1	51	0	51	7510.68	752
S	Jun 2006	155	149	1	91	0	91	7517.05	808
T	Jul 2006	76	83	2	117	0	117	7513.07	773
O	Aug 2006	60	69	1	121	0	121	7506.88	719
R	Sep 2006	41	48	1	99	0	99	7500.66	667
	WY 2006	828	828	8	740	0	740		
I	Oct 2006	70	65	1	74	0	74	7499.52	657
C	Nov 2006	42	40	0	52	0	52	7498.10	646
A	Dec 2006	35	35	0	93	0	93	7490.78	587
L	Jan 2007	30	31	0	93	0	93	7482.56	525
*	Feb 2007	26	27	0	54	0	54	7478.89	498
	Mar 2007	37	35	0	45	0	45	7477.50	488
	Apr 2007	72	73	1	43	0	43	7481.55	517
	May 2007	175	169	1	47	0	47	7497.14	638
	Jun 2007	227	211	1	53	0	53	7515.58	795
	Jul 2007	101	104	2	95	0	95	7516.42	803
	Aug 2007	55	64	1	122	0	122	7509.73	743
	Sep 2007	34	44	1	112	0	112	7501.56	674
	WY 2007	904	898	8	883	0	883		
	Oct 2007	35	41	1	74	0	74	7497.44	640
	Nov 2007	31	32	0	44	0	44	7495.89	628
	Dec 2007	25	25	0	71	0	71	7490.01	581
	Jan 2008	24	24	0	66	0	66	7484.47	539
	Feb 2008	23	23	0	56	0	56	7479.96	506
	Mar 2008	34	35	0	61	0	61	7476.28	479
	Apr 2008	73	76	1	69	0	69	7477.11	485
	May 2008	212	203	1	74	0	74	7494.03	613
	Jun 2008	271	248	1	67	0	67	7515.33	793
	Jul 2008	121	121	2	110	0	110	7516.40	802
	Aug 2008	62	72	1	122	0	122	7510.58	751
	Sep 2008	36	45	1	118	0	118	7501.91	677
	WY 2008	947	945	8	932	0	932		
	Oct 2008	35	41	1	78	0	78	7497.34	640
	Nov 2008	31	32	0	50	0	50	7495.03	621
	Dec 2008	25	26	0	65	0	65	7490.02	582
	Jan 2009	24	25	0	72	0	72	7483.82	534
	Feb 2009	22	23	0	54	0	54	7479.59	503

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Morrow Point Reservoir

	Unreg Inflow 1000 Ac-Ft	Blue_Mesa Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Evap losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
* Mar 2006	38	42	2	44	0	44	0	44	7148.31	108
H Apr 2006	116	62	12	74	0	73	0	73	7149.60	109
I May 2006	240	51	24	74	0	72	0	72	7152.51	111
S Jun 2006	166	91	11	102	0	101	0	101	7153.49	112
T Jul 2006	79	117	3	120	0	119	0	119	7154.36	113
O Aug 2006	62	121	3	124	0	123	0	123	7156.04	114
R Sep 2006	43	99	2	101	0	107	0	107	7145.25	105
WY 2006	893	740	66	805	0	809	0	809		
I Oct 2006	72	74	-1	73	0	71	0	71	7148.31	108
C Nov 2006	41	52	-1	50	0	52	0	52	7146.13	106
A Dec 2006	31	93	-4	89	0	88	0	88	7146.46	106
L Jan 2007	25	93	-5	88	0	88	0	88	7145.92	106
* Feb 2007	24	54	-2	51	0	51	0	51	7145.91	106
Mar 2007	41	45	4	49	0	43	0	43	7153.73	112
Apr 2007	83	43	11	53	0	53	0	53	7153.73	112
May 2007	196	47	21	68	0	68	0	68	7153.73	112
Jun 2007	245	53	18	71	0	71	0	71	7153.73	112
Jul 2007	107	95	6	101	0	101	0	101	7153.73	112
Aug 2007	58	122	3	125	0	125	0	125	7153.73	112
Sep 2007	37	112	3	115	0	115	0	115	7153.73	112
WY 2007	960	883	53	933	0	926	0	926		
Oct 2007	38	74	3	77	0	77	0	77	7153.73	112
Nov 2007	33	44	2	46	0	46	0	46	7153.73	112
Dec 2007	27	71	2	73	0	73	0	73	7153.73	112
Jan 2008	26	66	2	68	0	68	0	68	7153.73	112
Feb 2008	26	56	3	59	0	59	0	59	7153.73	112
Mar 2008	38	61	4	65	0	65	0	65	7153.73	112
Apr 2008	84	69	11	80	0	80	0	80	7153.73	112
May 2008	237	74	25	99	0	99	0	99	7153.73	112
Jun 2008	292	67	21	88	0	88	0	88	7153.73	112
Jul 2008	127	110	7	117	0	117	0	117	7153.73	112
Aug 2008	65	122	4	126	0	126	0	126	7153.73	112
Sep 2008	39	118	3	121	0	121	0	121	7153.73	112
WY 2008	1032	932	87	1019	0	1019	0	1019		
Oct 2008	38	78	3	81	0	81	0	81	7153.73	112
Nov 2008	33	50	2	52	0	52	0	52	7153.73	112
Dec 2008	27	65	2	67	0	67	0	67	7153.73	112
Jan 2009	26	72	2	74	0	74	0	74	7153.73	112
Feb 2009	25	54	3	57	0	57	0	57	7153.73	112

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Crystal Reservoir

	unreg Inflow 1000 Ac-Ft	Morrow Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Tunnel Flow 1000 Ac-Ft	Below_tunnel Flow 1000 Ac-Ft
* Mar 2006	41	44	3	47	33	12	45	6750.39	16	3	43
H Apr 2006	129	73	13	86	85	0	85	6752.73	17	48	39
I May 2006	270	72	30	102	105	0	105	6743.65	14	50	44
S Jun 2006	183	101	17	118	116	2	118	6745.00	15	65	60
T Jul 2006	86	119	7	126	126	0	126	6745.30	15	63	72
O Aug 2006	69	123	6	129	129	0	129	6744.74	15	62	79
R Sep 2006	47	107	4	114	112	1	113	6746.01	15	53	68
WY 2006	993	809	98	909	859	50	909			384	559
I Oct 2006	76	71	7	77	77	0	77	6746.08	15	40	39
C Nov 2006	46	52	5	57	58	0	58	6740.90	14	0	58
A Dec 2006	35	88	4	93	93	0	93	6738.89	13	0	99
L Jan 2007	29	88	4	92	85	8	93	6737.51	13	1	101
* Feb 2007	27	51	3	55	25	29	54	6739.24	13	2	57
Mar 2007	47	43	6	49	45	0	45	6753.04	17	5	40
Apr 2007	95	53	12	66	66	0	66	6753.04	17	30	36
May 2007	220	68	24	92	92	0	92	6753.04	17	55	37
Jun 2007	275	71	30	101	101	0	101	6753.04	17	60	41
Jul 2007	120	101	13	114	114	0	114	6753.04	17	65	49
Aug 2007	65	125	7	132	132	0	132	6753.04	17	65	67
Sep 2007	43	115	6	121	121	0	121	6753.04	17	55	66
WY 2007	1078	926	121	1049	1009	37	1046			378	690
Oct 2007	44	77	7	84	83	0	83	6753.04	17	30	53
Nov 2007	38	46	5	51	51	0	51	6753.04	17	0	51
Dec 2007	32	73	5	78	78	0	78	6753.04	17	0	78
Jan 2008	31	68	5	73	73	0	73	6753.04	17	0	73
Feb 2008	30	59	4	63	63	0	63	6753.04	17	0	63
Mar 2008	46	65	7	72	72	0	72	6753.04	17	5	67
Apr 2008	96	80	12	92	92	0	92	6753.04	17	30	62
May 2008	272	99	35	134	134	0	134	6753.04	17	55	79
Jun 2008	330	88	38	126	126	0	126	6753.04	17	60	66
Jul 2008	144	117	17	134	134	0	134	6753.04	17	65	69
Aug 2008	74	126	8	134	134	0	134	6753.04	17	65	69
Sep 2008	45	121	6	127	127	0	127	6753.04	17	55	72
WY 2008	1182	1019	149	1168	1167	0	1167			365	802
Oct 2008	44	81	7	87	87	0	87	6753.04	17	30	57
Nov 2008	38	52	5	57	57	0	57	6753.04	17	0	57
Dec 2008	32	67	5	72	72	0	72	6753.04	17	0	72
Jan 2009	31	74	5	79	79	0	79	6753.04	17	0	79
Feb 2009	29	57	4	61	61	0	61	6753.04	17	0	61

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Vallecito Reservoir

		Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Mar 2006	6	1	7647.36	81
H	Apr 2006	24	2	7656.14	102
I	May 2006	62	41	7663.94	123
S	Jun 2006	28	41	7658.79	109
T	Jul 2006	20	37	7651.91	92
O	Aug 2006	28	33	7649.90	87
R	Sep 2006	24	26	7648.87	84
	WY 2006	247	238		
I	Oct 2006	54	42	7653.51	96
C	Nov 2006	15	34	7645.48	76
A	Dec 2006	8	8	7645.38	76
L	Jan 2007	7	6	7645.38	76
*	Feb 2007	5	5	7645.51	76
	Mar 2007	9	5	7647.16	80
	Apr 2007	20	5	7653.35	95
	May 2007	65	38	7663.61	122
	Jun 2007	68	66	7664.12	123
	Jul 2007	27	43	7657.83	106
	Aug 2007	18	43	7647.32	81
	Sep 2007	16	30	7641.16	67
	WY 2007	312	325		
	Oct 2007	13	15	7640.10	64
	Nov 2007	8	4	7642.00	69
	Dec 2007	6	4	7642.87	70
	Jan 2008	5	4	7643.36	72
	Feb 2008	5	4	7643.44	72
	Mar 2008	8	5	7644.72	75
	Apr 2008	22	10	7649.74	86
	May 2008	69	39	7661.60	116
	Jun 2008	78	71	7663.86	122
	Jul 2008	31	43	7659.04	110
	Aug 2008	19	43	7649.30	85
	Sep 2008	17	30	7643.62	72
	WY 2008	281	272		
	Oct 2008	13	15	7642.59	70
	Nov 2008	8	4	7644.43	74
	Dec 2008	6	6	7644.38	74
	Jan 2009	5	5	7644.42	74
	Feb 2009	5	5	7644.28	74

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Navajo Reservoir

		Mod_Unreg Inflow 1000 Ac-Ft	Azetea Tunnel_Div 1000 Ac-Ft	Reg Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	NIIP Diversion 1000 ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Farm Flow 1000 Ac-Ft
*	Mar 2006	28	1	23	2	7	22	6071.64	1503	38
H	Apr 2006	117	17	78	3	20	21	6074.09	1538	58
I	May 2006	174	25	126	4	28	49	6077.20	1583	141
S	Jun 2006	54	8	58	5	43	126	6069.04	1467	196
T	Jul 2006	35	4	48	5	37	47	6066.07	1427	63
O	Aug 2006	67	5	67	4	35	38	6065.35	1417	62
R	Sep 2006	58	6	54	3	15	34	6065.53	1420	57
	WY 2006	689	72	605	32	189	484			881
I	Oct 2006	168	13	141	2	7	29	6073.01	1523	128
C	Nov 2006	42	0	62	1	0	27	6075.33	1556	47
A	Dec 2006	27	0	27	1	1	26	6075.31	1556	50
L	Jan 2007	22	0	21	1	1	29	6074.67	1546	46
*	Feb 2007	31	0	30	1	0	29	6074.65	1546	53
	Mar 2007	65	2	59	2	4	31	6076.18	1568	31
	Apr 2007	130	11	103	3	17	34	6079.55	1618	34
	May 2007	240	42	171	4	31	200	6075.19	1554	200
	Jun 2007	219	29	189	5	47	212	6069.86	1479	212
	Jul 2007	66	9	73	5	51	31	6068.85	1465	31
	Aug 2007	40	2	64	4	42	32	6067.83	1451	32
	Sep 2007	41	0	54	3	24	30	6067.61	1448	30
	WY 2007	1091	108	994	32	225	710			894
	Oct 2007	38	0	40	2	7	31	6067.64	1448	31
	Nov 2007	33	0	29	1	0	30	6067.49	1446	30
	Dec 2007	24	0	22	1	0	31	6066.81	1437	31
	Jan 2008	22	0	21	1	0	31	6066.02	1426	31
	Feb 2008	31	0	31	1	0	28	6066.20	1429	28
	Mar 2008	88	2	83	2	4	31	6069.64	1476	31
	Apr 2008	174	19	142	3	17	30	6076.18	1568	30
	May 2008	279	31	217	4	31	121	6080.33	1630	121
	Jun 2008	246	45	195	5	47	182	6077.67	1590	182
	Jul 2008	74	7	79	5	51	31	6077.14	1582	31
	Aug 2008	43	0	67	4	42	31	6076.44	1572	31
	Sep 2008	42	0	55	3	24	30	6076.29	1570	30
	WY 2008	1094	104	981	32	223	607			607
	Oct 2008	38	0	40	2	7	31	6076.29	1570	31
	Nov 2008	33	0	29	1	0	30	6076.13	1568	30
	Dec 2008	24	0	24	1	0	31	6075.63	1560	31
	Jan 2009	22	0	22	1	0	30	6075.03	1552	30
	Feb 2009	30	0	30	1	0	30	6075.02	1551	30

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Lake Powell

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Bank Storage 1000 Ac-Ft	EOM Storage 1000 Ac-Ft	Lees Ferry 1000 Ac-Ft
*	Mar 2006	448	482	12	602	0	602	3588.71	18769	10704	614
H	Apr 2006	1015	907	19	603	0	603	3592.99	18666	11093	618
I	May 2006	2040	1730	27	602	0	602	3605.25	18602	12258	615
S	Jun 2006	1645	1497	42	801	0	801	3610.35	18748	12766	826
T	Jul 2006	618	666	44	829	0	829	3606.85	18891	12416	864
O	Aug 2006	425	507	49	827	0	827	3602.78	18921	12017	877
R	Sep 2006	418	507	46	536	0	536	3601.74	18945	11917	573
	WY 2006	8769	8713	336	8229	0	8229				8522
I	Oct 2006	1018	923	27	606	0	606	3607.96	18626	12526	635
C	Nov 2006	558	536	24	603	0	603	3606.85	18645	12416	628
A	Dec 2006	402	502	21	801	0	801	3603.39	18664	12076	834
L	Jan 2007	315	426	13	800	0	800	3599.51	18649	11703	833
*	Feb 2007	404	462	15	604	0	604	3597.91	18643	11552	625
	Mar 2007	550	495	22	600	0	600	3596.66	18634	11435	600
	Apr 2007	800	625	25	600	0	600	3596.67	18634	11435	600
	May 2007	1650	1509	34	600	0	600	3605.12	18699	12245	600
	Jun 2007	2130	1881	41	800	0	800	3614.68	18776	13207	800
	Jul 2007	1020	974	48	805	0	805	3615.76	18785	13319	805
	Aug 2007	475	583	49	806	0	806	3613.31	18765	13067	806
	Sep 2007	422	539	42	605	0	605	3612.33	18757	12966	605
	WY 2007	9744	9455	361	8230	0	8230				8371
	Oct 2007	506	566	38	600	0	600	3611.68	18751	12900	600
	Nov 2007	523	559	32	600	0	600	3611.02	18746	12833	600
	Dec 2007	418	513	26	800	0	800	3608.13	18723	12543	800
	Jan 2008	384	474	20	800	0	800	3604.90	18697	12223	800
	Feb 2008	409	466	18	600	0	600	3603.46	18686	12083	600
	Mar 2008	628	604	23	600	0	600	3603.28	18684	12066	600
	Apr 2008	952	809	26	600	0	600	3605.02	18698	12235	600
	May 2008	2161	1835	36	600	0	600	3616.02	18787	13346	600
	Jun 2008	2808	2455	44	800	0	800	3629.86	18906	14837	800
	Jul 2008	1345	1235	53	850	0	850	3632.59	18931	15145	850
	Aug 2008	566	664	54	875	0	875	3630.42	18911	14900	875
	Sep 2008	459	596	47	600	0	600	3630.00	18907	14853	600
	WY 2008	11159	10776	417	8325	0	8325				8325
	Oct 2008	506	595	42	600	0	600	3629.61	18904	14809	600
	Nov 2008	523	590	35	600	0	600	3629.24	18901	14767	600
	Dec 2008	418	532	29	800	0	800	3626.75	18879	14492	800
	Jan 2009	384	504	22	800	0	800	3624.06	18855	14198	800
	Feb 2009	395	475	20	800	0	800	3621.09	18830	13879	800

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Hoover Dam - Lake Mead

		Glen Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	SNWP Use 1000 Ac-Ft	Dwnstrm Reqmnts 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
*	Mar 2006	602	89	39	830	13.5	15	826	997	1139.48	15337
H	Apr 2006	603	61	48	990	16.6	21	989	973	1135.94	14966
I	May 2006	602	30	55	1071	17.4	34	1069	941	1131.14	14470
S	Jun 2006	801	20	65	1036	17.4	32	1034	922	1128.26	14178
T	Jul 2006	829	56	80	967	15.7	34	962	910	1126.42	13993
O	Aug 2006	827	124	85	818	13.3	35	812	910	1126.54	14005
R	Sep 2006	536	69	70	633	10.6	28	628	903	1125.36	13887
	WY 2006	8229	702	668	9395		287	9343			
I	Oct 2006	606	117	51	564	9.2	26	554	908	1126.13	13964
C	Nov 2006	603	47	51	525	8.8	20	523	911	1126.63	14014
A	Dec 2006	801	39	44	621	10.1	15	617	921	1128.12	14164
L	Jan 2007	800	40	36	639	10.4	11	636	930	1129.55	14309
*	Feb 2007	604	66	33	647	11.6	12	646	929	1129.35	14288
	Mar 2007	600	84	37	979	15.9	17	979	907	1126.09	13960
	Apr 2007	600	58	46	1047	17.6	23	1047	879	1121.76	13530
	May 2007	600	78	52	1031	16.8	35	1031	853	1117.49	13117
	Jun 2007	800	39	62	894	15.0	34	894	843	1116.02	12975
	Jul 2007	805	68	76	933	15.2	33	933	833	1114.35	12816
	Aug 2007	806	83	81	813	13.2	30	812	831	1114.01	12784
	Sep 2007	605	71	66	719	12.1	33	719	822	1112.59	12650
	WY 2007	8230	790	635	9412		289	9393			
	Oct 2007	600	62	48	444	7.2	31	444	831	1113.97	12780
	Nov 2007	600	57	48	632	10.6	24	632	828	1113.51	12736
	Dec 2007	800	77	42	628	10.2	12	628	840	1115.43	12919
	Jan 2008	800	73	34	711	11.6	13	711	847	1116.55	13026
	Feb 2008	600	101	32	662	11.5	13	662	846	1116.50	13022
	Mar 2008	600	84	35	961	15.6	17	961	826	1113.26	12713
	Apr 2008	600	58	43	1073	18.0	23	1073	797	1108.45	12262
	May 2008	600	78	49	1026	16.7	35	1026	771	1104.04	11855
	Jun 2008	800	39	58	937	15.7	34	937	759	1102.07	11677
	Jul 2008	850	68	72	945	15.4	33	945	751	1100.70	11554
	Aug 2008	875	83	76	825	13.4	30	825	753	1100.97	11578
	Sep 2008	600	71	63	706	11.9	33	706	745	1099.60	11455
	WY 2008	8325	851	600	9550		298	9549			
	Oct 2008	600	62	46	428	7.0	31	428	754	1101.25	11603
	Nov 2008	600	57	46	609	10.2	24	609	753	1101.03	11583
	Dec 2008	800	77	40	595	9.7	12	595	767	1103.42	11800
	Jan 2009	800	73	33	718	11.7	13	718	774	1104.55	11902
	Feb 2009	800	98	30	669	12.0	13	669	785	1106.45	12076

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Davis Dam - Lake Mohave

		Hoover Release 1000 Ac-Ft	Side inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Spill Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release CFS	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
*	Mar 2006	830	-27	764	0	764	12.4	641.75	1665
H	Apr 2006	990	-36	953	0	953	16.0	641.78	1665
I	May 2006	1071	-11	1034	0	1034	16.8	642.69	1690
S	Jun 2006	1036	-11	1044	0	1044	17.5	641.95	1670
T	Jul 2006	967	-9	933	0	933	15.2	642.85	1695
O	Aug 2006	818	-15	791	0	791	12.9	643.26	1706
R	Sep 2006	633	-16	738	0	738	12.4	638.76	1584
	WY 2006	9395	-224	9152	0	9152			
I	Oct 2006	564	5	686	0	686	11.2	634.29	1467
C	Nov 2006	525	5	489	0	489	8.2	635.85	1508
A	Dec 2006	621	-7	542	0	542	8.8	638.56	1579
L	Jan 2007	639	-20	541	0	541	8.8	641.43	1656
*	Feb 2007	647	-16	649	0	649	11.7	640.75	1638
	Mar 2007	979	-29	881	0	881	14.3	643.30	1707
	Apr 2007	1047	-36	1011	0	1011	17.0	643.30	1707
	May 2007	1031	-33	1006	0	1006	16.4	643.01	1699
	Jun 2007	894	-28	894	0	894	15.0	642.00	1671
	Jul 2007	933	-29	918	0	918	14.9	641.50	1658
	Aug 2007	813	-35	777	0	777	12.6	641.50	1658
	Sep 2007	719	-31	782	0	782	13.1	638.00	1564
	WY 2007	9412	-254	9176	0	9176			
	Oct 2007	444	-30	607	0	607	9.9	630.49	1371
	Nov 2007	632	-28	515	0	515	8.7	634.00	1460
	Dec 2007	628	-28	477	0	477	7.8	638.71	1583
	Jan 2008	711	-32	596	0	596	9.7	641.80	1666
	Feb 2008	662	-26	636	0	636	11.1	641.80	1666
	Mar 2008	961	-29	897	0	897	14.6	643.05	1700
	Apr 2008	1073	-36	1038	0	1038	17.4	643.01	1699
	May 2008	1026	-33	993	0	993	16.2	643.01	1699
	Jun 2008	937	-28	937	0	937	15.7	642.00	1671
	Jul 2008	945	-29	929	0	929	15.1	641.50	1658
	Aug 2008	825	-35	790	0	790	12.8	641.50	1658
	Sep 2008	706	-31	768	0	768	12.9	638.00	1564
	WY 2008	9550	-365	9183	0	9183			
	Oct 2008	428	-30	591	0	591	9.6	630.49	1371
	Nov 2008	609	-28	492	0	492	8.3	634.00	1460
	Dec 2008	595	-28	444	0	444	7.2	638.71	1583
	Jan 2009	718	-32	603	0	603	9.8	641.80	1666
	Feb 2009	669	-25	644	0	644	11.6	641.80	1666

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Parker Dam - Lake Havasu

		Davis Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	MWD Diversion 1000 Ac-Ft	CAP diversion 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft	Flow_to Mexico 1000 Ac-Ft	Flow_to Mexico 1000 CFS
*	Mar 2006	764	10	615	10.0	44	98	447.15	564	209	3.4
H	Apr 2006	953	-5	725	12.2	63	166	446.83	558	194	3.3
I	May 2006	1034	-26	749	12.2	78	175	447.06	562	110	1.8
S	Jun 2006	1044	-41	730	12.3	77	182	447.78	576	128	2.2
T	Jul 2006	933	-24	742	12.1	81	77	448.22	584	125	2.0
O	Aug 2006	791	-25	636	10.3	87	47	447.98	580	99	1.6
R	Sep 2006	738	-18	548	9.2	60	137	446.67	555	94	1.6
	WY 2006	9152	-100	6695		827	1525			1552	
I	Oct 2006	686	-1	457	7.4	24	181	447.85	577	80	1.3
C	Nov 2006	489	-4	363	6.1	14	119	447.24	566	100	1.7
A	Dec 2006	542	-10	334	5.4	25	154	448.23	584	122	2.0
L	Jan 2007	541	0	366	5.9	50	134	447.71	575	123	2.0
*	Feb 2007	649	-19	472	8.5	59	131	445.97	542	149	2.7
	Mar 2007	881	12	696	11.3	19	165	446.70	555	202	3.3
	Apr 2007	1011	0	785	13.2	41	169	447.50	570	195	3.3
	May 2007	1006	-2	735	12.0	76	170	448.71	594	109	1.8
	Jun 2007	894	-7	748	12.6	83	56	448.71	594	120	2.0
	Jul 2007	918	-9	750	12.2	86	86	448.00	580	124	2.0
	Aug 2007	777	1	621	10.1	86	82	447.50	570	93	1.5
	Sep 2007	782	8	564	9.5	83	156	446.81	557	89	1.5
	WY 2007	9176	-31	6891		646	1603			1506	
	Oct 2007	607	11	479	7.8	30	119	446.31	548	75	1.2
	Nov 2007	515	17	371	6.2	14	153	446.00	543	101	1.7
	Dec 2007	477	0	317	5.2	12	152	445.80	539	122	2.0
	Jan 2008	596	-6	352	5.7	57	181	445.80	539	122	2.0
	Feb 2008	636	10	412	7.2	67	163	446.00	543	154	2.7
	Mar 2008	897	12	696	11.3	22	179	446.70	555	202	3.3
	Apr 2008	1038	0	786	13.2	47	167	448.71	594	195	3.3
	May 2008	993	-2	734	11.9	85	172	448.71	594	109	1.8
	Jun 2008	937	-7	747	12.6	93	90	448.71	594	120	2.0
	Jul 2008	929	-9	749	12.2	96	88	448.00	580	124	2.0
	Aug 2008	790	1	620	10.1	96	84	447.50	570	93	1.5
	Sep 2008	768	8	563	9.5	93	133	446.81	557	89	1.5
	WY 2008	9183	35	6826		712	1681			1506	
	Oct 2008	591	11	478	7.8	34	99	446.31	548	75	1.2
	Nov 2008	492	17	371	6.2	16	128	446.00	543	101	1.7
	Dec 2008	444	0	317	5.2	13	117	445.80	539	122	2.0
	Jan 2009	603	-6	349	5.7	67	181	445.80	539	122	2.0
	Feb 2009	644	10	408	7.3	79	163	446.00	543	149	2.7

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T E M R E S E R V O I R S

Bureau of Reclamation - CRFS 3/2007 Most Prob Water Supply 08-Mar-2007 11:16:29
Hoover Dam - Lake Mead

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Hoover Static Head Feet	Hoover Generator Capacity MW	Hoover Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Mar 2006	830	13.5	1139.48	15337	-182	0.00	1501.0	348.6	82	419.9
H	Apr 2006	990	16.6	1135.94	14966	-372	0.00	1720.0	417.0	94	421.1
I	May 2006	1071	17.4	1131.14	14470	-496	0.00	1838.0	448.0	100	418.4
S	Jun 2006	1036	17.4	1128.26	14178	-293	0.00	1815.0	430.5	100	415.6
T	Jul 2006	967	15.7	1126.42	13993	-185	0.00	1793.0	396.0	100	409.4
O	Aug 2006	818	13.3	1126.54	14005	12	0.00	1751.0	331.9	100	405.6
R	Sep 2006	633	10.6	1125.36	13887	-118	0.00	1793.0	250.8	100	396.1
	WY 2006	9395							3871.7		
I	Oct 2006	564	9.2	1126.13	13964	77	0.00	1551.0	223.2	88	395.7
C	Nov 2006	525	8.8	1126.63	14014	50	0.00	1128.0	210.9	64	401.7
A	Dec 2006	621	10.1	1128.12	14164	150	0.00	1128.0	252.7	64	407.1
L	Jan 2007	639	10.4	1129.55	14309	145	0.00	1233.0	262.8	70	411.6
*	Feb 2007	647	11.6	1129.35	14288	-20	0.00	969.0	267.6	55	413.7
	Mar 2007	979	15.9	1126.09	13960	-328	478.75	1092.4	432.6	62	441.8
	Apr 2007	1047	17.6	1121.76	13530	-429	472.14	1409.6	448.9	80	428.7
	May 2007	1031	16.8	1117.49	13117	-414	467.07	1508.3	431.8	88	418.8
	Jun 2007	894	15.0	1116.02	12975	-141	463.32	1714.0	370.2	100	413.9
	Jul 2007	933	15.2	1114.35	12816	-159	462.26	1703.0	386.1	100	413.6
	Aug 2007	813	13.2	1114.01	12784	-33	461.42	1703.0	337.0	100	414.8
	Sep 2007	719	12.1	1112.59	12650	-134	461.69	1703.0	295.0	100	410.3
	WY 2007	9412							3918.8		
	Oct 2007	444	7.2	1113.97	12780	130	466.43	1294.3	180.5	76	406.6
	Nov 2007	632	10.6	1113.51	12736	-44	470.77	1072.9	263.7	63	417.2
	Dec 2007	628	10.2	1115.43	12919	183	468.59	1158.0	262.6	68	417.9
	Jan 2008	711	11.6	1116.55	13026	108	467.55	1158.0	297.7	68	418.7
	Feb 2008	662	11.5	1116.50	13022	-5	467.74	1055.9	278.2	62	420.5
	Mar 2008	961	15.6	1113.26	12713	-309	464.37	1260.2	406.9	74	423.6
	Apr 2008	1073	18.0	1108.45	12262	-451	459.19	1379.4	449.8	81	419.3
	May 2008	1026	16.7	1104.04	11855	-406	455.39	1260.2	424.9	74	414.1
	Jun 2008	937	15.7	1102.07	11677	-178	449.71	1679.0	380.0	100	405.5
	Jul 2008	945	15.4	1100.70	11554	-123	448.55	1679.0	380.9	100	403.2
	Aug 2008	825	13.4	1100.97	11578	24	448.17	1679.0	334.1	100	404.9
	Sep 2008	706	11.9	1099.60	11455	-123	448.76	1679.0	281.7	100	399.2
	WY 2008	9549							3941.0		
	Oct 2008	428	7.0	1101.25	11603	148	453.63	1276.0	169.3	76	395.8
	Nov 2008	609	10.2	1101.03	11583	-20	458.22	1057.8	250.7	63	411.6
	Dec 2008	595	9.7	1103.42	11800	216	456.40	1141.7	241.2	68	405.6
	Jan 2009	718	11.7	1104.55	11902	102	455.60	1141.7	294.5	68	410.0
	Feb 2009	669	12.0	1106.45	12076	174	456.75	1041.0	277.4	62	414.7

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Bureau of Reclamation - CRFS 3/2007 Most Prob Water Supply 08-Mar-2007 11:16:29
Davis Dam - Lake Mohave

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Davis Static Head Feet	Davis Generator Capacity MW	Davis Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Mar 2006	764	12.4	641.75	1665	39	0.00	240.0	94.3	94	123.4
H	Apr 2006	953	16.0	641.78	1665	1	0.00	255.0	119.1	100	125.0
I	May 2006	1034	16.8	642.69	1690	25	0.00	255.0	127.1	100	122.9
S	Jun 2006	1044	17.5	641.95	1670	-20	0.00	255.0	127.5	100	122.2
T	Jul 2006	933	15.2	642.85	1695	24	0.00	255.0	114.5	100	122.8
O	Aug 2006	791	12.9	643.26	1706	11	0.00	255.0	95.7	100	120.9
R	Sep 2006	738	12.4	638.76	1584	-122	0.00	255.0	100.0	100	135.4
	WY 2006	9153							1131.8		
I	Oct 2006	686	11.2	634.29	1467	-117	0.00	207.0	81.7	81	119.2
C	Nov 2006	489	8.2	635.85	1508	40	0.00	186.0	57.1	73	116.6
A	Dec 2006	542	8.8	638.56	1579	71	0.00	184.0	64.5	72	119.0
L	Jan 2007	541	8.8	641.43	1656	77	0.00	184.0	66.9	72	123.7
*	Feb 2007	649	11.7	640.75	1638	-18	0.00	204.0	81.3	80	125.3
	Mar 2007	881	14.3	643.30	1707	69	135.43	239.7	109.8	94	124.6
	Apr 2007	1011	17.0	643.30	1707	0	136.35	255.0	126.3	100	124.9
	May 2007	1006	16.4	643.01	1699	-8	136.20	255.0	125.8	100	125.0
	Jun 2007	894	15.0	642.00	1671	-28	135.52	255.0	111.6	100	124.8
	Jul 2007	918	14.9	641.50	1658	-14	134.73	255.0	114.0	100	124.2
	Aug 2007	777	12.6	641.50	1658	0	134.46	255.0	96.9	100	124.7
	Sep 2007	782	13.1	638.00	1564	-94	132.63	255.0	96.1	100	123.0
	WY 2007	9176							1132.0		
	Oct 2007	607	9.9	630.49	1371	-193	128.25	206.6	72.4	81	119.2
	Nov 2007	515	8.7	634.00	1460	89	126.80	186.2	60.7	73	117.8
	Dec 2007	477	7.8	638.71	1583	123	131.20	183.6	58.2	72	121.9
	Jan 2008	596	9.7	641.80	1666	83	135.27	183.6	74.3	72	124.6
	Feb 2008	636	11.1	641.80	1666	0	135.71	221.9	79.8	87	125.5
	Mar 2008	897	14.6	643.05	1700	34	135.86	239.7	112.1	94	124.9
	Apr 2008	1038	17.4	643.01	1699	-1	136.08	255.0	129.3	100	124.6
	May 2008	993	16.2	643.01	1699	0	136.05	255.0	124.1	100	124.9
	Jun 2008	937	15.7	642.00	1671	-28	135.52	255.0	116.7	100	124.6
	Jul 2008	929	15.1	641.50	1658	-14	134.73	255.0	115.3	100	124.1
	Aug 2008	790	12.8	641.50	1658	0	134.46	255.0	98.5	100	124.6
	Sep 2008	768	12.9	638.00	1564	-94	132.63	255.0	94.5	100	123.0
	WY 2008	9184							1135.7		
	Oct 2008	591	9.6	630.49	1371	-193	128.25	206.6	70.5	81	119.2
	Nov 2008	492	8.3	634.00	1460	89	126.80	186.2	58.1	73	118.0
	Dec 2008	444	7.2	638.71	1583	123	131.20	183.6	54.2	72	122.1
	Jan 2009	603	9.8	641.80	1666	83	135.27	183.6	75.2	72	124.6
	Feb 2009	644	11.6	641.80	1666	0	135.71	221.9	80.7	87	125.3

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Bureau of Reclamation - CRFS 3/2007 Most Prob Water Supply 08-Mar-2007 11:16:29
Parker Dam - Lake Havasu

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Parker Static Head Feet	Parker Generator Capacity MW	Parker Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Mar 2006	615	10.0	447.15	564	17	0.00	110.0	40.3	92	65.5
H	Apr 2006	725	12.2	446.83	558	-6	0.00	120.0	48.6	100	67.1
I	May 2006	749	12.2	447.06	562	4	0.00	120.0	50.4	100	67.2
S	Jun 2006	730	12.3	447.78	576	14	0.00	120.0	48.5	100	66.4
T	Jul 2006	742	12.1	448.22	584	8	0.00	120.0	49.9	100	67.2
O	Aug 2006	636	10.3	447.98	580	-5	0.00	120.0	41.6	100	65.4
R	Sep 2006	548	9.2	446.67	555	-25	0.00	120.0	37.0	100	67.6
	WY 2006	6695							448.2		
I	Oct 2006	457	7.4	447.85	577	22	0.00	91.0	30.8	76	67.4
C	Nov 2006	363	6.1	447.24	566	-11	0.00	96.0	24.1	80	66.5
A	Dec 2006	334	5.4	448.23	584	19	0.00	107.0	21.8	89	65.2
L	Jan 2007	366	5.9	447.71	575	-10	0.00	97.0	24.7	81	67.6
*	Feb 2007	472	8.5	445.97	542	-32	0.00	108.0	31.4	90	66.6
	Mar 2007	696	11.3	446.70	555	13	74.22	109.2	45.3	91	65.2
	Apr 2007	785	13.2	447.50	570	15	74.50	120.0	51.5	100	65.5
	May 2007	735	12.0	448.71	594	23	75.47	120.0	48.6	100	66.1
	Jun 2007	748	12.6	448.71	594	0	76.06	120.0	49.9	100	66.7
	Jul 2007	750	12.2	448.00	580	-14	75.72	120.0	49.7	100	66.3
	Aug 2007	621	10.1	447.50	570	-10	75.13	120.0	40.7	100	65.5
	Sep 2007	564	9.5	446.81	557	-13	74.55	120.0	36.6	100	65.0
	WY 2007	6888							455.1		
	Oct 2007	479	7.8	446.31	548	-9	75.31	91.2	31.3	76	65.3
	Nov 2007	371	6.2	446.00	543	-6	74.67	96.0	23.8	80	64.1
	Dec 2007	317	5.2	445.80	539	-4	73.91	106.8	19.9	89	62.8
	Jan 2008	352	5.7	445.80	539	0	74.27	97.2	22.4	81	63.5
	Feb 2008	412	7.2	446.00	543	4	73.33	120.0	26.2	100	63.4
	Mar 2008	696	11.3	446.70	555	13	73.77	120.0	45.1	100	64.7
	Apr 2008	786	13.2	448.71	594	38	75.09	120.0	51.9	100	66.0
	May 2008	734	11.9	448.71	594	0	76.06	120.0	48.9	100	66.6
	Jun 2008	747	12.6	448.71	594	0	76.06	120.0	49.8	100	66.7
	Jul 2008	749	12.2	448.00	580	-14	75.72	120.0	49.7	100	66.3
	Aug 2008	620	10.1	447.50	570	-10	75.13	120.0	40.6	100	65.5
	Sep 2008	563	9.5	446.81	557	-13	74.55	120.0	36.6	100	65.0
	WY 2008	6827							446.0		
	Oct 2008	478	7.8	446.31	548	-9	75.31	91.2	31.2	76	65.3
	Nov 2008	371	6.2	446.00	543	-6	74.67	96.0	23.8	80	64.1
	Dec 2008	317	5.2	445.80	539	-4	73.91	106.8	19.9	89	62.8
	Jan 2009	349	5.7	445.80	539	0	74.27	97.2	22.2	81	63.5
	Feb 2009	408	7.3	446.00	543	4	73.33	120.0	25.9	100	63.5

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T Y M R E S E R V O I R S

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Upper Basin Power

		Glen Canyon 1000 MWHR	Flam Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Res 1000 MWHR	Font Res 1000 MWHR
*	Mar 2006	244	30	12	14	6	3
	Winter 2006	1645	174	57	73	30	17
H	Apr 2006	245	29	18	26	17	4
I	May 2006	248	63	15	25	21	7
S	Jun 2006	341	29	29	36	21	8
T	Jul 2006	351	20	38	43	22	6
O	Aug 2006	349	18	38	45	22	6
R	Sep 2006	223	19	30	39	20	2
	Summer 2006	1756	177	168	213	123	33
I	Oct 2006	254	19	20	25	15	4
C	Nov 2006	254	19	14	18	10	4
A	Dec 2006	338	28	25	31	18	4
L	Jan 2007	336	28	25	31	16	4
*	Feb 2007	251	25	14	18	4	3
	Mar 2007	236	18	13	16	8	4
	Winter 2007	1668	138	112	138	70	22
	Apr 2007	236	17	12	19	11	4
	May 2007	238	47	14	24	16	6
	Jun 2007	323	44	16	26	17	7
	Jul 2007	329	29	30	36	20	9
	Aug 2007	328	29	38	45	23	9
	Sep 2007	245	28	34	41	21	6
	Summer 2007	1698	195	145	192	108	41
	Oct 2007	242	29	22	28	14	6
	Nov 2007	242	28	13	17	9	6
	Dec 2007	322	29	21	26	13	6
	Jan 2008	321	29	19	25	13	5
	Feb 2008	239	27	16	21	11	4
	Mar 2008	239	38	17	23	13	4
	Winter 2008	1605	181	110	140	73	32
	Apr 2008	239	40	20	29	16	4
	May 2008	243	63	22	36	23	7
	Jun 2008	332	81	21	32	22	9
	Jul 2008	358	38	35	42	23	10
	Aug 2008	368	38	38	45	23	10
	Sep 2008	252	37	36	43	22	6
	Summer 2008	1791	298	171	227	129	44
	Oct 2008	251	38	24	29	15	6
	Nov 2008	251	37	15	19	10	6
	Dec 2008	334	38	19	24	12	6
	Jan 2009	332	38	21	27	14	5
	Feb 2009	330	34	16	20	11	4

BUREAU OF RECLAMATION - CRFS 3/2007 MOST PROB WATER SUPPLY JOB STARTED:Thur MAR 8 11:18:11 2007

model_run_id = 1665

FLOOD CONTROL CRITERIA
BEGINNING OF MONTH CONDITIONS

MON	YEAR	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	LAKE POWELL KAF	UPPER BASIN TOTAL KAF	LAKE MEAD KAF	TOTAL KAF	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	TOT OR MAX ALLOW KAF	LAKE POWELL KAF	LAKE MEAD KAF	TOTAL KAF	BOM SPACE REQD KAF	MEAD SCHED REL KAF	MEAD FC REL KAF	SYS CONT MAF
		* * * * PREDICTED SPACE * * * *							* * * * EFFECTIVE SPACE * * * *									
MAR	2007	856	332	150	12768	14106	13092	27198	357	329	86	773	12768	13092	26633	1500	979	0	33.2
APR	2007	836	342	128	12885	14191	13420	27611	333	337	58	728	12885	13420	27034	1500	1047	0	32.9
MAY	2007	766	312	78	12885	14041	13850	27891	255	308	-11	552	12885	13850	27286	1500	1031	0	33.4
JUN	2007	729	191	142	12075	13137	14263	27401	209	180	18	407	12075	14263	26745	1500	894	0	34.4
JUL	2007	597	34	217	11113	11962	14405	26366	65	6	42	113	11113	14405	25630	1500	933	0	34.4
									* * * * CREDITABLE SPACE * * * *									
AUG	2007	548	27	231	11001	11807	14564	26371	548	27	231	806	11001	14564	26371	1500	812	0	34.0
SEP	2007	568	86	245	11253	12153	14596	26749	568	86	245	899	11253	14596	26749	2270	719	0	33.6
OCT	2007	606	155	248	11354	12363	14730	27094	606	155	248	1010	11354	14730	27094	3040	444	0	33.3
NOV	2007	635	189	248	11420	12492	14600	27092	635	189	248	1072	11420	14600	27092	3810	632	0	33.3
DEC	2007	665	202	250	11487	12603	14644	27247	665	202	250	1116	11487	14644	27247	4580	628	0	33.2
JAN	2008	710	248	259	11777	12994	14461	27455	710	248	259	1217	11777	14461	27455	5350	711	0	33.0
									* * * * EFFECTIVE SPACE * * * *									
JAN	2008	710	248	259	11777	12994	14461	27455	347	248	259	854	11777	14461	27092	5350	711	0	33.0
FEB	2008	752	290	270	12097	13408	14354	27762	386	290	270	947	12097	14354	27397	1500	662	0	32.8
MAR	2008	782	324	267	12237	13611	14358	27969	414	324	267	1005	12237	14358	27601	1500	961	0	32.5
APR	2008	787	350	220	12254	13612	14667	28279	415	350	220	986	12254	14667	27907	1500	1073	0	32.4
MAY	2008	761	344	128	12085	13318	15118	28436	383	344	128	855	12085	15118	28058	1500	1026	0	33.4
JUN	2008	679	216	66	10974	11936	15525	27460	292	215	60	567	10974	15525	27066	1500	937	0	35.0
JUL	2008	516	37	106	9483	10141	15703	25844	115	11	48	173	9483	15703	25359	1500	945	0	35.2
									* * * * CREDITABLE SPACE * * * *									
AUG	2008	419	27	114	9175	9735	15826	25561	419	27	114	560	9175	15826	25561	1500	825	0	34.9
SEP	2008	442	79	124	9420	10065	15802	25867	442	79	124	645	9420	15802	25867	2270	706	0	34.5
OCT	2008	497	152	126	9467	10242	15925	26167	497	152	126	775	9467	15925	26167	3040	428	0	34.3
NOV	2008	550	190	126	9511	10376	15777	26153	550	190	126	866	9511	15777	26153	3810	609	0	34.2
DEC	2008	603	208	128	9553	10492	15797	26289	603	208	128	940	9553	15797	26289	4580	595	0	34.2
JAN	2009	672	248	136	9828	10883	15580	26464	672	248	136	1056	9828	15580	26464	5350	718	0	33.9
									* * * * EFFECTIVE SPACE * * * *									
JAN	2009	672	248	136	9828	10883	15580	26464	292	248	136	676	9828	15580	26084	5350	718	0	33.9
FEB	2009	737	295	144	10122	11299	15478	26777	356	295	144	796	10122	15478	26396	1500	669	0	33.7

To: All Annual Operating Plan Recipients

From: Lower Colorado Region
Boulder Canyon Operations Office
River Operations Group
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This operational study reflects the 2007 Annual Operating Plan (AOP) as signed by the Secretary of the Interior. The Partial Domestic Surplus condition is the criterion governing the operation of Lake Mead for Calendar Year 2007. A copy of the 2007 AOP can be obtained by contacting (702)293-8190 or visiting our website at www.usbr.gov/lc/riverops.html.

In this study, the Calendar Year (CY) 2007 diversion for Metropolitan Water District of Southern California (MWD) is forecasted to be 0.641 million acre-feet (maf). The CY 2007 diversion for the Central Arizona Project (CAP) is forecasted to be 1.554 maf. Consumptive use for Nevada above Hoover is forecasted to be 0.292 maf for CY 2007.

At this time, preliminary estimates for water demand schedules for CY 2007 in the Lower Basin do not reflect Partial Domestic schedules. This does not preclude any entity entitled to a Partial Domestic Surplus from requesting it at a later time in CY 2007. Lake Mead's elevation is projected to be 1115.66 feet at the end of CY 2007. According to the Interim Surplus Guidelines, when Lake Mead's elevation is projected to be below elevation 1125 feet, the Normal Criterion governs the operation of Lake Mead.

Due to declining Lake Mead elevations, Hoover's generator capacity is adjusted based on estimated effective capacity and plant availability. The estimated effective capacity is based on projected Lake Mead elevations. Unit capacity tests will be performed as the lake elevation changes in 2' increments. This study reflects these changes in the projections.

Current runoff projections into Lake Powell are provided by the National Weather Service's Colorado Basin River Forecast Center and are as follows: observed unregulated inflow into Lake Powell for the month of March, 2007 was 0.796 maf or 120% of the 30 year average. The forecast for April, 2007 unregulated inflow into Lake Powell is 0.900 maf or 91% of the 30 year average. The forecast for the April through July unregulated inflow period is 4.0 maf or 50% of average.

Hoover, Davis, and Parker historical gross energy figures come from PO&M reports provided by the Power and O&M Group, Boulder Canyon Operations, Bureau of Reclamation, Boulder City, Nevada. Questions regarding these historical energy numbers can be directed to Larry Karr at (702) 293-8094.

(Note: Lower Basin previous months' historical SNWP and flow to Mexico values are preliminary estimates.)

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Fontenelle Reservoir

		Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Apr 2006	98	1	66	0	66	6479.16	162
H	May 2006	219	2	99	19	118	6494.92	262
I	Jun 2006	217	2	100	91	191	6498.17	285
S	Jul 2006	86	3	68	0	68	6500.17	300
T	Aug 2006	35	2	68	1	69	6495.25	264
O	Sep 2006	29	2	23	28	51	6491.84	240
	WY 2006	895	17	683	200	883		
R	Oct 2006	41	1	54	1	55	6489.68	226
I	Nov 2006	40	1	54	0	54	6487.35	210
C	Dec 2006	29	1	57	0	57	6482.67	182
A	Jan 2007	26	1	56	0	56	6477.07	152
L	Feb 2007	26	0	50	0	50	6471.76	127
*	Mar 2007	62	0	56	0	56	6473.15	133
	Apr 2007	83	1	54	0	54	6478.94	161
	May 2007	105	1	56	0	56	6487.03	209
	Jun 2007	130	2	54	0	54	6497.76	282
	Jul 2007	52	3	56	0	56	6496.86	276
	Aug 2007	43	2	56	0	56	6494.77	261
	Sep 2007	37	2	58	0	58	6491.56	238
	WY 2007	674	15	661	1	662		
	Oct 2007	49	1	60	0	60	6489.58	226
	Nov 2007	41	1	58	0	58	6486.92	208
	Dec 2007	32	1	60	0	60	6482.25	179
	Jan 2008	30	1	60	0	60	6476.45	149
	Feb 2008	28	0	56	0	56	6470.25	120
	Mar 2008	51	0	60	0	60	6468.05	111
	Apr 2008	89	1	74	0	74	6471.33	125
	May 2008	176	1	100	5	105	6484.77	195
	Jun 2008	308	2	103	93	196	6500.64	304
	Jul 2008	186	3	100	46	146	6505.45	341
	Aug 2008	83	2	100	4	104	6502.45	318
	Sep 2008	49	2	59	9	68	6499.62	296
	WY 2008	1122	15	890	157	1047		
	Oct 2008	49	1	71	0	71	6496.44	273
	Nov 2008	41	1	68	0	68	6492.43	244
	Dec 2008	32	1	71	0	71	6486.45	205
	Jan 2009	30	1	71	0	71	6479.35	163
	Feb 2009	27	0	64	0	64	6471.62	126
	Mar 2009	51	0	73	0	73	6466.32	104

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Flaming Gorge Reservoir

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Yampa Flow 1000 Ac-Ft	Jensen Flow 1000 Ac-Ft
*	Apr 2006	134	103	5	84	0	84	84	6021.59	3036	345	436
H	May 2006	261	160	7	178	4	182	83	6020.81	3008	559	739
I	Jun 2006	239	214	10	78	0	78	88	6024.17	3130	258	393
S	Jul 2006	90	71	13	54	0	54	88	6024.29	3134	40	104
T	Aug 2006	32	65	12	50	0	50	88	6024.35	3136	12	65
O	Sep 2006	31	54	10	50	0	50	88	6024.19	3130	22	77
	WY 2006	1041	1031	77	999	4	1003					2585
R	Oct 2006	50	64	7	50	0	50	88	6024.37	3137	0	114
I	Nov 2006	43	57	4	48	0	48	89	6024.50	3142	0	100
C	Dec 2006	29	58	2	76	0	76	88	6023.99	3123	0	110
A	Jan 2007	33	63	2	75	0	75	87	6023.61	3109	0	592
L	Feb 2007	45	69	2	66	0	66	87	6023.65	3111	0	392
*	Mar 2007	119	113	3	51	0	51	90	6025.19	3167	0	221
	Apr 2007	110	81	5	48	0	48	90	6025.94	3195	0	48
	May 2007	140	91	8	127	0	127	89	6024.81	3153	0	127
	Jun 2007	180	104	10	85	0	85	89	6025.06	3162	0	84
	Jul 2007	95	99	13	72	0	72	90	6025.41	3175	0	72
	Aug 2007	60	73	12	72	0	72	89	6025.11	3164	0	72
	Sep 2007	47	68	11	70	0	70	89	6024.78	3152	0	70
	WY 2007	951	940	79	840	0	840					2002
	Oct 2007	59	71	7	72	0	72	89	6024.55	3144	0	72
	Nov 2007	51	68	3	70	0	70	89	6024.42	3139	0	70
	Dec 2007	37	65	2	72	0	72	88	6024.18	3130	0	72
	Jan 2008	41	71	2	72	0	72	88	6024.11	3127	0	72
	Feb 2008	47	75	2	68	0	68	88	6024.25	3132	0	68
	Mar 2008	103	112	3	72	0	72	90	6025.22	3168	0	72
	Apr 2008	142	128	5	70	0	70	91	6026.59	3219	0	70
	May 2008	263	192	8	146	0	146	93	6027.57	3256	0	146
	Jun 2008	400	288	10	223	0	223	94	6028.95	3309	0	224
	Jul 2008	219	179	14	109	0	109	96	6030.37	3363	0	109
	Aug 2008	97	118	13	109	0	109	96	6030.27	3360	0	109
	Sep 2008	58	78	11	106	0	106	95	6029.30	3322	0	106
	WY 2008	1517	1445	80	1189	0	1189					1190
	Oct 2008	59	81	7	109	0	109	94	6028.41	3288	0	109
	Nov 2008	51	79	3	106	0	106	93	6027.64	3259	0	106
	Dec 2008	37	76	2	109	0	109	91	6026.73	3225	0	109
	Jan 2009	41	82	2	109	0	109	91	6025.98	3197	0	109
	Feb 2009	45	82	2	99	0	99	90	6025.50	3179	0	99
	Mar 2009	103	125	3	109	0	109	90	6025.83	3191	0	109

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Taylor Park Reservoir

		Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Apr 2006	10	7	9312.57	74
H	May 2006	28	12	9321.23	89
I	Jun 2006	24	18	9324.06	95
S	Jul 2006	12	18	9320.55	88
T	Aug 2006	9	18	9315.25	79
O	Sep 2006	8	14	9311.30	72
	WY 2006	120	116		
R	Oct 2006	10	5	9314.16	77
I	Nov 2006	6	4	9315.22	79
C	Dec 2006	5	5	9315.38	79
A	Jan 2007	4	5	9315.07	78
L	Feb 2007	3	4	9314.65	78
*	Mar 2007	6	5	9315.67	79
	Apr 2007	9	9	9315.92	80
	May 2007	18	14	9318.17	84
	Jun 2007	27	18	9323.20	93
	Jul 2007	15	18	9321.81	90
	Aug 2007	8	18	9316.47	81
	Sep 2007	6	16	9310.72	71
	WY 2007	117	121		
	Oct 2007	6	12	9306.94	65
	Nov 2007	5	3	9308.17	67
	Dec 2007	4	3	9309.08	68
	Jan 2008	4	3	9309.83	70
	Feb 2008	4	3	9310.36	70
	Mar 2008	4	5	9309.89	70
	Apr 2008	8	10	9308.83	68
	May 2008	27	18	9314.47	77
	Jun 2008	43	20	9326.96	100
	Jul 2008	20	21	9326.66	100
	Aug 2008	10	20	9321.43	90
	Sep 2008	7	16	9316.39	81
	WY 2008	142	134		
	Oct 2008	6	12	9312.91	75
	Nov 2008	5	6	9312.23	73
	Dec 2008	4	5	9311.88	73
	Jan 2009	4	5	9311.38	72
	Feb 2009	4	5	9310.69	71
	Mar 2009	4	5	9310.22	70

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Blue Mesa Reservoir

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Apr 2006	104	100	1	62	0	62	7492.66	602
H	May 2006	216	201	1	51	0	51	7510.68	752
I	Jun 2006	155	149	1	91	0	91	7517.05	808
S	Jul 2006	76	83	2	117	0	117	7513.07	773
T	Aug 2006	60	69	1	121	0	121	7506.88	719
O	Sep 2006	41	48	1	99	0	99	7500.66	667
	WY 2006	828	828	8	740	0	740		
R	Oct 2006	70	65	1	74	0	74	7499.52	657
I	Nov 2006	42	40	0	52	0	52	7498.10	646
C	Dec 2006	35	35	0	93	0	93	7490.78	587
A	Jan 2007	30	31	0	93	0	93	7482.56	525
L	Feb 2007	26	27	0	54	0	54	7478.89	498
*	Mar 2007	55	54	0	38	0	38	7481.01	513
	Apr 2007	83	83	1	33	0	33	7487.53	562
	May 2007	140	136	1	45	0	45	7498.94	653
	Jun 2007	172	163	1	46	0	46	7512.56	768
	Jul 2007	65	68	2	92	0	92	7509.61	742
	Aug 2007	43	52	1	101	0	101	7503.80	693
	Sep 2007	31	40	1	93	0	93	7497.29	639
	WY 2007	792	794	8	814	0	814		
	Oct 2007	35	41	1	68	0	68	7493.85	612
	Nov 2007	31	29	0	40	0	40	7492.40	600
	Dec 2007	25	24	0	42	0	42	7490.03	582
	Jan 2008	24	23	0	60	0	60	7485.16	544
	Feb 2008	23	22	0	56	0	56	7480.53	510
	Mar 2008	34	35	0	61	0	61	7476.87	483
	Apr 2008	73	75	1	69	0	69	7477.56	488
	May 2008	212	203	1	74	0	74	7494.43	616
	Jun 2008	271	248	1	70	0	70	7515.33	793
	Jul 2008	121	121	2	110	0	110	7516.40	802
	Aug 2008	62	72	1	122	0	122	7510.58	751
	Sep 2008	36	45	1	118	0	118	7501.92	677
	WY 2008	947	938	8	890	0	890		
	Oct 2008	35	41	1	78	0	78	7497.34	640
	Nov 2008	31	32	0	50	0	50	7495.03	621
	Dec 2008	25	26	0	65	0	65	7490.03	582
	Jan 2009	24	25	0	72	0	72	7483.82	534
	Feb 2009	22	23	0	54	0	54	7479.59	503
	Mar 2009	34	35	0	59	0	59	7476.18	479

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Morrow Point Reservoir

		Unreg Inflow 1000 Ac-Ft	Blue_Mesa Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Evap losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Apr 2006	116	62	12	74	0	73	0	73	7149.60	109
H	May 2006	240	51	24	74	0	72	0	72	7152.51	111
I	Jun 2006	166	91	11	102	0	101	0	101	7153.49	112
S	Jul 2006	79	117	3	120	0	119	0	119	7154.36	113
T	Aug 2006	62	121	3	124	0	123	0	123	7156.04	114
O	Sep 2006	43	99	2	101	0	107	0	107	7145.25	105
	WY 2006	893	740	66	805	0	809	0	809		
R	Oct 2006	72	74	-1	73	0	71	0	71	7148.31	108
I	Nov 2006	41	52	-1	50	0	52	0	52	7146.13	106
C	Dec 2006	31	93	-4	89	0	88	0	88	7146.46	106
A	Jan 2007	25	93	-5	88	0	88	0	88	7145.92	106
L	Feb 2007	24	54	-2	51	0	51	0	51	7145.91	106
*	Mar 2007	58	38	3	41	0	34	0	34	7154.36	113
	Apr 2007	95	33	12	45	0	46	0	46	7153.73	112
	May 2007	157	45	17	61	0	61	0	61	7153.73	112
	Jun 2007	185	46	13	59	0	59	0	59	7153.73	112
	Jul 2007	63	92	-2	90	0	90	0	90	7153.73	112
	Aug 2007	43	101	0	101	0	101	0	101	7153.73	112
	Sep 2007	32	93	2	95	0	95	0	95	7153.73	112
	WY 2007	826	814	32	843	0	836	0	836		
	Oct 2007	38	68	3	71	0	71	0	71	7153.73	112
	Nov 2007	33	40	2	42	0	42	0	42	7153.73	112
	Dec 2007	27	42	2	44	0	44	0	44	7153.73	112
	Jan 2008	26	60	2	62	0	62	0	62	7153.73	112
	Feb 2008	26	56	3	59	0	59	0	59	7153.73	112
	Mar 2008	38	61	4	65	0	65	0	65	7153.73	112
	Apr 2008	84	69	11	80	0	80	0	80	7153.73	112
	May 2008	237	74	25	99	0	99	0	99	7153.73	112
	Jun 2008	292	70	21	91	0	91	0	91	7153.73	112
	Jul 2008	127	110	7	117	0	117	0	117	7153.73	112
	Aug 2008	65	122	4	126	0	126	0	126	7153.73	112
	Sep 2008	39	118	3	121	0	121	0	121	7153.73	112
	WY 2008	1032	890	87	977	0	977	0	977		
	Oct 2008	38	78	3	81	0	81	0	81	7153.73	112
	Nov 2008	33	50	2	52	0	52	0	52	7153.73	112
	Dec 2008	27	65	2	67	0	67	0	67	7153.73	112
	Jan 2009	26	72	2	74	0	74	0	74	7153.73	112
	Feb 2009	25	54	3	57	0	57	0	57	7153.73	112
	Mar 2009	38	59	4	63	0	63	0	63	7153.73	112

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Crystal Reservoir

	unreg Inflow 1000 Ac-Ft	Morrow Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Tunnel Flow 1000 Ac-Ft	Below_tunnel Flow 1000 Ac-Ft
* Apr 2006	129	73	13	86	85	0	85	6752.73	17	48	39
H May 2006	270	72	30	102	105	0	105	6743.65	14	50	44
I Jun 2006	183	101	17	118	116	2	118	6745.00	15	65	60
S Jul 2006	86	119	7	126	126	0	126	6745.30	15	63	72
T Aug 2006	69	123	6	129	129	0	129	6744.74	15	62	79
O Sep 2006	47	107	4	114	112	1	113	6746.01	15	53	68
WY 2006	993	809	98	909	859	50	909			384	559
R Oct 2006	76	71	7	77	77	0	77	6746.08	15	40	39
I Nov 2006	46	52	5	57	58	0	58	6740.90	14	0	58
C Dec 2006	35	88	4	93	93	0	93	6738.89	13	0	99
A Jan 2007	29	88	4	92	85	8	93	6737.51	13	1	101
L Feb 2007	27	51	3	55	25	29	54	6739.24	13	2	57
* Mar 2007	67	34	8	43	42	0	42	6739.82	13	1	43
Apr 2007	110	46	15	60	57	0	57	6753.04	17	30	27
May 2007	175	61	18	80	80	0	80	6753.04	17	55	25
Jun 2007	210	59	25	84	84	0	84	6753.04	17	60	24
Jul 2007	75	90	12	102	102	0	102	6753.04	17	65	37
Aug 2007	50	101	7	108	108	0	108	6753.04	17	65	43
Sep 2007	38	95	6	100	100	0	100	6753.04	17	55	45
WY 2007	938	836	114	951	911	37	948			374	598
Oct 2007	44	71	7	77	77	0	77	6753.04	17	30	47
Nov 2007	38	42	5	47	47	0	47	6753.04	17	0	47
Dec 2007	32	44	5	49	49	0	49	6753.04	17	0	49
Jan 2008	31	62	5	67	67	0	67	6753.04	17	0	67
Feb 2008	30	59	4	63	63	0	63	6753.04	17	0	63
Mar 2008	46	65	7	72	72	0	72	6753.04	17	5	67
Apr 2008	96	80	12	92	92	0	92	6753.04	17	30	62
May 2008	272	99	35	134	134	0	134	6753.04	17	55	79
Jun 2008	330	91	38	130	130	0	130	6753.04	17	60	70
Jul 2008	144	117	17	134	134	0	134	6753.04	17	65	69
Aug 2008	74	126	8	134	134	0	134	6753.04	17	65	69
Sep 2008	45	121	6	127	127	0	127	6753.04	17	55	72
WY 2008	1182	977	149	1126	1126	0	1126			365	761
Oct 2008	44	81	7	87	87	0	87	6753.04	17	30	57
Nov 2008	38	52	5	57	57	0	57	6753.04	17	0	57
Dec 2008	32	67	5	72	72	0	72	6753.04	17	0	72
Jan 2009	31	74	5	79	79	0	79	6753.04	17	0	79
Feb 2009	29	57	4	61	61	0	61	6753.04	17	0	61
Mar 2009	46	63	7	70	70	0	70	6753.04	17	5	65

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Vallecito Reservoir

		Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Apr 2006	24	2	7656.14	102
H	May 2006	62	41	7663.94	123
I	Jun 2006	28	41	7658.79	109
S	Jul 2006	20	37	7651.91	92
T	Aug 2006	28	33	7649.90	87
O	Sep 2006	24	26	7648.87	84
	WY 2006	247	238		
R	Oct 2006	54	42	7653.51	96
I	Nov 2006	15	34	7645.48	76
C	Dec 2006	8	8	7645.38	76
A	Jan 2007	7	6	7645.38	76
L	Feb 2007	5	5	7645.51	76
*	Mar 2007	14	5	7649.56	86
	Apr 2007	19	5	7655.21	100
	May 2007	42	31	7659.40	111
	Jun 2007	52	42	7663.11	120
	Jul 2007	17	43	7652.78	94
	Aug 2007	13	43	7639.74	64
	Sep 2007	15	30	7631.83	48
	WY 2007	261	294		
	Oct 2007	13	13	7631.69	48
	Nov 2007	8	3	7634.42	53
	Dec 2007	6	3	7635.90	56
	Jan 2008	5	3	7636.94	58
	Feb 2008	5	2	7638.02	60
	Mar 2008	8	3	7640.34	65
	Apr 2008	22	10	7645.64	77
	May 2008	69	31	7661.07	115
	Jun 2008	78	67	7664.81	125
	Jul 2008	31	43	7660.03	112
	Aug 2008	19	43	7650.38	88
	Sep 2008	17	30	7644.77	75
	WY 2008	281	251		
	Oct 2008	13	15	7643.75	72
	Nov 2008	8	4	7645.57	77
	Dec 2008	6	6	7645.52	76
	Jan 2009	5	5	7645.56	77
	Feb 2009	5	5	7645.42	76
	Mar 2009	8	5	7646.66	79

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Navajo Reservoir

		Mod_Unreg Inflow 1000 Ac-Ft	Azetea Tunnel_Div 1000 Ac-Ft	Reg Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	NIIP Diversion 1000 ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Farm Flow 1000 Ac-Ft
*	Apr 2006	117	17	78	3	20	21	6074.09	1538	58
H	May 2006	174	25	126	4	28	49	6077.20	1583	141
I	Jun 2006	54	8	58	5	43	126	6069.04	1467	196
S	Jul 2006	35	4	48	5	37	47	6066.07	1427	63
T	Aug 2006	67	5	67	4	35	38	6065.35	1417	62
O	Sep 2006	58	6	54	3	15	34	6065.53	1420	57
	WY 2006	689	72	605	32	189	484			881
R	Oct 2006	168	13	141	2	7	29	6073.01	1523	128
I	Nov 2006	42	0	62	1	0	27	6075.33	1556	47
C	Dec 2006	27	0	27	1	1	26	6075.31	1556	50
A	Jan 2007	22	0	21	1	1	29	6074.67	1546	46
L	Feb 2007	30	0	31	1	1	29	6074.65	1546	53
*	Mar 2007	126	13	104	2	5	41	6078.51	1603	76
	Apr 2007	107	15	77	3	17	44	6079.43	1616	44
	May 2007	173	30	132	4	31	186	6073.33	1527	186
	Jun 2007	155	20	124	5	47	30	6076.31	1570	30
	Jul 2007	40	2	64	5	50	33	6074.61	1546	33
	Aug 2007	30	0	59	4	42	35	6073.06	1523	35
	Sep 2007	36	2	49	3	24	30	6072.50	1516	30
	WY 2007	956	95	891	32	226	539			758
	Oct 2007	38	0	38	2	7	31	6072.38	1514	31
	Nov 2007	33	0	28	1	0	30	6072.17	1511	30
	Dec 2007	24	0	21	1	0	31	6071.43	1501	31
	Jan 2008	22	0	20	1	0	31	6070.60	1489	31
	Feb 2008	31	0	29	1	0	28	6070.63	1489	28
	Mar 2008	88	2	81	2	4	31	6073.80	1534	31
	Apr 2008	174	19	142	3	17	34	6079.86	1623	34
	May 2008	279	31	209	4	31	200	6078.11	1597	200
	Jun 2008	246	45	191	5	47	212	6073.06	1523	212
	Jul 2008	74	7	79	5	51	31	6072.52	1516	31
	Aug 2008	43	0	67	4	42	31	6071.80	1506	31
	Sep 2008	42	0	55	3	24	30	6071.66	1504	30
	WY 2008	1094	104	960	32	223	720			720
	Oct 2008	38	0	40	2	7	31	6071.66	1504	31
	Nov 2008	33	0	29	1	0	30	6071.50	1501	30
	Dec 2008	24	0	24	1	0	31	6070.98	1494	31
	Jan 2009	22	0	22	1	0	30	6070.36	1485	30
	Feb 2009	30	0	30	1	0	30	6070.35	1485	30
	Mar 2009	88	2	83	2	4	31	6073.67	1532	31

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Lake Powell

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Bank Storage 1000 Ac-Ft	EOM Storage 1000 Ac-Ft	Lees Ferry 1000 Ac-Ft
*	Apr 2006	1015	907	19	603	0	603	3592.99	18666	11093	618
H	May 2006	2040	1730	27	602	0	602	3605.25	18602	12258	615
I	Jun 2006	1645	1497	42	801	0	801	3610.35	18748	12766	826
S	Jul 2006	618	666	44	829	0	829	3606.85	18891	12416	864
T	Aug 2006	425	507	49	827	0	827	3602.78	18921	12017	877
O	Sep 2006	418	507	46	536	0	536	3601.74	18945	11917	573
	WY 2006	8769	8713	336	8229	0	8229				8522
R	Oct 2006	1018	923	27	606	0	606	3607.96	18626	12526	635
I	Nov 2006	558	536	24	603	0	603	3606.85	18645	12416	628
C	Dec 2006	402	502	21	801	0	801	3603.39	18664	12076	834
A	Jan 2007	315	426	13	800	0	800	3599.51	18649	11703	833
L	Feb 2007	404	462	15	604	0	604	3597.91	18643	11552	625
*	Mar 2007	795	680	13	602	0	602	3598.81	18623	11637	611
	Apr 2007	900	754	25	600	0	600	3600.06	18633	11756	600
	May 2007	1100	1065	35	600	0	600	3604.19	18665	12154	600
	Jun 2007	1350	1070	40	800	0	800	3606.36	18682	12367	800
	Jul 2007	650	700	46	805	0	805	3604.94	18671	12227	805
	Aug 2007	371	489	46	805	0	805	3601.48	18644	11892	805
	Sep 2007	380	485	40	604	0	604	3599.95	18632	11745	604
	WY 2007	8243	8092	345	8230	0	8230				8380
	Oct 2007	506	552	36	600	0	600	3599.13	18626	11668	600
	Nov 2007	523	548	30	600	0	600	3598.34	18620	11592	600
	Dec 2007	418	477	24	800	0	800	3594.90	18594	11270	800
	Jan 2008	384	461	18	800	0	800	3591.30	18567	10939	800
	Feb 2008	409	459	17	600	0	600	3589.69	18556	10793	600
	Mar 2008	628	572	21	600	0	600	3589.19	18552	10748	600
	Apr 2008	952	773	24	600	0	600	3590.71	18563	10885	600
	May 2008	2161	1889	34	600	0	600	3603.09	18656	12048	600
	Jun 2008	2808	2489	42	650	0	650	3619.52	18789	13712	650
	Jul 2008	1345	1239	50	850	0	850	3622.47	18814	14027	850
	Aug 2008	566	669	51	900	0	900	3620.02	18794	13766	900
	Sep 2008	459	600	44	630	0	630	3619.38	18788	13697	630
	WY 2008	11159	10728	391	8230	0	8230				8230
	Oct 2008	506	599	40	600	0	600	3619.02	18785	13660	600
	Nov 2008	523	594	33	600	0	600	3618.68	18782	13624	600
	Dec 2008	418	536	27	800	0	800	3616.11	18761	13355	800
	Jan 2009	384	509	20	800	0	800	3613.31	18738	13066	800
	Feb 2009	395	479	19	650	0	650	3611.58	18724	12890	650
	Mar 2009	628	607	24	650	0	650	3610.98	18719	12829	650

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Hoover Dam - Lake Mead

		Glen Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	SNWP Use 1000 Ac-Ft	Dwnstrm Reqmnts 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
*	Apr 2006	603	61	48	990	16.6	21	989	973	1135.94	14966
H	May 2006	602	30	55	1071	17.4	34	1069	941	1131.14	14470
I	Jun 2006	801	20	65	1036	17.4	32	1034	922	1128.26	14178
S	Jul 2006	829	56	80	967	15.7	34	962	910	1126.42	13993
T	Aug 2006	827	124	85	818	13.3	35	812	910	1126.54	14005
O	Sep 2006	536	69	70	633	10.6	28	628	903	1125.36	13887
	WY 2006	8229	702	668	9395		287	9343			
R	Oct 2006	606	117	51	564	9.2	26	554	908	1126.13	13964
I	Nov 2006	603	47	51	525	8.8	20	523	911	1126.63	14014
C	Dec 2006	801	39	44	621	10.1	15	617	921	1128.12	14164
A	Jan 2007	800	42	36	639	10.4	13	637	930	1129.55	14309
L	Feb 2007	604	67	33	647	11.6	12	646	929	1129.35	14288
*	Mar 2007	602	44	37	970	15.8	20	969	905	1125.79	13930
	Apr 2007	600	29	45	1114	18.7	22	1114	872	1120.54	13412
	May 2007	600	39	51	1034	16.8	34	1034	842	1115.86	12960
	Jun 2007	800	39	61	933	15.7	33	933	831	1114.01	12784
	Jul 2007	805	68	76	935	15.2	32	935	821	1112.33	12625
	Aug 2007	805	83	80	814	13.2	29	814	818	1111.97	12591
	Sep 2007	604	71	66	686	11.5	32	686	812	1110.89	12489
	WY 2007	8230	685	631	9482		288	9461			
	Oct 2007	600	62	48	386	6.3	30	386	824	1112.86	12675
	Nov 2007	600	57	48	559	9.4	24	559	825	1113.12	12699
	Dec 2007	800	77	42	567	9.2	11	567	841	1115.66	12941
	Jan 2008	800	73	35	711	11.6	13	711	848	1116.78	13048
	Feb 2008	600	101	32	662	11.5	13	662	848	1116.73	13044
	Mar 2008	600	84	35	961	15.6	17	961	828	1113.49	12735
	Apr 2008	600	58	43	1073	18.0	23	1073	798	1108.69	12283
	May 2008	600	78	49	1026	16.7	35	1026	772	1104.28	11877
	Jun 2008	650	39	58	937	15.7	34	937	751	1100.75	11558
	Jul 2008	850	68	72	945	15.4	33	945	743	1099.38	11435
	Aug 2008	900	83	76	825	13.4	30	825	746	1099.92	11484
	Sep 2008	630	71	63	706	11.9	33	706	740	1098.86	11389
	WY 2008	8230	851	601	9358		296	9356			
	Oct 2008	600	62	46	428	7.0	31	428	750	1100.52	11537
	Nov 2008	600	57	46	609	10.2	24	609	749	1100.29	11517
	Dec 2008	800	77	40	595	9.7	12	595	763	1102.70	11734
	Jan 2009	800	73	33	718	11.7	13	718	769	1103.83	11836
	Feb 2009	650	98	30	669	12.0	13	669	772	1104.19	11870
	Mar 2009	650	84	34	957	15.6	17	957	755	1101.36	11613

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Davis Dam - Lake Mohave

		Hoover Release 1000 Ac-Ft	Side inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Spill Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
*	Apr 2006	990	-36	953	0	953	16.0	641.78	1665
H	May 2006	1071	-11	1034	0	1034	16.8	642.69	1690
I	Jun 2006	1036	-11	1044	0	1044	17.5	641.95	1670
S	Jul 2006	967	-9	933	0	933	15.2	642.85	1695
T	Aug 2006	818	-15	791	0	791	12.9	643.26	1706
O	Sep 2006	633	-16	738	0	738	12.4	638.76	1584
	WY 2006	9395	-224	9152	0	9152			
R	Oct 2006	564	5	686	0	686	11.2	634.29	1467
I	Nov 2006	525	5	489	0	489	8.2	635.85	1508
C	Dec 2006	621	-7	542	0	542	8.8	638.56	1579
A	Jan 2007	639	-20	541	0	541	8.8	641.43	1656
L	Feb 2007	647	-16	649	0	649	11.7	640.75	1638
*	Mar 2007	970	-28	895	0	895	14.6	642.49	1685
	Apr 2007	1114	-36	1029	0	1029	17.3	644.28	1734
	May 2007	1034	-33	1014	0	1014	16.5	643.79	1720
	Jun 2007	933	-28	954	0	954	16.0	642.00	1671
	Jul 2007	935	-29	919	0	919	14.9	641.50	1658
	Aug 2007	814	-35	779	0	779	12.7	641.50	1658
	Sep 2007	686	-31	748	0	748	12.6	638.00	1564
	WY 2007	9482	-253	9245	0	9245			
	Oct 2007	386	-30	549	0	549	8.9	630.49	1371
	Nov 2007	559	-28	442	0	442	7.4	634.00	1460
	Dec 2007	567	-28	416	0	416	6.8	638.71	1583
	Jan 2008	711	-32	596	0	596	9.7	641.80	1666
	Feb 2008	662	-26	636	0	636	11.1	641.80	1666
	Mar 2008	961	-29	897	0	897	14.6	643.05	1700
	Apr 2008	1073	-36	1038	0	1038	17.4	643.01	1699
	May 2008	1026	-33	993	0	993	16.2	643.01	1699
	Jun 2008	937	-28	937	0	937	15.7	642.00	1671
	Jul 2008	945	-29	929	0	929	15.1	641.50	1658
	Aug 2008	825	-35	790	0	790	12.8	641.50	1658
	Sep 2008	706	-31	768	0	768	12.9	638.00	1564
	WY 2008	9358	-365	8991	0	8991			
	Oct 2008	428	-30	591	0	591	9.6	630.49	1371
	Nov 2008	609	-28	492	0	492	8.3	634.00	1460
	Dec 2008	595	-28	444	0	444	7.2	638.71	1583
	Jan 2009	718	-32	603	0	603	9.8	641.80	1666
	Feb 2009	669	-25	644	0	644	11.6	641.80	1666
	Mar 2009	957	-29	894	0	894	14.5	643.05	1700

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Parker Dam - Lake Havasu

		Davis Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	MWD Diversion 1000 Ac-Ft	CAP diversion 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft	Flow_to Mexico 1000 Ac-Ft	Flow_to Mexico 1000 CFS
*	Apr 2006	953	-5	725	12.2	63	166	446.83	558	194	3.3
H	May 2006	1034	-26	749	12.2	78	175	447.06	562	110	1.8
I	Jun 2006	1044	-41	730	12.3	77	182	447.78	576	128	2.2
S	Jul 2006	933	-24	742	12.1	81	77	448.22	584	125	2.0
T	Aug 2006	791	-25	636	10.3	87	47	447.98	580	99	1.6
O	Sep 2006	738	-18	548	9.2	60	137	446.67	555	94	1.6
	WY 2006	9152	-100	6695		827	1525			1552	
R	Oct 2006	686	-1	457	7.4	24	181	447.85	577	80	1.3
I	Nov 2006	489	-4	363	6.1	14	119	447.24	566	100	1.7
C	Dec 2006	542	-10	334	5.4	25	154	448.23	584	122	2.0
A	Jan 2007	541	0	366	5.9	50	134	447.71	575	123	2.0
L	Feb 2007	649	-19	472	8.5	59	131	445.97	542	149	2.7
*	Mar 2007	895	0	684	11.1	20	171	447.06	562	203	3.3
	Apr 2007	1029	0	774	13.0	66	175	447.74	575	195	3.3
	May 2007	1014	-2	738	12.0	86	175	448.49	589	109	1.8
	Jun 2007	954	-7	738	12.4	83	122	448.71	594	120	2.0
	Jul 2007	919	-9	750	12.2	86	87	448.00	580	124	2.0
	Aug 2007	779	1	617	10.0	86	87	447.50	570	93	1.5
	Sep 2007	748	8	560	9.4	63	146	446.81	557	89	1.5
	WY 2007	9245	-43	6853		662	1682			1507	
	Oct 2007	549	11	457	7.4	14	98	446.31	548	75	1.2
	Nov 2007	442	17	340	5.7	14	110	446.00	543	101	1.7
	Dec 2007	416	0	287	4.7	14	118	445.80	539	122	2.0
	Jan 2008	596	-6	352	5.7	57	181	445.80	539	122	2.0
	Feb 2008	636	10	412	7.2	67	163	446.00	543	154	2.7
	Mar 2008	897	12	696	11.3	22	179	446.70	555	202	3.3
	Apr 2008	1038	0	786	13.2	47	167	448.71	594	195	3.3
	May 2008	993	-2	734	11.9	85	172	448.71	594	109	1.8
	Jun 2008	937	-7	747	12.6	93	90	448.71	594	120	2.0
	Jul 2008	929	-9	749	12.2	96	88	448.00	580	124	2.0
	Aug 2008	790	1	620	10.1	96	84	447.50	570	93	1.5
	Sep 2008	768	8	563	9.5	93	133	446.81	557	89	1.5
	WY 2008	8991	35	6743		698	1583			1506	
	Oct 2008	591	11	478	7.8	34	99	446.31	548	75	1.2
	Nov 2008	492	17	371	6.2	16	128	446.00	543	101	1.7
	Dec 2008	444	0	317	5.2	13	117	445.80	539	122	2.0
	Jan 2009	603	-6	349	5.7	67	181	445.80	539	122	2.0
	Feb 2009	644	10	408	7.3	79	163	446.00	543	149	2.7
	Mar 2009	894	12	689	11.2	26	179	446.70	555	202	3.3

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Hoover Dam - Lake Mead

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Hoover Static Head Feet	Hoover Generator Capacity MW	Hoover Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Apr 2006	990	16.6	1135.94	14966	-372	0.00	1720.0	417.0	94	421.1
H	May 2006	1071	17.4	1131.14	14470	-496	0.00	1838.0	448.0	100	418.4
I	Jun 2006	1036	17.4	1128.26	14178	-293	0.00	1815.0	430.5	100	415.6
S	Jul 2006	967	15.7	1126.42	13993	-185	0.00	1793.0	396.0	100	409.4
T	Aug 2006	818	13.3	1126.54	14005	12	0.00	1751.0	331.9	100	405.6
O	Sep 2006	633	10.6	1125.36	13887	-118	0.00	1793.0	250.8	100	396.1
	WY 2006	9395							3871.7		
R	Oct 2006	564	9.2	1126.13	13964	77	0.00	1551.0	223.2	88	395.7
I	Nov 2006	525	8.8	1126.63	14014	50	0.00	1128.0	210.9	64	401.7
C	Dec 2006	621	10.1	1128.12	14164	150	0.00	1128.0	252.7	64	407.1
A	Jan 2007	639	10.4	1129.55	14309	145	0.00	1233.0	262.8	70	411.6
L	Feb 2007	647	11.6	1129.35	14288	-20	0.00	969.0	267.6	55	413.7
*	Mar 2007	970	15.8	1125.79	13930	-358	0.00	1319.0	406.2	74	418.7
	Apr 2007	1114	18.7	1120.54	13412	-518	472.10	1274.6	485.2	73	435.7
	May 2007	1034	16.8	1115.86	12960	-451	465.08	1515.4	431.6	88	417.4
	Jun 2007	933	15.7	1114.01	12784	-177	461.26	1722.0	387.0	100	414.7
	Jul 2007	935	15.2	1112.33	12625	-159	460.25	1711.0	385.2	100	412.1
	Aug 2007	814	13.2	1111.97	12591	-34	459.41	1711.0	336.6	100	413.3
	Sep 2007	686	11.5	1110.89	12489	-102	459.83	1711.0	278.6	100	406.2
	WY 2007	9481							3927.5		
	Oct 2007	386	6.3	1112.86	12675	186	465.02	1300.4	153.1	76	396.5
	Nov 2007	559	9.4	1113.12	12699	25	470.03	1077.9	232.0	63	415.0
	Dec 2007	567	9.2	1115.66	12941	241	468.51	1163.5	233.3	68	411.4
	Jan 2008	711	11.6	1116.78	13048	108	467.67	1180.6	297.5	69	418.5
	Feb 2008	662	11.5	1116.73	13044	-5	467.96	1060.8	278.4	62	420.7
	Mar 2008	961	15.6	1113.49	12735	-309	464.48	1283.2	406.7	75	423.4
	Apr 2008	1073	18.0	1108.69	12283	-451	459.43	1356.8	450.0	81	419.5
	May 2008	1026	16.7	1104.28	11877	-406	455.51	1237.5	424.6	75	413.8
	Jun 2008	937	15.7	1100.75	11558	-319	449.17	1638.0	379.6	100	405.0
	Jul 2008	945	15.4	1099.38	11435	-123	447.24	1622.0	379.8	100	402.1
	Aug 2008	825	13.4	1099.92	11484	48	446.99	1622.0	333.3	100	403.9
	Sep 2008	706	11.9	1098.86	11389	-94	447.87	1622.0	281.2	100	398.5
	WY 2008	9356							3849.4		
	Oct 2008	428	7.0	1100.52	11537	148	452.90	1232.7	169.1	76	395.4
	Nov 2008	609	10.2	1100.29	11517	-20	457.49	1021.9	250.4	63	411.0
	Dec 2008	595	9.7	1102.70	11734	217	455.67	1103.0	240.9	68	405.0
	Jan 2009	718	11.7	1103.83	11836	102	454.88	1103.0	294.1	68	409.4
	Feb 2009	669	12.0	1104.19	11870	33	455.27	1005.6	276.6	62	413.5
	Mar 2009	957	15.6	1101.36	11613	-257	452.32	1200.3	395.7	74	413.4

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T E M R E S E R V O I R S

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Davis Dam - Lake Mohave

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Davis Static Head Feet	Davis Generator Capacity MW	Davis Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Apr 2006	953	16.0	641.78	1665	1	0.00	255.0	119.1	100	125.0
H	May 2006	1034	16.8	642.69	1690	25	0.00	255.0	127.1	100	122.9
I	Jun 2006	1044	17.5	641.95	1670	-20	0.00	255.0	127.5	100	122.2
S	Jul 2006	933	15.2	642.85	1695	24	0.00	255.0	114.5	100	122.8
T	Aug 2006	791	12.9	643.26	1706	11	0.00	255.0	95.7	100	120.9
O	Sep 2006	738	12.4	638.76	1584	-122	0.00	255.0	100.0	100	135.4
	WY 2006	9153							1131.8		
R	Oct 2006	686	11.2	634.29	1467	-117	0.00	207.0	81.7	81	119.2
I	Nov 2006	489	8.2	635.85	1508	40	0.00	186.0	57.1	73	116.6
C	Dec 2006	542	8.8	638.56	1579	71	0.00	184.0	64.5	72	119.0
A	Jan 2007	541	8.8	641.43	1656	77	0.00	184.0	66.9	72	123.7
L	Feb 2007	649	11.7	640.75	1638	-18	0.00	204.0	81.3	80	125.3
*	Mar 2007	895	14.6	642.49	1685	47	0.00	212.0	112.7	83	126.0
	Apr 2007	1029	17.3	644.28	1734	49	136.43	255.0	128.5	100	124.9
	May 2007	1014	16.5	643.79	1720	-13	137.08	255.0	127.6	100	125.7
	Jun 2007	954	16.0	642.00	1671	-49	135.93	255.0	119.1	100	124.9
	Jul 2007	919	14.9	641.50	1658	-14	134.73	255.0	114.1	100	124.2
	Aug 2007	779	12.7	641.50	1658	0	134.46	255.0	97.2	100	124.7
	Sep 2007	748	12.6	638.00	1564	-94	132.63	255.0	92.2	100	123.1
	WY 2007	9246							1142.9		
	Oct 2007	549	8.9	630.49	1371	-193	126.83	255.0	65.7	100	119.5
	Nov 2007	442	7.4	634.00	1460	89	124.93	247.4	52.3	97	118.3
	Dec 2007	416	6.8	638.71	1583	123	129.99	221.9	50.9	87	122.3
	Jan 2008	596	9.7	641.80	1666	83	133.72	234.6	74.3	92	124.6
	Feb 2008	636	11.1	641.80	1666	0	135.26	237.2	79.8	93	125.5
	Mar 2008	897	14.6	643.05	1700	34	135.93	237.2	112.1	93	124.9
	Apr 2008	1038	17.4	643.01	1699	-1	136.08	255.0	129.3	100	124.6
	May 2008	993	16.2	643.01	1699	0	136.05	255.0	124.1	100	124.9
	Jun 2008	937	15.7	642.00	1671	-28	135.52	255.0	116.7	100	124.6
	Jul 2008	929	15.1	641.50	1658	-14	134.73	255.0	115.3	100	124.1
	Aug 2008	790	12.8	641.50	1658	0	134.46	255.0	98.5	100	124.6
	Sep 2008	768	12.9	638.00	1564	-94	132.63	255.0	94.5	100	123.0
	WY 2008	8991							1113.3		
	Oct 2008	591	9.6	630.49	1371	-193	126.83	255.0	70.5	100	119.2
	Nov 2008	492	8.3	634.00	1460	89	124.93	247.4	58.1	97	118.0
	Dec 2008	444	7.2	638.71	1583	123	129.99	221.9	54.2	87	122.1
	Jan 2009	603	9.8	641.80	1666	83	133.72	234.6	75.2	92	124.6
	Feb 2009	644	11.6	641.80	1666	0	135.26	237.2	80.7	93	125.3
	Mar 2009	894	14.5	643.05	1700	34	135.93	237.2	111.6	93	124.9

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Parker Dam - Lake Havasu

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Parker Static Head Feet	Parker Generator Capacity MW	Parker Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Apr 2006	725	12.2	446.83	558	-6	0.00	120.0	48.6	100	67.1
H	May 2006	749	12.2	447.06	562	4	0.00	120.0	50.4	100	67.2
I	Jun 2006	730	12.3	447.78	576	14	0.00	120.0	48.5	100	66.4
S	Jul 2006	742	12.1	448.22	584	8	0.00	120.0	49.9	100	67.2
T	Aug 2006	636	10.3	447.98	580	-5	0.00	120.0	41.6	100	65.4
O	Sep 2006	548	9.2	446.67	555	-25	0.00	120.0	37.0	100	67.6
	WY 2006	6695							448.2		
R	Oct 2006	457	7.4	447.85	577	22	0.00	91.0	30.8	76	67.4
I	Nov 2006	363	6.1	447.24	566	-11	0.00	96.0	24.1	80	66.5
C	Dec 2006	334	5.4	448.23	584	19	0.00	107.0	21.8	89	65.2
A	Jan 2007	366	5.9	447.71	575	-10	0.00	97.0	24.7	81	67.6
L	Feb 2007	472	8.5	445.97	542	-32	0.00	108.0	31.4	90	66.6
*	Mar 2007	684	11.1	447.06	562	20	0.00	109.0	45.5	91	66.6
	Apr 2007	774	13.0	447.74	575	13	74.79	120.0	50.9	100	65.7
	May 2007	738	12.0	448.49	589	14	75.48	120.0	48.8	100	66.1
	Jun 2007	738	12.4	448.71	594	4	75.95	120.0	49.1	100	66.6
	Jul 2007	750	12.2	448.00	580	-14	75.72	120.0	49.8	100	66.4
	Aug 2007	617	10.0	447.50	570	-10	75.13	120.0	40.4	100	65.5
	Sep 2007	560	9.4	446.81	557	-13	74.55	120.0	36.4	100	65.0
	WY 2007	6852							453.7		
	Oct 2007	457	7.4	446.31	548	-9	75.98	79.2	30.1	66	65.8
	Nov 2007	340	5.7	446.00	543	-6	75.58	79.2	22.0	66	64.6
	Dec 2007	287	4.7	445.80	539	-4	75.34	79.2	18.3	66	63.5
	Jan 2008	352	5.7	445.80	539	0	74.64	90.0	22.5	75	63.9
	Feb 2008	412	7.2	446.00	543	4	74.74	90.0	26.7	75	64.7
	Mar 2008	696	11.3	446.70	555	13	75.17	90.0	46.0	75	66.1
	Apr 2008	786	13.2	448.71	594	38	75.09	120.0	51.9	100	66.0
	May 2008	734	11.9	448.71	594	0	76.06	120.0	48.9	100	66.6
	Jun 2008	747	12.6	448.71	594	0	76.06	120.0	49.8	100	66.7
	Jul 2008	749	12.2	448.00	580	-14	75.72	120.0	49.7	100	66.3
	Aug 2008	620	10.1	447.50	570	-10	75.13	120.0	40.6	100	65.5
	Sep 2008	563	9.5	446.81	557	-13	74.55	120.0	36.6	100	65.0
	WY 2008	6745							443.0		
	Oct 2008	478	7.8	446.31	548	-9	74.43	109.2	30.8	91	64.5
	Nov 2008	371	6.2	446.00	543	-6	74.04	109.2	23.6	91	63.6
	Dec 2008	317	5.2	445.80	539	-4	73.80	109.2	19.9	91	62.8
	Jan 2009	349	5.7	445.80	539	0	74.64	90.0	22.3	75	63.8
	Feb 2009	408	7.3	446.00	543	4	74.74	90.0	26.4	75	64.7
	Mar 2009	689	11.2	446.70	555	13	75.17	90.0	45.5	75	66.1

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Upper Basin Power

	Glen Canyon 1000 MWHR	Flam Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Res 1000 MWHR	Font Res 1000 MWHR
* Apr 2006	245	29	18	26	17	4
H May 2006	248	63	15	25	21	7
I Jun 2006	341	29	29	36	21	8
S Jul 2006	351	20	38	43	22	6
T Aug 2006	349	18	38	45	22	6
O Sep 2006	223	19	30	39	20	2
Summer 2006	1756	177	168	213	123	33
R Oct 2006	254	19	20	25	15	4
I Nov 2006	254	19	14	18	10	4
C Dec 2006	338	28	25	31	18	4
A Jan 2007	336	28	25	31	16	4
L Feb 2007	251	25	14	18	4	3
* Mar 2007	249	20	10	12	7	3
Winter 2007	1682	139	109	134	69	22
Apr 2007	237	17	10	17	9	4
May 2007	238	46	13	22	14	4
Jun 2007	320	31	14	21	14	5
Jul 2007	322	26	29	32	18	5
Aug 2007	320	26	31	36	19	5
Sep 2007	239	26	28	34	17	5
Summer 2007	1676	173	125	163	91	28
Oct 2007	236	26	20	25	13	5
Nov 2007	236	25	12	15	8	5
Dec 2007	313	26	12	16	8	5
Jan 2008	312	26	18	22	12	4
Feb 2008	232	25	16	21	11	4
Mar 2008	232	26	17	23	13	4
Winter 2008	1560	155	96	124	65	27
Apr 2008	232	26	20	29	16	5
May 2008	236	53	22	36	23	7
Jun 2008	263	82	22	33	22	9
Jul 2008	351	40	35	42	23	10
Aug 2008	371	40	38	45	23	10
Sep 2008	259	39	36	43	22	6
Summer 2008	1712	280	172	228	130	46
Oct 2008	246	40	24	29	15	6
Nov 2008	246	39	15	19	10	6
Dec 2008	327	40	19	24	12	6
Jan 2009	325	40	21	27	14	5
Feb 2009	263	36	16	20	11	5
Mar 2009	262	40	17	23	12	5
Winter 2009	1668	234	111	142	74	33

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model_run_id = 1667

F L O O D C O N T R O L C R I T E R I A
B E G I N N I N G O F M O N T H C O N D I T I O N S

MON	YEAR	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	LAKE POWELL KAF	UPPER BASIN TOTAL KAF	LAKE MEAD KAF	TOTAL KAF	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	TOT OR MAX ALLOW KAF	LAKE POWELL KAF	LAKE MEAD KAF	TOTAL KAF	BOM SPACE REQD KAF	MEAD SCHED REL KAF	MEAD FC REL KAF	SYS CONT MAF
		* * * * P R E D I C T E D S P A C E * * * *							* * * * E F F E C T I V E S P A C E * * * *									
APR	2007	794	316	93	12683	13886	13450	27336	194	245	93	532	12683	13450	26665	1500	1114	0	33.2
MAY	2007	738	267	80	12564	13649	13968	27617	132	195	71	397	12564	13968	26930	1500	1034	0	33.2
JUN	2007	732	177	169	12166	13243	14420	27663	118	99	125	343	12166	14420	26928	1500	933	0	33.4
JUL	2007	649	61	126	11953	12789	14596	27386	23	-27	31	27	11953	14596	26576	1500	935	0	33.0
									* * * * C R E D I T A B L E S P A C E * * * *									
AUG	2007	643	87	150	12093	12973	14755	27728	643	87	150	880	12093	14755	27728	1500	814	0	32.6
SEP	2007	669	137	173	12428	13406	14789	28195	669	137	173	978	12428	14789	28195	2270	686	0	32.1
OCT	2007	703	190	180	12575	13649	14891	28540	703	190	180	1074	12575	14891	28540	3040	386	0	32.0
NOV	2007	724	218	182	12652	13777	14705	28482	724	218	182	1124	12652	14705	28482	3810	559	0	31.9
DEC	2007	747	229	185	12728	13889	14681	28570	747	229	185	1161	12728	14681	28570	4580	567	0	31.9
JAN	2008	784	248	195	13050	14278	14439	28717	784	248	195	1228	13050	14439	28717	5350	711	0	31.7
									* * * * E F F E C T I V E S P A C E * * * *									
JAN	2008	784	248	195	13050	14278	14439	28717	455	248	185	887	13050	14439	28376	5350	711	0	31.7
FEB	2008	818	285	207	13381	14691	14332	29023	486	285	196	967	13381	14332	28680	1500	662	0	31.5
MAR	2008	841	320	207	13527	14895	14336	29231	507	320	195	1021	13527	14336	28884	1500	961	0	31.2
APR	2008	815	346	162	13572	14895	14645	29540	476	346	144	966	13572	14645	29183	1500	1073	0	31.1
MAY	2008	750	341	73	13435	14599	15097	29695	403	341	35	780	13435	15097	29311	1500	1026	0	32.1
JUN	2008	643	213	99	12272	13228	15503	28731	287	212	27	525	12272	15503	28300	1500	937	0	33.7
JUL	2008	481	37	173	10608	11298	15822	27120	110	11	48	169	10608	15822	26599	1500	945	0	34.0
									* * * * C R E D I T A B L E S P A C E * * * *									
AUG	2008	389	27	180	10293	10890	15945	26834	389	27	180	596	10293	15945	26834	1500	825	0	33.6
SEP	2008	417	79	190	10554	11240	15896	27136	417	79	190	686	10554	15896	27136	2270	706	0	33.2
OCT	2008	476	152	192	10623	11443	15991	27434	476	152	192	820	10623	15991	27434	3040	428	0	33.0
NOV	2008	533	190	192	10660	11575	15843	27418	533	190	192	915	10660	15843	27418	3810	609	0	33.0
DEC	2008	590	208	195	10696	11689	15863	27552	590	208	195	993	10696	15863	27552	4580	595	0	32.9
JAN	2009	664	248	202	10965	12079	15646	27725	664	248	202	1114	10965	15646	27725	5350	718	0	32.7
									* * * * E F F E C T I V E S P A C E * * * *									
JAN	2009	664	248	202	10965	12079	15646	27725	279	248	202	729	10965	15646	27340	5350	718	0	32.7
FEB	2009	734	295	211	11254	12494	15544	28037	347	295	211	853	11254	15544	27651	1500	669	0	32.5
MAR	2009	789	326	211	11430	12756	15510	28266	400	326	211	938	11430	15510	27877	1500	957	0	32.2

To: All Annual Operating Plan Recipients

From: Lower Colorado Region
Boulder Canyon Operations Office
River Operations Group
Doug Blatchford, Manager
P.O. Box 61470
Boulder City, NV 89006-1470
Phone: 702-293-8190

This operational study reflects the 2007 Annual Operating Plan (AOP) as signed by the Secretary of the Interior. The Partial Domestic Surplus condition is the criterion governing the operation of Lake Mead for Calendar Year 2007. A copy of the 2007 AOP can be obtained by contacting (702)293-8190 or visiting our website at www.usbr.gov/lc/riverops.html.

In this study, the Calendar Year (CY) 2007 diversion for Metropolitan Water District of Southern California (MWD) is forecasted to be 0.645 million acre-feet (maf). The CY 2007 diversion for the Central Arizona Project (CAP) is forecasted to be 1.555 maf. Consumptive use for Nevada above Hoover is forecasted to be 0.301 maf for CY 2007.

This study uses median values (1976 to 2005) for gains and losses between Glen Canyon and Hoover Dams, Hoover and Davis Dams, and Davis and Parker Dams. Previous studies used mean values (pre-2000).

At this time, preliminary estimates for water demand schedules for CY 2007 in the Lower Basin do not reflect Partial Domestic schedules. This does not preclude any entity entitled to a Partial Domestic Surplus from requesting it at a later time in CY 2007. Lake Mead's elevation is projected to be 1116.07 feet at the end of CY 2007. According to the Interim Surplus Guidelines, when Lake Mead's elevation is projected to be below elevation 1125 feet, the Normal Criterion governs the operation of Lake Mead.

Due to declining Lake Mead elevations, Hoover's generator capacity is adjusted based on estimated effective capacity and plant availability. The estimated effective capacity is based on projected Lake Mead elevations. Unit capacity tests will be performed as the lake elevation changes in 2' increments. This study reflects these changes in the projections.

Current runoff projections into Lake Powell are provided by the National Weather Service's Colorado Basin River Forecast Center and are as follows: observed unregulated inflow into Lake Powell for the month of April, 2007 was 0.802 maf or 81% of the 30 year average. The forecast for May, 2007 unregulated inflow into Lake Powell is 1.000 maf or 43% of the 30 year average. The forecast for the April through July unregulated inflow period is 4.0 maf or 50% of average.

Hoover, Davis, and Parker historical gross energy figures come from PO&M reports provided by the Power and O&M Group, Boulder Canyon Operations, Bureau of Reclamation, Boulder City, Nevada. Questions regarding these historical energy numbers can be directed to Larry Karr at (702) 293-8094.

(Note: Lower Basin previous months' historical SNWP and flow to Mexico values are preliminary estimates.)

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T E M R E S E R V O I R S

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Fontenelle Reservoir

		Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	May 2006	219	2	99	19	118	6494.92	262
H	Jun 2006	217	2	100	91	191	6498.17	285
I	Jul 2006	86	3	68	0	68	6500.17	300
S	Aug 2006	35	2	68	1	69	6495.25	264
T	Sep 2006	29	2	23	28	51	6491.84	240
	WY 2006	895	17	683	200	883		
O	Oct 2006	41	1	54	1	55	6489.68	226
R	Nov 2006	40	1	54	0	54	6487.35	210
I	Dec 2006	29	1	57	0	57	6482.67	182
C	Jan 2007	26	1	56	0	56	6477.07	152
A	Feb 2007	26	0	50	0	50	6471.76	127
L	Mar 2007	62	0	56	0	56	6473.15	133
*	Apr 2007	49	1	51	0	51	6472.62	131
	May 2007	106	1	49	0	49	6483.38	186
	Jun 2007	180	2	48	0	48	6502.26	316
	Jul 2007	65	3	49	0	49	6503.94	329
	Aug 2007	47	2	49	0	49	6503.35	325
	Sep 2007	38	2	59	7	66	6499.43	295
	WY 2007	709	15	632	8	640		
	Oct 2007	49	1	71	0	71	6496.23	271
	Nov 2007	41	1	68	0	68	6492.22	243
	Dec 2007	32	1	71	0	71	6486.22	204
	Jan 2008	30	1	71	0	71	6479.07	162
	Feb 2008	28	0	66	0	66	6470.99	123
	Mar 2008	51	0	71	0	71	6466.15	103
	Apr 2008	89	1	70	0	70	6470.57	122
	May 2008	176	1	99	6	105	6484.24	191
	Jun 2008	308	2	103	93	196	6500.21	300
	Jul 2008	186	3	101	45	146	6505.05	338
	Aug 2008	83	2	100	4	104	6502.03	314
	Sep 2008	49	2	60	8	68	6499.19	293
	WY 2008	1122	15	951	156	1107		
	Oct 2008	49	1	71	0	71	6495.99	269
	Nov 2008	41	1	68	0	68	6491.97	241
	Dec 2008	32	1	71	0	71	6485.95	202
	Jan 2009	30	1	71	0	71	6478.74	160
	Feb 2009	27	0	64	0	64	6470.89	123
	Mar 2009	51	0	73	0	73	6465.50	101
	Apr 2009	89	1	89	0	89	6465.24	100

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T E M R E S E R V O I R S

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Flaming Gorge Reservoir

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Yampa Flow 1000 Ac-Ft	Jensen Flow 1000 Ac-Ft
*	May 2006	261	160	7	178	4	182	83	6020.81	3008	559	739
H	Jun 2006	239	214	10	78	0	78	88	6024.17	3130	258	393
I	Jul 2006	90	71	13	54	0	54	88	6024.29	3134	40	104
S	Aug 2006	32	65	12	50	0	50	88	6024.35	3136	12	65
T	Sep 2006	31	54	10	50	0	50	88	6024.19	3130	22	77
	WY 2006	1041	1031	77	999	4	1003					2585
O	Oct 2006	50	64	7	50	0	50	88	6024.37	3137	0	114
R	Nov 2006	43	57	4	48	0	48	89	6024.50	3142	0	100
I	Dec 2006	29	58	2	76	0	76	88	6023.99	3123	0	110
C	Jan 2007	33	63	2	75	0	75	87	6023.61	3109	0	592
A	Feb 2007	45	69	2	66	0	66	87	6023.65	3111	0	392
L	Mar 2007	119	113	3	51	0	51	90	6025.19	3167	0	221
*	Apr 2007	73	75	5	50	0	50	90	6025.71	3187	0	262
	May 2007	128	71	8	127	0	127	88	6024.05	3125	0	127
	Jun 2007	205	73	10	83	0	83	88	6023.52	3106	0	83
	Jul 2007	95	79	13	68	0	68	88	6023.48	3104	0	68
	Aug 2007	60	62	12	68	0	68	87	6023.02	3088	0	68
	Sep 2007	47	76	11	65	0	65	87	6023.01	3087	0	65
	WY 2007	927	860	79	827	0	827					2202
	Oct 2007	59	81	7	68	0	68	87	6023.19	3094	0	68
	Nov 2007	51	79	3	65	0	65	88	6023.46	3104	0	65
	Dec 2007	37	76	2	68	0	68	88	6023.62	3110	0	68
	Jan 2008	41	82	2	68	0	68	88	6023.96	3122	0	68
	Feb 2008	47	85	2	63	0	63	89	6024.47	3141	0	63
	Mar 2008	103	123	3	68	0	68	91	6025.84	3191	0	68
	Apr 2008	142	123	5	77	0	77	92	6026.91	3231	0	77
	May 2008	263	192	8	151	0	151	93	6027.77	3264	0	151
	Jun 2008	400	288	10	223	0	223	95	6029.15	3316	0	224
	Jul 2008	219	179	14	109	0	109	96	6030.56	3371	0	109
	Aug 2008	97	118	13	109	0	109	96	6030.46	3367	0	109
	Sep 2008	58	78	11	106	0	106	95	6029.49	3329	0	106
	WY 2008	1517	1504	80	1175	0	1175					1176
	Oct 2008	59	81	7	109	0	109	94	6028.60	3295	0	109
	Nov 2008	51	79	3	106	0	106	93	6027.83	3266	0	106
	Dec 2008	37	76	2	109	0	109	92	6026.93	3232	0	109
	Jan 2009	41	82	2	109	0	109	91	6026.18	3204	0	109
	Feb 2009	45	82	2	99	0	99	90	6025.69	3186	0	99
	Mar 2009	103	125	3	109	0	109	91	6026.03	3198	0	109
	Apr 2009	142	143	5	113	0	113	92	6026.67	3222	0	113

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Taylor Park Reservoir

	Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
* May 2006	28	12	9321.23	89
H Jun 2006	24	18	9324.06	95
I Jul 2006	12	18	9320.55	88
S Aug 2006	9	18	9315.25	79
T Sep 2006	8	14	9311.30	72
WY 2006	120	116		
O Oct 2006	10	5	9314.16	77
R Nov 2006	6	4	9315.22	79
I Dec 2006	5	5	9315.38	79
C Jan 2007	4	5	9315.07	78
A Feb 2007	3	4	9314.65	78
L Mar 2007	6	5	9315.67	79
* Apr 2007	8	5	9317.64	83
May 2007	19	14	9320.54	88
Jun 2007	26	18	9324.70	96
Jul 2007	11	18	9320.98	89
Aug 2007	7	18	9314.73	78
Sep 2007	6	16	9308.52	68
WY 2007	111	117		
Oct 2007	6	12	9304.60	62
Nov 2007	5	3	9305.87	64
Dec 2007	4	3	9306.82	65
Jan 2008	4	3	9307.59	66
Feb 2008	4	3	9308.15	67
Mar 2008	4	5	9307.66	66
Apr 2008	8	10	9306.56	65
May 2008	27	18	9312.38	74
Jun 2008	43	18	9326.20	99
Jul 2008	20	20	9326.41	99
Aug 2008	10	20	9321.16	89
Sep 2008	7	16	9316.11	80
WY 2008	142	131		
Oct 2008	6	12	9312.61	74
Nov 2008	5	6	9311.93	73
Dec 2008	4	5	9311.58	72
Jan 2009	4	5	9311.07	72
Feb 2009	4	5	9310.38	71
Mar 2009	4	5	9309.91	70
Apr 2009	8	11	9308.21	67

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Blue Mesa Reservoir

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir elevation EOM Feet	Live Storage 1000 Ac-Ft
*	May 2006	216	201	1	51	0	51	7510.68	752
H	Jun 2006	155	149	1	91	0	91	7517.05	808
I	Jul 2006	76	83	2	117	0	117	7513.07	773
S	Aug 2006	60	69	1	121	0	121	7506.88	719
T	Sep 2006	41	48	1	99	0	99	7500.66	667
	WY 2006	828	828	8	740	0	740		
O	Oct 2006	70	65	1	74	0	74	7499.52	657
R	Nov 2006	42	40	0	52	0	52	7498.10	646
I	Dec 2006	35	35	0	93	0	93	7490.78	587
C	Jan 2007	30	31	0	93	0	93	7482.56	525
A	Feb 2007	26	27	0	54	0	54	7478.89	498
L	Mar 2007	55	54	0	38	0	38	7481.01	513
*	Apr 2007	67	64	1	43	0	43	7483.72	533
	May 2007	150	145	1	45	0	45	7496.42	632
	Jun 2007	163	155	1	60	0	60	7507.70	726
	Jul 2007	65	72	1	94	0	94	7504.94	703
	Aug 2007	43	54	1	95	0	95	7499.83	660
	Sep 2007	31	41	1	84	0	84	7494.43	616
	WY 2007	777	783	7	825	0	825		
	Oct 2007	35	41	1	58	0	58	7492.27	599
	Nov 2007	31	29	0	28	0	28	7492.29	599
	Dec 2007	25	24	0	41	0	41	7490.00	581
	Jan 2008	24	23	0	60	0	60	7485.13	544
	Feb 2008	23	22	0	56	0	56	7480.50	510
	Mar 2008	34	35	0	61	0	61	7476.83	483
	Apr 2008	73	75	1	69	0	69	7477.53	488
	May 2008	212	203	1	74	0	74	7494.40	616
	Jun 2008	271	246	1	70	0	70	7515.10	791
	Jul 2008	121	120	2	107	0	107	7516.40	802
	Aug 2008	62	72	1	122	0	122	7510.58	751
	Sep 2008	36	45	1	118	0	118	7501.91	677
	WY 2008	947	935	8	864	0	864		
	Oct 2008	35	41	1	78	0	78	7497.33	640
	Nov 2008	31	32	0	50	0	50	7495.03	621
	Dec 2008	25	26	0	65	0	65	7490.00	581
	Jan 2009	24	25	0	72	0	72	7483.80	534
	Feb 2009	22	23	0	54	0	54	7479.56	503
	Mar 2009	34	35	0	59	0	59	7476.15	478
	Apr 2009	73	76	1	70	0	70	7476.89	484

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Morrow Point Reservoir

		Unreg Inflow 1000 Ac-Ft	Blue_Mesa Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Evap losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	May 2006	240	51	24	74	0	72	0	72	7152.51	111
H	Jun 2006	166	91	11	102	0	101	0	101	7153.49	112
I	Jul 2006	79	117	3	120	0	119	0	119	7154.36	113
S	Aug 2006	62	121	3	124	0	123	0	123	7156.04	114
T	Sep 2006	43	99	2	101	0	107	0	107	7145.25	105
	WY 2006	893	740	66	805	0	809	0	809		
O	Oct 2006	72	74	-1	73	0	71	0	71	7148.31	108
R	Nov 2006	41	52	-1	50	0	52	0	52	7146.13	106
I	Dec 2006	31	93	-4	89	0	88	0	88	7146.46	106
C	Jan 2007	25	93	-5	88	0	88	0	88	7145.92	106
A	Feb 2007	24	54	-2	51	0	51	0	51	7145.91	106
L	Mar 2007	58	38	3	41	0	34	0	34	7154.36	113
*	Apr 2007	73	43	6	49	0	50	0	50	7153.49	112
	May 2007	168	45	18	63	0	63	0	63	7153.73	112
	Jun 2007	176	60	13	73	0	73	0	73	7153.73	112
	Jul 2007	69	94	4	98	0	98	0	98	7153.73	112
	Aug 2007	45	95	2	98	0	98	0	98	7153.73	112
	Sep 2007	33	84	2	86	0	86	0	86	7153.73	112
	WY 2007	815	825	35	859	0	852	0	852		
	Oct 2007	38	58	3	60	0	60	0	60	7153.73	112
	Nov 2007	33	28	2	31	0	31	0	31	7153.73	112
	Dec 2007	27	41	2	43	0	43	0	43	7153.73	112
	Jan 2008	26	60	2	62	0	62	0	62	7153.73	112
	Feb 2008	26	56	3	59	0	59	0	59	7153.73	112
	Mar 2008	38	61	4	65	0	65	0	65	7153.73	112
	Apr 2008	84	69	11	80	0	80	0	80	7153.73	112
	May 2008	237	74	25	99	0	99	0	99	7153.73	112
	Jun 2008	292	70	21	91	0	91	0	91	7153.73	112
	Jul 2008	127	107	7	114	0	114	0	114	7153.73	112
	Aug 2008	65	122	4	126	0	126	0	126	7153.73	112
	Sep 2008	39	118	3	121	0	121	0	121	7153.73	112
	WY 2008	1032	864	87	951	0	951	0	951		
	Oct 2008	38	78	3	81	0	81	0	81	7153.73	112
	Nov 2008	33	50	2	52	0	52	0	52	7153.73	112
	Dec 2008	27	65	2	67	0	67	0	67	7153.73	112
	Jan 2009	26	72	2	74	0	74	0	74	7153.73	112
	Feb 2009	25	54	3	57	0	57	0	57	7153.73	112
	Mar 2009	38	59	4	63	0	63	0	63	7153.73	112
	Apr 2009	84	70	11	81	0	81	0	81	7153.73	112

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Crystal Reservoir

		unreg Inflow 1000 Ac-Ft	Morrow Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Tunnel Flow 1000 Ac-Ft	Below_tunnel Flow 1000 Ac-Ft
*	May 2006	270	72	30	102	105	0	105	6743.65	14	50	44
H	Jun 2006	183	101	17	118	116	2	118	6745.00	15	65	60
I	Jul 2006	86	119	7	126	126	0	126	6745.30	15	63	72
S	Aug 2006	69	123	6	129	129	0	129	6744.74	15	62	79
T	Sep 2006	47	107	4	114	112	1	113	6746.01	15	53	68
	WY 2006	993	809	98	909	859	50	909			384	559
O	Oct 2006	76	71	7	77	77	0	77	6746.08	15	40	39
R	Nov 2006	46	52	5	57	58	0	58	6740.90	14	0	58
I	Dec 2006	35	88	4	93	93	0	93	6738.89	13	0	99
C	Jan 2007	29	88	4	92	85	8	93	6737.51	13	1	101
A	Feb 2007	27	51	3	55	25	29	54	6739.24	13	2	57
L	Mar 2007	67	34	8	43	42	0	42	6739.82	13	1	43
*	Apr 2007	84	50	11	61	57	0	57	6751.74	17	28	29
	May 2007	188	63	20	83	82	0	82	6753.04	17	55	27
	Jun 2007	190	73	14	87	87	0	87	6753.04	17	60	27
	Jul 2007	73	98	4	102	102	0	102	6753.04	17	65	37
	Aug 2007	49	98	4	102	102	0	102	6753.04	17	65	37
	Sep 2007	38	86	5	91	91	0	91	6753.04	17	55	36
	WY 2007	902	852	89	943	901	37	938			372	590
	Oct 2007	44	60	7	67	67	0	67	6753.04	17	30	37
	Nov 2007	38	31	5	36	36	0	36	6753.04	17	0	36
	Dec 2007	32	43	5	48	48	0	48	6753.04	17	0	48
	Jan 2008	31	62	5	67	67	0	67	6753.04	17	0	67
	Feb 2008	30	59	4	63	63	0	63	6753.04	17	0	63
	Mar 2008	46	65	7	72	72	0	72	6753.04	17	5	67
	Apr 2008	96	80	12	92	92	0	92	6753.04	17	30	62
	May 2008	272	99	35	134	134	0	134	6753.04	17	55	79
	Jun 2008	330	91	38	129	129	0	129	6753.04	17	60	69
	Jul 2008	144	114	17	131	131	0	131	6753.04	17	65	66
	Aug 2008	74	126	8	134	134	0	134	6753.04	17	65	69
	Sep 2008	45	121	6	127	127	0	127	6753.04	17	55	72
	WY 2008	1182	951	149	1100	1100	0	1100			365	735
	Oct 2008	44	81	7	87	87	0	87	6753.04	17	30	57
	Nov 2008	38	52	5	57	57	0	57	6753.04	17	0	57
	Dec 2008	32	67	5	72	72	0	72	6753.04	17	0	72
	Jan 2009	31	74	5	79	79	0	79	6753.04	17	0	79
	Feb 2009	29	57	4	61	61	0	61	6753.04	17	0	61
	Mar 2009	46	63	7	70	70	0	70	6753.04	17	5	65
	Apr 2009	96	81	12	93	93	0	93	6753.04	17	30	63

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Vallecito Reservoir

		Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	May 2006	62	41	7663.94	123
H	Jun 2006	28	41	7658.79	109
I	Jul 2006	20	37	7651.91	92
S	Aug 2006	28	33	7649.90	87
T	Sep 2006	24	26	7648.87	84
	WY 2006	247	238		
O	Oct 2006	54	42	7653.51	96
R	Nov 2006	15	34	7645.48	76
I	Dec 2006	8	8	7645.38	76
C	Jan 2007	7	6	7645.38	76
A	Feb 2007	5	5	7645.51	76
L	Mar 2007	14	5	7649.56	86
*	Apr 2007	22	5	7656.47	103
	May 2007	53	39	7661.68	117
	Jun 2007	45	42	7662.65	119
	Jul 2007	16	43	7651.71	91
	Aug 2007	15	43	7639.09	62
	Sep 2007	15	30	7631.39	47
	WY 2007	269	302		
	Oct 2007	13	13	7631.25	47
	Nov 2007	8	3	7634.00	52
	Dec 2007	6	3	7635.49	55
	Jan 2008	5	3	7636.54	57
	Feb 2008	5	2	7637.62	59
	Mar 2008	8	3	7639.96	64
	Apr 2008	22	10	7645.29	76
	May 2008	69	38	7658.00	107
	Jun 2008	78	59	7664.81	125
	Jul 2008	31	43	7660.03	112
	Aug 2008	19	43	7650.39	88
	Sep 2008	17	30	7644.77	75
	WY 2008	281	250		
	Oct 2008	13	15	7643.76	72
	Nov 2008	8	4	7645.57	77
	Dec 2008	6	6	7645.52	76
	Jan 2009	5	5	7645.56	77
	Feb 2009	5	5	7645.42	76
	Mar 2009	8	5	7646.67	79
	Apr 2009	22	10	7651.59	91

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Navajo Reservoir

		Mod_Unreg Inflow 1000 Ac-Ft	Azetea Tunnel_Div 1000 Ac-Ft	Reg Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	NIIP Diversion 1000 ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Farm Flow 1000 Ac-Ft
*	May 2006	174	25	126	4	28	49	6077.20	1583	141
H	Jun 2006	54	8	58	5	43	126	6069.04	1467	196
I	Jul 2006	35	4	48	5	37	47	6066.07	1427	63
S	Aug 2006	67	5	67	4	35	38	6065.35	1417	62
T	Sep 2006	58	6	54	3	15	34	6065.53	1420	57
	WY 2006	689	72	605	32	189	484			881
O	Oct 2006	168	13	141	2	7	29	6073.01	1523	128
R	Nov 2006	42	0	62	1	0	27	6075.33	1556	47
I	Dec 2006	27	0	27	1	1	26	6075.31	1556	50
C	Jan 2007	22	0	21	1	1	29	6074.67	1546	46
A	Feb 2007	30	0	31	1	1	29	6074.65	1546	53
L	Mar 2007	126	13	104	2	5	41	6078.51	1603	76
*	Apr 2007	121	18	87	3	20	44	6079.81	1622	90
	May 2007	173	30	129	4	30	186	6073.59	1531	186
	Jun 2007	150	20	126	5	46	31	6076.69	1576	31
	Jul 2007	38	2	63	5	50	33	6074.99	1551	33
	Aug 2007	29	0	57	4	41	35	6073.38	1528	35
	Sep 2007	35	2	48	3	24	30	6072.75	1519	30
	WY 2007	961	98	896	32	226	540			805
	Oct 2007	38	0	38	2	7	31	6072.63	1517	31
	Nov 2007	33	0	28	1	0	30	6072.42	1514	30
	Dec 2007	24	0	21	1	0	31	6071.68	1504	31
	Jan 2008	22	0	20	1	0	31	6070.85	1492	31
	Feb 2008	31	0	29	1	0	28	6070.88	1493	28
	Mar 2008	88	2	81	2	4	31	6074.05	1538	31
	Apr 2008	174	19	142	3	17	34	6080.10	1626	34
	May 2008	279	31	216	4	31	200	6078.83	1607	200
	Jun 2008	246	45	183	5	47	212	6073.25	1526	212
	Jul 2008	74	7	79	5	51	31	6072.70	1518	31
	Aug 2008	43	0	67	4	42	31	6071.99	1508	31
	Sep 2008	42	0	55	3	24	30	6071.85	1506	30
	WY 2008	1094	104	959	32	223	720			720
	Oct 2008	38	0	40	2	7	31	6071.85	1506	31
	Nov 2008	33	0	29	1	0	30	6071.69	1504	30
	Dec 2008	24	0	24	1	0	31	6071.17	1497	31
	Jan 2009	22	0	22	1	0	30	6070.55	1488	30
	Feb 2009	30	0	30	1	0	30	6070.54	1488	30
	Mar 2009	88	2	83	2	4	31	6073.85	1535	31
	Apr 2009	174	19	142	3	17	34	6079.92	1624	34

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Lake Powell

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Bank Storage 1000 Ac-Ft	EOM Storage 1000 Ac-Ft	Lees Ferry 1000 Ac-Ft
*	May 2006	2040	1730	27	602	0	602	3605.25	18602	12258	616
H	Jun 2006	1645	1497	42	801	0	801	3610.35	18748	12766	826
I	Jul 2006	618	666	44	829	0	829	3606.85	18891	12416	860
S	Aug 2006	425	507	49	827	0	827	3602.78	18921	12017	863
T	Sep 2006	418	507	46	536	0	536	3601.74	18945	11917	561
	WY 2006	8769	8713	336	8229	0	8229				8492
O	Oct 2006	1018	923	27	606	0	606	3607.96	18626	12526	635
R	Nov 2006	558	536	24	603	0	603	3606.85	18645	12416	628
I	Dec 2006	402	502	21	801	0	801	3603.39	18664	12076	834
C	Jan 2007	315	426	13	800	0	800	3599.51	18649	11703	833
A	Feb 2007	404	462	15	604	0	604	3597.91	18643	11552	625
L	Mar 2007	795	680	13	602	0	602	3598.81	18623	11637	611
*	Apr 2007	802	701	20	600	0	600	3600.35	18557	11784	609
	May 2007	1000	966	35	600	0	600	3603.53	18581	12090	600
	Jun 2007	1500	1222	40	800	0	800	3607.13	18610	12444	800
	Jul 2007	698	747	46	805	0	805	3606.16	18602	12347	805
	Aug 2007	385	492	47	805	0	805	3602.75	18575	12014	805
	Sep 2007	386	477	40	604	0	604	3601.15	18563	11860	604
	WY 2007	8263	8134	341	8230	0	8230				8389
	Oct 2007	506	537	36	600	0	600	3600.19	18555	11769	600
	Nov 2007	523	532	30	600	0	600	3599.24	18548	11678	600
	Dec 2007	418	471	25	800	0	800	3595.77	18522	11351	800
	Jan 2008	384	456	18	800	0	800	3592.14	18495	11015	800
	Feb 2008	409	455	17	600	0	600	3590.49	18483	10865	600
	Mar 2008	628	568	21	600	0	600	3589.95	18479	10816	600
	Apr 2008	952	780	24	600	0	600	3591.53	18491	10960	600
	May 2008	2161	1894	34	600	0	600	3603.91	18584	12127	600
	Jun 2008	2808	2489	42	650	0	650	3620.26	18717	13791	650
	Jul 2008	1345	1236	50	850	0	850	3623.17	18742	14102	850
	Aug 2008	566	669	51	900	0	900	3620.73	18721	13841	900
	Sep 2008	459	600	44	630	0	630	3620.09	18716	13773	630
	WY 2008	11159	10687	392	8230	0	8230				8230
	Oct 2008	506	599	40	600	0	600	3619.74	18713	13735	600
	Nov 2008	523	594	33	600	0	600	3619.40	18710	13699	600
	Dec 2008	418	537	27	800	0	800	3616.83	18688	13430	800
	Jan 2009	384	509	20	800	0	800	3614.04	18665	13141	800
	Feb 2009	395	479	19	650	0	650	3612.32	18651	12965	650
	Mar 2009	628	607	24	650	0	650	3611.72	18646	12904	650
	Apr 2009	952	816	27	650	0	650	3612.98	18657	13033	650

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Hoover Dam - Lake Mead

		Glen Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release CFS	SNWP Use 1000 Ac-Ft	Dwnstrm Reqmnts 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
*	May 2006	602	30	55	1071	17.4	34	1069	941	1131.14	14470
H	Jun 2006	801	20	65	1036	17.4	32	1034	922	1128.26	14178
I	Jul 2006	829	56	80	967	15.7	34	962	910	1126.42	13993
S	Aug 2006	827	124	85	818	13.3	35	812	910	1126.54	14005
T	Sep 2006	536	69	70	633	10.6	28	628	903	1125.36	13887
	WY 2006	8229	702	668	9395		287	9343			
O	Oct 2006	606	117	51	564	9.2	26	554	908	1126.13	13964
R	Nov 2006	603	47	51	525	8.8	20	523	911	1126.63	14014
I	Dec 2006	801	39	44	621	10.1	15	617	921	1128.12	14164
C	Jan 2007	800	42	36	639	10.4	13	637	930	1129.55	14309
A	Feb 2007	604	67	33	647	11.6	12	646	929	1129.35	14288
L	Mar 2007	602	45	37	970	15.8	21	969	905	1125.79	13930
*	Apr 2007	600	24	45	1093	18.4	22	1089	873	1120.69	13426
	May 2007	600	32	51	1028	16.7	35	1028	843	1115.98	12972
	Jun 2007	800	23	61	982	16.5	34	982	828	1113.49	12734
	Jul 2007	805	69	76	904	14.7	33	904	819	1112.11	12604
	Aug 2007	805	102	80	753	12.2	30	753	822	1112.54	12645
	Sep 2007	604	97	66	666	11.2	33	666	818	1111.90	12584
	WY 2007	8230	704	631	9392		294	9368			
	Oct 2007	600	69	48	392	6.4	31	392	830	1113.86	12769
	Nov 2007	600	67	48	591	9.9	24	591	830	1113.90	12773
	Dec 2007	800	70	42	595	9.7	13	595	844	1116.07	12980
	Jan 2008	800	80	35	681	11.1	13	681	853	1117.55	13122
	Feb 2008	600	101	32	655	11.4	13	655	853	1117.55	13123
	Mar 2008	600	103	35	954	15.5	17	954	834	1114.58	12838
	Apr 2008	600	93	43	1062	17.8	23	1061	808	1110.26	12430
	May 2008	600	63	49	1024	16.7	35	1024	781	1105.74	12011
	Jun 2008	650	27	58	937	15.8	34	937	759	1102.11	11681
	Jul 2008	850	69	72	943	15.3	33	943	751	1100.76	11559
	Aug 2008	900	102	77	813	13.2	30	813	756	1101.62	11636
	Sep 2008	630	97	63	694	11.7	33	694	752	1100.95	11576
	WY 2008	8230	941	602	9341		299	9341			
	Oct 2008	600	69	46	409	6.6	31	409	764	1102.86	11748
	Nov 2008	600	67	46	606	10.2	24	606	763	1102.76	11740
	Dec 2008	800	70	40	577	9.4	12	577	778	1105.25	11967
	Jan 2009	800	80	33	688	11.2	13	688	787	1106.74	12103
	Feb 2009	650	97	30	663	11.9	13	663	789	1107.15	12142
	Mar 2009	650	103	34	950	15.5	17	950	774	1104.62	11909
	Apr 2009	650	93	42	1060	17.8	23	1060	751	1100.67	11551

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Davis Dam - Lake Mohave

		Hoover Release 1000 Ac-Ft	Side inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Spill Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release CFS	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
*	May 2006	1071	-11	1034	0	1034	16.8	642.69	1690
H	Jun 2006	1036	-11	1044	0	1044	17.5	641.95	1670
I	Jul 2006	967	-9	933	0	933	15.2	642.85	1695
S	Aug 2006	818	-15	791	0	791	12.9	643.26	1706
T	Sep 2006	633	-16	738	0	738	12.4	638.76	1584
	WY 2006	9395	-224	9152	0	9152			
O	Oct 2006	564	5	686	0	686	11.2	634.29	1467
R	Nov 2006	525	5	489	0	489	8.2	635.85	1508
I	Dec 2006	621	-7	542	0	542	8.8	638.56	1579
C	Jan 2007	639	-20	541	0	541	8.8	641.43	1656
A	Feb 2007	647	-16	649	0	649	11.7	640.75	1638
L	Mar 2007	970	-28	895	0	895	14.6	642.49	1685
*	Apr 2007	1093	-34	1001	0	1001	16.8	644.58	1742
	May 2007	1028	-18	1032	0	1032	16.8	643.78	1720
	Jun 2007	982	-20	985	0	985	16.5	642.94	1697
	Jul 2007	904	-23	920	0	920	15.0	641.50	1658
	Aug 2007	753	-21	731	0	731	11.9	641.50	1658
	Sep 2007	666	-13	747	0	747	12.6	638.00	1564
	WY 2007	9392	-190	9218	0	9218			
	Oct 2007	392	-5	581	0	581	9.4	630.49	1371
	Nov 2007	591	-13	489	0	489	8.2	634.00	1460
	Dec 2007	595	-18	453	0	453	7.4	638.71	1583
	Jan 2008	681	-16	581	0	581	9.4	641.80	1666
	Feb 2008	655	-13	642	0	642	11.2	641.80	1666
	Mar 2008	954	-13	905	0	905	14.7	643.05	1700
	Apr 2008	1062	-18	1045	0	1045	17.6	643.01	1699
	May 2008	1024	-18	1006	0	1006	16.4	643.01	1699
	Jun 2008	937	-20	945	0	945	15.9	642.00	1671
	Jul 2008	943	-23	933	0	933	15.2	641.50	1658
	Aug 2008	813	-21	792	0	792	12.9	641.50	1658
	Sep 2008	694	-13	775	0	775	13.0	638.00	1564
	WY 2008	9341	-191	9147	0	9147			
	Oct 2008	409	-5	597	0	597	9.7	630.49	1371
	Nov 2008	606	-13	504	0	504	8.5	634.00	1460
	Dec 2008	577	-18	435	0	435	7.1	638.71	1583
	Jan 2009	688	-16	588	0	588	9.6	641.80	1666
	Feb 2009	663	-12	650	0	650	11.7	641.80	1666
	Mar 2009	950	-13	902	0	902	14.7	643.05	1700
	Apr 2009	1060	-18	1043	0	1043	17.5	643.01	1699

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Parker Dam - Lake Havasu

		Davis Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	MWD Diversion 1000 Ac-Ft	CAP diversion 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft	Flow_to Mexico 1000 Ac-Ft	Flow_to Mexico 1000 CFS
*	May 2006	1034	-26	749	12.2	78	175	447.06	562	110	1.8
H	Jun 2006	1044	-41	730	12.3	77	182	447.78	576	128	2.2
I	Jul 2006	933	-24	742	12.1	81	77	448.22	584	125	2.0
S	Aug 2006	791	-25	636	10.3	87	47	447.98	580	99	1.6
T	Sep 2006	738	-18	548	9.2	60	137	446.67	555	94	1.6
	WY 2006	9152	-100	6695		827	1525			1552	
O	Oct 2006	686	-1	457	7.4	24	181	447.85	577	80	1.3
R	Nov 2006	489	-4	362	6.1	14	119	447.24	566	100	1.7
I	Dec 2006	542	-10	334	5.4	25	154	448.23	584	122	2.0
C	Jan 2007	541	0	366	5.9	50	134	447.71	575	123	2.0
A	Feb 2007	649	-19	472	8.5	59	131	445.97	542	149	2.7
L	Mar 2007	895	0	684	11.1	20	171	447.06	562	203	3.3
*	Apr 2007	1001	-4	751	12.6	76	161	447.53	571	198	3.3
	May 2007	1032	-15	740	12.0	86	173	448.50	590	109	1.8
	Jun 2007	985	-15	738	12.4	83	149	448.50	590	120	2.0
	Jul 2007	920	-14	747	12.1	86	83	448.00	580	124	2.0
	Aug 2007	731	0	613	10.0	86	42	447.50	570	93	1.5
	Sep 2007	747	1	557	9.4	59	146	446.81	557	89	1.5
	WY 2007	9218	-81	6821		668	1644			1510	
	Oct 2007	581	5	474	7.7	14	107	446.31	548	75	1.2
	Nov 2007	489	5	367	6.2	13	120	446.00	543	101	1.7
	Dec 2007	453	9	314	5.1	13	138	445.80	539	122	2.0
	Jan 2008	581	9	352	5.7	57	181	445.80	539	122	2.0
	Feb 2008	642	4	412	7.2	67	163	446.00	543	149	2.6
	Mar 2008	905	4	696	11.3	22	179	446.70	555	202	3.3
	Apr 2008	1045	-6	786	13.2	47	167	448.71	594	195	3.3
	May 2008	1006	-15	734	11.9	85	172	448.71	594	109	1.8
	Jun 2008	945	-15	747	12.6	93	90	448.71	594	120	2.0
	Jul 2008	933	-14	749	12.2	96	88	448.00	580	124	2.0
	Aug 2008	792	0	620	10.1	96	84	447.50	570	93	1.5
	Sep 2008	775	1	563	9.5	93	133	446.81	557	89	1.5
	WY 2008	9147	-13	6814		696	1622			1501	
	Oct 2008	597	5	478	7.8	34	99	446.31	548	75	1.2
	Nov 2008	504	5	371	6.2	16	128	446.00	543	101	1.7
	Dec 2008	435	9	317	5.2	13	117	445.80	539	122	2.0
	Jan 2009	588	9	349	5.7	67	181	445.80	539	122	2.0
	Feb 2009	650	3	408	7.3	79	163	446.00	543	149	2.7
	Mar 2009	902	4	689	11.2	26	179	446.70	555	202	3.3
	Apr 2009	1043	-6	776	13.0	55	167	448.71	594	195	3.3

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Hoover Dam - Lake Mead

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Hoover Static Head Feet	Hoover Generator Capacity MW	Hoover Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	May 2006	1071	17.4	1131.14	14470	-496	0.00	1838.0	448.0	100	418.4
H	Jun 2006	1036	17.4	1128.26	14178	-293	0.00	1815.0	430.5	100	415.6
I	Jul 2006	967	15.7	1126.42	13993	-185	0.00	1793.0	396.0	100	409.4
S	Aug 2006	818	13.3	1126.54	14005	12	0.00	1751.0	331.9	100	405.6
T	Sep 2006	633	10.6	1125.36	13887	-118	0.00	1793.0	250.8	100	396.1
	WY 2006	9395							3871.7		
O	Oct 2006	564	9.2	1126.13	13964	77	0.00	1551.0	223.2	88	395.7
R	Nov 2006	525	8.8	1126.63	14014	50	0.00	1128.0	210.9	64	401.7
I	Dec 2006	621	10.1	1128.12	14164	150	0.00	1128.0	252.7	64	407.1
C	Jan 2007	639	10.4	1129.55	14309	145	0.00	1233.0	262.8	70	411.6
A	Feb 2007	647	11.6	1129.35	14288	-20	0.00	969.0	267.6	55	413.7
L	Mar 2007	970	15.8	1125.79	13930	-358	0.00	1319.0	406.2	74	418.7
*	Apr 2007	1093	18.4	1120.69	13426	-504	0.00	1283.0	455.6	73	416.9
	May 2007	1028	16.7	1115.98	12972	-454	465.12	1505.7	428.7	88	417.0
	Jun 2007	982	16.5	1113.49	12734	-238	460.76	1699.0	402.0	100	409.6
	Jul 2007	904	14.7	1112.11	12604	-130	459.58	1687.0	370.2	100	409.6
	Aug 2007	753	12.2	1112.54	12645	41	459.58	1687.0	308.1	100	409.3
	Sep 2007	666	11.2	1111.90	12584	-61	460.61	1687.0	269.9	100	405.0
	WY 2007	9391							3857.9		
	Oct 2007	392	6.4	1113.86	12769	185	466.02	1282.1	156.3	76	398.2
	Nov 2007	591	9.9	1113.90	12773	4	471.02	1045.9	248.0	62	419.7
	Dec 2007	595	9.7	1116.07	12980	207	469.76	1045.9	248.0	62	417.1
	Jan 2008	681	11.1	1117.55	13122	142	469.69	944.7	287.3	56	422.2
	Feb 2008	655	11.4	1117.55	13123	0	467.99	1164.0	273.9	69	417.8
	Mar 2008	954	15.5	1114.58	12838	-284	465.55	1248.4	404.5	74	424.2
	Apr 2008	1062	17.8	1110.26	12430	-408	460.86	1349.6	446.3	80	420.4
	May 2008	1024	16.7	1105.74	12011	-419	457.24	1231.5	426.0	73	415.9
	Jun 2008	937	15.8	1102.11	11681	-331	450.58	1612.0	380.8	100	406.2
	Jul 2008	943	15.3	1100.76	11559	-121	448.60	1612.0	380.1	100	403.1
	Aug 2008	813	13.2	1101.62	11636	77	448.52	1612.0	328.9	100	404.5
	Sep 2008	694	11.7	1100.95	11576	-60	449.75	1612.0	277.2	100	399.1
	WY 2008	9341							3857.2		
	Oct 2008	409	6.6	1102.86	11748	172	455.10	1225.1	161.0	76	394.0
	Nov 2008	606	10.2	1102.76	11740	-8	460.00	999.4	250.3	62	412.9
	Dec 2008	577	9.4	1105.25	11967	227	458.83	999.4	234.8	62	407.0
	Jan 2009	688	11.2	1106.74	12103	137	458.91	902.7	285.1	56	414.5
	Feb 2009	663	11.9	1107.15	12142	38	457.43	1112.3	273.4	69	412.4
	Mar 2009	950	15.5	1104.62	11909	-233	455.42	1192.9	394.9	74	415.6
	Apr 2009	1060	17.8	1100.67	11551	-358	451.13	1289.6	436.9	80	412.2

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Davis Dam - Lake Mohave

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Davis Static Head Feet	Davis Generator Capacity MW	Davis Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	May 2006	1034	16.8	642.69	1690	25	0.00	255.0	127.1	100	122.9
H	Jun 2006	1044	17.5	641.95	1670	-20	0.00	255.0	127.5	100	122.2
I	Jul 2006	933	15.2	642.85	1695	24	0.00	255.0	114.5	100	122.8
S	Aug 2006	791	12.9	643.26	1706	11	0.00	255.0	95.7	100	120.9
T	Sep 2006	738	12.4	638.76	1584	-122	0.00	255.0	100.0	100	135.4
	WY 2006	9153							1131.8		
O	Oct 2006	686	11.2	634.29	1467	-117	0.00	207.0	81.7	81	119.2
R	Nov 2006	489	8.2	635.85	1508	40	0.00	186.0	57.1	73	116.6
I	Dec 2006	542	8.8	638.56	1579	71	0.00	184.0	64.5	72	119.0
C	Jan 2007	541	8.8	641.43	1656	77	0.00	184.0	66.9	72	123.7
A	Feb 2007	649	11.7	640.75	1638	-18	0.00	204.0	81.3	80	125.3
L	Mar 2007	895	14.6	642.49	1685	47	0.00	212.0	112.7	83	126.0
*	Apr 2007	1001	16.8	644.58	1742	57	0.00	255.0	125.6	100	125.5
	May 2007	1032	16.8	643.78	1720	-22	137.22	255.0	129.8	100	125.8
	Jun 2007	985	16.5	642.94	1697	-23	136.40	255.0	123.2	100	125.1
	Jul 2007	920	15.0	641.50	1658	-39	135.22	255.0	114.6	100	124.6
	Aug 2007	731	11.9	641.50	1658	0	134.46	255.0	91.4	100	125.0
	Sep 2007	747	12.6	638.00	1564	-94	132.63	255.0	92.0	100	123.2
	WY 2007	9217							1140.7		
	Oct 2007	581	9.4	630.49	1371	-193	126.83	255.0	69.3	100	119.3
	Nov 2007	489	8.2	634.00	1460	89	124.93	247.4	57.7	97	118.0
	Dec 2007	453	7.4	638.71	1583	123	129.99	221.9	55.3	87	122.0
	Jan 2008	581	9.5	641.80	1666	83	133.72	234.6	72.5	92	124.7
	Feb 2008	642	11.2	641.80	1666	0	135.26	237.2	80.6	93	125.5
	Mar 2008	905	14.7	643.05	1700	34	135.93	237.2	113.0	93	124.8
	Apr 2008	1045	17.6	643.01	1699	-1	136.08	255.0	130.1	100	124.5
	May 2008	1006	16.4	643.01	1699	0	136.05	255.0	125.6	100	124.9
	Jun 2008	945	15.9	642.00	1671	-28	135.52	255.0	117.7	100	124.6
	Jul 2008	933	15.2	641.50	1658	-14	134.73	255.0	115.8	100	124.1
	Aug 2008	792	12.9	641.50	1658	0	134.46	255.0	98.7	100	124.6
	Sep 2008	775	13.0	638.00	1564	-94	132.63	255.0	95.3	100	123.0
	WY 2008	9146							1131.5		
	Oct 2008	597	9.7	630.49	1371	-193	126.83	255.0	71.2	100	119.2
	Nov 2008	504	8.5	634.00	1460	89	124.93	247.4	59.4	97	117.9
	Dec 2008	435	7.1	638.71	1583	123	129.99	221.9	53.1	87	122.1
	Jan 2009	588	9.6	641.80	1666	83	133.72	234.6	73.4	92	124.7
	Feb 2009	650	11.7	641.80	1666	0	135.26	237.2	81.5	93	125.3
	Mar 2009	902	14.7	643.05	1700	34	135.93	237.2	112.6	93	124.9
	Apr 2009	1043	17.5	643.01	1699	-1	136.08	255.0	129.9	100	124.5

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Parker Dam - Lake Havasu

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Parker Static Head Feet	Parker Generator Capacity MW	Parker Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	May 2006	749	12.2	447.06	562	4	0.00	120.0	50.4	100	67.2
H	Jun 2006	730	12.3	447.78	576	14	0.00	120.0	48.5	100	66.4
I	Jul 2006	742	12.1	448.22	584	8	0.00	120.0	49.9	100	67.2
S	Aug 2006	636	10.3	447.98	580	-5	0.00	120.0	41.6	100	65.4
T	Sep 2006	548	9.2	446.67	555	-25	0.00	120.0	37.0	100	67.6
	WY 2006	6695							448.2		
O	Oct 2006	457	7.4	447.85	577	22	0.00	91.0	30.8	76	67.4
R	Nov 2006	363	6.1	447.24	566	-11	0.00	96.0	24.1	80	66.5
I	Dec 2006	334	5.4	448.23	584	19	0.00	107.0	21.8	89	65.2
C	Jan 2007	366	5.9	447.71	575	-10	0.00	97.0	24.7	81	67.6
A	Feb 2007	472	8.5	445.97	542	-32	0.00	108.0	31.4	90	66.6
L	Mar 2007	684	11.1	447.06	562	20	0.00	109.0	45.5	91	66.6
*	Apr 2007	751	12.6	447.53	571	9	0.00	120.0	49.3	100	65.6
	May 2007	740	12.0	448.50	590	18	75.39	120.0	48.9	100	66.1
	Jun 2007	738	12.4	448.50	590	0	75.86	120.0	49.1	100	66.5
	Jul 2007	747	12.1	448.00	580	-10	75.62	120.0	49.5	100	66.3
	Aug 2007	613	10.0	447.50	570	-10	75.13	120.0	40.1	100	65.5
	Sep 2007	557	9.4	446.81	557	-13	74.55	120.0	36.1	100	64.9
	WY 2007	6819							451.3		
	Oct 2007	474	7.7	446.31	548	-9	75.98	79.2	31.2	66	65.9
	Nov 2007	367	6.2	446.00	543	-6	75.58	79.2	23.8	66	64.9
	Dec 2007	314	5.1	445.80	539	-4	75.34	79.2	20.1	66	64.0
	Jan 2008	352	5.7	445.80	539	0	74.64	90.0	22.5	75	63.9
	Feb 2008	412	7.2	446.00	543	4	74.74	90.0	26.7	75	64.7
	Mar 2008	696	11.3	446.70	555	13	75.17	90.0	46.0	75	66.1
	Apr 2008	786	13.2	448.71	594	38	75.09	120.0	51.9	100	66.0
	May 2008	734	11.9	448.71	594	0	76.06	120.0	48.9	100	66.6
	Jun 2008	747	12.6	448.71	594	0	76.06	120.0	49.8	100	66.7
	Jul 2008	749	12.2	448.00	580	-14	75.72	120.0	49.7	100	66.3
	Aug 2008	620	10.1	447.50	570	-10	75.13	120.0	40.6	100	65.5
	Sep 2008	563	9.5	446.81	557	-13	74.55	120.0	36.6	100	65.0
	WY 2008	6815							447.8		
	Oct 2008	478	7.8	446.31	548	-9	74.43	109.2	30.8	91	64.5
	Nov 2008	371	6.2	446.00	543	-6	74.04	109.2	23.6	91	63.6
	Dec 2008	317	5.2	445.80	539	-4	73.80	109.2	19.9	91	62.8
	Jan 2009	349	5.7	445.80	539	0	74.64	90.0	22.3	75	63.8
	Feb 2009	408	7.3	446.00	543	4	74.74	90.0	26.4	75	64.7
	Mar 2009	689	11.2	446.70	555	13	75.17	90.0	45.5	75	66.1
	Apr 2009	776	13.0	448.71	594	38	75.09	120.0	51.2	100	66.0

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T Y M R E S E R V O I R S

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Upper Basin Power

		Glen Canyon 1000 MWHR	Flam Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Res 1000 MWHR	Font Res 1000 MWHR
*	May 2006	248	63	15	25	21	7
H	Jun 2006	341	29	29	36	21	8
I	Jul 2006	351	20	38	43	22	6
S	Aug 2006	349	18	38	45	22	6
T	Sep 2006	223	19	30	39	20	2
	Summer 2006	1511	148	150	187	106	29
O	Oct 2006	254	19	20	25	15	4
R	Nov 2006	254	19	14	18	10	4
I	Dec 2006	338	28	25	31	18	4
C	Jan 2007	336	28	25	31	16	4
A	Feb 2007	251	25	14	18	4	3
L	Mar 2007	249	20	10	12	7	3
	Winter 2007	1682	139	109	134	69	22
*	Apr 2007	250	18	11	17	11	3
	May 2007	238	46	13	23	14	4
	Jun 2007	320	30	18	26	15	4
	Jul 2007	323	25	29	35	18	5
	Aug 2007	321	25	29	35	18	5
	Sep 2007	239	24	25	31	16	6
	Summer 2007	1692	167	126	167	91	26
	Oct 2007	237	25	17	22	12	6
	Nov 2007	236	24	8	11	6	6
	Dec 2007	314	25	12	16	8	6
	Jan 2008	312	25	18	22	12	5
	Feb 2008	233	23	16	21	11	5
	Mar 2008	232	25	17	23	13	5
	Winter 2008	1564	145	89	116	61	33
	Apr 2008	233	28	20	29	16	4
	May 2008	236	55	22	36	23	7
	Jun 2008	264	82	21	33	22	9
	Jul 2008	351	40	34	41	23	10
	Aug 2008	372	40	38	45	23	10
	Sep 2008	260	39	36	43	22	6
	Summer 2008	1715	284	171	227	129	45
	Oct 2008	246	40	24	29	15	6
	Nov 2008	246	39	15	19	10	6
	Dec 2008	327	40	19	24	12	6
	Jan 2009	325	40	21	27	14	5
	Feb 2009	263	36	16	20	11	4
	Mar 2009	262	40	17	23	12	5
	Winter 2009	1671	234	111	142	74	33
	Apr 2009	263	41	20	29	16	5

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model_run_id = 1673

F L O O D C O N T R O L C R I T E R I A
B E G I N N I N G O F M O N T H C O N D I T I O N S

MON	YEAR	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	LAKE POWELL KAF	UPPER BASIN TOTAL KAF	LAKE MEAD KAF	TOTAL KAF	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	TOT OR MAX ALLOW KAF	LAKE POWELL KAF	LAKE MEAD KAF	TOTAL KAF	BOM SPACE REQD KAF	MEAD SCHED REL KAF	MEAD FC REL KAF	SYS CONT MAF
		* * * * P R E D I C T E D S P A C E * * * *							* * * * E F F E C T I V E S P A C E * * * *									
MAY	2007	777	296	74	12536	13683	13954	27637	151	179	69	398	12536	13954	26889	1500	1028	0	33.1
JUN	2007	782	197	165	12230	13374	14408	27782	149	74	125	349	12230	14408	26986	1500	982	0	33.4
JUL	2007	672	103	120	11876	12772	14646	27418	27	-29	30	28	11876	14646	26550	1500	904	0	33.1
									* * * * C R E D I T A B L E S P A C E * * * *									
AUG	2007	660	127	145	11973	12905	14776	27681	660	127	145	932	11973	14776	27681	1500	753	0	32.7
SEP	2007	682	170	168	12306	13325	14735	28060	682	170	168	1019	12306	14735	28060	2270	666	0	32.3
OCT	2007	712	213	177	12460	13562	14796	28358	712	213	177	1102	12460	14796	28358	3040	392	0	32.1
NOV	2007	729	230	179	12551	13689	14611	28300	729	230	179	1138	12551	14611	28300	3810	591	0	32.1
DEC	2007	747	230	182	12642	13801	14607	28408	747	230	182	1159	12642	14607	28408	4580	595	0	32.0
JAN	2008	781	248	192	12969	14190	14400	28590	781	248	192	1221	12969	14400	28590	5350	681	0	31.9
									* * * * E F F E C T I V E S P A C E * * * *									
JAN	2008	781	248	192	12969	14190	14400	28590	456	248	184	888	12969	14400	28257	5350	681	0	31.9
FEB	2008	810	285	204	13305	14604	14258	28861	483	285	195	963	13305	14258	28525	1500	655	0	31.7
MAR	2008	830	320	203	13455	14807	14257	29065	499	320	194	1013	13455	14257	28725	1500	954	0	31.4
APR	2008	799	346	158	13504	14808	14542	29350	463	346	143	953	13504	14542	28999	1500	1061	0	31.3
MAY	2008	741	341	70	13360	14512	14950	29462	399	341	35	775	13360	14950	29085	1500	1024	0	32.3
JUN	2008	639	213	89	12193	13134	15369	28503	287	213	19	519	12193	15369	28080	1500	937	0	33.9
JUL	2008	477	39	170	10529	11215	15699	26914	110	14	48	172	10529	15699	26400	1500	943	0	34.2
									* * * * C R E D I T A B L E S P A C E * * * *									
AUG	2008	385	27	178	10218	10807	15821	26628	385	27	178	590	10218	15821	26628	1500	813	0	33.9
SEP	2008	413	79	188	10479	11158	15744	26901	413	79	188	679	10479	15744	26901	2270	694	0	33.5
OCT	2008	472	152	190	10547	11361	15804	27165	472	152	190	814	10547	15804	27165	3040	409	0	33.3
NOV	2008	529	190	190	10585	11493	15632	27125	529	190	190	908	10585	15632	27125	3810	606	0	33.3
DEC	2008	586	208	192	10621	11608	15640	27248	586	208	192	987	10621	15640	27248	4580	577	0	33.2
JAN	2009	660	248	199	10890	11997	15413	27411	660	248	199	1107	10890	15413	27411	5350	688	0	33.0
									* * * * E F F E C T I V E S P A C E * * * *									
JAN	2009	660	248	199	10890	11997	15413	27411	279	248	199	726	10890	15413	27030	5350	688	0	33.0
FEB	2009	730	295	208	11179	12412	15277	27689	347	295	208	851	11179	15277	27306	1500	663	0	32.8
MAR	2009	785	327	208	11355	12674	15238	27913	400	327	208	935	11355	15238	27528	1500	950	0	32.6
APR	2009	795	351	161	11416	12723	15471	28194	406	351	161	919	11416	15471	27806	1500	1060	0	32.5

To: All Annual Operating Plan Recipients

From: Lower Colorado Region
Boulder Canyon Operations Office
River Operations Group
Doug Blatchford, Manager
P.O. Box 61470
Boulder City, NV 89006-1470
Phone: 702-293-8190

This operational study reflects the 2007 Annual Operating Plan (AOP) as signed by the Secretary of the Interior. The Partial Domestic Surplus condition is the criterion governing the operation of Lake Mead for Calendar Year 2007. A copy of the 2007 AOP can be obtained by contacting (702)293-8190 or visiting our website at www.usbr.gov/lc/riverops.html.

In this study, the Calendar Year (CY) 2007 diversion for Metropolitan Water District of Southern California (MWD) is forecasted to be 0.645 million acre-feet (maf). The CY 2007 diversion for the Central Arizona Project (CAP) is forecasted to be 1.562 maf. Consumptive use for Nevada above Hoover is forecasted to be 0.295 maf for CY 2007.

Side inflows above Lake Mead reflect estimates from the Colorado Basin River Forecast Center through July 2007. Forecasts for future gains and losses reflect median values derived from historical data from 1976 through 2005 between Glen Canyon and Hoover Dams, Hoover and Davis Dams, and Davis and Parker Dams.

At this time, estimates for water demand schedules for CY 2007 in the Lower Basin do not reflect Partial Domestic schedules. This does not preclude any entity entitled to a Partial Domestic Surplus from requesting it at a later time in CY 2007. Lake Mead's elevation is projected to be 1114.85 feet at the end of CY 2007. According to the Interim Surplus Guidelines, when Lake Mead's elevation is projected to be below elevation 1125 feet, the Normal Criterion governs the operation of Lake Mead.

Due to declining Lake Mead elevations, Hoover's generator capacity is adjusted based on estimated effective capacity and plant availability. The estimated effective capacity is based on projected Lake Mead elevations. Unit capacity tests will be performed as the lake elevation changes in 2' increments. This study reflects these changes in the projections.

Current runoff projections into Lake Powell are provided by the National Weather Service's Colorado Basin River Forecast Center and are as follows: observed unregulated inflow into Lake Powell for the month of May, 2007 was 1.578 maf or 69% of the 30 year average. The forecast for June, 2007 unregulated inflow into Lake Powell is 1.100 maf or 36% of the 30 year average. The forecast for the April through July unregulated inflow period is 4.0 maf or 50% of average.

Hoover, Davis, and Parker historical gross energy figures come from PO&M reports provided by the Power and O&M Group, Boulder Canyon Operations, Bureau of Reclamation, Boulder City, Nevada. Questions regarding these historical energy numbers can be directed to Larry Karr at (702) 293-8094.

(Note: Lower Basin previous months' historical SNWP and flow to Mexico values are preliminary estimates.)

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T E M R E S E R V O I R S

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Fontenelle Reservoir

		Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Jun 2006	217	2	100	91	191	6498.17	285
H	Jul 2006	86	3	68	0	68	6500.17	300
I	Aug 2006	35	2	68	1	69	6495.25	264
S	Sep 2006	29	2	23	28	51	6491.84	240
	WY 2006	895	17	683	200	883		
T	Oct 2006	41	1	54	1	55	6489.68	226
O	Nov 2006	40	1	54	0	54	6487.35	210
R	Dec 2006	29	1	57	0	57	6482.67	182
I	Jan 2007	26	1	56	0	56	6477.07	152
C	Feb 2007	26	0	50	0	50	6471.76	127
A	Mar 2007	62	0	56	0	56	6473.15	133
L	Apr 2007	49	1	51	0	51	6472.62	131
*	May 2007	109	1	49	0	49	6483.80	189
	Jun 2007	112	2	48	0	48	6493.34	251
	Jul 2007	50	2	49	0	49	6493.11	249
	Aug 2007	35	2	49	0	49	6490.75	233
	Sep 2007	30	2	48	0	48	6487.77	214
	WY 2007	609	14	621	1	622		
	Oct 2007	39	1	49	0	49	6486.07	203
	Nov 2007	41	1	48	0	48	6484.89	195
	Dec 2007	32	1	49	0	49	6481.89	177
	Jan 2008	30	1	49	0	49	6478.18	157
	Feb 2008	28	0	46	0	46	6474.42	139
	Mar 2008	51	0	49	0	49	6474.75	140
	Apr 2008	89	1	57	0	57	6480.92	172
	May 2008	176	2	104	1	105	6491.99	241
	Jun 2008	308	2	103	136	239	6501.17	308
	Jul 2008	186	3	100	46	146	6505.96	345
	Aug 2008	83	2	99	5	104	6502.97	322
	Sep 2008	49	2	59	9	68	6500.16	300
	WY 2008	1112	16	812	197	1009		
	Oct 2008	49	1	71	0	71	6497.00	277
	Nov 2008	41	1	68	0	68	6493.02	248
	Dec 2008	32	1	71	0	71	6487.07	209
	Jan 2009	30	1	71	0	71	6480.11	167
	Feb 2009	27	0	64	0	64	6472.52	130
	Mar 2009	51	0	73	0	73	6467.33	108
	Apr 2009	89	1	89	0	89	6467.07	107
	May 2009	176	1	98	10	108	6481.27	174

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Flaming Gorge Reservoir

	Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Yampa Flow 1000 Ac-Ft	Jensen Flow 1000 Ac-Ft
* Jun 2006	239	214	10	78	0	78	88	6024.17	3130	258	393
H Jul 2006	90	71	13	54	0	54	88	6024.29	3134	40	104
I Aug 2006	32	65	12	50	0	50	88	6024.35	3136	12	65
S Sep 2006	31	54	10	50	0	50	88	6024.19	3130	22	77
WY 2006	1041	1031	77	999	3	1002					2585
T Oct 2006	50	64	7	50	0	50	88	6024.37	3137	0	114
O Nov 2006	43	57	4	48	0	48	89	6024.50	3142	0	100
R Dec 2006	29	58	2	76	0	76	88	6023.99	3123	0	110
I Jan 2007	33	63	2	75	0	75	87	6023.61	3109	0	592
C Feb 2007	45	69	2	66	0	66	87	6023.65	3111	0	392
A Mar 2007	119	113	3	51	0	51	90	6025.19	3167	0	221
L Apr 2007	73	75	5	50	0	50	90	6025.71	3187	0	263
* May 2007	164	106	8	138	0	138	89	6024.67	3148	0	526
Jun 2007	120	56	10	59	0	59	88	6024.33	3135	0	59
Jul 2007	53	52	13	49	0	49	88	6024.06	3126	0	49
Aug 2007	40	54	12	49	0	49	88	6023.87	3119	0	49
Sep 2007	36	53	11	48	0	48	88	6023.74	3114	0	48
WY 2007	805	820	79	759	0	759					2523
Oct 2007	48	58	7	49	0	49	88	6023.78	3115	0	49
Nov 2007	51	58	3	48	0	48	88	6023.97	3122	0	48
Dec 2007	37	54	2	55	0	55	88	6023.89	3119	0	55
Jan 2008	41	60	2	55	0	55	88	6023.98	3123	0	55
Feb 2008	47	65	2	52	0	52	88	6024.27	3133	0	52
Mar 2008	103	101	3	55	0	55	90	6025.40	3175	0	55
Apr 2008	142	110	5	54	0	54	91	6026.74	3225	0	54
May 2008	263	192	8	136	0	136	93	6027.98	3272	0	136
Jun 2008	400	331	10	254	3	257	95	6029.59	3333	0	257
Jul 2008	219	179	14	111	0	111	97	6030.96	3386	0	111
Aug 2008	97	118	13	111	0	111	96	6030.82	3381	0	111
Sep 2008	58	78	11	107	0	107	95	6029.81	3342	0	107
WY 2008	1506	1404	80	1087	3	1090					1090
Oct 2008	59	81	7	111	0	111	94	6028.89	3306	0	111
Nov 2008	51	79	3	107	0	107	93	6028.08	3275	0	107
Dec 2008	37	76	2	111	0	111	92	6027.13	3240	0	111
Jan 2009	41	82	2	111	0	111	91	6026.35	3210	0	111
Feb 2009	45	82	2	100	0	100	90	6025.83	3191	0	100
Mar 2009	103	125	3	111	0	111	91	6026.12	3202	0	111
Apr 2009	142	143	5	113	0	113	91	6026.76	3226	0	113
May 2009	263	195	8	163	0	163	92	6027.39	3249	0	163

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Taylor Park Reservoir

	Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
* Jun 2006	24	18	9324.06	95
H Jul 2006	12	18	9320.55	88
I Aug 2006	9	18	9315.25	79
S Sep 2006	8	14	9311.30	72
WY 2006	119	116		
T Oct 2006	10	5	9314.16	77
O Nov 2006	6	4	9315.22	79
R Dec 2006	5	5	9315.38	79
I Jan 2007	4	5	9315.07	78
C Feb 2007	3	4	9314.65	78
A Mar 2007	6	5	9315.67	79
L Apr 2007	8	5	9317.64	83
* May 2007	27	11	9325.94	98
Jun 2007	24	20	9327.76	102
Jul 2007	10	18	9323.72	94
Aug 2007	7	18	9317.45	82
Sep 2007	5	16	9311.13	72
WY 2007	115	116		
Oct 2007	5	12	9306.90	65
Nov 2007	5	5	9306.82	65
Dec 2007	4	5	9306.45	64
Jan 2008	4	5	9305.90	64
Feb 2008	4	5	9305.13	62
Mar 2008	4	5	9304.62	62
Apr 2008	8	8	9304.84	62
May 2008	27	12	9314.44	77
Jun 2008	43	20	9326.93	100
Jul 2008	20	20	9327.14	100
Aug 2008	10	20	9321.94	91
Sep 2008	7	16	9316.94	81
WY 2008	141	133		
Oct 2008	6	12	9313.48	76
Nov 2008	5	6	9312.80	74
Dec 2008	4	5	9312.46	74
Jan 2009	4	5	9311.96	73
Feb 2009	4	5	9311.28	72
Mar 2009	4	5	9310.81	71
Apr 2009	8	11	9309.13	69
May 2009	27	18	9314.75	78

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T E M R E S E R V O I R S

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Blue Mesa Reservoir

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Jun 2006	155	149	1	91	0	91	7517.05	808
H	Jul 2006	76	83	2	117	0	117	7513.07	773
I	Aug 2006	60	69	1	121	0	121	7506.88	719
S	Sep 2006	41	48	1	99	0	99	7500.66	667
	WY 2006	828	828	8	740	0	740		
T	Oct 2006	70	65	1	74	0	74	7499.52	657
O	Nov 2006	42	40	0	52	0	52	7498.10	646
R	Dec 2006	35	35	0	93	0	93	7490.78	587
I	Jan 2007	30	31	0	93	0	93	7482.56	525
C	Feb 2007	26	27	0	54	0	54	7478.89	498
A	Mar 2007	55	54	0	38	0	38	7481.01	513
L	Apr 2007	67	64	1	43	0	43	7483.72	533
*	May 2007	189	174	1	41	0	41	7500.42	665
	Jun 2007	149	145	1	60	0	60	7510.34	749
	Jul 2007	60	68	2	94	0	94	7507.13	721
	Aug 2007	40	51	1	94	0	94	7501.95	677
	Sep 2007	28	38	1	84	0	84	7496.33	631
	WY 2007	791	792	8	820	0	820		
	Oct 2007	31	38	1	59	0	59	7493.59	610
	Nov 2007	31	31	0	34	0	34	7493.13	606
	Dec 2007	25	26	0	50	0	50	7490.00	581
	Jan 2008	24	25	0	60	0	60	7485.40	546
	Feb 2008	23	24	0	56	0	56	7481.05	514
	Mar 2008	34	35	0	61	0	61	7477.40	487
	Apr 2008	73	73	1	69	0	69	7477.81	490
	May 2008	212	197	1	74	0	74	7493.90	612
	Jun 2008	271	248	1	68	0	68	7515.10	791
	Jul 2008	121	120	2	107	0	107	7516.40	802
	Aug 2008	62	72	1	122	0	122	7510.58	751
	Sep 2008	36	45	1	118	0	118	7501.91	677
	WY 2008	943	934	8	878	0	878		
	Oct 2008	35	41	1	78	0	78	7497.33	640
	Nov 2008	31	32	0	50	0	50	7495.03	621
	Dec 2008	25	26	0	65	0	65	7490.00	581
	Jan 2009	24	25	0	72	0	72	7483.80	534
	Feb 2009	22	23	0	54	0	54	7479.56	503
	Mar 2009	34	35	0	59	0	59	7476.16	478
	Apr 2009	73	76	1	70	0	70	7476.90	484
	May 2009	212	203	1	74	0	74	7493.90	612

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Morrow Point Reservoir

		Unreg Inflow 1000 Ac-Ft	Blue_Mesa Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Evap losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Jun 2006	166	91	11	102	0	101	0	101	7153.49	112
H	Jul 2006	79	117	3	120	0	119	0	119	7154.36	113
I	Aug 2006	62	121	3	124	0	123	0	123	7156.04	114
S	Sep 2006	43	99	2	101	0	107	0	107	7145.25	105
	WY 2006	893	740	66	805	0	809	0	809		
T	Oct 2006	69	74	-1	73	0	71	0	71	7148.31	108
O	Nov 2006	41	52	-1	50	0	52	0	52	7146.13	106
R	Dec 2006	31	93	-4	89	0	88	0	88	7146.46	106
I	Jan 2007	25	93	-5	88	0	88	0	88	7145.92	106
C	Feb 2007	24	54	-2	51	0	51	0	51	7145.91	106
A	Mar 2007	58	38	3	41	0	34	0	34	7154.36	113
L	Apr 2007	73	43	6	49	0	50	0	50	7153.49	112
*	May 2007	202	41	13	54	0	53	0	53	7154.94	113
	Jun 2007	161	60	12	72	0	73	0	73	7153.73	112
	Jul 2007	63	94	3	97	0	97	0	97	7153.73	112
	Aug 2007	42	94	2	96	0	96	0	96	7153.73	112
	Sep 2007	30	84	2	86	0	86	0	86	7153.73	112
	WY 2007	819	820	28	846	0	839	0	839		
	Oct 2007	33	59	2	61	0	61	0	61	7153.73	112
	Nov 2007	33	34	2	36	0	36	0	36	7153.73	112
	Dec 2007	27	50	2	52	0	52	0	52	7153.73	112
	Jan 2008	26	60	2	62	0	62	0	62	7153.73	112
	Feb 2008	26	56	3	59	0	59	0	59	7153.73	112
	Mar 2008	38	61	4	65	0	65	0	65	7153.73	112
	Apr 2008	84	69	11	80	0	80	0	80	7153.73	112
	May 2008	237	74	25	99	0	99	0	99	7153.73	112
	Jun 2008	292	68	21	89	0	89	0	89	7153.73	112
	Jul 2008	127	107	7	114	0	114	0	114	7153.73	112
	Aug 2008	65	122	4	126	0	126	0	126	7153.73	112
	Sep 2008	39	118	3	121	0	121	0	121	7153.73	112
	WY 2008	1027	878	86	964	0	964	0	964		
	Oct 2008	38	78	3	81	0	81	0	81	7153.73	112
	Nov 2008	33	50	2	52	0	52	0	52	7153.73	112
	Dec 2008	27	65	2	67	0	67	0	67	7153.73	112
	Jan 2009	26	72	2	74	0	74	0	74	7153.73	112
	Feb 2009	25	54	3	57	0	57	0	57	7153.73	112
	Mar 2009	38	59	4	63	0	63	0	63	7153.73	112
	Apr 2009	84	70	11	81	0	81	0	81	7153.73	112
	May 2009	237	74	25	99	0	99	0	99	7153.73	112

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Crystal Reservoir

		unreg Inflow 1000 Ac-Ft	Morrow Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Tunnel Flow 1000 Ac-Ft	Below_tunnel Flow 1000 Ac-Ft
*	Jun 2006	183	101	17	118	116	2	118	6745.00	15	65	60
H	Jul 2006	86	119	7	126	126	0	126	6745.30	15	63	72
I	Aug 2006	69	123	6	129	129	0	129	6744.74	15	62	79
S	Sep 2006	47	107	4	114	112	1	113	6746.01	15	53	68
	WY 2006	993	809	98	909	859	50	909			384	559
T	Oct 2006	76	71	7	77	77	0	77	6746.08	15	40	39
O	Nov 2006	46	52	5	57	58	0	58	6740.90	14	0	58
R	Dec 2006	35	88	4	93	93	0	93	6738.89	13	0	99
I	Jan 2007	29	88	4	92	85	8	93	6737.51	13	1	101
C	Feb 2007	27	51	3	55	25	29	54	6739.24	13	2	57
A	Mar 2007	67	34	8	43	42	0	42	6739.82	13	1	43
L	Apr 2007	84	50	11	61	57	0	57	6751.74	17	28	29
*	May 2007	228	53	25	78	78	0	78	6751.27	16	49	29
	Jun 2007	175	73	14	87	86	0	86	6753.04	17	60	26
	Jul 2007	68	97	5	102	102	0	102	6753.04	17	65	37
	Aug 2007	48	96	6	102	102	0	102	6753.04	17	65	37
	Sep 2007	35	86	5	91	91	0	91	6753.04	17	55	36
	WY 2007	918	839	97	938	896	37	933			366	591
	Oct 2007	39	61	6	67	67	0	67	6753.04	17	30	37
	Nov 2007	38	36	5	42	42	0	42	6753.04	17	0	42
	Dec 2007	32	52	5	57	57	0	57	6753.04	17	0	57
	Jan 2008	31	62	5	67	67	0	67	6753.04	17	0	67
	Feb 2008	30	59	4	63	63	0	63	6753.04	17	0	63
	Mar 2008	46	65	7	72	72	0	72	6753.04	17	5	67
	Apr 2008	96	80	12	92	92	0	92	6753.04	17	30	62
	May 2008	272	99	35	134	134	0	134	6753.04	17	55	79
	Jun 2008	330	89	38	127	127	0	127	6753.04	17	60	67
	Jul 2008	144	114	17	131	131	0	131	6753.04	17	65	66
	Aug 2008	74	126	8	134	134	0	134	6753.04	17	65	69
	Sep 2008	45	121	6	127	127	0	127	6753.04	17	55	72
	WY 2008	1177	964	148	1113	1113	0	1113			365	748
	Oct 2008	44	81	7	87	87	0	87	6753.04	17	30	57
	Nov 2008	38	52	5	57	57	0	57	6753.04	17	0	57
	Dec 2008	32	67	5	72	72	0	72	6753.04	17	0	72
	Jan 2009	31	74	5	79	79	0	79	6753.04	17	0	79
	Feb 2009	29	57	4	61	61	0	61	6753.04	17	0	61
	Mar 2009	46	63	7	70	70	0	70	6753.04	17	5	65
	Apr 2009	96	81	12	93	93	0	93	6753.04	17	30	63
	May 2009	272	99	35	134	134	0	134	6753.04	17	55	79

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Vallecito Reservoir

	Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
* Jun 2006	28	41	7658.79	109
H Jul 2006	20	37	7651.91	92
I Aug 2006	28	33	7649.90	87
S Sep 2006	24	26	7648.87	84
WY 2006	247	238		
T Oct 2006	54	42	7653.51	96
O Nov 2006	15	34	7645.48	76
R Dec 2006	8	8	7645.38	76
I Jan 2007	7	6	7645.38	76
C Feb 2007	5	5	7645.51	76
A Mar 2007	14	5	7649.56	86
L Apr 2007	22	5	7656.47	103
* May 2007	68	45	7664.82	125
Jun 2007	51	66	7658.95	109
Jul 2007	19	43	7649.09	85
Aug 2007	15	43	7636.17	56
Sep 2007	15	35	7624.64	36
WY 2007	293	337		
Oct 2007	12	19	7619.67	29
Nov 2007	8	4	7622.63	33
Dec 2007	6	4	7623.92	35
Jan 2008	5	4	7624.65	36
Feb 2008	5	4	7625.10	37
Mar 2008	8	4	7627.52	40
Apr 2008	22	4	7637.10	58
May 2008	69	50	7645.88	77
Jun 2008	78	62	7652.14	92
Jul 2008	31	43	7646.83	79
Aug 2008	19	43	7635.61	55
Sep 2008	17	30	7628.53	42
WY 2008	280	271		
Oct 2008	13	15	7627.20	40
Nov 2008	8	4	7629.61	44
Dec 2008	6	6	7629.56	44
Jan 2009	5	5	7629.62	44
Feb 2009	5	5	7629.46	44
Mar 2009	8	5	7631.09	47
Apr 2009	22	10	7637.21	58
May 2009	69	45	7648.12	83

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Navajo Reservoir

		Mod_Unreg Inflow 1000 Ac-Ft	Azetea Tunnel_Div 1000 Ac-Ft	Reg Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	NIIP Diversion 1000 ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Farm Flow 1000 Ac-Ft
*	Jun 2006	54	8	58	5	43	126	6069.04	1467	196
H	Jul 2006	35	4	48	5	37	47	6066.07	1427	63
I	Aug 2006	67	5	67	4	35	38	6065.35	1417	62
S	Sep 2006	58	6	54	3	15	34	6065.53	1420	57
	WY 2006	689	72	605	32	189	484			881
T	Oct 2006	167	13	141	2	7	29	6073.01	1523	128
O	Nov 2006	42	0	62	1	0	27	6075.33	1556	47
R	Dec 2006	27	0	27	1	1	26	6075.31	1556	50
I	Jan 2007	22	0	21	1	1	29	6074.67	1546	46
C	Feb 2007	31	0	31	1	1	29	6074.65	1546	53
A	Mar 2007	126	13	104	2	5	41	6078.51	1603	76
L	Apr 2007	121	18	87	3	20	44	6079.81	1622	90
*	May 2007	258	34	200	4	25	212	6077.03	1581	257
	Jun 2007	169	28	156	5	47	74	6078.99	1610	74
	Jul 2007	42	4	62	5	51	46	6076.28	1570	46
	Aug 2007	34	1	61	4	43	46	6074.06	1538	46
	Sep 2007	36	1	55	3	25	45	6072.85	1520	45
	WY 2007	1075	112	1007	32	226	648			958
	Oct 2007	35	0	42	2	7	46	6071.94	1508	46
	Nov 2007	33	0	29	1	0	32	6071.65	1504	32
	Dec 2007	24	0	22	1	0	31	6070.99	1494	31
	Jan 2008	22	0	21	1	0	31	6070.22	1484	31
	Feb 2008	31	0	31	1	0	28	6070.36	1486	28
	Mar 2008	88	2	82	2	4	31	6073.61	1531	31
	Apr 2008	174	19	136	3	17	34	6079.28	1614	34
	May 2008	279	31	228	4	31	200	6078.82	1607	200
	Jun 2008	246	45	186	5	47	212	6073.46	1529	212
	Jul 2008	74	7	79	5	51	31	6072.92	1521	31
	Aug 2008	43	0	67	4	42	31	6072.20	1511	31
	Sep 2008	42	0	55	3	24	30	6072.06	1509	30
	WY 2008	1091	104	978	32	223	737			737
	Oct 2008	38	0	40	2	7	31	6072.06	1509	31
	Nov 2008	33	0	29	1	0	30	6071.90	1507	30
	Dec 2008	24	0	24	1	0	31	6071.38	1500	31
	Jan 2009	22	0	22	1	0	30	6070.76	1491	30
	Feb 2009	30	0	30	1	0	30	6070.75	1491	30
	Mar 2009	88	2	83	2	4	31	6074.06	1538	31
	Apr 2009	174	19	142	3	17	34	6080.11	1627	34
	May 2009	279	31	223	4	31	200	6079.31	1615	200

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Lake Powell

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	PowerPlant Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Bank Storage 1000 Ac-Ft	EOM Storage 1000 Ac-Ft	Lees Ferry 1000 Ac-Ft
*	Jun 2006	1617	1469	42	801	0	801	3610.35	18639	12766	826
H	Jul 2006	575	623	44	829	0	829	3606.85	18739	12416	860
I	Aug 2006	422	503	49	827	0	827	3602.78	18765	12017	863
S	Sep 2006	412	501	46	536	0	536	3601.74	18784	11917	561
	WY 2006	8607	8549	336	8228	0	8228				8491
T	Oct 2006	1018	922	27	606	0	606	3607.96	18463	12526	635
O	Nov 2006	558	536	24	603	0	603	3606.85	18483	12416	628
R	Dec 2006	402	502	21	801	0	801	3603.39	18502	12076	834
I	Jan 2007	315	426	13	800	0	800	3599.51	18487	11703	833
C	Feb 2007	404	462	15	604	0	604	3597.91	18481	11552	625
A	Mar 2007	795	680	13	602	0	602	3598.81	18461	11637	611
L	Apr 2007	802	701	20	600	0	600	3600.35	18394	11784	607
*	May 2007	1577	1441	29	601	0	601	3609.61	18297	12691	602
	Jun 2007	1100	931	41	800	0	800	3610.44	18304	12774	800
	Jul 2007	520	609	47	804	0	804	3608.21	18286	12551	804
	Aug 2007	350	469	47	804	0	804	3604.62	18258	12197	804
	Sep 2007	342	445	40	605	0	605	3602.72	18243	12011	605
	WY 2007	8183	8124	337	8230	0	8230				8388
	Oct 2007	442	490	36	600	0	600	3601.31	18232	11876	600
	Nov 2007	523	522	30	600	0	600	3600.27	18224	11775	600
	Dec 2007	418	468	25	800	0	800	3596.77	18198	11445	800
	Jan 2008	384	444	18	800	0	800	3593.04	18170	11098	800
	Feb 2008	409	443	17	600	0	600	3591.28	18157	10937	600
	Mar 2008	628	555	21	600	0	600	3590.61	18152	10876	600
	Apr 2008	952	756	24	600	0	600	3591.95	18162	10998	600
	May 2008	2161	1879	34	600	0	600	3604.15	18254	12151	600
	Jun 2008	2808	2521	42	650	0	650	3620.76	18390	13844	650
	Jul 2008	1345	1238	50	850	0	850	3623.68	18415	14157	850
	Aug 2008	566	671	51	900	0	900	3621.26	18394	13897	900
	Sep 2008	459	602	44	630	0	630	3620.63	18388	13830	630
	WY 2008	11095	10589	392	8230	0	8230				8230
	Oct 2008	506	601	40	600	0	600	3620.29	18386	13794	600
	Nov 2008	523	595	33	600	0	600	3619.96	18383	13759	600
	Dec 2008	418	538	27	800	0	800	3617.41	18361	13491	800
	Jan 2009	384	510	21	800	0	800	3614.64	18338	13204	800
	Feb 2009	395	481	19	650	0	650	3612.95	18324	13029	650
	Mar 2009	628	609	24	650	0	650	3612.35	18320	12969	650
	Apr 2009	952	816	27	650	0	650	3613.62	18330	13098	650
	May 2009	2161	1906	38	800	0	800	3623.03	18409	14086	800

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Hoover Dam - Lake Mead

		Glen Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release CFS	SNWP Use 1000 Ac-Ft	Dwnstrm Reqmnts 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
*	Jun 2006	801	20	65	1036	17.4	32	1034	922	1128.26	14178
H	Jul 2006	829	56	80	967	15.7	34	962	910	1126.42	13993
I	Aug 2006	827	124	85	818	13.3	35	812	910	1126.54	14005
S	Sep 2006	536	69	70	633	10.6	28	628	903	1125.36	13887
	WY 2006	8228	702	668	9395		287	9343			
T	Oct 2006	606	117	51	564	9.2	26	554	908	1126.13	13964
O	Nov 2006	603	47	51	525	8.8	20	523	911	1126.63	14014
R	Dec 2006	801	39	44	621	10.1	15	617	921	1128.12	14164
I	Jan 2007	800	42	36	639	10.4	13	637	930	1129.55	14309
C	Feb 2007	604	67	33	647	11.6	12	646	929	1129.35	14288
A	Mar 2007	602	45	37	970	15.8	21	969	905	1125.79	13930
L	Apr 2007	600	24	45	1093	18.4	22	1092	873	1120.69	13426
*	May 2007	601	13	51	1026	16.7	30	1025	843	1115.89	12963
	Jun 2007	800	4	61	954	16.0	34	954	828	1113.48	12734
	Jul 2007	804	21	76	926	15.1	33	926	815	1111.40	12537
	Aug 2007	804	80	80	739	12.0	30	739	817	1111.74	12569
	Sep 2007	605	78	66	671	11.3	33	671	812	1110.87	12487
	WY 2007	8230	577	631	9375		289	9353			
	Oct 2007	600	69	48	404	6.6	31	404	823	1112.72	12662
	Nov 2007	600	67	48	597	10.0	24	597	823	1112.71	12660
	Dec 2007	800	70	42	600	9.8	12	600	836	1114.85	12864
	Jan 2008	800	80	34	675	11.0	13	675	846	1116.39	13011
	Feb 2008	600	101	32	650	11.3	13	650	846	1116.45	13017
	Mar 2008	600	103	35	948	15.4	17	948	828	1113.53	12738
	Apr 2008	600	93	43	1056	17.7	23	1056	802	1109.24	12335
	May 2008	600	63	49	1018	16.6	35	1018	775	1104.77	11922
	Jun 2008	650	27	58	933	15.7	34	932	754	1101.17	11596
	Jul 2008	850	69	72	937	15.2	33	937	746	1099.88	11480
	Aug 2008	900	102	76	808	13.1	30	808	752	1100.80	11563
	Sep 2008	630	97	63	689	11.6	33	689	748	1100.19	11508
	WY 2008	8230	941	600	9315		298	9314			
	Oct 2008	600	69	46	403	6.6	31	403	760	1102.16	11685
	Nov 2008	600	67	46	601	10.1	24	601	759	1102.12	11681
	Dec 2008	800	70	40	572	9.3	12	572	774	1104.66	11912
	Jan 2009	800	80	33	685	11.1	13	685	783	1106.18	12052
	Feb 2009	650	97	30	660	11.9	13	660	786	1106.63	12093
	Mar 2009	650	103	34	947	15.4	17	947	771	1104.12	11863
	Apr 2009	650	93	42	1057	17.8	23	1057	748	1100.19	11508
	May 2009	800	63	47	1025	16.7	35	1025	733	1097.62	11278

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T E M R E S E R V O I R S

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Davis Dam - Lake Mohave

		Hoover Release 1000 Ac-Ft	Side inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Spill Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release CFS	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
*	Jun 2006	1036	-11	1044	0	1044	17.5	641.95	1670
H	Jul 2006	967	-9	933	0	933	15.2	642.85	1695
I	Aug 2006	818	-15	791	0	791	12.9	643.26	1706
S	Sep 2006	633	-16	738	0	738	12.4	638.76	1584
	WY 2006	9395	-224	9152	0	9152			
T	Oct 2006	564	5	686	0	686	11.2	634.29	1467
O	Nov 2006	525	5	489	0	489	8.2	635.85	1508
R	Dec 2006	621	-7	542	0	542	8.8	638.56	1579
I	Jan 2007	639	-20	541	0	541	8.8	641.43	1656
C	Feb 2007	647	-16	649	0	649	11.7	640.75	1638
A	Mar 2007	970	-28	895	0	895	14.6	642.49	1685
L	Apr 2007	1093	-34	1001	0	1001	16.8	644.58	1742
*	May 2007	1026	-37	996	0	996	16.2	644.29	1734
	Jun 2007	954	-36	953	0	953	16.0	643.00	1699
	Jul 2007	926	-38	902	0	902	14.7	642.50	1685
	Aug 2007	739	-27	739	0	739	12.0	641.50	1658
	Sep 2007	671	-16	749	0	749	12.6	638.00	1564
	WY 2007	9375	-249	9142	0	9142			
	Oct 2007	404	-5	592	0	592	9.6	630.49	1371
	Nov 2007	597	-13	494	0	494	8.3	634.00	1460
	Dec 2007	600	-18	458	0	458	7.5	638.71	1583
	Jan 2008	675	-16	576	0	576	9.4	641.80	1666
	Feb 2008	650	-13	637	0	637	11.1	641.80	1666
	Mar 2008	948	-13	900	0	900	14.6	643.05	1700
	Apr 2008	1056	-18	1039	0	1039	17.5	643.01	1699
	May 2008	1018	-18	1000	0	1000	16.3	643.01	1699
	Jun 2008	933	-20	940	0	940	15.8	642.00	1671
	Jul 2008	937	-23	928	0	928	15.1	641.50	1658
	Aug 2008	808	-21	786	0	786	12.8	641.50	1658
	Sep 2008	689	-13	770	0	770	12.9	638.00	1564
	WY 2008	9315	-191	9120	0	9120			
	Oct 2008	403	-5	591	0	591	9.6	630.49	1371
	Nov 2008	601	-13	499	0	499	8.4	634.00	1460
	Dec 2008	572	-18	430	0	430	7.0	638.71	1583
	Jan 2009	685	-16	586	0	586	9.5	641.80	1666
	Feb 2009	660	-12	647	0	647	11.7	641.80	1666
	Mar 2009	947	-13	899	0	899	14.6	643.05	1700
	Apr 2009	1057	-18	1040	0	1040	17.5	643.01	1699
	May 2009	1025	-18	1007	0	1007	16.4	643.01	1699

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T E M R E S E R V O I R S

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Parker Dam - Lake Havasu

		Davis Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	MWD Diversion 1000 Ac-Ft	CAP diversion 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft	Flow_to Mexico 1000 Ac-Ft	Flow_to Mexico 1000 CFS
*	Jun 2006	1044	-41	730	12.3	77	182	447.78	576	128	2.2
H	Jul 2006	933	-24	742	12.1	81	77	448.22	584	125	2.0
I	Aug 2006	791	-25	636	10.3	87	47	447.98	580	99	1.6
S	Sep 2006	738	-18	548	9.2	60	137	446.67	555	94	1.6
	WY 2006	9152	-100	6695		827	1525			1552	
T	Oct 2006	686	-1	457	7.4	24	181	447.85	577	80	1.3
O	Nov 2006	489	-4	362	6.1	14	119	447.24	566	100	1.7
R	Dec 2006	542	-10	334	5.4	25	154	448.23	584	122	2.0
I	Jan 2007	541	0	366	5.9	50	134	447.71	575	123	2.0
C	Feb 2007	649	-19	472	8.5	59	131	445.97	542	149	2.7
A	Mar 2007	895	0	684	11.1	20	171	447.06	562	203	3.3
L	Apr 2007	1001	-4	751	12.6	76	161	447.53	571	198	3.3
*	May 2007	996	-11	721	11.7	86	159	448.56	591	109	1.8
	Jun 2007	953	-15	690	11.6	83	167	448.50	590	120	2.0
	Jul 2007	902	-14	747	12.2	86	69	447.80	576	124	2.0
	Aug 2007	739	0	617	10.0	86	42	447.50	570	93	1.5
	Sep 2007	749	1	558	9.4	59	146	446.81	557	89	1.5
	WY 2007	9142	-77	6759		668	1634			1510	
	Oct 2007	592	5	475	7.7	14	117	446.31	548	75	1.2
	Nov 2007	494	5	369	6.2	13	124	446.00	543	101	1.7
	Dec 2007	458	9	316	5.1	13	141	445.80	539	122	2.0
	Jan 2008	576	9	347	5.6	57	181	445.80	539	122	2.0
	Feb 2008	637	4	407	7.1	67	163	446.00	543	149	2.6
	Mar 2008	900	4	691	11.2	22	179	446.70	555	202	3.3
	Apr 2008	1039	-6	781	13.1	47	167	448.71	594	195	3.3
	May 2008	1000	-15	728	11.8	85	172	448.71	594	109	1.8
	Jun 2008	940	-15	742	12.5	93	90	448.71	594	120	2.0
	Jul 2008	928	-14	743	12.1	96	88	448.00	580	124	2.0
	Aug 2008	786	0	615	10.0	96	84	447.50	570	93	1.5
	Sep 2008	770	1	558	9.4	93	133	446.81	557	89	1.5
	WY 2008	9120	-13	6772		696	1639			1501	
	Oct 2008	591	5	473	7.7	34	99	446.31	548	75	1.2
	Nov 2008	499	5	366	6.2	16	128	446.00	543	101	1.7
	Dec 2008	430	9	313	5.1	13	117	445.80	539	122	2.0
	Jan 2009	586	9	346	5.6	67	181	445.80	539	122	2.0
	Feb 2009	647	3	405	7.3	79	163	446.00	543	149	2.7
	Mar 2009	899	4	686	11.2	26	179	446.70	555	202	3.3
	Apr 2009	1040	-6	773	13.0	55	167	448.71	594	195	3.3
	May 2009	1007	-15	719	11.7	101	172	448.71	594	109	1.8

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Hoover Dam - Lake Mead

	Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Hoover Static Head Feet	Hoover Generator Capacity MW	Hoover Gross Energy MKWH	Percent Of Units Available	KWH/AF
* Jun 2006	1036	17.4	1128.26	14178	-293	0.00	1815.0	430.5	100	415.6
H Jul 2006	967	15.7	1126.42	13993	-185	0.00	1793.0	396.0	100	409.4
I Aug 2006	818	13.3	1126.54	14005	12	0.00	1751.0	331.9	100	405.6
S Sep 2006	633	10.6	1125.36	13887	-118	0.00	1793.0	250.8	100	396.1
WY 2006	9395							3871.7		
T Oct 2006	564	9.2	1126.13	13964	77	0.00	1551.0	223.2	88	395.7
O Nov 2006	525	8.8	1126.63	14014	50	0.00	1128.0	210.9	64	401.7
R Dec 2006	621	10.1	1128.12	14164	150	0.00	1128.0	252.7	64	407.1
I Jan 2007	639	10.4	1129.55	14309	145	0.00	1233.0	262.8	70	411.6
C Feb 2007	647	11.6	1129.35	14288	-20	0.00	969.0	267.6	55	413.7
A Mar 2007	970	15.8	1125.79	13930	-358	0.00	1319.0	406.2	74	418.7
L Apr 2007	1093	18.4	1120.69	13426	-504	0.00	1275.0	455.6	73	416.9
* May 2007	1026	16.7	1115.89	12963	-463	0.00	1506.0	417.8	88	407.3
Jun 2007	954	16.0	1113.48	12734	-229	460.52	1742.0	388.5	100	407.4
Jul 2007	926	15.1	1111.40	12537	-197	458.87	1742.0	380.3	100	410.5
Aug 2007	739	12.0	1111.74	12569	32	458.50	1721.0	301.2	100	407.5
Sep 2007	671	11.3	1110.87	12487	-82	459.70	1721.0	271.6	100	404.8
WY 2007	9374							3838.5		
Oct 2007	404	6.6	1112.72	12662	175	464.51	1376.8	161.0	80	398.8
Nov 2007	597	10.0	1112.71	12660	-1	469.87	1067.0	250.3	62	419.4
Dec 2007	600	9.8	1114.85	12864	203	468.56	1067.0	250.0	62	416.7
Jan 2008	675	11.0	1116.39	13011	147	467.96	1062.6	282.3	61	418.1
Feb 2008	650	11.3	1116.45	13017	6	466.86	1202.0	270.6	69	416.4
Mar 2008	948	15.4	1113.53	12738	-279	464.25	1323.9	400.1	76	422.1
Apr 2008	1056	17.7	1109.24	12335	-403	459.72	1394.0	442.1	81	418.8
May 2008	1018	16.6	1104.77	11922	-413	456.14	1258.0	421.8	74	414.2
Jun 2008	933	15.7	1101.17	11596	-326	449.63	1696.0	377.8	100	405.1
Jul 2008	937	15.2	1099.88	11480	-116	447.70	1696.0	376.9	100	402.1
Aug 2008	808	13.1	1100.80	11563	82	447.67	1675.0	325.9	100	403.5
Sep 2008	689	11.6	1100.19	11508	-55	448.97	1675.0	274.3	100	398.1
WY 2008	9315							3833.3		
Oct 2008	403	6.6	1102.16	11685	177	453.94	1340.0	158.1	80	392.0
Nov 2008	601	10.1	1102.12	11681	-4	459.32	999.4	247.7	62	411.9
Dec 2008	572	9.3	1104.66	11912	231	458.21	999.4	232.4	62	406.1
Jan 2009	685	11.1	1106.18	12052	140	457.79	983.3	281.7	61	411.2
Feb 2009	660	11.9	1106.63	12093	41	456.89	1112.3	271.7	69	411.7
Mar 2009	947	15.4	1104.12	11863	-230	454.68	1225.1	392.2	76	414.2
Apr 2009	1057	17.8	1100.19	11508	-355	450.54	1305.7	434.4	81	411.1
May 2009	1025	16.7	1097.62	11278	-230	448.09	1192.9	418.1	74	407.8

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Davis Dam - Lake Mohave

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Davis Static Head Feet	Davis Generator Capacity MW	Davis Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Jun 2006	1044	17.5	641.95	1670	-20	0.00	255.0	127.5	100	122.2
H	Jul 2006	933	15.2	642.85	1695	24	0.00	255.0	114.5	100	122.8
I	Aug 2006	791	12.9	643.26	1706	11	0.00	255.0	95.7	100	120.9
S	Sep 2006	738	12.4	638.76	1584	-122	0.00	255.0	100.0	100	135.4
	WY 2006	9153							1131.8		
T	Oct 2006	686	11.2	634.29	1467	-117	0.00	207.0	81.7	81	119.2
O	Nov 2006	489	8.2	635.85	1508	40	0.00	186.0	57.1	73	116.6
R	Dec 2006	542	8.8	638.56	1579	71	0.00	184.0	64.5	72	119.0
I	Jan 2007	541	8.8	641.43	1656	77	0.00	184.0	66.9	72	123.7
C	Feb 2007	649	11.7	640.75	1638	-18	0.00	204.0	81.3	80	125.3
A	Mar 2007	895	14.6	642.49	1685	47	0.00	212.0	112.7	83	126.0
L	Apr 2007	1001	16.8	644.58	1742	57	0.00	255.0	125.6	100	125.5
*	May 2007	996	16.2	644.29	1734	-8	0.00	255.0	126.4	100	126.9
	Jun 2007	953	16.0	643.00	1699	-36	136.69	255.0	119.6	100	125.5
	Jul 2007	902	14.7	642.50	1685	-14	135.78	255.0	112.9	100	125.2
	Aug 2007	739	12.0	641.50	1658	-27	134.99	255.0	92.7	100	125.4
	Sep 2007	749	12.6	638.00	1564	-94	132.63	255.0	92.2	100	123.1
	WY 2007	9142							1133.6		
	Oct 2007	592	9.6	630.49	1371	-193	126.83	255.0	70.6	100	119.2
	Nov 2007	494	8.3	634.00	1460	89	124.93	247.4	58.3	97	117.9
	Dec 2007	458	7.5	638.71	1583	123	129.99	221.9	55.9	87	122.0
	Jan 2008	576	9.4	641.80	1666	83	133.72	234.6	71.8	92	124.7
	Feb 2008	637	11.1	641.80	1666	0	135.26	237.2	79.9	93	125.5
	Mar 2008	900	14.6	643.05	1700	34	135.93	237.2	112.4	93	124.9
	Apr 2008	1039	17.5	643.01	1699	-1	136.08	255.0	129.4	100	124.6
	May 2008	1000	16.3	643.01	1699	0	136.05	255.0	124.9	100	124.9
	Jun 2008	940	15.8	642.00	1671	-28	135.52	255.0	117.1	100	124.6
	Jul 2008	928	15.1	641.50	1658	-14	134.73	255.0	115.2	100	124.1
	Aug 2008	786	12.8	641.50	1658	0	134.46	255.0	98.0	100	124.6
	Sep 2008	770	12.9	638.00	1564	-94	132.63	255.0	94.7	100	123.0
	WY 2008	9120							1128.2		
	Oct 2008	591	9.6	630.49	1371	-193	126.83	255.0	70.5	100	119.2
	Nov 2008	499	8.4	634.00	1460	89	124.93	247.4	58.8	97	117.9
	Dec 2008	430	7.0	638.71	1583	123	129.99	221.9	52.6	87	122.2
	Jan 2009	586	9.5	641.80	1666	83	133.72	234.6	73.0	92	124.7
	Feb 2009	647	11.7	641.80	1666	0	135.26	237.2	81.1	93	125.3
	Mar 2009	899	14.6	643.05	1700	34	135.93	237.2	112.2	93	124.9
	Apr 2009	1040	17.5	643.01	1699	-1	136.08	255.0	129.5	100	124.6
	May 2009	1007	16.4	643.01	1699	0	136.05	255.0	125.7	100	124.9

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Parker Dam - Lake Havasu

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Parker Static Head Feet	Parker Generator Capacity MW	Parker Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Jun 2006	730	12.3	447.78	576	14	0.00	120.0	48.5	100	66.4
H	Jul 2006	742	12.1	448.22	584	8	0.00	120.0	49.9	100	67.2
I	Aug 2006	636	10.3	447.98	580	-5	0.00	120.0	41.6	100	65.4
S	Sep 2006	548	9.2	446.67	555	-25	0.00	120.0	37.0	100	67.6
	WY 2006	6695							448.2		
T	Oct 2006	457	7.4	447.85	577	22	0.00	91.0	30.8	76	67.4
O	Nov 2006	363	6.1	447.24	566	-11	0.00	96.0	24.1	80	66.5
R	Dec 2006	334	5.4	448.23	584	19	0.00	107.0	21.8	89	65.2
I	Jan 2007	366	5.9	447.71	575	-10	0.00	97.0	24.7	81	67.6
C	Feb 2007	472	8.5	445.97	542	-32	0.00	108.0	31.4	90	66.6
A	Mar 2007	684	11.1	447.06	562	20	0.00	109.0	45.5	91	66.6
L	Apr 2007	751	12.6	447.53	571	9	0.00	120.0	49.3	100	65.6
*	May 2007	721	11.7	448.56	591	20	0.00	120.0	48.2	100	66.9
	Jun 2007	690	11.6	448.50	590	-1	75.89	120.0	45.8	100	66.4
	Jul 2007	747	12.2	447.80	576	-13	75.52	120.0	49.5	100	66.2
	Aug 2007	617	10.0	447.50	570	-6	75.03	120.0	40.4	100	65.4
	Sep 2007	558	9.4	446.81	557	-13	74.55	120.0	36.3	100	64.9
	WY 2007	6758							447.7		
	Oct 2007	475	7.7	446.31	548	-9	75.98	79.2	31.3	66	66.0
	Nov 2007	369	6.2	446.00	543	-6	75.58	79.2	23.9	66	64.9
	Dec 2007	316	5.1	445.80	539	-4	75.34	79.2	20.2	66	64.0
	Jan 2008	347	5.6	445.80	539	0	74.64	90.0	22.1	75	63.8
	Feb 2008	407	7.1	446.00	543	4	74.74	90.0	26.3	75	64.6
	Mar 2008	691	11.2	446.70	555	13	75.17	90.0	45.7	75	66.1
	Apr 2008	781	13.1	448.71	594	38	75.09	120.0	51.5	100	66.0
	May 2008	728	11.8	448.71	594	0	76.06	120.0	48.5	100	66.6
	Jun 2008	742	12.5	448.71	594	0	76.06	120.0	49.5	100	66.7
	Jul 2008	743	12.1	448.00	580	-14	75.72	120.0	49.3	100	66.3
	Aug 2008	615	10.0	447.50	570	-10	75.13	120.0	40.3	100	65.5
	Sep 2008	558	9.4	446.81	557	-13	74.55	120.0	36.2	100	64.9
	WY 2008	6771							444.8		
	Oct 2008	473	7.7	446.31	548	-9	74.43	109.2	30.5	91	64.5
	Nov 2008	366	6.2	446.00	543	-6	74.04	109.2	23.3	91	63.5
	Dec 2008	313	5.1	445.80	539	-4	73.80	109.2	19.6	91	62.7
	Jan 2009	346	5.6	445.80	539	0	74.64	90.0	22.1	75	63.8
	Feb 2009	405	7.3	446.00	543	4	74.74	90.0	26.2	75	64.7
	Mar 2009	686	11.2	446.70	555	13	75.17	90.0	45.3	75	66.1
	Apr 2009	773	13.0	448.71	594	38	75.09	120.0	51.0	100	66.0
	May 2009	719	11.7	448.71	594	0	76.06	120.0	47.9	100	66.5

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Upper Basin Power

	Glen Canyon 1000 MWHR	Flam Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Res 1000 MWHR	Font Res 1000 MWHR
* Jun 2006	341	29	29	36	21	8
H Jul 2006	351	20	38	43	22	6
I Aug 2006	349	18	38	45	22	6
S Sep 2006	223	19	30	39	20	2
Summer 2006	1263	85	135	162	85	22
T Oct 2006	254	19	20	25	15	4
O Nov 2006	254	19	14	18	10	4
R Dec 2006	338	28	25	31	18	4
I Jan 2007	336	28	25	31	16	4
C Feb 2007	251	25	14	18	4	3
A Mar 2007	249	20	10	12	7	3
Winter 2007	1682	139	109	134	69	22
L Apr 2007	250	18	11	17	11	3
* May 2007	254	52	11	19	15	3
Jun 2007	323	21	18	26	15	4
Jul 2007	324	18	29	35	18	4
Aug 2007	322	18	29	35	18	4
Sep 2007	241	17	25	31	16	4
Summer 2007	1714	145	124	163	92	22
Oct 2007	237	18	18	22	12	4
Nov 2007	237	17	10	13	7	4
Dec 2007	315	20	15	19	10	4
Jan 2008	313	20	18	22	12	4
Feb 2008	233	19	16	21	11	3
Mar 2008	233	20	18	23	13	3
Winter 2008	1567	115	94	121	64	22
Apr 2008	233	20	20	29	16	4
May 2008	236	50	22	36	23	8
Jun 2008	264	93	21	32	22	9
Jul 2008	351	41	34	41	23	10
Aug 2008	372	41	38	45	23	10
Sep 2008	260	39	36	43	22	6
Summer 2008	1716	283	170	226	129	46
Oct 2008	247	41	24	29	15	6
Nov 2008	247	39	15	19	10	6
Dec 2008	328	40	19	24	12	6
Jan 2009	326	40	21	27	14	6
Feb 2009	263	36	16	20	11	5
Mar 2009	263	40	17	23	12	5
Winter 2009	1673	238	111	142	74	33
Apr 2009	263	41	20	29	16	6
May 2009	328	60	21	36	23	7

BUREAU OF RECLAMATION - CRFS 6/2007 MOST PROB WATER SUPPLY JOB STARTED:Thur JUN 7 10:28:34 2007

model_run_id = 1676

F L O O D C O N T R O L C R I T E R I A
B E G I N N I N G O F M O N T H C O N D I T I O N S

MON	YEAR	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	LAKE POWELL KAF	UPPER BASIN TOTAL KAF	LAKE MEAD KAF	TOTAL KAF	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	TOT OR MAX ALLOW KAF	LAKE POWELL KAF	LAKE MEAD KAF	TOTAL KAF	BOM SPACE REQD KAF	MEAD SCHED REL KAF	MEAD FC REL KAF	SYS CONT MAF
		* * * * P R E D I C T E D S P A C E * * * *							* * * * E F F E C T I V E S P A C E * * * *									
JUN	2007	757	165	115	11629	12666	14417	27084	65	55	97	218	11629	14417	26264	1500	954	0	33.8
JUL	2007	708	81	86	11546	12420	14646	27067	4	-34	16	-14	11546	14646	26178	1500	926	0	33.2
									* * * * C R E D I T A B L E S P A C E * * * *									
AUG	2007	719	108	126	11769	12723	14843	27566	719	108	126	954	11769	14843	27566	1500	739	0	32.8
SEP	2007	742	152	158	12123	13176	14811	27986	742	152	158	1052	12123	14811	27986	2270	671	0	32.3
OCT	2007	766	198	176	12309	13448	14893	28341	766	198	176	1140	12309	14893	28341	3040	404	0	32.1
NOV	2007	776	220	188	12444	13629	14718	28347	776	220	188	1184	12444	14718	28347	3810	597	0	32.1
DEC	2007	776	224	192	12545	13737	14720	28456	776	224	192	1192	12545	14720	28456	4580	600	0	32.0
JAN	2008	797	248	202	12875	14122	14516	28638	797	248	202	1247	12875	14516	28638	5350	675	0	31.8
									* * * * E F F E C T I V E S P A C E * * * *									
JAN	2008	797	248	202	12875	14122	14516	28638	496	248	197	941	12875	14516	28332	5350	675	0	31.8
FEB	2008	814	283	212	13222	14532	14369	28901	510	283	207	1001	13222	14369	28592	1500	650	0	31.6
MAR	2008	822	316	210	13383	14731	14363	29094	515	316	204	1035	13383	14363	28781	1500	948	0	31.4
APR	2008	778	342	165	13444	14729	14642	29372	467	342	152	962	13444	14642	29048	1500	1056	0	31.3
MAY	2008	697	339	82	13322	14440	15045	29485	379	339	50	768	13322	15045	29135	1500	1018	0	32.3
JUN	2008	581	217	89	12169	13056	15458	28514	251	217	22	490	12169	15458	28117	1500	932	0	33.9
JUL	2008	453	39	167	10476	11134	15784	26918	109	14	48	170	10476	15784	26430	1500	937	0	34.2
									* * * * C R E D I T A B L E S P A C E * * * *									
AUG	2008	362	27	175	10163	10727	15900	26627	362	27	175	564	10163	15900	26627	1500	808	0	33.9
SEP	2008	392	79	185	10423	11078	15817	26895	392	79	185	655	10423	15817	26895	2270	689	0	33.5
OCT	2008	452	152	187	10490	11281	15872	27154	452	152	187	791	10490	15872	27154	3040	403	0	33.3
NOV	2008	511	190	187	10526	11414	15695	27109	511	190	187	887	10526	15695	27109	3810	601	0	33.3
DEC	2008	570	208	189	10561	11528	15699	27227	570	208	189	967	10561	15699	27227	4580	572	0	33.3
JAN	2009	645	248	196	10829	11918	15468	27386	645	248	196	1089	10829	15468	27386	5350	685	0	33.1
									* * * * E F F E C T I V E S P A C E * * * *									
JAN	2009	645	248	196	10829	11918	15468	27386	274	248	196	719	10829	15468	27015	5350	685	0	33.1
FEB	2009	716	295	205	11116	12333	15328	27661	344	295	205	845	11116	15328	27289	1500	660	0	32.8
MAR	2009	773	327	205	11291	12595	15287	27882	399	327	205	931	11291	15287	27509	1500	947	0	32.6
APR	2009	784	351	158	11351	12644	15517	28161	406	351	153	910	11351	15517	27779	1500	1057	0	32.5
MAY	2009	761	346	69	11222	12399	15872	28270	377	346	45	768	11222	15872	27862	1500	1025	0	33.5

Date: June 7, 2007

From: Water Resources Group, Salt Lake City
All Colorado River Annual Operating Plan (AOP) Recipients

Current Status

	May inflow (unreg) (acre-feet)	Percent of Normal	Midnight June 6 Elevation	Reservoir Storage (acre-feet)
Fontenelle	109,000	55	6484.31	192,000
Flaming Gorge	164,000	54	6024.57	3,144,000
Blue Mesa	189,000	87	7504.57	699,000
Powell	1,578,000	69	3610.27	12,757,500
Navajo	258,000	91	6078.67	1,605,000

Expected Operations

FONTENELLE - Releases from Fontenelle Reservoir are currently 800 cfs and steady while inflows are averaging about 1500 cfs. The reservoir elevation is steadily increasing and is currently about 6484.6 feet above sea level which is 19.4 feet from full pool.

The update for June of the Water Supply forecast for Fontenelle Reservoir (Apr-July inflow volume) decreased from 400,000 acre-feet (47 % of average) to 320,000 acre-feet (37% of average). Releases from Fontenelle Reservoir will likely remain at 800 cfs through the summer months and the reservoir will likely not fill this year. not increase from current levels during the spring runoff. Current projections show that Fontenelle Reservoir will only reach about 6492 feet above sea level by mid July which is 14 feet from full pool.

Open forum discussions on Fontenelle operations take place at the "Fontenelle Reservoir Working Group" meetings. The Working Group is a forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir. The public is encouraged to attend and express their concerns and interests with regard to Fontenelle Reservoir operation. The next Working Group meeting is now scheduled for August 21, 2007 at 10:00 am at the Wyoming Fish and Game Department office in Green River, Wyoming located at 351 Astle Avenue. For more information about the Fontenelle Working Group, contact Ed Vidmar at 801-379-1182.

FLAMING GORGE – Yampa River Flows decreased significantly beginning on May 6th and will likely begin to rebound on or about May 10th. Depending on the magnitude of the forecasted peak flows of the Yampa River near the end of this week (week of May 7th), releases from Flaming Gorge may be increased to match these peak flows. Notice of any increase will be sent as soon as possible via email and will also be posted on the Reclamation website at the following URL:

http://www.usbr.gov/uc/water/crsp/cs/fgd.html

Reclamation has decided to implement an operation to attempt to achieve the spring flow proposal of the Flaming Gorge Technical Working Group. On April 19, 2007 Reclamation met with the Flaming Gorge Working Group and presented the spring flow proposal and accepted comments from the Flaming Gorge Working Group and the general public through April 26, 2007. Reclamation has considered the comments it has received and has decided to implement an operation to achieve the following:

1. A spring peak release from Flaming Gorge will be scheduled to commence when the peak flows of the Yampa River appear to be eminent. The maximum release rate from Flaming Gorge Dam will be limited to powerplant capacity (approximately 4600 cfs).

2. Powerplant capacity releases will be maintained to achieve flows at the Jensen gauge of 8300 cfs for 7 days. If this flow objective is achieved or if it appears that this magnitude will not be possible for 7 days, then releases will be reduced to base flow levels with a ramp down rate not to exceed 350 cfs per day.

3. If, through implementation of steps 1 and 2, flows at the Jensen gauge achieve 12,000 cfs or greater, Reclamation will consider delaying the downramp if powerplant releases can maintain flows in Reach 2 above 12,000 cfs and the Recovery Program and the Fish and Wildlife Service communicate to Reclamation on a daily basis that floodplain connectivity is sufficient for entrainment and larval fish are being detected in the river channel. If this daily communication is not maintained and steps 1 and 2 have been achieved, Reclamation will schedule releases to be reduced to baseflow levels (approximately 1150 cfs) at a ramp rate not to exceed 350 cfs per day.

Releases from Flaming Gorge are currently steady at 800 cfs. The reservoir elevation of Flaming Gorge is currently 6026.03 feet above sea level and rising. Inflows are averaging about 1700 cfs over the past 10 days. The unregulated inflow to Flaming Gorge in April was well off the forecasted volume. The April forecast volume was 110,000 acre-feet. The actual volume of unregulated inflow in April was only 72,000 acre-feet. Temperatures in the basin were warmer than normal.

The May update of the Water Supply forecast (Apr-Jul Unregulated inflow volume) was reduced from 525 KAF (44% of average) to 500 KAF (42% of average). This is moderately dry in terms of hydrologic classification under the Flaming Gorge Record of Decision.

The next Flaming Gorge Working Group meeting is scheduled for August 23, 2007 in Vernal Utah. The meeting will be held at 10:00 a.m. at the Western Park Convention Center located at 302 East 200 South in Vernal Utah. For directions, please call 435-789-7396. The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stake holders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations and plans presented by

Reclamation at these meetings. For more information on this group and these meetings please contact Ed Vidmar at 801-379-1182.

ASPINALL – May unregulated inflow into Blue Mesa Reservoir was 189,000 acre-feet or 87 percent of average. Similar to last year's runoff, the spring melt has come early again. On May 6, 2007 the basin snowpack was 52 percent of average, but as of the beginning of June almost all snow in the basin had melted. Precipitation during May improved to almost normal amounts, the month averaged out to about 105. The current inflow rate into Blue Mesa Reservoir is about 3,700 cfs while reservoir releases are averaging about 600 cfs. For the past few days, reservoir inflows have been on the increase in response to warmer temperatures and local rainfall events. Blue Mesa's present elevation is 7503.77 feet, which corresponds to a storage content of about 693,000 acre-feet.

The latest Water Supply Forecast for Water Year 2007 has been issued and the total April through July unregulated inflow is forecasted to be 465,000 acre-feet (65% of normal), an increase of 20,000 acre-feet from last month's forecast. Based on this forecast, Blue Mesa Reservoir is projected to fill to about elevation 7510.0 feet by the end of June 2007. This is about 9.5 feet short from full, or about 84,000 acre-feet.

Releases from Crystal are currently set at 1225 cfs. The Gunnison Diversion Tunnel started taking water for the new season on April 2, 2007. The current diversion rate into the tunnel is 750 cfs, which results in a river flow below the diversion tunnel of approximately 475 cfs. These rates may change as conditions warrant, primarily as we respond to changes in the river inflows.

The last meeting of the "Aspinall Unit Working Group" was held on April 26, 2007 at Reclamation's Grand Junction Office. This meeting reviewed the winter's reservoir operations, and plans for spring and summer operations. The next meeting will start at 1:00 p.m. on Thursday August 30th in the Elk Creek Visitors Center at Blue Mesa Reservoir. Spring and summer operations will be reviewed and future operations discussed. These meetings are open forum discussions on the Aspinall Unit reservoir operations with many interested groups participating. Anyone needing further information about these meetings should contact Dan Crabtree in the Grand Junction Area Office at (970) 248-0652.

NAVAJO – The Navajo Reservoir Spring Release is over. A modified 2nd SJRIP hydrograph was released; a 23 day hydrograph with 14 days at 5,000 cfs. Also, in anticipation of a potential early spring runoff-which did occur, the peak release was begun earlier than in previous years. Ramp up began on Monday, April 30th, reaching 5,000 cfs on Thursday, May 3rd. Ramp down began on Thursday, May 17th, releases were held at 3,400 cfs for the weekend, and then on Monday May 21 releases continued decreasing until reaching 1,250 cfs on Thursday, May 24th. Peak Reservoir Water Surface elevation was reached on May 2nd at 6079.89 feet. No shortages to water users are anticipated through the rest of the irrigation season.

As a result of higher than normal precipitation during May, including an additional 70,000 acre-feet of unanticipated reservoir inflow, Reclamation has maintained the release rate from Navajo Reservoir of approximately 1,200 cubic feet per second (cfs) until further notice.

The basin snowpack has pretty much melted out for elevations below 10500 feet. The snowpack as of June 7th for the upper San Juan River basin was averaging 37 percent while the Animas River basin snowpack was at 14 percent of average. Unregulated inflow into Navajo Reservoir during the month of May was 258,000 acre-feet, or 91 percent of average. Currently, the daily reservoir inflow is averaging about 4,000 cfs while reservoir releases are set at 1,200 cfs. NIIP diversions are currently set at 650 cfs. The reservoir water surface elevation is currently 6078.67 feet, which corresponds to a storage content of about 1,605,000 acre-feet.

On June 5, 2007, the National Weather Service's River Forecast Center issued an updated inflow forecast for Navajo Reservoir for the April through July runoff period. This forecast is projecting a volume runoff into the reservoir of 590,000 acre-feet, an increase of 110,000 acre-feet from the May 3rd forecast. This represents a 74 percent of normal runoff for the Upper San Juan River Basin.

A public meeting on Navajo Reservoir operations will be held on Tuesday, August 21, 2007 at 1:00 p.m. in Farmington, New Mexico. At this meeting, review of last spring and summer reservoir operations, and plans for this fall and winter 2007/2008 operations will be discussed. These are open forum discussions on the operation of Navajo Reservoir with many interested groups participating. Anyone interested in the general operation of the reservoir is encouraged to attend. Please contact Pat Page in Reclamation's Durango, Colorado Office at (970) 385-6560 for information about these meetings or the daily operation of Navajo Reservoir.

Glen Canyon Dam Operations

Releases from Glen Canyon Dam in June 2007 will average 13,400 cubic feet per second (cfs) with a total of 800,000 acre-feet scheduled to be released for the month. On Mondays through Fridays in June, daily release fluctuations due to load following will likely vary between a low of 9,000 cfs (during late evening and early morning off-peak hours) to a high of 17,000 cfs (during daylight and early evening on-peak hours). On Saturdays, release fluctuations will likely vary between a low of 9,000 cfs to a high of 15,500 cfs. On Sundays, release fluctuations will likely vary between a low of 9,000 cfs to a high of 15,000 cfs.

Releases from Glen Canyon Dam in July and August 2007 will be similar to June. A total of 804,000 acre-feet is scheduled to be released in July and August of 2007, which is an average flow of 13,100 cfs.

Upper Colorado River Basin Hydrology

Projections for April through July runoff to Lake Powell in 2007 remain low. The water supply picture in the Colorado River Basin neither improved nor weakened in May. The May final unregulated inflow forecast for April through July runoff into Lake Powell is 4.0 million acre-feet. This is only 50 percent of average.

May was a month with periods of much above average temperatures with higher than expected inflow. Unregulated inflow to Lake Powell in May 2007 was 1,578,000 acre-feet (69 percent of average). The peak snowmelt-runoff inflow to Lake Powell for 2007 occurred on May 23, 2007 when inflow reached 31,600 cfs. The water surface elevation of Lake Powell increased by 9.3 feet in May 2007.

While inflow was higher than projected in May, the projection for inflow to Lake Powell in June is not so bright. There is very little snowpack remaining in the Upper Colorado River Basin and inflow to Lake Powell in June is projected to be only about 35 percent of average.

Reservoir storage is currently 12.74 million acre-feet, or 52 percent of capacity. The current elevation of Lake Powell (June 6, 2007) is 3,610.1 feet, 89.9 feet from full pool elevation of 3,700 feet. The elevation is now likely near the peak for the year. The elevation of Lake Powell is likely to increase until mid-June and then begin to decline. The projected elevation of Lake Powell on July 1, 2007 is 3,610.4 feet.

Upper Colorado River Basin Drought

The Upper Colorado River Basin is experiencing a protracted multi-year drought. Since 1999, inflow to Lake Powell has been below average in every year except one.

In the summer of 1999, Lake Powell was essentially full with reservoir storage at 23.5 million acre-feet, or 97 percent of capacity. Inflow to Lake Powell in 1999 was 109 percent of average. The manifestation of drought conditions in the Upper Colorado River Basin began in the fall months of 1999. A five year period of extreme drought occurred in water years 2000, 2001, 2002, 2003, and 2004 with unregulated inflow to Lake Powell only 62, 59, 25, 51, and 49 percent of average, respectively. Lake Powell storage decreased through this five-year period, with reservoir storage reaching a low of 8.0 million acre-feet (33 percent of capacity) on April 8, 2005.

Drought conditions eased in water year 2005 in the Upper Colorado River Basin. Precipitation was above average in 2005 and unregulated inflow to Lake Powell was 105 percent of average. Lake Powell increased by 2.77 million acre-feet (31 feet in elevation) during water year 2005. But as is often the case, one favorable year does not necessarily end a protracted drought. In 2006, there was a return to

drier conditions in the Colorado River Basin. Unregulated inflow to Lake Powell in water year 2006 was only 73 percent of average.

Water year 2007 will be another year of below average inflow. The current projection for spring runoff into Lake Powell is only 50 percent of average. Projected inflow to Lake Powell for the entire 2007 water year is 68 percent of average. With 2007 projected to be a below average inflow year, one sees that over the past 8 years (2000 through 2007, inclusive) inflow to Lake Powell will have been below average in all but one year (2005).

Reservoir storage in Lake Powell and Lake Mead has decreased over the past 8 years. Reservoir storage in Lake Powell and Lake Mead is currently 52 and 50 percent of capacity, respectively.

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-280
125 SOUTH STATE STREET, ROOM 6107
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-5571

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RUNOFF PROJECTIONS AND INFLOW INFORMATION TINO UPPER BASIN RESERVOIR PROVIDED BY THE COLORADO RIVER FORECASTING SERVICE THROUGHT HE NATIONAL WEATHER SERVICES'S COLORADO BASIN RIVER FORECAST CENTER ARE AS FOLLOWS

:	Obs			apr	Forecast		Outlook		
:	feb	mar	apr	may	%Avg	jun	jul	aug	apr-jul	%Avg
GLDA3:Lake Powell	404	796	802	1578	69%:	1100/	520/	350/	4000/:	50%
GBRW4:Fontenelle	26	62	49	109	55%:	112/	50/	35/	320/:	37%
GRNU1:Flaming Gorge	45	119	73	164	54%:	120/	53/	40/	410/:	34%
BMDC2:Blue Mesa	26	55	67	189	87%:	149/	60/	40/	465/:	65%
MPSC2:Morrow Point	24	58	73	202	83%:	158/	62/	42/	495/:	63%
CLSC2:Crystal	27	67	84	228	79%:	175/	68/	48/	555/:	61%
TPIC2:Taylor Park	3.5	6.4	8.0	27	98%:	24/	9/	6/	68/:	66%
VCRC2:Vallecito	5.5	14.5	22	68	101%:	51/	19/	15/	160/:	78%
NVRN5:Navajo	31	126	121	258	91%:	169/	42/	34/	590/:	74%
LEMC2:Lemon	0.95	3.3	5.6	18.1	91%:	13.7/	3.6/	2.8/	41/:	71%
MPHC2:McPhee	4.6	36	46	98	75%:	38/	9/	9/	191/:	60%
RBSC2:Ridgway	4.0	8.7	9.9	27	117%:	/	/	/	85/:	83%
PRSC2:Paonia	2.3	13.0	22	27	56%:	/	/	/	68/:	68%

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T E M R E S E R V O I R S

Bureau of Reclamation - CRFS 6/2007 Most Prob Water Supply 07-jun-2007 10:23:04

Fontenelle Reservoir

		Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Jun 2006	217	2	100	91	191	6498.17	285
H	Jul 2006	86	3	68	0	68	6500.17	300
I	Aug 2006	35	2	68	1	69	6495.25	264
S	Sep 2006	29	2	23	28	51	6491.84	240
	WY 2006	895	17	683	200	883		
T	Oct 2006	41	1	54	1	55	6489.68	226
O	Nov 2006	40	1	54	0	54	6487.35	210
R	Dec 2006	29	1	57	0	57	6482.67	182
I	Jan 2007	26	1	56	0	56	6477.07	152
C	Feb 2007	26	0	50	0	50	6471.76	127
A	Mar 2007	62	0	56	0	56	6473.15	133
L	Apr 2007	49	1	51	0	51	6472.62	131
*	May 2007	109	1	49	0	49	6483.80	189
	Jun 2007	112	2	48	0	48	6493.34	251
	Jul 2007	50	2	49	0	49	6493.11	249
	Aug 2007	35	2	49	0	49	6490.75	233
	Sep 2007	30	2	48	0	48	6487.77	214
	WY 2007	609	14	621	1	622		
	Oct 2007	39	1	49	0	49	6486.07	203
	Nov 2007	41	1	48	0	48	6484.89	195
	Dec 2007	32	1	49	0	49	6481.89	177
	Jan 2008	30	1	49	0	49	6478.18	157
	Feb 2008	28	0	46	0	46	6474.42	139
	Mar 2008	51	0	49	0	49	6474.75	140
	Apr 2008	89	1	57	0	57	6480.92	172
	May 2008	176	2	104	1	105	6491.99	241
	Jun 2008	308	2	103	136	239	6501.17	308
	Jul 2008	186	3	100	46	146	6505.96	345
	Aug 2008	83	2	99	5	104	6502.97	322
	Sep 2008	49	2	59	9	68	6500.16	300
	WY 2008	1112	16	812	197	1009		
	Oct 2008	49	1	71	0	71	6497.00	277
	Nov 2008	41	1	68	0	68	6493.02	248
	Dec 2008	32	1	71	0	71	6487.07	209
	Jan 2009	30	1	71	0	71	6480.11	167
	Feb 2009	27	0	64	0	64	6472.52	130
	Mar 2009	51	0	73	0	73	6467.33	108
	Apr 2009	89	1	89	0	89	6467.07	107
	May 2009	176	1	98	10	108	6481.27	174

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T E M R E S E R V O I R S

Bureau of Reclamation - CRFS 6/2007 Most Prob Water Supply 07-jun-2007 10:23:04

Flaming Gorge Reservoir

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Yampa Flow 1000 Ac-Ft	Jensen Flow 1000 Ac-Ft
*	Jun 2006	239	214	10	78	0	78	88	6024.17	3130	258	393
H	Jul 2006	90	71	13	54	0	54	88	6024.29	3134	40	104
I	Aug 2006	32	65	12	50	0	50	88	6024.35	3136	12	65
S	Sep 2006	31	54	10	50	0	50	88	6024.19	3130	22	77
	WY 2006	1041	1031	77	999	3	1002					2585
T	Oct 2006	50	64	7	50	0	50	88	6024.37	3137	0	114
O	Nov 2006	43	57	4	48	0	48	89	6024.50	3142	0	100
R	Dec 2006	29	58	2	76	0	76	88	6023.99	3123	0	110
I	Jan 2007	33	63	2	75	0	75	87	6023.61	3109	0	592
C	Feb 2007	45	69	2	66	0	66	87	6023.65	3111	0	392
A	Mar 2007	119	113	3	51	0	51	90	6025.19	3167	0	221
L	Apr 2007	73	75	5	50	0	50	90	6025.71	3187	0	263
*	May 2007	164	106	8	138	0	138	89	6024.67	3148	0	526
	Jun 2007	120	56	10	59	0	59	88	6024.33	3135	0	59
	Jul 2007	53	52	13	49	0	49	88	6024.06	3126	0	49
	Aug 2007	40	54	12	49	0	49	88	6023.87	3119	0	49
	Sep 2007	36	53	11	48	0	48	88	6023.74	3114	0	48
	WY 2007	805	820	79	759	0	759					2523
	Oct 2007	48	58	7	49	0	49	88	6023.78	3115	0	49
	Nov 2007	51	58	3	48	0	48	88	6023.97	3122	0	48
	Dec 2007	37	54	2	55	0	55	88	6023.89	3119	0	55
	Jan 2008	41	60	2	55	0	55	88	6023.98	3123	0	55
	Feb 2008	47	65	2	52	0	52	88	6024.27	3133	0	52
	Mar 2008	103	101	3	55	0	55	90	6025.40	3175	0	55
	Apr 2008	142	110	5	54	0	54	91	6026.74	3225	0	54
	May 2008	263	192	8	136	0	136	93	6027.98	3272	0	136
	Jun 2008	400	331	10	254	3	257	95	6029.59	3333	0	257
	Jul 2008	219	179	14	111	0	111	97	6030.96	3386	0	111
	Aug 2008	97	118	13	111	0	111	96	6030.82	3381	0	111
	Sep 2008	58	78	11	107	0	107	95	6029.81	3342	0	107
	WY 2008	1506	1404	80	1087	3	1090					1090
	Oct 2008	59	81	7	111	0	111	94	6028.89	3306	0	111
	Nov 2008	51	79	3	107	0	107	93	6028.08	3275	0	107
	Dec 2008	37	76	2	111	0	111	92	6027.13	3240	0	111
	Jan 2009	41	82	2	111	0	111	91	6026.35	3210	0	111
	Feb 2009	45	82	2	100	0	100	90	6025.83	3191	0	100
	Mar 2009	103	125	3	111	0	111	91	6026.12	3202	0	111
	Apr 2009	142	143	5	113	0	113	91	6026.76	3226	0	113
	May 2009	263	195	8	163	0	163	92	6027.39	3249	0	163

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Taylor Park Reservoir

		Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Jun 2006	24	18	9324.06	95
H	Jul 2006	12	18	9320.55	88
I	Aug 2006	9	18	9315.25	79
S	Sep 2006	8	14	9311.30	72
	WY 2006	119	116		
T	Oct 2006	10	5	9314.16	77
O	Nov 2006	6	4	9315.22	79
R	Dec 2006	5	5	9315.38	79
I	Jan 2007	4	5	9315.07	78
C	Feb 2007	3	4	9314.65	78
A	Mar 2007	6	5	9315.67	79
L	Apr 2007	8	5	9317.64	83
*	May 2007	27	11	9325.94	98
	Jun 2007	24	20	9327.76	102
	Jul 2007	10	18	9323.72	94
	Aug 2007	7	18	9317.45	82
	Sep 2007	5	16	9311.13	72
	WY 2007	115	116		
	Oct 2007	5	12	9306.90	65
	Nov 2007	5	5	9306.82	65
	Dec 2007	4	5	9306.45	64
	Jan 2008	4	5	9305.90	64
	Feb 2008	4	5	9305.13	62
	Mar 2008	4	5	9304.62	62
	Apr 2008	8	8	9304.84	62
	May 2008	27	12	9314.44	77
	Jun 2008	43	20	9326.93	100
	Jul 2008	20	20	9327.14	100
	Aug 2008	10	20	9321.94	91
	Sep 2008	7	16	9316.94	81
	WY 2008	141	133		
	Oct 2008	6	12	9313.48	76
	Nov 2008	5	6	9312.80	74
	Dec 2008	4	5	9312.46	74
	Jan 2009	4	5	9311.96	73
	Feb 2009	4	5	9311.28	72
	Mar 2009	4	5	9310.81	71
	Apr 2009	8	11	9309.13	69
	May 2009	27	18	9314.75	78

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Blue Mesa Reservoir

	Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir elevation EOM Feet	Live Storage 1000 Ac-Ft
* Jun 2006	155	149	1	91	0	91	7517.05	808
H Jul 2006	76	83	2	117	0	117	7513.07	773
I Aug 2006	60	69	1	121	0	121	7506.88	719
S Sep 2006	41	48	1	99	0	99	7500.66	667
WY 2006	828	828	8	740	0	740		
T Oct 2006	70	65	1	74	0	74	7499.52	657
O Nov 2006	42	40	0	52	0	52	7498.10	646
R Dec 2006	35	35	0	93	0	93	7490.78	587
I Jan 2007	30	31	0	93	0	93	7482.56	525
C Feb 2007	26	27	0	54	0	54	7478.89	498
A Mar 2007	55	54	0	38	0	38	7481.01	513
L Apr 2007	67	64	1	43	0	43	7483.72	533
* May 2007	189	174	1	41	0	41	7500.42	665
Jun 2007	149	145	1	60	0	60	7510.34	749
Jul 2007	60	68	2	94	0	94	7507.13	721
Aug 2007	40	51	1	94	0	94	7501.95	677
Sep 2007	28	38	1	84	0	84	7496.33	631
WY 2007	791	792	8	820	0	820		
Oct 2007	31	38	1	59	0	59	7493.59	610
Nov 2007	31	31	0	34	0	34	7493.13	606
Dec 2007	25	26	0	50	0	50	7490.00	581
Jan 2008	24	25	0	60	0	60	7485.40	546
Feb 2008	23	24	0	56	0	56	7481.05	514
Mar 2008	34	35	0	61	0	61	7477.40	487
Apr 2008	73	73	1	69	0	69	7477.81	490
May 2008	212	197	1	74	0	74	7493.90	612
Jun 2008	271	248	1	68	0	68	7515.10	791
Jul 2008	121	120	2	107	0	107	7516.40	802
Aug 2008	62	72	1	122	0	122	7510.58	751
Sep 2008	36	45	1	118	0	118	7501.91	677
WY 2008	943	934	8	878	0	878		
Oct 2008	35	41	1	78	0	78	7497.33	640
Nov 2008	31	32	0	50	0	50	7495.03	621
Dec 2008	25	26	0	65	0	65	7490.00	581
Jan 2009	24	25	0	72	0	72	7483.80	534
Feb 2009	22	23	0	54	0	54	7479.56	503
Mar 2009	34	35	0	59	0	59	7476.16	478
Apr 2009	73	76	1	70	0	70	7476.90	484
May 2009	212	203	1	74	0	74	7493.90	612

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Morrow Point Reservoir

		Unreg Inflow 1000 Ac-Ft	Blue_Mesa Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Evap losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Jun 2006	166	91	11	102	0	101	0	101	7153.49	112
H	Jul 2006	79	117	3	120	0	119	0	119	7154.36	113
I	Aug 2006	62	121	3	124	0	123	0	123	7156.04	114
S	Sep 2006	43	99	2	101	0	107	0	107	7145.25	105
	WY 2006	893	740	66	805	0	809	0	809		
T	Oct 2006	69	74	-1	73	0	71	0	71	7148.31	108
O	Nov 2006	41	52	-1	50	0	52	0	52	7146.13	106
R	Dec 2006	31	93	-4	89	0	88	0	88	7146.46	106
I	Jan 2007	25	93	-5	88	0	88	0	88	7145.92	106
C	Feb 2007	24	54	-2	51	0	51	0	51	7145.91	106
A	Mar 2007	58	38	3	41	0	34	0	34	7154.36	113
L	Apr 2007	73	43	6	49	0	50	0	50	7153.49	112
*	May 2007	202	41	13	54	0	53	0	53	7154.94	113
	Jun 2007	161	60	12	72	0	73	0	73	7153.73	112
	Jul 2007	63	94	3	97	0	97	0	97	7153.73	112
	Aug 2007	42	94	2	96	0	96	0	96	7153.73	112
	Sep 2007	30	84	2	86	0	86	0	86	7153.73	112
	WY 2007	819	820	28	846	0	839	0	839		
	Oct 2007	33	59	2	61	0	61	0	61	7153.73	112
	Nov 2007	33	34	2	36	0	36	0	36	7153.73	112
	Dec 2007	27	50	2	52	0	52	0	52	7153.73	112
	Jan 2008	26	60	2	62	0	62	0	62	7153.73	112
	Feb 2008	26	56	3	59	0	59	0	59	7153.73	112
	Mar 2008	38	61	4	65	0	65	0	65	7153.73	112
	Apr 2008	84	69	11	80	0	80	0	80	7153.73	112
	May 2008	237	74	25	99	0	99	0	99	7153.73	112
	Jun 2008	292	68	21	89	0	89	0	89	7153.73	112
	Jul 2008	127	107	7	114	0	114	0	114	7153.73	112
	Aug 2008	65	122	4	126	0	126	0	126	7153.73	112
	Sep 2008	39	118	3	121	0	121	0	121	7153.73	112
	WY 2008	1027	878	86	964	0	964	0	964		
	Oct 2008	38	78	3	81	0	81	0	81	7153.73	112
	Nov 2008	33	50	2	52	0	52	0	52	7153.73	112
	Dec 2008	27	65	2	67	0	67	0	67	7153.73	112
	Jan 2009	26	72	2	74	0	74	0	74	7153.73	112
	Feb 2009	25	54	3	57	0	57	0	57	7153.73	112
	Mar 2009	38	59	4	63	0	63	0	63	7153.73	112
	Apr 2009	84	70	11	81	0	81	0	81	7153.73	112
	May 2009	237	74	25	99	0	99	0	99	7153.73	112

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Crystal Reservoir

		unreg Inflow 1000 Ac-Ft	Morrow Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Tunnel Flow 1000 Ac-Ft	Below_tunnel Flow 1000 Ac-Ft
*	Jun 2006	183	101	17	118	116	2	118	6745.00	15	65	60
H	Jul 2006	86	119	7	126	126	0	126	6745.30	15	63	72
I	Aug 2006	69	123	6	129	129	0	129	6744.74	15	62	79
S	Sep 2006	47	107	4	114	112	1	113	6746.01	15	53	68
	WY 2006	993	809	98	909	859	50	909			384	559
T	Oct 2006	76	71	7	77	77	0	77	6746.08	15	40	39
O	Nov 2006	46	52	5	57	58	0	58	6740.90	14	0	58
R	Dec 2006	35	88	4	93	93	0	93	6738.89	13	0	99
I	Jan 2007	29	88	4	92	85	8	93	6737.51	13	1	101
C	Feb 2007	27	51	3	55	25	29	54	6739.24	13	2	57
A	Mar 2007	67	34	8	43	42	0	42	6739.82	13	1	43
L	Apr 2007	84	50	11	61	57	0	57	6751.74	17	28	29
*	May 2007	228	53	25	78	78	0	78	6751.27	16	49	29
	Jun 2007	175	73	14	87	86	0	86	6753.04	17	60	26
	Jul 2007	68	97	5	102	102	0	102	6753.04	17	65	37
	Aug 2007	48	96	6	102	102	0	102	6753.04	17	65	37
	Sep 2007	35	86	5	91	91	0	91	6753.04	17	55	36
	WY 2007	918	839	97	938	896	37	933			366	591
	Oct 2007	39	61	6	67	67	0	67	6753.04	17	30	37
	Nov 2007	38	36	5	42	42	0	42	6753.04	17	0	42
	Dec 2007	32	52	5	57	57	0	57	6753.04	17	0	57
	Jan 2008	31	62	5	67	67	0	67	6753.04	17	0	67
	Feb 2008	30	59	4	63	63	0	63	6753.04	17	0	63
	Mar 2008	46	65	7	72	72	0	72	6753.04	17	5	67
	Apr 2008	96	80	12	92	92	0	92	6753.04	17	30	62
	May 2008	272	99	35	134	134	0	134	6753.04	17	55	79
	Jun 2008	330	89	38	127	127	0	127	6753.04	17	60	67
	Jul 2008	144	114	17	131	131	0	131	6753.04	17	65	66
	Aug 2008	74	126	8	134	134	0	134	6753.04	17	65	69
	Sep 2008	45	121	6	127	127	0	127	6753.04	17	55	72
	WY 2008	1177	964	148	1113	1113	0	1113			365	748
	Oct 2008	44	81	7	87	87	0	87	6753.04	17	30	57
	Nov 2008	38	52	5	57	57	0	57	6753.04	17	0	57
	Dec 2008	32	67	5	72	72	0	72	6753.04	17	0	72
	Jan 2009	31	74	5	79	79	0	79	6753.04	17	0	79
	Feb 2009	29	57	4	61	61	0	61	6753.04	17	0	61
	Mar 2009	46	63	7	70	70	0	70	6753.04	17	5	65
	Apr 2009	96	81	12	93	93	0	93	6753.04	17	30	63
	May 2009	272	99	35	134	134	0	134	6753.04	17	55	79

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Vallecito Reservoir

		Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Jun 2006	28	41	7658.79	109
H	Jul 2006	20	37	7651.91	92
I	Aug 2006	28	33	7649.90	87
S	Sep 2006	24	26	7648.87	84
	WY 2006	247	238		
T	Oct 2006	54	42	7653.51	96
O	Nov 2006	15	34	7645.48	76
R	Dec 2006	8	8	7645.38	76
I	Jan 2007	7	6	7645.38	76
C	Feb 2007	5	5	7645.51	76
A	Mar 2007	14	5	7649.56	86
L	Apr 2007	22	5	7656.47	103
*	May 2007	68	45	7664.82	125
	Jun 2007	51	66	7658.95	109
	Jul 2007	19	43	7649.09	85
	Aug 2007	15	43	7636.17	56
	Sep 2007	15	35	7624.64	36
	WY 2007	293	337		
	Oct 2007	12	19	7619.67	29
	Nov 2007	8	4	7622.63	33
	Dec 2007	6	4	7623.92	35
	Jan 2008	5	4	7624.65	36
	Feb 2008	5	4	7625.10	37
	Mar 2008	8	4	7627.52	40
	Apr 2008	22	4	7637.10	58
	May 2008	69	50	7645.88	77
	Jun 2008	78	62	7652.14	92
	Jul 2008	31	43	7646.83	79
	Aug 2008	19	43	7635.61	55
	Sep 2008	17	30	7628.53	42
	WY 2008	280	271		
	Oct 2008	13	15	7627.20	40
	Nov 2008	8	4	7629.61	44
	Dec 2008	6	6	7629.56	44
	Jan 2009	5	5	7629.62	44
	Feb 2009	5	5	7629.46	44
	Mar 2009	8	5	7631.09	47
	Apr 2009	22	10	7637.21	58
	May 2009	69	45	7648.12	83

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Navajo Reservoir

		Mod_Unreg Inflow 1000 Ac-Ft	Azetea Tunnel_Div 1000 Ac-Ft	Reg Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	NIIP Diversion 1000 ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Farm Flow 1000 Ac-Ft
*	Jun 2006	54	8	58	5	43	126	6069.04	1467	196
H	Jul 2006	35	4	48	5	37	47	6066.07	1427	63
I	Aug 2006	67	5	67	4	35	38	6065.35	1417	62
S	Sep 2006	58	6	54	3	15	34	6065.53	1420	57
	WY 2006	689	72	605	32	189	484			881
T	Oct 2006	167	13	141	2	7	29	6073.01	1523	128
O	Nov 2006	42	0	62	1	0	27	6075.33	1556	47
R	Dec 2006	27	0	27	1	1	26	6075.31	1556	50
I	Jan 2007	22	0	21	1	1	29	6074.67	1546	46
C	Feb 2007	31	0	31	1	1	29	6074.65	1546	53
A	Mar 2007	126	13	104	2	5	41	6078.51	1603	76
L	Apr 2007	121	18	87	3	20	44	6079.81	1622	90
*	May 2007	258	34	200	4	25	212	6077.03	1581	257
	Jun 2007	169	28	156	5	47	74	6078.99	1610	74
	Jul 2007	42	4	62	5	51	46	6076.28	1570	46
	Aug 2007	34	1	61	4	43	46	6074.06	1538	46
	Sep 2007	36	1	55	3	25	45	6072.85	1520	45
	WY 2007	1075	112	1007	32	226	648			958
	Oct 2007	35	0	42	2	7	46	6071.94	1508	46
	Nov 2007	33	0	29	1	0	32	6071.65	1504	32
	Dec 2007	24	0	22	1	0	31	6070.99	1494	31
	Jan 2008	22	0	21	1	0	31	6070.22	1484	31
	Feb 2008	31	0	31	1	0	28	6070.36	1486	28
	Mar 2008	88	2	82	2	4	31	6073.61	1531	31
	Apr 2008	174	19	136	3	17	34	6079.28	1614	34
	May 2008	279	31	228	4	31	200	6078.82	1607	200
	Jun 2008	246	45	186	5	47	212	6073.46	1529	212
	Jul 2008	74	7	79	5	51	31	6072.92	1521	31
	Aug 2008	43	0	67	4	42	31	6072.20	1511	31
	Sep 2008	42	0	55	3	24	30	6072.06	1509	30
	WY 2008	1091	104	978	32	223	737			737
	Oct 2008	38	0	40	2	7	31	6072.06	1509	31
	Nov 2008	33	0	29	1	0	30	6071.90	1507	30
	Dec 2008	24	0	24	1	0	31	6071.38	1500	31
	Jan 2009	22	0	22	1	0	30	6070.76	1491	30
	Feb 2009	30	0	30	1	0	30	6070.75	1491	30
	Mar 2009	88	2	83	2	4	31	6074.06	1538	31
	Apr 2009	174	19	142	3	17	34	6080.11	1627	34
	May 2009	279	31	223	4	31	200	6079.31	1615	200

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Lake Powell

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	PowerPlant Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Bank Storage 1000 Ac-Ft	EOM Storage 1000 Ac-Ft	Lees Ferry 1000 Ac-Ft
*	Jun 2006	1617	1469	42	801	0	801	3610.35	18639	12766	826
H	Jul 2006	575	623	44	829	0	829	3606.85	18739	12416	860
I	Aug 2006	422	503	49	827	0	827	3602.78	18765	12017	863
S	Sep 2006	412	501	46	536	0	536	3601.74	18784	11917	561
	WY 2006	8607	8549	336	8228	0	8228				8491
T	Oct 2006	1018	922	27	606	0	606	3607.96	18463	12526	635
O	Nov 2006	558	536	24	603	0	603	3606.85	18483	12416	628
R	Dec 2006	402	502	21	801	0	801	3603.39	18502	12076	834
I	Jan 2007	315	426	13	800	0	800	3599.51	18487	11703	833
C	Feb 2007	404	462	15	604	0	604	3597.91	18481	11552	625
A	Mar 2007	795	680	13	602	0	602	3598.81	18461	11637	611
L	Apr 2007	802	701	20	600	0	600	3600.35	18394	11784	607
*	May 2007	1577	1441	29	601	0	601	3609.61	18297	12691	602
	Jun 2007	1100	931	41	800	0	800	3610.44	18304	12774	800
	Jul 2007	520	609	47	804	0	804	3608.21	18286	12551	804
	Aug 2007	350	469	47	804	0	804	3604.62	18258	12197	804
	Sep 2007	342	445	40	605	0	605	3602.72	18243	12011	605
	WY 2007	8183	8124	337	8230	0	8230				8388
	Oct 2007	442	490	36	600	0	600	3601.31	18232	11876	600
	Nov 2007	523	522	30	600	0	600	3600.27	18224	11775	600
	Dec 2007	418	468	25	800	0	800	3596.77	18198	11445	800
	Jan 2008	384	444	18	800	0	800	3593.04	18170	11098	800
	Feb 2008	409	443	17	600	0	600	3591.28	18157	10937	600
	Mar 2008	628	555	21	600	0	600	3590.61	18152	10876	600
	Apr 2008	952	756	24	600	0	600	3591.95	18162	10998	600
	May 2008	2161	1879	34	600	0	600	3604.15	18254	12151	600
	Jun 2008	2808	2521	42	650	0	650	3620.76	18390	13844	650
	Jul 2008	1345	1238	50	850	0	850	3623.68	18415	14157	850
	Aug 2008	566	671	51	900	0	900	3621.26	18394	13897	900
	Sep 2008	459	602	44	630	0	630	3620.63	18388	13830	630
	WY 2008	11095	10589	392	8230	0	8230				8230
	Oct 2008	506	601	40	600	0	600	3620.29	18386	13794	600
	Nov 2008	523	595	33	600	0	600	3619.96	18383	13759	600
	Dec 2008	418	538	27	800	0	800	3617.41	18361	13491	800
	Jan 2009	384	510	21	800	0	800	3614.64	18338	13204	800
	Feb 2009	395	481	19	650	0	650	3612.95	18324	13029	650
	Mar 2009	628	609	24	650	0	650	3612.35	18320	12969	650
	Apr 2009	952	816	27	650	0	650	3613.62	18330	13098	650
	May 2009	2161	1906	38	800	0	800	3623.03	18409	14086	800

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Hoover Dam - Lake Mead

		Glen Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	SNWP Use 1000 Ac-Ft	Dwnstrm Reqmnts 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
*	Jun 2006	801	20	65	1036	17.4	32	1034	922	1128.26	14178
H	Jul 2006	829	56	80	967	15.7	34	962	910	1126.42	13993
I	Aug 2006	827	124	85	818	13.3	35	812	910	1126.54	14005
S	Sep 2006	536	69	70	633	10.6	28	628	903	1125.36	13887
	WY 2006	8228	702	668	9395		287	9343			
T	Oct 2006	606	117	51	564	9.2	26	554	908	1126.13	13964
O	Nov 2006	603	47	51	525	8.8	20	523	911	1126.63	14014
R	Dec 2006	801	39	44	621	10.1	15	617	921	1128.12	14164
I	Jan 2007	800	42	36	639	10.4	13	637	930	1129.55	14309
C	Feb 2007	604	67	33	647	11.6	12	646	929	1129.35	14288
A	Mar 2007	602	45	37	970	15.8	21	969	905	1125.79	13930
L	Apr 2007	600	24	45	1093	18.4	22	1092	873	1120.69	13426
*	May 2007	601	13	51	1026	16.7	30	1025	843	1115.89	12963
	Jun 2007	800	4	61	954	16.0	34	954	828	1113.48	12734
	Jul 2007	804	21	76	926	15.1	33	926	815	1111.40	12537
	Aug 2007	804	80	80	739	12.0	30	739	817	1111.74	12569
	Sep 2007	605	78	66	671	11.3	33	671	812	1110.87	12487
	WY 2007	8230	577	631	9375		289	9353			
	Oct 2007	600	69	48	404	6.6	31	404	823	1112.72	12662
	Nov 2007	600	67	48	597	10.0	24	597	823	1112.71	12660
	Dec 2007	800	70	42	600	9.8	12	600	836	1114.85	12864
	Jan 2008	800	80	34	675	11.0	13	675	846	1116.39	13011
	Feb 2008	600	101	32	650	11.3	13	650	846	1116.45	13017
	Mar 2008	600	103	35	948	15.4	17	948	828	1113.53	12738
	Apr 2008	600	93	43	1056	17.7	23	1056	802	1109.24	12335
	May 2008	600	63	49	1018	16.6	35	1018	775	1104.77	11922
	Jun 2008	650	27	58	933	15.7	34	932	754	1101.17	11596
	Jul 2008	850	69	72	937	15.2	33	937	746	1099.88	11480
	Aug 2008	900	102	76	808	13.1	30	808	752	1100.80	11563
	Sep 2008	630	97	63	689	11.6	33	689	748	1100.19	11508
	WY 2008	8230	941	600	9315		298	9314			
	Oct 2008	600	69	46	403	6.6	31	403	760	1102.16	11685
	Nov 2008	600	67	46	601	10.1	24	601	759	1102.12	11681
	Dec 2008	800	70	40	572	9.3	12	572	774	1104.66	11912
	Jan 2009	800	80	33	685	11.1	13	685	783	1106.18	12052
	Feb 2009	650	97	30	660	11.9	13	660	786	1106.63	12093
	Mar 2009	650	103	34	947	15.4	17	947	771	1104.12	11863
	Apr 2009	650	93	42	1057	17.8	23	1057	748	1100.19	11508
	May 2009	800	63	47	1025	16.7	35	1025	733	1097.62	11278

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Davis Dam - Lake Mohave

		Hoover Release 1000 Ac-Ft	Side inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Spill Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
*	Jun 2006	1036	-11	1044	0	1044	17.5	641.95	1670
H	Jul 2006	967	-9	933	0	933	15.2	642.85	1695
I	Aug 2006	818	-15	791	0	791	12.9	643.26	1706
S	Sep 2006	633	-16	738	0	738	12.4	638.76	1584
	WY 2006	9395	-224	9152	0	9152			
T	Oct 2006	564	5	686	0	686	11.2	634.29	1467
O	Nov 2006	525	5	489	0	489	8.2	635.85	1508
R	Dec 2006	621	-7	542	0	542	8.8	638.56	1579
I	Jan 2007	639	-20	541	0	541	8.8	641.43	1656
C	Feb 2007	647	-16	649	0	649	11.7	640.75	1638
A	Mar 2007	970	-28	895	0	895	14.6	642.49	1685
L	Apr 2007	1093	-34	1001	0	1001	16.8	644.58	1742
*	May 2007	1026	-37	996	0	996	16.2	644.29	1734
	Jun 2007	954	-36	953	0	953	16.0	643.00	1699
	Jul 2007	926	-38	902	0	902	14.7	642.50	1685
	Aug 2007	739	-27	739	0	739	12.0	641.50	1658
	Sep 2007	671	-16	749	0	749	12.6	638.00	1564
	WY 2007	9375	-249	9142	0	9142			
	Oct 2007	404	-5	592	0	592	9.6	630.49	1371
	Nov 2007	597	-13	494	0	494	8.3	634.00	1460
	Dec 2007	600	-18	458	0	458	7.5	638.71	1583
	Jan 2008	675	-16	576	0	576	9.4	641.80	1666
	Feb 2008	650	-13	637	0	637	11.1	641.80	1666
	Mar 2008	948	-13	900	0	900	14.6	643.05	1700
	Apr 2008	1056	-18	1039	0	1039	17.5	643.01	1699
	May 2008	1018	-18	1000	0	1000	16.3	643.01	1699
	Jun 2008	933	-20	940	0	940	15.8	642.00	1671
	Jul 2008	937	-23	928	0	928	15.1	641.50	1658
	Aug 2008	808	-21	786	0	786	12.8	641.50	1658
	Sep 2008	689	-13	770	0	770	12.9	638.00	1564
	WY 2008	9315	-191	9120	0	9120			
	Oct 2008	403	-5	591	0	591	9.6	630.49	1371
	Nov 2008	601	-13	499	0	499	8.4	634.00	1460
	Dec 2008	572	-18	430	0	430	7.0	638.71	1583
	Jan 2009	685	-16	586	0	586	9.5	641.80	1666
	Feb 2009	660	-12	647	0	647	11.7	641.80	1666
	Mar 2009	947	-13	899	0	899	14.6	643.05	1700
	Apr 2009	1057	-18	1040	0	1040	17.5	643.01	1699
	May 2009	1025	-18	1007	0	1007	16.4	643.01	1699

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Parker Dam - Lake Havasu

		Davis Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	MWD Diversion 1000 Ac-Ft	CAP diversion 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft	Flow_to Mexico 1000 Ac-Ft	Flow_to Mexico 1000 CFS
*	Jun 2006	1044	-41	730	12.3	77	182	447.78	576	128	2.2
H	Jul 2006	933	-24	742	12.1	81	77	448.22	584	125	2.0
I	Aug 2006	791	-25	636	10.3	87	47	447.98	580	99	1.6
S	Sep 2006	738	-18	548	9.2	60	137	446.67	555	94	1.6
	WY 2006	9152	-100	6695		827	1525			1552	
T	Oct 2006	686	-1	457	7.4	24	181	447.85	577	80	1.3
O	Nov 2006	489	-4	362	6.1	14	119	447.24	566	100	1.7
R	Dec 2006	542	-10	334	5.4	25	154	448.23	584	122	2.0
I	Jan 2007	541	0	366	5.9	50	134	447.71	575	123	2.0
C	Feb 2007	649	-19	472	8.5	59	131	445.97	542	149	2.7
A	Mar 2007	895	0	684	11.1	20	171	447.06	562	203	3.3
L	Apr 2007	1001	-4	751	12.6	76	161	447.53	571	198	3.3
*	May 2007	996	-11	721	11.7	86	159	448.56	591	109	1.8
	Jun 2007	953	-15	690	11.6	83	167	448.50	590	120	2.0
	Jul 2007	902	-14	747	12.2	86	69	447.80	576	124	2.0
	Aug 2007	739	0	617	10.0	86	42	447.50	570	93	1.5
	Sep 2007	749	1	558	9.4	59	146	446.81	557	89	1.5
	WY 2007	9142	-77	6759		668	1634			1510	
	Oct 2007	592	5	475	7.7	14	117	446.31	548	75	1.2
	Nov 2007	494	5	369	6.2	13	124	446.00	543	101	1.7
	Dec 2007	458	9	316	5.1	13	141	445.80	539	122	2.0
	Jan 2008	576	9	347	5.6	57	181	445.80	539	122	2.0
	Feb 2008	637	4	407	7.1	67	163	446.00	543	149	2.6
	Mar 2008	900	4	691	11.2	22	179	446.70	555	202	3.3
	Apr 2008	1039	-6	781	13.1	47	167	448.71	594	195	3.3
	May 2008	1000	-15	728	11.8	85	172	448.71	594	109	1.8
	Jun 2008	940	-15	742	12.5	93	90	448.71	594	120	2.0
	Jul 2008	928	-14	743	12.1	96	88	448.00	580	124	2.0
	Aug 2008	786	0	615	10.0	96	84	447.50	570	93	1.5
	Sep 2008	770	1	558	9.4	93	133	446.81	557	89	1.5
	WY 2008	9120	-13	6772		696	1639			1501	
	Oct 2008	591	5	473	7.7	34	99	446.31	548	75	1.2
	Nov 2008	499	5	366	6.2	16	128	446.00	543	101	1.7
	Dec 2008	430	9	313	5.1	13	117	445.80	539	122	2.0
	Jan 2009	586	9	346	5.6	67	181	445.80	539	122	2.0
	Feb 2009	647	3	405	7.3	79	163	446.00	543	149	2.7
	Mar 2009	899	4	686	11.2	26	179	446.70	555	202	3.3
	Apr 2009	1040	-6	773	13.0	55	167	448.71	594	195	3.3
	May 2009	1007	-15	719	11.7	101	172	448.71	594	109	1.8

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Hoover Dam - Lake Mead

	Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Hoover Static Head Feet	Hoover Generator Capacity MW	Hoover Gross Energy MKWH	Percent Of Units Available	KWH/AF
* Jun 2006	1036	17.4	1128.26	14178	-293	0.00	1815.0	430.5	100	415.6
H Jul 2006	967	15.7	1126.42	13993	-185	0.00	1793.0	396.0	100	409.4
I Aug 2006	818	13.3	1126.54	14005	12	0.00	1751.0	331.9	100	405.6
S Sep 2006	633	10.6	1125.36	13887	-118	0.00	1793.0	250.8	100	396.1
WY 2006	9395							3871.7		
T Oct 2006	564	9.2	1126.13	13964	77	0.00	1551.0	223.2	88	395.7
O Nov 2006	525	8.8	1126.63	14014	50	0.00	1128.0	210.9	64	401.7
R Dec 2006	621	10.1	1128.12	14164	150	0.00	1128.0	252.7	64	407.1
I Jan 2007	639	10.4	1129.55	14309	145	0.00	1233.0	262.8	70	411.6
C Feb 2007	647	11.6	1129.35	14288	-20	0.00	969.0	267.6	55	413.7
A Mar 2007	970	15.8	1125.79	13930	-358	0.00	1319.0	406.2	74	418.7
L Apr 2007	1093	18.4	1120.69	13426	-504	0.00	1275.0	455.6	73	416.9
* May 2007	1026	16.7	1115.89	12963	-463	0.00	1506.0	417.8	88	407.3
Jun 2007	954	16.0	1113.48	12734	-229	460.52	3015402.0	388.5	100	407.4
Jul 2007	926	15.1	1111.40	12537	-197	458.87	3015402.0	380.3	100	410.5
Aug 2007	739	12.0	1111.74	12569	32	458.50	2979051.0	301.2	100	407.5
Sep 2007	671	11.3	1110.87	12487	-82	459.70	2979051.0	271.6	100	404.8
WY 2007	9374							3838.5		
Oct 2007	404	6.6	1112.72	12662	175	464.51	2383241.0	161.0	80	398.8
Nov 2007	597	10.0	1112.71	12660	-1	469.87	1847011.6	250.3	62	419.4
Dec 2007	600	9.8	1114.85	12864	203	468.56	1847011.6	250.0	62	416.7
Jan 2008	675	11.0	1116.39	13011	147	467.96	1839395.2	282.3	61	418.1
Feb 2008	650	11.3	1116.45	13017	6	466.86	2080627.4	270.6	69	416.4
Mar 2008	948	15.4	1113.53	12738	-279	464.25	2291705.5	400.1	76	422.1
Apr 2008	1056	17.7	1109.24	12335	-403	459.72	2413031.2	442.1	81	418.8
May 2008	1018	16.6	1104.77	11922	-413	456.14	2177598.0	421.8	74	414.2
Jun 2008	933	15.7	1101.17	11596	-326	449.63	2935776.0	377.8	100	405.1
Jul 2008	937	15.2	1099.88	11480	-116	447.70	2935776.0	376.9	100	402.1
Aug 2008	808	13.1	1100.80	11563	82	447.67	2899425.0	325.9	100	403.5
Sep 2008	689	11.6	1100.19	11508	-55	448.97	2899425.0	274.3	100	398.1
WY 2008	9315							3833.3		
Oct 2008	403	6.6	1102.16	11685	177	453.94	2319540.0	158.1	80	392.0
Nov 2008	601	10.1	1102.12	11681	-4	459.32	1730030.6	247.7	62	411.9
Dec 2008	572	9.3	1104.66	11912	231	458.21	1730030.6	232.4	62	406.1
Jan 2009	685	11.1	1106.18	12052	140	457.79	1702126.9	281.7	61	411.2
Feb 2009	660	11.9	1106.63	12093	41	456.89	1925356.8	271.7	69	411.7
Mar 2009	947	15.4	1104.12	11863	-230	454.68	2120682.8	392.2	76	414.2
Apr 2009	1057	17.8	1100.19	11508	-355	450.54	2260201.2	434.4	81	411.1
May 2009	1025	16.7	1097.62	11278	-230	448.09	2064875.2	418.1	74	407.8

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Davis Dam - Lake Mohave

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Davis Static Head Feet	Davis Generator Capacity MW	Davis Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Jun 2006	1044	17.5	641.95	1670	-20	0.00	255.0	127.5	100	122.2
H	Jul 2006	933	15.2	642.85	1695	24	0.00	255.0	114.5	100	122.8
I	Aug 2006	791	12.9	643.26	1706	11	0.00	255.0	95.7	100	120.9
S	Sep 2006	738	12.4	638.76	1584	-122	0.00	255.0	100.0	100	135.4
	WY 2006	9153							1131.8		
T	Oct 2006	686	11.2	634.29	1467	-117	0.00	207.0	81.7	81	119.2
O	Nov 2006	489	8.2	635.85	1508	40	0.00	186.0	57.1	73	116.6
R	Dec 2006	542	8.8	638.56	1579	71	0.00	184.0	64.5	72	119.0
I	Jan 2007	541	8.8	641.43	1656	77	0.00	184.0	66.9	72	123.7
C	Feb 2007	649	11.7	640.75	1638	-18	0.00	204.0	81.3	80	125.3
A	Mar 2007	895	14.6	642.49	1685	47	0.00	212.0	112.7	83	126.0
L	Apr 2007	1001	16.8	644.58	1742	57	0.00	255.0	125.6	100	125.5
*	May 2007	996	16.2	644.29	1734	-8	0.00	255.0	126.4	100	126.9
	Jun 2007	953	16.0	643.00	1699	-36	136.69	255.0	119.6	100	125.5
	Jul 2007	902	14.7	642.50	1685	-14	135.78	255.0	112.9	100	125.2
	Aug 2007	739	12.0	641.50	1658	-27	134.99	255.0	92.7	100	125.4
	Sep 2007	749	12.6	638.00	1564	-94	132.63	255.0	92.2	100	123.1
	WY 2007	9142							1133.6		
	Oct 2007	592	9.6	630.49	1371	-193	126.83	255.0	70.6	100	119.2
	Nov 2007	494	8.3	634.00	1460	89	124.93	247.4	58.3	97	117.9
	Dec 2007	458	7.5	638.71	1583	123	129.99	221.9	55.9	87	122.0
	Jan 2008	576	9.4	641.80	1666	83	133.72	234.6	71.8	92	124.7
	Feb 2008	637	11.1	641.80	1666	0	135.26	237.2	79.9	93	125.5
	Mar 2008	900	14.6	643.05	1700	34	135.93	237.2	112.4	93	124.9
	Apr 2008	1039	17.5	643.01	1699	-1	136.08	255.0	129.4	100	124.6
	May 2008	1000	16.3	643.01	1699	0	136.05	255.0	124.9	100	124.9
	Jun 2008	940	15.8	642.00	1671	-28	135.52	255.0	117.1	100	124.6
	Jul 2008	928	15.1	641.50	1658	-14	134.73	255.0	115.2	100	124.1
	Aug 2008	786	12.8	641.50	1658	0	134.46	255.0	98.0	100	124.6
	Sep 2008	770	12.9	638.00	1564	-94	132.63	255.0	94.7	100	123.0
	WY 2008	9120							1128.2		
	Oct 2008	591	9.6	630.49	1371	-193	126.83	255.0	70.5	100	119.2
	Nov 2008	499	8.4	634.00	1460	89	124.93	247.4	58.8	97	117.9
	Dec 2008	430	7.0	638.71	1583	123	129.99	221.9	52.6	87	122.2
	Jan 2009	586	9.5	641.80	1666	83	133.72	234.6	73.0	92	124.7
	Feb 2009	647	11.7	641.80	1666	0	135.26	237.2	81.1	93	125.3
	Mar 2009	899	14.6	643.05	1700	34	135.93	237.2	112.2	93	124.9
	Apr 2009	1040	17.5	643.01	1699	-1	136.08	255.0	129.5	100	124.6
	May 2009	1007	16.4	643.01	1699	0	136.05	255.0	125.7	100	124.9

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Parker Dam - Lake Havasu

	Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Parker Static Head Feet	Parker Generator Capacity MW	Parker Gross Energy MKWH	Percent Of Units Available	KWH/AF
* Jun 2006	730	12.3	447.78	576	14	0.00	120.0	48.5	100	66.4
H Jul 2006	742	12.1	448.22	584	8	0.00	120.0	49.9	100	67.2
I Aug 2006	636	10.3	447.98	580	-5	0.00	120.0	41.6	100	65.4
S Sep 2006	548	9.2	446.67	555	-25	0.00	120.0	37.0	100	67.6
WY 2006	6695							448.2		
T Oct 2006	457	7.4	447.85	577	22	0.00	91.0	30.8	76	67.4
O Nov 2006	363	6.1	447.24	566	-11	0.00	96.0	24.1	80	66.5
R Dec 2006	334	5.4	448.23	584	19	0.00	107.0	21.8	89	65.2
I Jan 2007	366	5.9	447.71	575	-10	0.00	97.0	24.7	81	67.6
C Feb 2007	472	8.5	445.97	542	-32	0.00	108.0	31.4	90	66.6
A Mar 2007	684	11.1	447.06	562	20	0.00	109.0	45.5	91	66.6
L Apr 2007	751	12.6	447.53	571	9	0.00	120.0	49.3	100	65.6
* May 2007	721	11.7	448.56	591	20	0.00	120.0	48.2	100	66.9
Jun 2007	690	11.6	448.50	590	-1	75.89	120.0	45.8	100	66.4
Jul 2007	747	12.2	447.80	576	-13	75.52	120.0	49.5	100	66.2
Aug 2007	617	10.0	447.50	570	-6	75.03	120.0	40.4	100	65.4
Sep 2007	558	9.4	446.81	557	-13	74.55	120.0	36.3	100	64.9
WY 2007	6758							447.7		
Oct 2007	475	7.7	446.31	548	-9	75.98	79.2	31.3	66	66.0
Nov 2007	369	6.2	446.00	543	-6	75.58	79.2	23.9	66	64.9
Dec 2007	316	5.1	445.80	539	-4	75.34	79.2	20.2	66	64.0
Jan 2008	347	5.6	445.80	539	0	74.64	90.0	22.1	75	63.8
Feb 2008	407	7.1	446.00	543	4	74.74	90.0	26.3	75	64.6
Mar 2008	691	11.2	446.70	555	13	75.17	90.0	45.7	75	66.1
Apr 2008	781	13.1	448.71	594	38	75.09	120.0	51.5	100	66.0
May 2008	728	11.8	448.71	594	0	76.06	120.0	48.5	100	66.6
Jun 2008	742	12.5	448.71	594	0	76.06	120.0	49.5	100	66.7
Jul 2008	743	12.1	448.00	580	-14	75.72	120.0	49.3	100	66.3
Aug 2008	615	10.0	447.50	570	-10	75.13	120.0	40.3	100	65.5
Sep 2008	558	9.4	446.81	557	-13	74.55	120.0	36.2	100	64.9
WY 2008	6771							444.8		
Oct 2008	473	7.7	446.31	548	-9	74.43	109.2	30.5	91	64.5
Nov 2008	366	6.2	446.00	543	-6	74.04	109.2	23.3	91	63.5
Dec 2008	313	5.1	445.80	539	-4	73.80	109.2	19.6	91	62.7
Jan 2009	346	5.6	445.80	539	0	74.64	90.0	22.1	75	63.8
Feb 2009	405	7.3	446.00	543	4	74.74	90.0	26.2	75	64.7
Mar 2009	686	11.2	446.70	555	13	75.17	90.0	45.3	75	66.1
Apr 2009	773	13.0	448.71	594	38	75.09	120.0	51.0	100	66.0
May 2009	719	11.7	448.71	594	0	76.06	120.0	47.9	100	66.5

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T Y M R E S E R V O I R S

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Upper Basin Power

	Glen Canyon 1000 MWHR	Flam Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Res 1000 MWHR	Font Res 1000 MWHR
* Jun 2006	341	29	29	36	21	8
H Jul 2006	351	20	38	43	22	6
I Aug 2006	349	18	38	45	22	6
S Sep 2006	223	19	30	39	20	2
Summer 2006	1263	85	135	162	85	22
T Oct 2006	254	19	20	25	15	4
O Nov 2006	254	19	14	18	10	4
R Dec 2006	338	28	25	31	18	4
I Jan 2007	336	28	25	31	16	4
C Feb 2007	251	25	14	18	4	3
A Mar 2007	249	20	10	12	7	3
Winter 2007	1682	139	109	134	69	22
L Apr 2007	250	18	11	17	11	3
* May 2007	254	52	11	19	15	3
Jun 2007	323	21	18	26	15	4
Jul 2007	324	18	29	35	18	4
Aug 2007	322	18	29	35	18	4
Sep 2007	241	17	25	31	16	4
Summer 2007	1714	145	124	163	92	22
Oct 2007	237	18	18	22	12	4
Nov 2007	237	17	10	13	7	4
Dec 2007	315	20	15	19	10	4
Jan 2008	313	20	18	22	12	4
Feb 2008	233	19	16	21	11	3
Mar 2008	233	20	18	23	13	3
Winter 2008	1567	115	94	121	64	22
Apr 2008	233	20	20	29	16	4
May 2008	236	50	22	36	23	8
Jun 2008	264	93	21	32	22	9
Jul 2008	351	41	34	41	23	10
Aug 2008	372	41	38	45	23	10
Sep 2008	260	39	36	43	22	6
Summer 2008	1716	283	170	226	129	46
Oct 2008	247	41	24	29	15	6
Nov 2008	247	39	15	19	10	6
Dec 2008	328	40	19	24	12	6
Jan 2009	326	40	21	27	14	6
Feb 2009	263	36	16	20	11	5
Mar 2009	263	40	17	23	12	5
Winter 2009	1673	238	111	142	74	33
Apr 2009	263	41	20	29	16	6
May 2009	328	60	21	36	23	7

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model_run_id = 1676

F L O O D C O N T R O L C R I T E R I A
B E G I N N I N G O F M O N T H C O N D I T I O N S

MON	YEAR	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	LAKE POWELL KAF	UPPER BASIN TOTAL KAF	LAKE MEAD KAF	TOTAL KAF	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	TOT OR MAX ALLOW KAF	LAKE POWELL KAF	LAKE MEAD KAF	TOTAL KAF	BOM SPACE REQD KAF	MEAD SCHED REL KAF	MEAD FC REL KAF	SYS CONT MAF
		* * * * P R E D I C T E D S P A C E * * * *							* * * * E F F E C T I V E S P A C E * * * *									
JUN	2007	757	165	115	11629	12666	14417	27084	65	55	97	218	11629	14417	26264	1500	954	0	33.8
JUL	2007	708	81	86	11546	12420	14646	27067	4	-34	16	-14	11546	14646	26178	1500	926	0	33.2
									* * * * C R E D I T A B L E S P A C E * * * *									
AUG	2007	719	108	126	11769	12723	14843	27566	719	108	126	954	11769	14843	27566	1500	739	0	32.8
SEP	2007	742	152	158	12123	13176	14811	27986	742	152	158	1052	12123	14811	27986	2270	671	0	32.3
OCT	2007	766	198	176	12309	13448	14893	28341	766	198	176	1140	12309	14893	28341	3040	404	0	32.1
NOV	2007	776	220	188	12444	13629	14718	28347	776	220	188	1184	12444	14718	28347	3810	597	0	32.1
DEC	2007	776	224	192	12545	13737	14720	28456	776	224	192	1192	12545	14720	28456	4580	600	0	32.0
JAN	2008	797	248	202	12875	14122	14516	28638	797	248	202	1247	12875	14516	28638	5350	675	0	31.8
									* * * * E F F E C T I V E S P A C E * * * *									
JAN	2008	797	248	202	12875	14122	14516	28638	496	248	197	941	12875	14516	28332	5350	675	0	31.8
FEB	2008	814	283	212	13222	14532	14369	28901	510	283	207	1001	13222	14369	28592	1500	650	0	31.6
MAR	2008	822	316	210	13383	14731	14363	29094	515	316	204	1035	13383	14363	28781	1500	948	0	31.4
APR	2008	778	342	165	13444	14729	14642	29372	467	342	152	962	13444	14642	29048	1500	1056	0	31.3
MAY	2008	697	339	82	13322	14440	15045	29485	379	339	50	768	13322	15045	29135	1500	1018	0	32.3
JUN	2008	581	217	89	12169	13056	15458	28514	251	217	22	490	12169	15458	28117	1500	932	0	33.9
JUL	2008	453	39	167	10476	11134	15784	26918	109	14	48	170	10476	15784	26430	1500	937	0	34.2
									* * * * C R E D I T A B L E S P A C E * * * *									
AUG	2008	362	27	175	10163	10727	15900	26627	362	27	175	564	10163	15900	26627	1500	808	0	33.9
SEP	2008	392	79	185	10423	11078	15817	26895	392	79	185	655	10423	15817	26895	2270	689	0	33.5
OCT	2008	452	152	187	10490	11281	15872	27154	452	152	187	791	10490	15872	27154	3040	403	0	33.3
NOV	2008	511	190	187	10526	11414	15695	27109	511	190	187	887	10526	15695	27109	3810	601	0	33.3
DEC	2008	570	208	189	10561	11528	15699	27227	570	208	189	967	10561	15699	27227	4580	572	0	33.3
JAN	2009	645	248	196	10829	11918	15468	27386	645	248	196	1089	10829	15468	27386	5350	685	0	33.1
									* * * * E F F E C T I V E S P A C E * * * *									
JAN	2009	645	248	196	10829	11918	15468	27386	274	248	196	719	10829	15468	27015	5350	685	0	33.1
FEB	2009	716	295	205	11116	12333	15328	27661	344	295	205	845	11116	15328	27289	1500	660	0	32.8
MAR	2009	773	327	205	11291	12595	15287	27882	399	327	205	931	11291	15287	27509	1500	947	0	32.6
APR	2009	784	351	158	11351	12644	15517	28161	406	351	153	910	11351	15517	27779	1500	1057	0	32.5
MAY	2009	761	346	69	11222	12399	15872	28270	377	346	45	768	11222	15872	27862	1500	1025	0	33.5

To: All Annual Operating Plan Recipients

From: Lower Colorado Region
Boulder Canyon Operations Office
River Operations Group
Douglas B. Blatchford, P.E.
P.O. Box 61470
Boulder City, NV 89006-1470
Phone: 702-293-8190

This operational study reflects the 2007 Annual Operating Plan (AOP) as signed by the Secretary of the Interior. The Partial Domestic Surplus condition is the criterion governing the operation of Lake Mead for Calendar Year 2007. A copy of the 2007 AOP can be obtained by contacting (702)293-8190 or visiting our website at www.usbr.gov/lc/riverops.html.

In this study, the Calendar Year (CY) 2007 diversion for Metropolitan Water District of Southern California (MWD) is forecasted to be 0.625 million acre-feet (maf). The CY 2007 diversion for the Central Arizona Project (CAP) is forecasted to be 1.565 maf. Consumptive use for Nevada above Hoover is forecasted to be 0.292 maf for CY 2007.

According to Sections 2(B)(1) and (7) of the Interim Surplus Guidelines, the Partial Domestic Surplus Condition is the criterion governing the operation of Lake Mead for calendar year 2007 in accordance with Article III(3)(b) of the Operating Criteria, and Article II(B)(2) of the Consolidated Decree. It should be noted, however, that the projected releases in 2007 currently reflect demands under the Normal Condition for the Metropolitan Water District of Southern California (MWD), the Central Arizona Project (CAP), and the Southern Nevada Water Authority (SNWA), per their request. This does not, however, preclude the MWD, CAP, and SNWA from requesting Partial Domestic Surplus water in calendar year 2007.

Due to declining Lake Mead elevations, Hoover's generator capacity is adjusted based on estimated effective capacity and plant availability. The estimated effective capacity is based on projected Lake Mead elevations. Unit capacity tests will be performed as the lake elevation changes in 2' increments. This study reflects these changes in the projections.

Current runoff projections into Lake Powell are provided by the National Weather Service's Colorado Basin River Forecast Center and are as follows: observed unregulated inflow into Lake Powell for the month of June, 2007 was 1.308 maf or 42% of the 30 year average. The forecast for July, 2007 unregulated inflow into Lake Powell is 0.512 maf or 33% of the 30 year average. The forecast for the April through July unregulated inflow period is 4.2 maf or 53% of average.

Hoover, Davis, and Parker historical gross energy figures come from PO&M reports provided by the Power and O&M Group, Boulder Canyon Operations, Bureau of Reclamation, Boulder City, Nevada. Questions regarding these historical energy numbers can be directed to Larry Karr at (702) 293-8094.

(Note: Lower Basin previous months' historical SNWP and flow to Mexico values are preliminary estimates.)

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Fontenelle Reservoir

	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
* Jul 2006	86	3	68	0	68	6500.17	300
H Aug 2006	35	2	68	1	69	6495.25	264
I Sep 2006	29	2	23	28	51	6491.84	240
WY 2006	895	17	683	200	883		
S Oct 2006	41	1	54	1	55	6489.68	226
T Nov 2006	40	1	54	0	54	6487.35	210
O Dec 2006	29	1	57	0	57	6482.67	182
R Jan 2007	26	1	56	0	56	6477.07	152
I Feb 2007	26	0	50	0	50	6471.76	127
C Mar 2007	62	0	56	0	56	6473.15	133
A Apr 2007	49	1	51	0	51	6472.62	131
L May 2007	109	1	49	0	49	6483.80	189
* Jun 2007	89	2	48	0	48	6489.96	228
Jul 2007	40	2	49	0	49	6488.26	217
Aug 2007	33	2	49	0	49	6485.48	199
Sep 2007	25	1	45	0	45	6481.96	178
WY 2007	569	13	618	1	619		
Oct 2007	33	1	46	0	46	6479.41	164
Nov 2007	34	1	45	0	45	6477.27	153
Dec 2007	32	0	46	0	46	6474.25	138
Jan 2008	30	0	46	0	46	6470.46	121
Feb 2008	28	0	43	0	43	6466.71	106
Mar 2008	51	0	46	0	46	6467.88	110
Apr 2008	89	1	54	0	54	6475.51	144
May 2008	176	1	97	0	97	6488.94	222
Jun 2008	308	2	105	117	222	6500.78	305
Jul 2008	186	3	100	46	146	6505.59	342
Aug 2008	83	2	100	4	104	6502.59	319
Sep 2008	49	2	59	9	68	6499.77	297
WY 2008	1099	13	787	176	963		
Oct 2008	49	1	71	0	71	6496.59	274
Nov 2008	41	1	68	0	68	6492.59	246
Dec 2008	32	1	71	0	71	6486.62	206
Jan 2009	30	1	71	0	71	6479.56	164
Feb 2009	27	0	64	0	64	6471.86	127
Mar 2009	51	0	73	0	73	6466.60	105
Apr 2009	89	1	89	0	89	6466.33	104
May 2009	176	1	97	11	108	6480.74	171
Jun 2009	308	2	103	69	172	6500.82	305

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Flaming Gorge Reservoir

	Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Yampa Flow 1000 Ac-Ft	Jensen Flow 1000 Ac-Ft
* Jul 2006	90	71	13	54	0	54	88	6024.29	3134	40	104
H Aug 2006	32	65	12	50	0	50	88	6024.35	3136	12	65
I Sep 2006	31	54	10	50	0	50	88	6024.19	3130	22	77
WY 2006	1041	1031	77	999	3	1002					2585
S Oct 2006	50	64	7	50	0	50	88	6024.37	3137	0	114
T Nov 2006	43	57	4	48	0	48	89	6024.50	3142	0	100
O Dec 2006	29	58	2	76	0	76	88	6023.99	3123	0	110
R Jan 2007	33	63	2	75	0	75	87	6023.61	3109	0	592
I Feb 2007	45	69	2	66	0	66	87	6023.65	3111	0	392
C Mar 2007	119	113	3	51	0	51	90	6025.19	3167	0	221
A Apr 2007	73	75	5	50	0	50	90	6025.71	3187	0	263
L May 2007	164	106	8	138	0	138	89	6024.67	3148	0	525
* Jun 2007	90	49	10	69	0	69	88	6023.89	3119	0	227
Jul 2007	50	59	13	53	0	53	87	6023.72	3113	0	53
Aug 2007	37	53	12	51	0	51	87	6023.47	3104	0	51
Sep 2007	23	43	11	49	0	49	87	6023.01	3087	0	49
WY 2007	756	809	79	776	0	776					2697
Oct 2007	35	49	7	51	0	51	86	6022.77	3079	0	51
Nov 2007	49	59	3	49	0	49	87	6022.96	3085	0	49
Dec 2007	37	51	2	51	0	51	87	6022.92	3084	0	51
Jan 2008	41	57	2	51	0	51	87	6023.05	3089	0	51
Feb 2008	47	62	2	47	0	47	87	6023.38	3101	0	47
Mar 2008	103	98	3	51	0	51	88	6024.56	3144	0	51
Apr 2008	142	108	5	49	0	49	90	6025.97	3196	0	49
May 2008	263	184	8	133	0	133	92	6027.10	3238	0	133
Jun 2008	400	314	10	254	3	257	93	6028.29	3283	0	257
Jul 2008	219	179	14	102	0	102	95	6029.90	3345	0	102
Aug 2008	97	118	13	102	0	102	95	6029.98	3348	0	102
Sep 2008	58	78	11	98	0	98	94	6029.20	3318	0	98
WY 2008	1491	1357	80	1038	3	1041					1041
Oct 2008	59	81	7	101	0	101	93	6028.51	3292	0	101
Nov 2008	51	79	3	98	0	98	93	6027.92	3270	0	98
Dec 2008	37	76	2	114	0	114	91	6026.90	3231	0	114
Jan 2009	41	82	2	114	0	114	90	6026.03	3199	0	114
Feb 2009	45	82	2	103	0	103	90	6025.44	3176	0	103
Mar 2009	103	125	3	101	0	101	90	6025.97	3196	0	101
Apr 2009	142	143	5	98	0	98	91	6027.00	3235	0	98
May 2009	263	195	8	153	0	153	93	6027.89	3268	0	153
Jun 2009	400	263	10	235	0	235	93	6028.36	3286	0	235

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Taylor Park Reservoir

	Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
* Jul 2006	12	18	9320.55	88
H Aug 2006	9	18	9315.25	79
I Sep 2006	8	14	9311.30	72
WY 2006	119	116		
S Oct 2006	10	5	9314.16	77
T Nov 2006	6	4	9315.22	79
O Dec 2006	5	5	9315.38	79
R Jan 2007	4	5	9315.07	78
I Feb 2007	3	4	9314.65	78
C Mar 2007	6	5	9315.67	79
A Apr 2007	8	5	9317.64	83
L May 2007	27	11	9325.94	98
* Jun 2007	27	23	9327.96	102
Jul 2007	9	18	9323.49	93
Aug 2007	7	18	9317.20	82
Sep 2007	5	16	9310.76	71
WY 2007	117	119		
Oct 2007	5	12	9306.30	64
Nov 2007	4	5	9305.94	64
Dec 2007	4	5	9305.56	63
Jan 2008	4	5	9305.00	62
Feb 2008	4	5	9304.22	61
Mar 2008	4	5	9303.70	60
Apr 2008	8	8	9303.93	61
May 2008	27	12	9313.65	76
Jun 2008	43	20	9326.26	99
Jul 2008	20	20	9326.47	99
Aug 2008	10	20	9321.22	89
Sep 2008	7	16	9316.17	80
WY 2008	140	133		
Oct 2008	6	12	9312.68	74
Nov 2008	5	6	9312.00	73
Dec 2008	4	5	9311.64	73
Jan 2009	4	5	9311.14	72
Feb 2009	4	5	9310.45	71
Mar 2009	4	5	9309.98	70
Apr 2009	8	11	9308.28	67
May 2009	27	18	9313.96	76
Jun 2009	43	20	9326.52	99

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Blue Mesa Reservoir

	Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir elevation EOM Feet	Live Storage 1000 Ac-Ft
* Jul 2006	76	83	2	117	0	117	7513.07	773
H Aug 2006	60	69	1	121	0	121	7506.88	719
I Sep 2006	41	48	1	99	0	99	7500.66	667
WY 2006	828	828	8	740	0	740		
S Oct 2006	70	65	1	74	0	74	7499.52	657
T Nov 2006	42	40	0	52	0	52	7498.10	646
O Dec 2006	35	35	0	93	0	93	7490.78	587
R Jan 2007	30	31	0	93	0	93	7482.56	525
I Feb 2007	26	27	0	54	0	54	7478.89	498
C Mar 2007	55	54	0	38	0	38	7481.01	513
A Apr 2007	67	64	1	43	0	43	7483.72	533
L May 2007	189	174	1	41	0	41	7500.42	665
* Jun 2007	174	169	1	47	0	47	7514.60	786
Jul 2007	55	64	2	100	0	100	7510.30	748
Aug 2007	40	51	1	97	0	97	7504.86	702
Sep 2007	27	38	1	97	0	97	7497.59	642
WY 2007	810	812	8	829	0	829		
Oct 2007	29	36	1	63	0	63	7494.17	614
Nov 2007	28	29	0	34	0	34	7493.44	608
Dec 2007	25	26	0	53	0	53	7490.00	581
Jan 2008	24	25	0	60	0	60	7485.39	546
Feb 2008	23	24	0	56	0	56	7481.04	514
Mar 2008	34	35	0	61	0	61	7477.39	487
Apr 2008	73	73	1	69	0	69	7477.80	490
May 2008	212	197	1	74	0	74	7493.90	612
Jun 2008	271	248	1	68	0	68	7515.10	791
Jul 2008	121	120	2	107	0	107	7516.39	802
Aug 2008	62	72	1	122	0	122	7510.57	751
Sep 2008	36	45	1	118	0	118	7501.91	677
WY 2008	938	930	8	885	0	885		
Oct 2008	35	41	1	78	0	78	7497.33	640
Nov 2008	31	32	0	50	0	50	7495.03	621
Dec 2008	25	26	0	65	0	65	7490.00	581
Jan 2009	24	25	0	72	0	72	7483.79	534
Feb 2009	22	23	0	54	0	54	7479.56	503
Mar 2009	34	35	0	59	0	59	7476.15	478
Apr 2009	73	76	1	70	0	70	7476.89	484
May 2009	212	203	1	74	0	74	7493.89	612
Jun 2009	271	248	1	67	0	67	7515.21	792

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Morrow Point Reservoir

	Unreg Inflow 1000 Ac-Ft	Blue_Mesa Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Evap losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
* Jul 2006	79	117	3	120	0	119	0	119	7154.36	113
H Aug 2006	62	121	3	124	0	123	0	123	7156.04	114
I Sep 2006	43	99	2	101	0	107	0	107	7145.25	105
WY 2006	893	740	66	805	0	809	0	809		
S Oct 2006	69	74	-1	73	0	71	0	71	7148.31	108
T Nov 2006	41	52	-1	50	0	52	0	52	7146.13	106
O Dec 2006	31	93	-4	89	0	88	0	88	7146.46	106
R Jan 2007	25	93	-5	88	0	88	0	88	7145.92	106
I Feb 2007	24	54	-2	51	0	51	0	51	7145.91	106
C Mar 2007	58	38	3	41	0	34	0	34	7154.36	113
A Apr 2007	73	43	6	49	0	50	0	50	7153.49	112
L May 2007	202	41	13	54	0	53	0	53	7154.94	113
* Jun 2007	179	47	4	51	0	52	0	52	7153.84	112
Jul 2007	58	100	3	103	0	103	0	103	7153.73	112
Aug 2007	42	97	2	99	0	99	0	99	7153.73	112
Sep 2007	29	97	2	99	0	99	0	99	7153.73	112
WY 2007	831	829	20	847	0	840	0	840		
Oct 2007	31	63	2	65	0	65	0	65	7153.73	112
Nov 2007	30	34	2	36	0	36	0	36	7153.73	112
Dec 2007	27	53	2	55	0	55	0	55	7153.73	112
Jan 2008	26	60	2	62	0	62	0	62	7153.73	112
Feb 2008	26	56	3	59	0	59	0	59	7153.73	112
Mar 2008	38	61	4	65	0	65	0	65	7153.73	112
Apr 2008	84	69	11	80	0	80	0	80	7153.73	112
May 2008	237	74	25	99	0	99	0	99	7153.73	112
Jun 2008	292	68	21	89	0	89	0	89	7153.73	112
Jul 2008	127	107	7	114	0	114	0	114	7153.73	112
Aug 2008	65	122	4	126	0	126	0	126	7153.73	112
Sep 2008	39	118	3	121	0	121	0	121	7153.73	112
WY 2008	1022	885	86	971	0	971	0	971		
Oct 2008	38	78	3	81	0	81	0	81	7153.73	112
Nov 2008	33	50	2	52	0	52	0	52	7153.73	112
Dec 2008	27	65	2	67	0	67	0	67	7153.73	112
Jan 2009	26	72	2	74	0	74	0	74	7153.73	112
Feb 2009	25	54	3	57	0	57	0	57	7153.73	112
Mar 2009	38	59	4	63	0	63	0	63	7153.73	112
Apr 2009	84	70	11	81	0	81	0	81	7153.73	112
May 2009	237	74	25	99	0	99	0	99	7153.73	112
Jun 2009	292	67	21	88	0	88	0	88	7153.73	112

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Crystal Reservoir

	unreg Inflow 1000 Ac-Ft	Morrow Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Tunnel Flow 1000 Ac-Ft	Below_tunnel Flow 1000 Ac-Ft
* Jul 2006	86	119	7	126	126	0	126	6745.30	15	63	72
H Aug 2006	69	123	6	129	129	0	129	6744.74	15	62	79
I Sep 2006	47	107	4	114	112	1	113	6746.01	15	53	68
WY 2006	993	809	98	909	859	50	909			384	559
S Oct 2006	76	71	7	77	77	0	77	6746.08	15	40	39
T Nov 2006	46	52	5	57	58	0	58	6740.90	14	0	58
O Dec 2006	35	88	4	93	93	0	93	6738.89	13	0	99
R Jan 2007	29	88	4	92	85	8	93	6737.51	13	1	101
I Feb 2007	27	51	3	55	25	29	54	6739.24	13	2	57
C Mar 2007	67	34	8	43	42	0	42	6739.82	13	1	43
A Apr 2007	84	50	11	61	57	0	57	6751.74	17	31	29
L May 2007	228	53	25	78	78	0	78	6751.27	16	53	29
* Jun 2007	200	52	21	73	74	0	74	6745.12	15	51	28
Jul 2007	62	103	4	107	105	0	105	6753.04	17	65	40
Aug 2007	48	99	6	105	105	0	105	6753.04	17	65	40
Sep 2007	33	99	4	103	103	0	103	6753.04	17	55	48
WY 2007	935	840	102	944	902	37	939			364	611
Oct 2007	36	65	5	70	70	0	70	6753.04	17	30	40
Nov 2007	35	36	5	41	41	0	41	6753.04	17	0	41
Dec 2007	32	55	5	60	60	0	60	6753.04	17	0	60
Jan 2008	31	62	5	67	67	0	67	6753.04	17	0	67
Feb 2008	30	59	4	63	63	0	63	6753.04	17	0	63
Mar 2008	46	65	7	72	72	0	72	6753.04	17	5	67
Apr 2008	96	80	12	92	92	0	92	6753.04	17	30	62
May 2008	272	99	35	134	134	0	134	6753.04	17	55	79
Jun 2008	330	89	38	127	127	0	127	6753.04	17	60	67
Jul 2008	144	114	17	131	131	0	131	6753.04	17	65	66
Aug 2008	74	126	8	134	134	0	134	6753.04	17	65	69
Sep 2008	45	121	6	127	127	0	127	6753.04	17	55	72
WY 2008	1171	971	147	1118	1118	0	1118			365	753
Oct 2008	44	81	7	87	87	0	87	6753.04	17	30	57
Nov 2008	38	52	5	57	57	0	57	6753.04	17	0	57
Dec 2008	32	67	5	72	72	0	72	6753.04	17	0	72
Jan 2009	31	74	5	79	79	0	79	6753.04	17	0	79
Feb 2009	29	57	4	61	61	0	61	6753.04	17	0	61
Mar 2009	46	63	7	70	70	0	70	6753.04	17	5	65
Apr 2009	96	81	12	93	93	0	93	6753.04	17	30	63
May 2009	272	99	35	134	134	0	134	6753.04	17	55	79
Jun 2009	330	88	38	126	126	0	126	6753.04	17	60	66

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Vallecito Reservoir

		Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Jul 2006	20	37	7651.91	92
H	Aug 2006	28	33	7649.90	87
I	Sep 2006	24	26	7648.87	84
	WY 2006	247	238		
S	Oct 2006	54	42	7653.51	96
T	Nov 2006	15	34	7645.48	76
O	Dec 2006	8	8	7645.38	76
R	Jan 2007	7	6	7645.38	76
I	Feb 2007	5	5	7645.51	76
C	Mar 2007	14	5	7649.56	86
A	Apr 2007	22	5	7656.47	103
L	May 2007	68	45	7664.82	125
*	Jun 2007	67	68	7664.36	124
	Jul 2007	20	43	7655.33	100
	Aug 2007	16	43	7643.61	72
	Sep 2007	14	30	7635.90	56
	WY 2007	310	334		
	Oct 2007	11	13	7634.95	54
	Nov 2007	8	3	7637.27	59
	Dec 2007	6	3	7638.67	61
	Jan 2008	5	3	7639.67	64
	Feb 2008	5	2	7640.70	66
	Mar 2008	8	3	7642.93	71
	Apr 2008	22	10	7648.06	82
	May 2008	69	43	7658.55	108
	Jun 2008	78	60	7664.98	125
	Jul 2008	31	43	7660.20	113
	Aug 2008	19	43	7650.56	88
	Sep 2008	17	30	7644.96	75
	WY 2008	279	256		
	Oct 2008	13	15	7643.94	73
	Nov 2008	8	4	7645.75	77
	Dec 2008	6	6	7645.71	77
	Jan 2009	5	5	7645.74	77
	Feb 2009	5	5	7645.53	76
	Mar 2009	8	5	7646.77	79
	Apr 2009	22	10	7651.69	91
	May 2009	69	50	7659.20	110
	Jun 2009	78	65	7663.75	122

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Navajo Reservoir

	Mod_Unreg Inflow 1000 Ac-Ft	Azetea Tunnel_Div 1000 Ac-Ft	Reg Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	NIIP Diversion 1000 ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Farm Flow 1000 Ac-Ft
* Jul 2006	35	4	48	5	37	47	6066.07	1427	63
H Aug 2006	67	5	67	4	35	38	6065.35	1417	62
I Sep 2006	58	6	54	3	15	34	6065.53	1420	57
WY 2006	689	72	605	32	189	484			881
S Oct 2006	167	13	141	2	7	29	6073.01	1523	128
T Nov 2006	42	0	62	1	0	27	6075.33	1556	47
O Dec 2006	27	0	27	1	1	26	6075.31	1556	50
R Jan 2007	22	0	21	1	1	29	6074.67	1546	46
I Feb 2007	31	0	31	1	1	29	6074.65	1546	53
C Mar 2007	126	13	104	2	5	41	6078.51	1603	76
A Apr 2007	121	18	87	3	20	44	6079.81	1622	90
L May 2007	258	34	200	4	25	212	6077.03	1581	257
* Jun 2007	182	27	154	5	37	73	6079.68	1620	172
Jul 2007	47	4	66	5	55	46	6076.96	1580	46
Aug 2007	33	1	59	4	46	46	6074.41	1543	46
Sep 2007	30	1	45	3	27	45	6072.31	1513	45
WY 2007	1086	111	997	32	225	647			1056
Oct 2007	31	0	32	2	8	111	6065.92	1425	111
Nov 2007	30	0	25	1	0	32	6065.35	1417	32
Dec 2007	24	0	21	1	0	31	6064.58	1407	31
Jan 2008	22	0	20	1	0	31	6063.70	1396	31
Feb 2008	31	0	29	1	0	28	6063.73	1396	28
Mar 2008	88	2	81	2	4	31	6067.10	1441	31
Apr 2008	174	19	142	3	17	34	6073.50	1530	34
May 2008	279	31	221	4	31	200	6072.53	1516	200
Jun 2008	246	45	184	5	47	212	6066.74	1436	212
Jul 2008	74	7	79	5	51	31	6066.19	1429	31
Aug 2008	43	0	67	4	42	31	6065.45	1419	31
Sep 2008	42	0	55	3	24	30	6065.31	1417	30
WY 2008	1084	104	956	32	224	802			802
Oct 2008	38	0	40	2	7	31	6065.32	1417	31
Nov 2008	33	0	29	1	0	30	6065.15	1415	30
Dec 2008	24	0	24	1	0	31	6064.61	1408	31
Jan 2009	22	0	22	1	0	30	6063.95	1399	30
Feb 2009	30	0	31	1	0	30	6063.96	1399	30
Mar 2009	88	2	83	2	4	31	6067.47	1446	31
Apr 2009	174	19	142	3	17	34	6073.85	1535	34
May 2009	279	31	228	4	31	200	6073.38	1528	200
Jun 2009	246	45	189	5	47	212	6067.99	1453	212

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Lake Powell

	Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	PowerPlant Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Bank Storage 1000 Ac-Ft	EOM Storage 1000 Ac-Ft	Lees Ferry 1000 Ac-Ft
* Jul 2006	575	623	44	829	0	829	3606.85	18739	12416	860
H Aug 2006	422	503	49	827	0	827	3602.78	18765	12017	863
I Sep 2006	412	501	46	536	0	536	3601.74	18784	11917	561
WY 2006	8607	8549	336	8228	0	8228				8491
S Oct 2006	1018	922	27	606	0	606	3607.96	18463	12526	635
T Nov 2006	558	536	24	603	0	603	3606.85	18483	12416	628
O Dec 2006	402	502	21	801	0	801	3603.39	18502	12076	834
R Jan 2007	315	426	13	800	0	800	3599.51	18487	11703	833
I Feb 2007	404	462	15	604	0	604	3597.91	18481	11552	625
C Mar 2007	795	680	13	602	0	602	3598.81	18461	11637	611
A Apr 2007	802	701	20	600	0	600	3600.35	18394	11784	607
L May 2007	1577	1441	29	601	0	601	3609.61	18297	12691	602
* Jun 2007	1308	1072	43	801	0	801	3611.50	18334	12882	809
Jul 2007	512	616	47	804	0	804	3609.34	18317	12664	804
Aug 2007	350	481	48	804	0	804	3605.89	18289	12321	804
Sep 2007	350	489	41	603	0	603	3604.43	18278	12177	603
WY 2007	8391	8328	341	8229	0	8229				8395
Oct 2007	426	563	37	600	0	600	3603.73	18273	12109	600
Nov 2007	482	490	30	600	0	600	3602.39	18262	11979	600
Dec 2007	418	466	25	800	0	800	3598.91	18235	11646	800
Jan 2008	384	439	19	800	0	800	3595.17	18207	11295	800
Feb 2008	409	439	17	600	0	600	3593.39	18194	11130	600
Mar 2008	628	551	21	600	0	600	3592.67	18189	11064	600
Apr 2008	952	752	24	600	0	600	3593.95	18198	11182	600
May 2008	2161	1876	34	600	0	600	3606.00	18290	12332	600
Jun 2008	2808	2521	42	650	0	650	3622.45	18426	14025	650
Jul 2008	1345	1229	50	850	0	850	3625.26	18450	14329	850
Aug 2008	566	662	52	900	0	900	3622.78	18429	14060	900
Sep 2008	459	593	45	630	0	630	3622.08	18423	13985	630
WY 2008	11038	10581	396	8230	0	8230				8230
Oct 2008	506	592	40	600	0	600	3621.66	18419	13940	600
Nov 2008	523	587	33	600	0	600	3621.25	18415	13896	600
Dec 2008	418	541	28	800	0	800	3618.75	18394	13631	800
Jan 2009	384	513	21	800	0	800	3616.02	18371	13346	800
Feb 2009	395	484	19	800	0	800	3613.01	18347	13036	800
Mar 2009	628	599	24	650	0	650	3612.33	18341	12967	650
Apr 2009	952	801	27	650	0	650	3613.46	18350	13082	650
May 2009	2161	1895	38	900	0	900	3621.93	18421	13968	900
Jun 2009	2808	2497	46	1000	0	1000	3634.06	18529	15312	1000

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Hoover Dam - Lake Mead

	Glen Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	SNWP Use 1000 Ac-Ft	Dwnstrm Reqmnts 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
* Jul 2006	829	56	80	967	15.7	34	962	910	1126.42	13993
H Aug 2006	827	124	85	818	13.3	35	812	910	1126.54	14005
I Sep 2006	536	69	70	633	10.6	28	628	903	1125.36	13887
WY 2006	8228	702	668	9395		287	9343			
S Oct 2006	606	117	51	564	9.2	26	554	908	1126.13	13964
T Nov 2006	603	47	51	525	8.8	20	523	911	1126.63	14014
O Dec 2006	801	39	44	621	10.1	15	617	921	1128.12	14164
R Jan 2007	800	42	36	639	10.4	13	637	930	1129.55	14309
I Feb 2007	604	67	33	647	11.6	12	646	929	1129.35	14288
C Mar 2007	602	45	37	970	15.8	21	969	905	1125.79	13930
A Apr 2007	600	24	45	1093	18.4	22	1092	873	1120.69	13426
L May 2007	601	14	51	1026	16.7	31	1024	843	1115.89	12963
* Jun 2007	801	8	61	958	16.1	33	956	828	1113.50	12735
Jul 2007	804	25	76	949	15.4	33	949	814	1111.23	12521
Aug 2007	804	67	80	780	12.7	30	780	813	1111.03	12502
Sep 2007	603	100	66	662	11.1	33	662	809	1110.46	12449
WY 2007	8229	595	631	9434		289	9408			
Oct 2007	600	71	48	402	6.5	30	402	821	1112.37	12629
Nov 2007	600	61	48	595	10.0	23	595	821	1112.33	12624
Dec 2007	800	53	42	604	9.8	11	604	833	1114.27	12808
Jan 2008	800	125	34	665	10.8	13	665	846	1116.36	13008
Feb 2008	600	114	32	613	10.7	13	613	849	1116.91	13061
Mar 2008	600	78	35	907	14.7	17	907	832	1114.15	12797
Apr 2008	600	66	43	1052	17.7	23	1052	804	1109.64	12373
May 2008	600	64	49	1035	16.8	35	1035	776	1105.01	11945
Jun 2008	650	12	58	998	16.8	34	998	750	1100.59	11544
Jul 2008	850	50	72	926	15.1	33	926	742	1099.23	11422
Aug 2008	900	96	76	806	13.1	30	806	748	1100.11	11501
Sep 2008	630	100	63	709	11.9	33	709	743	1099.33	11431
WY 2008	8230	890	600	9312		295	9311			
Oct 2008	600	71	46	410	6.7	31	410	754	1101.26	11604
Nov 2008	600	61	46	580	9.8	24	580	755	1101.38	11615
Dec 2008	800	53	40	579	9.4	12	579	769	1103.69	11824
Jan 2009	800	125	33	674	11.0	13	674	781	1105.80	12016
Feb 2009	800	110	30	629	11.3	13	629	796	1108.21	12239
Mar 2009	650	78	34	927	15.1	17	927	780	1105.67	12004
Apr 2009	650	66	42	1058	17.8	23	1058	755	1101.47	11623
May 2009	900	64	48	1046	17.0	35	1046	745	1099.74	11468
Jun 2009	1000	12	57	991	16.7	34	991	741	1099.01	11402

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Davis Dam - Lake Mohave

	Hoover Release 1000 Ac-Ft	Side inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Spill Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
* Jul 2006	967	-9	933	0	933	15.2	642.85	1695
H Aug 2006	818	-15	791	0	791	12.9	643.26	1706
I Sep 2006	633	-16	738	0	738	12.4	638.76	1584
WY 2006	9395	-224	9152	0	9152			
S Oct 2006	564	5	686	0	686	11.2	634.29	1467
T Nov 2006	525	5	489	0	489	8.2	635.85	1508
O Dec 2006	621	-7	542	0	542	8.8	638.56	1579
R Jan 2007	639	-20	541	0	541	8.8	641.43	1656
I Feb 2007	647	-16	649	0	649	11.7	640.75	1638
C Mar 2007	970	-28	895	0	895	14.6	642.49	1685
A Apr 2007	1093	-34	1001	0	1001	16.8	644.58	1742
L May 2007	1026	-37	996	0	996	16.2	644.29	1734
* Jun 2007	958	-34	965	0	965	16.2	642.79	1693
Jul 2007	949	-37	919	0	919	14.9	642.50	1685
Aug 2007	780	-41	738	0	738	12.0	642.50	1685
Sep 2007	662	-17	765	0	765	12.9	638.00	1564
WY 2007	9434	-261	9186	0	9186			
Oct 2007	402	0	595	0	595	9.7	630.49	1371
Nov 2007	595	-14	491	0	491	8.3	634.00	1460
Dec 2007	604	-18	463	0	463	7.5	638.71	1583
Jan 2008	665	-19	562	0	562	9.1	641.80	1666
Feb 2008	613	-14	599	0	599	10.4	641.80	1666
Mar 2008	907	-24	848	0	848	13.8	643.05	1700
Apr 2008	1052	-27	1025	0	1025	17.2	643.01	1699
May 2008	1035	-32	1003	0	1003	16.3	643.01	1699
Jun 2008	998	-25	999	0	999	16.8	642.00	1671
Jul 2008	926	-24	914	0	914	14.9	641.50	1658
Aug 2008	806	-23	782	0	782	12.7	641.50	1658
Sep 2008	709	-17	785	0	785	13.2	638.00	1564
WY 2008	9312	-237	9066	0	9066			
Oct 2008	410	0	603	0	603	9.8	630.49	1371
Nov 2008	580	-14	477	0	477	8.0	634.00	1460
Dec 2008	579	-18	437	0	437	7.1	638.71	1583
Jan 2009	674	-19	571	0	571	9.3	641.80	1666
Feb 2009	629	-14	615	0	615	11.1	641.80	1666
Mar 2009	927	-24	869	0	869	14.1	643.05	1700
Apr 2009	1058	-27	1031	0	1031	17.3	643.01	1699
May 2009	1046	-32	1014	0	1014	16.5	643.01	1699
Jun 2009	991	-25	993	0	993	16.7	642.00	1671

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Parker Dam - Lake Havasu

		Davis Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	MWD Diversion 1000 Ac-Ft	CAP diversion 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft	Flow_to Mexico 1000 Ac-Ft	Flow_to Mexico 1000 CFS
*	Jul 2006	933	-24	742	12.1	81	77	448.22	584	125	2.0
H	Aug 2006	791	-25	636	10.3	87	47	447.98	580	99	1.6
I	Sep 2006	738	-18	548	9.2	60	137	446.67	555	94	1.6
	WY 2006	9152	-100	6695		827	1525			1552	
S	Oct 2006	686	-1	457	7.4	24	181	447.85	577	80	1.3
T	Nov 2006	489	-4	362	6.1	14	119	447.24	566	100	1.7
O	Dec 2006	542	-10	334	5.4	25	154	448.23	584	122	2.0
R	Jan 2007	541	0	366	5.9	50	134	447.71	575	123	2.0
I	Feb 2007	649	-19	472	8.5	59	131	445.97	542	149	2.7
C	Mar 2007	895	0	684	11.1	20	171	447.06	562	203	3.3
A	Apr 2007	1001	-4	751	12.6	76	161	447.53	571	198	3.3
L	May 2007	996	-11	721	11.7	86	159	448.56	591	109	1.8
*	Jun 2007	965	-20	721	12.1	83	145	448.30	586	118	2.0
	Jul 2007	919	-14	764	12.4	64	86	447.80	576	124	2.0
	Aug 2007	738	0	616	10.0	86	42	447.47	570	93	1.5
	Sep 2007	765	-12	558	9.4	59	148	446.81	557	89	1.5
	WY 2007	9186	-95	6806		646	1631			1508	
	Oct 2007	595	4	475	7.7	14	119	446.31	548	75	1.2
	Nov 2007	491	10	369	6.2	13	126	446.00	543	101	1.7
	Dec 2007	463	8	316	5.1	15	143	445.80	539	122	2.0
	Jan 2008	562	21	347	5.6	57	180	445.80	539	122	2.0
	Feb 2008	599	33	407	7.1	67	155	446.00	543	149	2.6
	Mar 2008	848	29	691	11.2	22	152	446.70	555	202	3.3
	Apr 2008	1025	-4	781	13.1	47	155	448.71	594	195	3.3
	May 2008	1003	-13	728	11.8	85	176	448.71	594	109	1.8
	Jun 2008	999	-23	742	12.5	93	141	448.71	594	120	2.0
	Jul 2008	914	-19	743	12.1	96	69	448.00	580	124	2.0
	Aug 2008	782	-12	615	10.0	96	68	447.50	570	93	1.5
	Sep 2008	785	-12	558	9.4	93	135	446.81	557	89	1.5
	WY 2008	9066	22	6772		698	1619			1501	
	Oct 2008	603	4	473	7.7	34	110	446.31	548	75	1.2
	Nov 2008	477	10	366	6.2	16	111	446.00	543	101	1.7
	Dec 2008	437	8	313	5.1	13	123	445.80	539	122	2.0
	Jan 2009	571	21	346	5.6	67	179	445.80	539	122	2.0
	Feb 2009	615	32	405	7.3	79	160	446.00	543	149	2.7
	Mar 2009	869	29	686	11.2	26	174	446.70	555	202	3.3
	Apr 2009	1031	-4	773	13.0	55	160	448.71	594	195	3.3
	May 2009	1014	-13	719	11.7	101	180	448.71	594	109	1.8
	Jun 2009	993	-23	733	12.3	110	127	448.71	594	120	2.0

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Hoover Dam - Lake Mead

	Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Hoover Static Head Feet	Hoover Generator Capacity MW	Hoover Gross Energy MKWH	Percent Of Units Available	KWH/AF
* Jul 2006	967	15.7	1126.42	13993	-185	0.00	1793.0	396.0	100	409.4
H Aug 2006	818	13.3	1126.54	14005	12	0.00	1751.0	331.9	100	405.6
I Sep 2006	633	10.6	1125.36	13887	-118	0.00	1793.0	250.8	100	396.1
WY 2006	9395							3871.7		
S Oct 2006	564	9.2	1126.13	13964	77	0.00	1551.0	223.2	88	395.7
T Nov 2006	525	8.8	1126.63	14014	50	0.00	1128.0	210.9	64	401.7
O Dec 2006	621	10.1	1128.12	14164	150	0.00	1128.0	252.7	64	407.1
R Jan 2007	639	10.4	1129.55	14309	145	0.00	1233.0	262.8	70	411.6
I Feb 2007	647	11.6	1129.35	14288	-20	0.00	969.0	267.6	55	413.7
C Mar 2007	970	15.8	1125.79	13930	-358	0.00	1319.0	406.2	74	418.7
A Apr 2007	1093	18.4	1120.69	13426	-504	0.00	1275.0	455.6	73	416.9
L May 2007	1026	16.7	1115.89	12963	-463	0.00	1506.0	417.8	88	407.3
* Jun 2007	958	16.1	1113.50	12735	-228	0.00	1742.0	384.0	100	400.9
Jul 2007	949	15.4	1111.23	12521	-214	458.87	1730.0	390.7	100	411.8
Aug 2007	780	12.7	1111.03	12502	-18	457.73	1706.0	319.6	100	409.8
Sep 2007	662	11.1	1110.46	12449	-54	458.82	1706.0	266.9	100	403.3
WY 2007	9432							3858.0		
Oct 2007	402	6.5	1112.37	12629	180	464.13	1364.8	160.0	80	398.2
Nov 2007	595	10.0	1112.33	12624	-4	469.50	1057.7	249.3	62	419.0
Dec 2007	604	9.8	1114.27	12808	184	468.08	1057.7	251.9	62	416.8
Jan 2008	665	10.8	1116.36	13008	200	467.65	1062.6	277.1	61	416.9
Feb 2008	613	10.7	1116.91	13061	53	467.07	1202.0	253.2	69	412.8
Mar 2008	907	14.7	1114.15	12797	-263	464.79	1323.9	380.6	76	419.8
Apr 2008	1052	17.7	1109.64	12373	-425	460.23	1381.9	440.7	81	419.0
May 2008	1035	16.8	1105.01	11945	-428	456.47	1244.7	430.3	74	415.5
Jun 2008	998	16.8	1100.59	11544	-401	449.46	1682.0	400.4	100	401.4
Jul 2008	926	15.1	1099.23	11422	-122	447.08	1633.0	371.1	100	400.9
Aug 2008	806	13.1	1100.11	11501	79	447.01	1633.0	324.5	100	402.8
Sep 2008	709	11.9	1099.33	11431	-70	448.20	1633.0	283.0	100	399.0
WY 2008	9311							3822.0		
Oct 2008	410	6.7	1101.26	11604	173	453.18	1290.1	161.1	79	392.7
Nov 2008	580	9.8	1101.38	11615	11	455.02	1535.0	232.4	94	400.6
Dec 2008	579	9.4	1103.69	11824	209	457.36	1012.5	235.1	62	406.2
Jan 2009	674	11.0	1105.80	12016	193	457.12	983.3	276.0	61	409.6
Feb 2009	629	11.3	1108.21	12239	223	457.48	1112.3	257.6	69	409.4
Mar 2009	927	15.1	1105.67	12004	-235	456.24	1225.1	384.2	76	414.3
Apr 2009	1058	17.8	1101.47	11623	-382	451.94	1305.7	436.2	81	412.4
May 2009	1046	17.0	1099.74	11468	-155	449.78	1192.9	429.4	74	410.6
Jun 2009	991	16.7	1099.01	11402	-66	446.06	1612.0	394.7	100	398.2

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Davis Dam - Lake Mohave

	Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Davis Static Head Feet	Davis Generator Capacity MW	Davis Gross Energy MKWH	Percent Of Units Available	KWH/AF
* Jul 2006	933	15.2	642.85	1695	24	0.00	255.0	114.5	100	122.8
H Aug 2006	791	12.9	643.26	1706	11	0.00	255.0	95.7	100	120.9
I Sep 2006	738	12.4	638.76	1584	-122	0.00	255.0	100.0	100	135.4
WY 2006	9152							1131.8		
S Oct 2006	686	11.2	634.29	1467	-117	0.00	207.0	81.7	81	119.2
T Nov 2006	489	8.2	635.85	1508	40	0.00	186.0	57.1	73	116.6
O Dec 2006	542	8.8	638.56	1579	71	0.00	184.0	64.5	72	119.0
R Jan 2007	541	8.8	641.43	1656	77	0.00	184.0	66.9	72	123.7
I Feb 2007	649	11.7	640.75	1638	-18	0.00	204.0	81.3	80	125.3
C Mar 2007	895	14.6	642.49	1685	47	0.00	212.0	112.7	83	126.0
A Apr 2007	1001	16.8	644.58	1742	57	0.00	255.0	125.6	100	125.5
L May 2007	996	16.2	644.29	1734	-8	0.00	255.0	126.4	100	126.9
* Jun 2007	965	16.2	642.79	1693	-41	0.00	255.0	122.2	100	126.6
Jul 2007	919	14.9	642.50	1685	-8	135.67	255.0	114.8	100	125.0
Aug 2007	738	12.0	642.50	1685	0	135.52	255.0	92.9	100	125.8
Sep 2007	765	12.9	638.00	1564	-121	133.16	255.0	94.5	100	123.5
WY 2007	9186							1140.6		
Oct 2007	595	9.7	630.49	1371	-193	126.83	255.0	70.9	100	119.2
Nov 2007	491	8.3	634.00	1460	89	124.93	247.4	58.0	97	118.0
Dec 2007	463	7.5	638.71	1583	123	129.99	221.9	56.4	87	122.0
Jan 2008	562	9.1	641.80	1666	83	133.72	234.6	70.2	92	124.8
Feb 2008	599	10.4	641.80	1666	0	135.26	237.2	75.3	93	125.7
Mar 2008	848	13.8	643.05	1700	34	135.93	237.2	106.2	93	125.1
Apr 2008	1025	17.2	643.01	1699	-1	136.08	255.0	127.8	100	124.6
May 2008	1003	16.3	643.01	1699	0	136.05	255.0	125.3	100	124.9
Jun 2008	999	16.8	642.00	1671	-28	135.52	255.0	124.2	100	124.3
Jul 2008	914	14.9	641.50	1658	-14	134.73	255.0	113.6	100	124.2
Aug 2008	782	12.7	641.50	1658	0	134.46	255.0	97.5	100	124.7
Sep 2008	785	13.2	638.00	1564	-94	132.63	255.0	96.6	100	122.9
WY 2008	9067							1121.7		
Oct 2008	603	9.8	630.49	1371	-193	126.83	255.0	71.9	100	119.2
Nov 2008	477	8.0	634.00	1460	89	124.93	247.4	56.3	97	118.1
Dec 2008	437	7.1	638.71	1583	123	129.99	221.9	53.4	87	122.1
Jan 2009	571	9.3	641.80	1666	83	133.72	234.6	71.2	92	124.8
Feb 2009	615	11.1	641.80	1666	0	135.26	237.2	77.2	93	125.5
Mar 2009	869	14.1	643.05	1700	34	135.93	237.2	108.7	93	125.0
Apr 2009	1031	17.3	643.01	1699	-1	136.08	255.0	128.5	100	124.6
May 2009	1014	16.5	643.01	1699	0	136.05	255.0	126.5	100	124.8
Jun 2009	993	16.7	642.00	1671	-28	135.52	255.0	123.5	100	124.3

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Parker Dam - Lake Havasu

	Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Parker Static Head Feet	Parker Generator Capacity MW	Parker Gross Energy MKWH	Percent Of Units Available	KWH/AF
* Jul 2006	742	12.1	448.22	584	8	0.00	120.0	49.9	100	67.2
H Aug 2006	636	10.3	447.98	580	-5	0.00	120.0	41.6	100	65.4
I Sep 2006	548	9.2	446.67	555	-25	0.00	120.0	37.0	100	67.6
WY 2006	6695							448.2		
S Oct 2006	457	7.4	447.85	577	22	0.00	91.0	30.8	76	67.4
T Nov 2006	363	6.1	447.24	566	-11	0.00	96.0	24.1	80	66.5
O Dec 2006	334	5.4	448.23	584	19	0.00	107.0	21.8	89	65.2
R Jan 2007	366	5.9	447.71	575	-10	0.00	97.0	24.7	81	67.6
I Feb 2007	472	8.5	445.97	542	-32	0.00	108.0	31.4	90	66.6
C Mar 2007	684	11.1	447.06	562	20	0.00	109.0	45.5	91	66.6
A Apr 2007	751	12.6	447.53	571	9	0.00	120.0	49.3	100	65.6
L May 2007	721	11.7	448.56	591	20	0.00	120.0	48.2	100	66.9
* Jun 2007	721	12.1	448.30	586	-5	0.00	120.0	48.5	100	67.2
Jul 2007	764	12.4	447.80	576	-10	75.42	120.0	50.6	100	66.2
Aug 2007	616	10.0	447.47	570	-6	75.02	120.0	40.3	100	65.4
Sep 2007	558	9.4	446.81	557	-13	74.54	120.0	36.3	100	64.9
WY 2007	6805							451.4		
Oct 2007	475	7.7	446.31	548	-9	75.98	79.2	31.3	66	66.0
Nov 2007	369	6.2	446.00	543	-6	75.58	79.2	23.9	66	64.9
Dec 2007	316	5.1	445.80	539	-4	75.34	79.2	20.2	66	64.0
Jan 2008	347	5.6	445.80	539	0	74.64	90.0	22.1	75	63.8
Feb 2008	407	7.1	446.00	543	4	74.74	90.0	26.3	75	64.6
Mar 2008	691	11.2	446.70	555	13	75.17	90.0	45.7	75	66.1
Apr 2008	781	13.1	448.71	594	38	75.09	120.0	51.5	100	66.0
May 2008	728	11.8	448.71	594	0	76.06	120.0	48.5	100	66.6
Jun 2008	742	12.5	448.71	594	0	76.06	120.0	49.5	100	66.7
Jul 2008	743	12.1	448.00	580	-14	75.72	120.0	49.3	100	66.3
Aug 2008	615	10.0	447.50	570	-10	75.13	120.0	40.3	100	65.5
Sep 2008	558	9.4	446.81	557	-13	74.55	120.0	36.2	100	64.9
WY 2008	6771							444.8		
Oct 2008	473	7.7	446.31	548	-9	74.43	109.2	30.5	91	64.5
Nov 2008	366	6.2	446.00	543	-6	74.04	109.2	23.3	91	63.5
Dec 2008	313	5.1	445.80	539	-4	73.80	109.2	19.6	91	62.7
Jan 2009	346	5.6	445.80	539	0	74.64	90.0	22.1	75	63.8
Feb 2009	405	7.3	446.00	543	4	74.74	90.0	26.2	75	64.7
Mar 2009	686	11.2	446.70	555	13	75.17	90.0	45.3	75	66.1
Apr 2009	773	13.0	448.71	594	38	75.09	120.0	51.0	100	66.0
May 2009	719	11.7	448.71	594	0	76.06	120.0	47.9	100	66.5
Jun 2009	733	12.3	448.71	594	0	76.06	120.0	48.8	100	66.6

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Upper Basin Power

	Glen Canyon 1000 MWHR	Flam Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Res 1000 MWHR	Font Res 1000 MWHR
* Jul 2006	351	20	38	43	22	6
H Aug 2006	349	18	38	45	22	6
I Sep 2006	223	19	30	39	20	2
Summer 2006	923	56	106	126	64	13
S Oct 2006	254	19	20	25	15	4
T Nov 2006	254	19	14	18	10	4
O Dec 2006	338	28	25	31	18	4
R Jan 2007	336	28	25	31	16	4
I Feb 2007	251	25	14	18	4	3
C Mar 2007	249	20	10	12	7	3
Winter 2007	1682	139	109	134	69	22
A Apr 2007	250	18	11	17	11	3
L May 2007	254	52	11	19	15	3
* Jun 2007	343	26	13	18	15	3
Jul 2007	325	19	31	37	18	4
Aug 2007	323	18	30	36	18	4
Sep 2007	241	18	29	36	18	3
Summer 2007	1735	152	126	163	94	21
Oct 2007	238	18	19	23	12	3
Nov 2007	238	18	10	13	7	3
Dec 2007	316	18	16	20	10	3
Jan 2008	314	18	18	22	12	3
Feb 2008	234	17	16	21	11	3
Mar 2008	234	18	18	23	13	3
Winter 2008	1574	109	96	123	65	19
Apr 2008	234	18	20	29	16	4
May 2008	237	49	22	36	23	7
Jun 2008	265	93	21	32	22	9
Jul 2008	353	37	34	41	23	10
Aug 2008	373	37	38	45	23	10
Sep 2008	261	36	36	43	22	6
Summer 2008	1722	270	170	226	129	45
Oct 2008	247	37	24	29	15	6
Nov 2008	247	36	15	19	10	6
Dec 2008	329	42	19	24	12	6
Jan 2009	327	42	21	27	14	5
Feb 2009	325	37	16	20	11	5
Mar 2009	263	37	17	23	12	5
Winter 2009	1737	231	111	142	74	33
Apr 2009	263	36	20	29	16	6
May 2009	368	56	21	36	23	7
Jun 2009	417	86	21	32	22	9

BUREAU OF RECLAMATION - CRFS 7/2007 MOST PROB WATER SUPPLY JOB STARTED:Tus JUL 17 12:54:27 2007

model_run_id = 1678

F L O O D C O N T R O L C R I T E R I A
B E G I N N I N G O F M O N T H C O N D I T I O N S

MON	YEAR	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	LAKE POWELL KAF	UPPER BASIN TOTAL KAF	LAKE MEAD KAF	TOTAL KAF	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	TOT OR MAX ALLOW KAF	LAKE POWELL KAF	LAKE MEAD KAF	TOTAL KAF	BOM SPACE REQD KAF	MEAD SCHED REL KAF	MEAD FC REL KAF	SYS CONT MAF
		* * * * P R E D I C T E D S P A C E * * * *							* * * * E F F E C T I V E S P A C E * * * *									
JUL	2007	747	43	76	11438	12304	14645	26949	-3	-45	20	-28	11438	14645	26056	1500	949	0	33.3
												* * * * C R E D I T A B L E S P A C E * * * *							
AUG	2007	764	81	116	11656	12617	14859	27476	764	81	116	961	11656	14859	27476	1500	780	0	32.8
SEP	2007	791	128	153	11999	13071	14878	27949	791	128	153	1072	11999	14878	27949	2270	662	0	32.4
OCT	2007	829	188	183	12143	13342	14931	28273	829	188	183	1200	12143	14931	28273	3040	402	0	32.1
NOV	2007	852	215	271	12211	13549	14751	28300	852	215	271	1338	12211	14751	28300	3810	595	0	32.1
DEC	2007	856	221	279	12341	13696	14756	28452	856	221	279	1355	12341	14756	28452	4580	604	0	32.0
JAN	2008	872	248	289	12674	14082	14572	28654	872	248	289	1409	12674	14572	28654	5350	665	0	31.9
												* * * * E F F E C T I V E S P A C E * * * *							
JAN	2008	872	248	289	12674	14082	14572	28654	526	248	190	964	12674	14572	28209	5350	665	0	31.9
FEB	2008	884	283	300	13025	14493	14372	28865	536	283	201	1020	13025	14372	28417	1500	613	0	31.7
MAR	2008	887	316	300	13190	14693	14319	29013	536	316	200	1052	13190	14319	28561	1500	907	0	31.5
APR	2008	839	342	255	13256	14693	14583	29275	483	342	149	975	13256	14583	28813	1500	1052	0	31.4
MAY	2008	754	339	166	13138	14397	15007	29404	390	339	41	771	13138	15007	28916	1500	1035	0	32.4
JUN	2008	634	218	180	11988	13019	15435	28455	260	217	20	497	11988	15435	27920	1500	998	0	33.9
JUL	2008	506	39	260	10295	11100	15836	26936	118	14	48	179	10295	15836	26311	1500	926	0	34.1
												* * * * C R E D I T A B L E S P A C E * * * *							
AUG	2008	406	27	267	9991	10692	15958	26650	406	27	267	701	9991	15958	26650	1500	806	0	33.8
SEP	2008	427	79	277	10260	11042	15879	26921	427	79	277	783	10260	15879	26921	2270	709	0	33.5
OCT	2008	478	152	279	10335	11245	15949	27194	478	152	279	910	10335	15949	27194	3040	410	0	33.3
NOV	2008	528	190	279	10380	11378	15776	27153	528	190	279	997	10380	15776	27153	3810	580	0	33.3
DEC	2008	579	208	281	10424	11492	15765	27257	579	208	281	1068	10424	15765	27257	4580	579	0	33.2
JAN	2009	657	248	288	10689	11882	15556	27439	657	248	288	1193	10689	15556	27439	5350	674	0	33.1
												* * * * E F F E C T I V E S P A C E * * * *							
JAN	2009	657	248	288	10689	11882	15556	27439	303	248	207	758	10689	15556	27003	5350	674	0	33.1
FEB	2009	731	295	297	10974	12297	15364	27661	376	295	215	886	10974	15364	27224	1500	629	0	32.9
MAR	2009	790	327	297	11284	12698	15141	27839	433	327	214	974	11284	15141	27399	1500	927	0	32.7
APR	2009	792	351	250	11353	12747	15376	28122	431	351	161	944	11353	15376	27673	1500	1058	0	32.6
MAY	2009	755	346	161	11238	12500	15757	28258	388	346	53	786	11238	15757	27782	1500	1046	0	33.5
JUN	2009	654	218	168	10352	11392	15912	27304	277	215	25	516	10352	15912	26780	1500	991	0	35.0

To: All Annual Operating Plan Recipients

From: Lower Colorado Region
Boulder Canyon Operations Office
River Operations Group
Douglas B. Blatchford, P.E.
P.O. Box 61470
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This operational study reflects the 2007 Annual Operating Plan (AOP) as signed by the Secretary of the Interior. The Partial Domestic Surplus condition is the criterion governing the operation of Lake Mead for Calendar Year 2007. A copy of the 2007 AOP can be obtained by contacting (702)293-8190 or visiting our website at www.usbr.gov/lc/riverops.html.

In this study, the Calendar Year (CY) 2007 diversion for Metropolitan Water District of Southern California (MWD) is forecasted to be 0.647 million acre-feet (maf). The CY 2007 diversion for the Central Arizona Project (CAP) is forecasted to be 1.557 maf. Consumptive use for Nevada above Hoover is forecasted to be 0.308 maf for CY 2007.

According to Sections 2(B)(1) and (7) of the Interim Surplus Guidelines, the Partial Domestic Surplus Condition is the criterion governing the operation of Lake Mead for calendar year 2007 in accordance with Article III(3)(b) of the Operating Criteria, and Article II(B)(2) of the Consolidated Decree. It should be noted, however, that the projected releases in 2007 currently reflect demands under the Normal Condition for the Metropolitan Water District of Southern California (MWD), the Central Arizona Project (CAP), and the Southern Nevada Water Authority (SNWA), per their request. This does not, however, preclude the MWD, CAP, and SNWA from requesting Partial Domestic Surplus water in calendar year 2007.

Due to declining Lake Mead elevations, Hoover's generator capacity is adjusted based on estimated effective capacity and plant availability. The estimated effective capacity is based on projected Lake Mead elevations. Unit capacity tests will be performed as the lake elevation changes in 2' increments. This study reflects these changes in the projections.

Current runoff projections into Lake Powell are provided by the National Weather Service's Colorado Basin River Forecast Center and are as follows: observed unregulated inflow into Lake Powell for the month of August, 2007 was 0.378 maf or 62% of the 30 year average. The forecast for September, 2007 unregulated inflow into Lake Powell is 0.375 maf or 79% of the 30 year average. The observed April through July unregulated inflow is 4.051 maf or 51% of average.

Hoover, Davis, and Parker historical gross energy figures come from PO&M reports provided by the Power and O&M Group, Boulder Canyon Operations, Bureau of Reclamation, Boulder City, Nevada. Questions regarding these historical energy numbers can be directed to Larry Karr at (702) 293-8094.

(Note: Lower Basin previous months' historical SNWP and flow to Mexico values are preliminary estimates.)

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Fontenelle Reservoir

	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
* Sep 2006	29	2	23	28	51	6491.84	240
WY 2006	895	17	683	200	883		
H Oct 2006	41	1	54	1	55	6489.68	226
I Nov 2006	40	1	54	0	54	6487.35	210
S Dec 2006	29	1	57	0	57	6482.67	182
T Jan 2007	26	1	56	0	56	6477.07	152
O Feb 2007	26	0	50	0	50	6471.76	127
R Mar 2007	62	0	56	0	56	6473.15	133
I Apr 2007	49	1	51	0	51	6472.62	131
C May 2007	109	1	49	0	49	6483.80	189
A Jun 2007	89	2	48	0	48	6489.96	228
L Jul 2007	46	2	50	0	50	6489.09	222
* Aug 2007	35	2	50	0	50	6486.48	205
Sep 2007	30	1	42	1	43	6484.24	191
WY 2007	582	13	617	2	619		
Oct 2007	30	1	43	0	43	6481.86	177
Nov 2007	30	1	42	0	42	6479.68	165
Dec 2007	25	1	43	0	43	6476.02	146
Jan 2008	23	0	43	0	43	6471.59	126
Feb 2008	21	0	40	0	40	6466.87	106
Mar 2008	40	0	43	0	43	6466.00	103
Apr 2008	69	1	42	0	42	6472.41	130
May 2008	137	1	52	0	52	6487.75	213
Jun 2008	240	2	104	40	144	6501.10	307
Jul 2008	145	3	100	8	108	6505.47	341
Aug 2008	65	2	92	0	92	6501.71	312
Sep 2008	38	2	60	5	65	6497.81	283
WY 2008	863	14	704	53	757		
Oct 2008	49	1	68	0	68	6495.00	262
Nov 2008	41	1	65	0	65	6491.37	237
Dec 2008	32	1	68	0	68	6485.79	201
Jan 2009	30	1	68	0	68	6479.13	162
Feb 2009	27	0	61	0	61	6471.99	128
Mar 2009	51	0	70	0	70	6467.43	109
Apr 2009	89	1	89	0	89	6467.17	107
May 2009	176	1	98	10	108	6481.34	174
Jun 2009	308	2	103	70	173	6501.12	307
Jul 2009	186	3	100	48	148	6505.66	343
Aug 2009	83	2	99	1	100	6503.17	323

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Flaming Gorge Reservoir

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Yampa Flow 1000 Ac-Ft	Jensen Flow 1000 Ac-Ft
*	Sep 2006	31	54	10	50	0	50	88	6024.19	3130	22	77
	WY 2006	1041	1031	77	999	3	1002					2585
H	Oct 2006	50	64	7	50	0	50	88	6024.37	3137	0	114
I	Nov 2006	43	57	4	48	0	48	89	6024.50	3142	0	100
S	Dec 2006	29	58	2	76	0	76	88	6023.99	3123	0	110
T	Jan 2007	33	63	2	75	0	75	87	6023.61	3109	0	592
O	Feb 2007	45	69	2	66	0	66	87	6023.65	3111	0	392
R	Mar 2007	119	113	3	51	0	51	90	6025.19	3167	0	221
I	Apr 2007	73	75	5	50	0	50	90	6025.71	3187	0	263
C	May 2007	164	106	8	138	0	138	89	6024.67	3148	0	525
A	Jun 2007	90	49	10	69	0	69	88	6023.89	3119	0	227
L	Jul 2007	42	45	13	55	0	55	87	6023.31	3098	0	81
*	Aug 2007	32	46	12	51	0	51	86	6022.87	3082	0	66
	Sep 2007	33	46	11	48	0	48	86	6022.53	3070	0	48
	WY 2007	753	791	79	777	0	777					2739
	Oct 2007	35	48	7	49	0	49	86	6022.31	3062	0	49
	Nov 2007	35	47	3	48	0	48	85	6022.20	3058	0	48
	Dec 2007	29	47	2	49	0	49	85	6022.09	3054	0	49
	Jan 2008	32	52	2	49	0	49	85	6022.13	3055	0	49
	Feb 2008	36	55	2	46	0	46	86	6022.32	3062	0	46
	Mar 2008	80	83	3	49	0	49	87	6023.15	3092	0	49
	Apr 2008	110	83	5	48	0	48	87	6023.95	3122	0	48
	May 2008	203	118	7	132	0	132	87	6023.37	3100	0	132
	Jun 2008	309	213	10	126	0	126	89	6025.40	3175	0	126
	Jul 2008	169	132	13	77	0	77	91	6026.50	3216	0	77
	Aug 2008	75	102	12	77	0	77	91	6026.83	3228	0	77
	Sep 2008	45	72	11	74	0	74	91	6026.50	3216	0	74
	WY 2008	1158	1052	77	824	0	824					824
	Oct 2008	59	78	7	77	0	77	90	6026.35	3210	0	77
	Nov 2008	51	76	3	74	0	74	90	6026.30	3209	0	74
	Dec 2008	37	72	2	92	0	92	90	6025.75	3188	0	92
	Jan 2009	41	79	2	92	0	92	89	6025.36	3174	0	92
	Feb 2009	45	79	2	83	0	83	89	6025.20	3168	0	83
	Mar 2009	103	122	3	92	0	92	90	6025.90	3194	0	92
	Apr 2009	142	143	5	95	0	95	91	6027.00	3235	0	95
	May 2009	263	195	8	151	0	151	92	6027.95	3271	0	151
	Jun 2009	400	264	10	234	0	234	93	6028.47	3290	0	234
	Jul 2009	219	181	14	98	0	98	95	6030.21	3357	0	98
	Aug 2009	97	114	13	98	0	98	95	6030.28	3360	0	98

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Taylor Park Reservoir

		Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Sep 2006	8	14	9311.30	72
	WY 2006	119	116		
H	Oct 2006	10	5	9314.16	77
I	Nov 2006	6	4	9315.22	79
S	Dec 2006	5	5	9315.38	79
T	Jan 2007	4	5	9315.07	78
O	Feb 2007	3	4	9314.65	78
R	Mar 2007	6	5	9315.67	79
I	Apr 2007	8	5	9317.64	83
C	May 2007	27	11	9325.94	98
A	Jun 2007	27	23	9327.98	102
L	Jul 2007	15	25	9322.65	92
*	Aug 2007	10	18	9318.20	84
	Sep 2007	7	16	9312.68	74
	WY 2007	128	126		
	Oct 2007	5	12	9308.44	67
	Nov 2007	4	5	9308.10	67
	Dec 2007	4	5	9307.56	66
	Jan 2008	4	5	9306.95	65
	Feb 2008	4	5	9306.19	64
	Mar 2008	4	5	9305.69	63
	Apr 2008	8	8	9305.91	64
	May 2008	27	14	9314.19	77
	Jun 2008	43	20	9326.72	100
	Jul 2008	20	22	9325.91	98
	Aug 2008	10	20	9320.63	88
	Sep 2008	7	16	9315.55	79
	WY 2008	140	137		
	Oct 2008	6	12	9312.02	73
	Nov 2008	5	6	9311.33	72
	Dec 2008	4	5	9310.98	71
	Jan 2009	4	5	9310.47	71
	Feb 2009	4	5	9309.77	70
	Mar 2009	4	5	9309.29	69
	Apr 2009	8	10	9308.22	67
	May 2009	27	18	9313.91	76
	Jun 2009	43	20	9326.48	99
	Jul 2009	20	22	9325.67	98
	Aug 2009	10	20	9320.37	88

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Blue Mesa Reservoir

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Sep 2006	41	48	1	99	0	99	7500.66	667
	WY 2006	828	828	8	740	0	740		
H	Oct 2006	70	65	1	74	0	74	7499.52	657
I	Nov 2006	42	40	0	52	0	52	7498.10	646
S	Dec 2006	35	35	0	93	0	93	7490.78	587
T	Jan 2007	30	31	0	93	0	93	7482.56	525
O	Feb 2007	26	27	0	54	0	54	7478.89	498
R	Mar 2007	55	54	0	38	0	38	7481.01	513
I	Apr 2007	67	64	1	43	0	43	7483.72	533
C	May 2007	189	174	1	41	0	41	7500.42	665
A	Jun 2007	174	169	1	47	0	47	7514.60	786
L	Jul 2007	81	91	2	99	0	99	7513.48	776
*	Aug 2007	75	83	1	109	0	109	7510.40	749
	Sep 2007	34	43	1	110	0	110	7502.47	682
	WY 2007	878	876	8	853	0	853		
	Oct 2007	30	37	1	73	0	73	7498.01	645
	Nov 2007	28	29	0	54	0	54	7494.78	619
	Dec 2007	24	24	0	62	0	62	7490.00	581
	Jan 2008	23	24	0	61	0	61	7485.19	544
	Feb 2008	21	22	0	51	0	51	7481.29	515
	Mar 2008	32	33	0	55	0	55	7478.17	493
	Apr 2008	70	70	1	68	0	68	7478.31	494
	May 2008	202	189	1	60	0	60	7495.16	622
	Jun 2008	259	236	1	64	0	64	7515.37	793
	Jul 2008	116	118	2	107	0	107	7516.37	802
	Aug 2008	59	69	1	122	0	122	7510.25	748
	Sep 2008	34	43	1	106	0	106	7502.74	684
	WY 2008	898	894	8	883	0	883		
	Oct 2008	35	41	1	82	0	82	7497.69	643
	Nov 2008	31	32	0	52	0	52	7495.15	622
	Dec 2008	25	26	0	66	0	66	7490.01	581
	Jan 2009	24	25	0	73	0	73	7483.68	533
	Feb 2009	22	23	0	60	0	60	7478.61	496
	Mar 2009	34	35	0	61	0	61	7474.89	469
	Apr 2009	73	75	1	72	0	72	7475.21	472
	May 2009	212	203	1	64	0	64	7493.60	610
	Jun 2009	271	248	1	66	0	66	7515.06	790
	Jul 2009	121	122	2	108	0	108	7516.42	803
	Aug 2009	62	72	1	122	0	122	7510.60	751

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Morrow Point Reservoir

		Unreg Inflow 1000 Ac-Ft	Blue_Mesa Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Evap losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Sep 2006	43	99	2	101	0	107	0	107	7145.25	105
	WY 2006	893	740	66	805	0	809	0	809		
H	Oct 2006	69	74	-1	73	0	71	0	71	7148.31	108
I	Nov 2006	41	52	-1	50	0	52	0	52	7146.13	106
S	Dec 2006	31	93	-4	89	0	88	0	88	7146.46	106
T	Jan 2007	25	93	-5	88	0	88	0	88	7145.92	106
O	Feb 2007	24	54	-2	51	0	51	0	51	7145.91	106
R	Mar 2007	58	38	3	41	0	34	0	34	7154.36	113
I	Apr 2007	73	43	6	49	0	50	0	50	7153.49	112
C	May 2007	202	41	13	54	0	53	0	53	7154.94	113
A	Jun 2007	179	47	4	51	0	52	0	52	7153.84	112
L	Jul 2007	73	99	-7	92	0	92	0	92	7153.52	112
*	Aug 2007	67	109	-8	101	0	100	0	100	7154.39	113
	Sep 2007	37	110	3	113	0	113	0	113	7153.73	112
	WY 2007	879	853	1	852	0	844	0	844		
	Oct 2007	32	73	2	75	0	75	0	75	7153.73	112
	Nov 2007	30	54	2	56	0	56	0	56	7153.73	112
	Dec 2007	26	62	2	64	0	64	0	64	7153.73	112
	Jan 2008	26	61	2	63	0	63	0	63	7153.73	112
	Feb 2008	24	51	3	54	0	54	0	54	7153.73	112
	Mar 2008	36	55	4	59	0	59	0	59	7153.73	112
	Apr 2008	80	68	10	78	0	78	0	78	7153.73	112
	May 2008	226	60	24	84	0	84	0	84	7153.73	112
	Jun 2008	279	64	20	83	0	84	0	84	7153.73	112
	Jul 2008	121	107	5	112	0	112	0	112	7153.73	112
	Aug 2008	62	122	3	125	0	125	0	125	7153.73	112
	Sep 2008	37	106	3	109	0	109	0	109	7153.73	112
	WY 2008	979	883	80	962	0	963	0	963		
	Oct 2008	38	82	3	85	0	85	0	85	7153.73	112
	Nov 2008	33	52	2	54	0	54	0	54	7153.73	112
	Dec 2008	27	66	2	68	0	68	0	68	7153.73	112
	Jan 2009	26	73	2	75	0	75	0	75	7153.73	112
	Feb 2009	25	60	3	63	0	63	0	63	7153.73	112
	Mar 2009	38	61	4	65	0	65	0	65	7153.73	112
	Apr 2009	84	72	11	83	0	83	0	83	7153.73	112
	May 2009	237	64	25	89	0	89	0	89	7153.73	112
	Jun 2009	292	66	21	87	0	87	0	87	7153.73	112
	Jul 2009	127	108	7	115	0	115	0	115	7153.73	112
	Aug 2009	65	122	4	126	0	126	0	126	7153.73	112

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Crystal Reservoir

		unreg Inflow 1000 Ac-Ft	Morrow Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Tunnel Flow 1000 Ac-Ft	Below_tunnel Flow 1000 Ac-Ft
*	Sep 2006	47	107	4	114	112	1	113	6746.01	15	53	68
	WY 2006	993	809	98	909	859	50	909			383	559
H	Oct 2006	76	71	7	77	77	0	77	6746.08	15	40	39
I	Nov 2006	46	52	5	57	58	0	58	6740.90	14	0	58
S	Dec 2006	35	88	4	93	93	0	93	6738.89	13	0	99
T	Jan 2007	29	88	4	92	85	8	93	6737.51	13	1	101
O	Feb 2007	27	51	3	55	25	29	54	6739.24	13	2	57
R	Mar 2007	67	34	8	43	42	0	42	6739.82	13	1	43
I	Apr 2007	84	50	11	61	57	0	57	6751.74	17	31	29
C	May 2007	228	53	25	78	78	0	78	6751.27	16	53	29
A	Jun 2007	200	52	21	73	74	0	74	6745.12	15	51	28
L	Jul 2007	80	92	7	99	98	0	98	6748.50	16	66	37
*	Aug 2007	74	100	7	107	108	0	108	6744.63	15	63	51
	Sep 2007	42	113	5	119	116	0	116	6753.04	17	55	61
	WY 2007	988	844	107	954	911	37	948			363	632
	Oct 2007	36	75	4	79	79	0	79	6753.04	17	36	43
	Nov 2007	34	56	4	60	60	0	60	6753.04	17	0	60
	Dec 2007	30	64	4	68	68	0	68	6753.04	17	0	68
	Jan 2008	30	63	5	68	68	0	68	6753.04	17	0	68
	Feb 2008	28	54	4	58	58	0	58	6753.04	17	0	58
	Mar 2008	44	59	8	67	67	0	67	6753.04	17	5	62
	Apr 2008	92	78	12	90	90	0	90	6753.04	17	30	60
	May 2008	259	84	33	117	117	0	117	6753.04	17	55	61
	Jun 2008	315	84	36	119	120	0	120	6753.04	17	60	60
	Jul 2008	137	112	16	128	128	0	128	6753.04	17	65	63
	Aug 2008	71	125	9	134	134	0	134	6753.04	17	65	69
	Sep 2008	43	109	6	115	115	0	115	6753.04	17	55	60
	WY 2008	1119	963	141	1103	1104	0	1104			371	732
	Oct 2008	44	85	7	91	91	0	91	6753.04	17	30	61
	Nov 2008	38	54	5	59	59	0	59	6753.04	17	0	59
	Dec 2008	32	68	5	73	73	0	73	6753.04	17	0	73
	Jan 2009	31	75	5	80	80	0	80	6753.04	17	0	80
	Feb 2009	29	63	4	67	67	0	67	6753.04	17	0	67
	Mar 2009	46	65	7	72	72	0	72	6753.04	17	5	67
	Apr 2009	96	83	12	95	95	0	95	6753.04	17	30	65
	May 2009	272	89	35	124	124	0	124	6753.04	17	55	69
	Jun 2009	330	87	38	125	125	0	125	6753.04	17	60	65
	Jul 2009	144	115	17	132	132	0	132	6753.04	17	65	67
	Aug 2009	74	126	8	134	134	0	134	6753.04	17	65	69

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Vallecito Reservoir

		Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Sep 2006	24	26	7648.87	84
	WY 2006	247	238		
H	Oct 2006	54	42	7653.51	96
I	Nov 2006	15	34	7645.48	76
S	Dec 2006	8	8	7645.38	76
T	Jan 2007	7	6	7645.38	76
O	Feb 2007	5	5	7645.51	76
R	Mar 2007	14	5	7649.56	86
I	Apr 2007	22	5	7656.47	103
C	May 2007	68	45	7664.82	125
A	Jun 2007	67	68	7664.36	124
L	Jul 2007	23	41	7657.48	106
*	Aug 2007	27	34	7654.84	99
	Sep 2007	15	30	7648.55	84
	WY 2007	325	323		
	Oct 2007	11	15	7646.75	79
	Nov 2007	8	8	7646.70	79
	Dec 2007	6	5	7647.04	80
	Jan 2008	5	5	7647.06	80
	Feb 2008	5	5	7647.02	80
	Mar 2008	8	5	7648.22	83
	Apr 2008	21	10	7652.65	93
	May 2008	67	43	7661.84	117
	Jun 2008	75	69	7663.87	122
	Jul 2008	30	43	7658.72	109
	Aug 2008	18	43	7648.46	83
	Sep 2008	16	30	7642.17	69
	WY 2008	270	281		
	Oct 2008	13	15	7641.12	67
	Nov 2008	8	4	7643.00	71
	Dec 2008	6	4	7643.85	73
	Jan 2009	5	4	7644.34	74
	Feb 2009	5	4	7644.57	74
	Mar 2009	8	4	7646.26	78
	Apr 2009	22	10	7651.20	90
	May 2009	69	50	7658.75	109
	Jun 2009	78	65	7663.31	121
	Jul 2009	31	43	7658.47	108
	Aug 2009	19	43	7648.69	84

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Navajo Reservoir

		Mod_Unreg Inflow 1000 Ac-Ft	Azetea Tunnel_Div 1000 Ac-Ft	Reg Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	NIIP Diversion 1000 ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Farm Flow 1000 Ac-Ft
*	Sep 2006	58	6	54	3	15	34	6065.53	1420	57
	WY 2006	688	72	605	32	189	483			848
H	Oct 2006	167	13	141	2	7	29	6073.01	1523	128
I	Nov 2006	42	0	62	1	0	27	6075.33	1556	47
S	Dec 2006	27	0	27	1	1	26	6075.31	1556	50
T	Jan 2007	22	0	21	1	1	29	6074.67	1546	46
O	Feb 2007	31	0	31	1	1	29	6074.65	1546	53
R	Mar 2007	126	13	104	2	5	41	6078.51	1603	76
I	Apr 2007	121	18	87	3	20	44	6079.81	1622	90
C	May 2007	258	34	200	4	25	212	6077.03	1581	257
A	Jun 2007	182	27	154	5	37	73	6079.68	1620	169
L	Jul 2007	33	4	46	5	38	46	6076.77	1577	81
*	Aug 2007	61	7	59	4	33	48	6074.98	1551	84
	Sep 2007	35	1	49	3	20	45	6073.62	1531	45
	WY 2007	1105	117	981	32	188	649			1126
	Oct 2007	33	0	37	2	6	46	6072.42	1514	46
	Nov 2007	25	0	25	1	0	98	6067.09	1441	98
	Dec 2007	20	0	19	1	0	31	6066.20	1429	31
	Jan 2008	21	0	21	1	0	31	6065.41	1418	31
	Feb 2008	29	0	29	1	0	28	6065.44	1419	28
	Mar 2008	84	0	81	2	3	31	6068.77	1464	31
	Apr 2008	166	7	148	3	15	34	6075.61	1560	34
	May 2008	266	46	196	4	27	200	6073.14	1525	200
	Jun 2008	234	37	191	5	41	212	6068.34	1458	212
	Jul 2008	70	3	80	5	44	32	6068.29	1457	32
	Aug 2008	41	3	63	4	37	33	6067.45	1446	33
	Sep 2008	40	2	52	3	21	31	6067.25	1443	31
	WY 2008	1029	98	942	32	194	807			807
	Oct 2008	38	0	40	2	7	31	6067.27	1443	31
	Nov 2008	33	0	29	1	0	30	6067.13	1441	30
	Dec 2008	24	0	22	1	0	31	6066.44	1432	31
	Jan 2009	22	0	21	1	0	31	6065.65	1421	31
	Feb 2009	30	0	30	1	0	28	6065.72	1422	28
	Mar 2009	88	2	82	2	4	31	6069.10	1468	31
	Apr 2009	174	19	142	3	17	30	6075.67	1561	30
	May 2009	279	31	228	4	31	200	6075.20	1554	200
	Jun 2009	246	45	189	5	47	212	6069.90	1479	212
	Jul 2009	74	7	79	5	51	31	6069.35	1472	31
	Aug 2009	43	3	64	4	37	33	6068.61	1461	33

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Lake Powell

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	PowerPlant Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Bank Storage 1000 Ac-Ft	EOM Storage 1000 Ac-Ft	Lees Ferry 1000 Ac-Ft
*	Sep 2006	412	501	46	536	0	536	3601.74	18784	11917	561
	WY 2006	8607	8549	336	8228	0	8228				8491
H	Oct 2006	1018	922	27	606	0	606	3607.96	18463	12526	635
I	Nov 2006	558	536	24	603	0	603	3606.85	18483	12416	628
S	Dec 2006	402	502	21	801	0	801	3603.39	18502	12076	834
T	Jan 2007	315	426	13	800	0	800	3599.51	18487	11703	833
O	Feb 2007	404	462	15	604	0	604	3597.91	18481	11552	625
R	Mar 2007	795	680	13	602	0	602	3598.81	18461	11637	611
I	Apr 2007	802	701	20	600	0	600	3600.35	18394	11784	607
C	May 2007	1577	1441	29	601	0	601	3609.61	18297	12691	602
A	Jun 2007	1308	1072	43	801	0	801	3611.50	18334	12882	810
L	Jul 2007	364	451	44	804	0	804	3607.35	18354	12465	816
*	Aug 2007	378	437	49	804	0	804	3603.58	18308	12095	815
	Sep 2007	375	495	40	603	0	603	3602.17	18297	11958	603
	WY 2007	8296	8125	338	8229	0	8229				8419
	Oct 2007	400	476	36	600	0	600	3600.63	18286	11810	600
	Nov 2007	400	512	30	600	0	600	3599.48	18277	11700	600
	Dec 2007	352	421	25	800	0	800	3595.51	18247	11327	800
	Jan 2008	339	404	18	800	0	800	3591.35	18216	10943	800
	Feb 2008	352	391	17	600	0	600	3589.04	18199	10733	600
	Mar 2008	555	497	21	600	0	600	3587.76	18190	10619	600
	Apr 2008	841	666	24	600	0	600	3588.20	18193	10659	600
	May 2008	1910	1704	33	600	0	600	3598.95	18273	11650	600
	Jun 2008	2482	2159	40	650	0	650	3612.76	18382	13010	650
	Jul 2008	1189	1097	48	850	0	850	3614.56	18396	13195	850
	Aug 2008	500	597	49	900	0	900	3611.38	18370	12869	900
	Sep 2008	406	521	42	630	0	630	3609.99	18359	12730	630
	WY 2008	9726	9445	383	8230	0	8230				8230
	Oct 2008	506	571	38	600	0	600	3609.38	18354	12668	600
	Nov 2008	523	565	31	600	0	600	3608.76	18349	12606	600
	Dec 2008	418	520	26	800	0	800	3605.91	18327	12323	800
	Jan 2009	384	494	19	800	0	800	3602.82	18302	12021	800
	Feb 2009	395	468	18	600	0	600	3601.38	18291	11883	600
	Mar 2009	628	592	22	600	0	600	3601.09	18289	11855	600
	Apr 2009	952	797	26	600	0	600	3602.74	18302	12013	600
	May 2009	2161	1884	36	600	0	600	3614.30	18394	13168	600
	Jun 2009	2808	2495	44	650	0	650	3629.85	18528	14836	650
	Jul 2009	1345	1227	53	850	0	850	3632.51	18552	15136	850
	Aug 2009	566	658	54	900	0	900	3630.09	18530	14863	900

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Hoover Dam - Lake Mead

		Glen Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	SNWP Use 1000 Ac-Ft	Dwnstrm Reqmnts 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
*	Sep 2006	536	69	70	633	10.6	28	628	903	1125.36	13887
	WY 2006	8228	702	668	9395		287	9343			
H	Oct 2006	606	117	51	564	9.2	26	554	908	1126.13	13964
I	Nov 2006	603	47	51	525	8.8	20	523	911	1126.63	14014
S	Dec 2006	801	39	44	621	10.1	15	617	921	1128.12	14164
T	Jan 2007	800	42	36	639	10.4	13	637	930	1129.55	14309
O	Feb 2007	604	67	33	647	11.6	12	646	929	1129.35	14288
R	Mar 2007	602	45	37	970	15.8	21	969	905	1125.79	13930
I	Apr 2007	600	26	45	1093	18.4	25	1089	873	1120.69	13426
C	May 2007	601	17	51	1026	16.7	34	1024	843	1115.89	12963
A	Jun 2007	801	10	61	958	16.1	35	957	828	1113.50	12735
L	Jul 2007	804	67	76	950	15.5	38	949	816	1111.58	12554
*	Aug 2007	804	135	80	803	13.1	30	802	818	1111.84	12578
	Sep 2007	603	100	66	665	11.2	33	665	814	1111.24	12522
	WY 2007	8229	712	631	9461		302	9432			
	Oct 2007	600	71	48	487	7.9	31	487	820	1112.29	12621
	Nov 2007	600	61	48	543	9.1	24	543	823	1112.75	12664
	Dec 2007	800	53	42	528	8.6	12	528	840	1115.42	12918
	Jan 2008	800	125	35	669	10.9	13	669	852	1117.46	13114
	Feb 2008	600	114	32	595	10.3	13	595	857	1118.19	13184
	Mar 2008	600	78	36	920	15.0	17	920	839	1115.31	12908
	Apr 2008	600	66	44	1037	17.4	23	1037	812	1110.98	12497
	May 2008	600	64	49	1053	17.1	35	1053	783	1106.19	12052
	Jun 2008	650	12	58	1006	16.9	34	1006	757	1101.69	11643
	Jul 2008	850	50	72	936	15.2	33	936	748	1100.23	11511
	Aug 2008	900	96	76	811	13.2	30	811	753	1101.05	11585
	Sep 2008	630	100	63	706	11.9	33	706	749	1100.30	11518
	WY 2008	8230	890	603	9291		298	9291			
	Oct 2008	600	71	46	406	6.6	31	406	760	1102.27	11695
	Nov 2008	600	61	46	590	9.9	24	590	760	1102.28	11696
	Dec 2008	800	53	40	571	9.3	12	571	774	1104.66	11912
	Jan 2009	800	125	33	677	11.0	13	677	787	1106.72	12101
	Feb 2009	600	110	30	611	11.0	13	611	790	1107.29	12154
	Mar 2009	600	78	34	941	15.3	17	941	771	1104.08	11860
	Apr 2009	600	66	42	1042	17.5	23	1042	744	1099.49	11445
	May 2009	600	64	47	1064	17.3	35	1064	715	1094.37	10993
	Jun 2009	650	12	55	1000	16.8	34	1000	688	1089.73	10592
	Jul 2009	850	50	68	935	15.2	33	935	680	1088.24	10465
	Aug 2009	900	96	72	818	13.3	30	818	685	1089.07	10536

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Davis Dam - Lake Mohave

		Hoover Release 1000 Ac-Ft	Side inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Spill Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release CFS	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
*	Sep 2006	633	-16	738	0	738	12.4	638.76	1584
	WY 2006	9395	-224	9152	0	9152			
H	Oct 2006	564	5	686	0	686	11.2	634.29	1467
I	Nov 2006	525	5	489	0	489	8.2	635.85	1508
S	Dec 2006	621	-7	542	0	542	8.8	638.56	1579
T	Jan 2007	639	-20	541	0	541	8.8	641.43	1656
O	Feb 2007	647	-16	649	0	649	11.7	640.75	1638
R	Mar 2007	970	-28	895	0	895	14.6	642.49	1685
I	Apr 2007	1093	-34	1001	0	1001	16.8	644.58	1742
C	May 2007	1026	-37	996	0	996	16.2	644.29	1734
A	Jun 2007	958	-34	965	0	965	16.2	642.79	1693
L	Jul 2007	950	-31	916	0	916	14.9	642.89	1696
*	Aug 2007	803	-29	786	0	786	12.8	642.45	1684
	Sep 2007	665	-17	754	0	754	12.7	638.50	1578
	WY 2007	9461	-243	9220	0	9220			
	Oct 2007	487	0	630	0	630	10.2	633.00	1434
	Nov 2007	543	-14	503	0	503	8.5	634.00	1460
	Dec 2007	528	-18	387	0	387	6.3	638.71	1583
	Jan 2008	669	-19	566	0	566	9.2	641.80	1666
	Feb 2008	595	-14	580	0	580	10.1	641.80	1666
	Mar 2008	920	-24	862	0	862	14.0	643.05	1700
	Apr 2008	1037	-27	1010	0	1010	17.0	643.01	1699
	May 2008	1053	-32	1021	0	1021	16.6	643.01	1699
	Jun 2008	1006	-25	1008	0	1008	16.9	642.00	1671
	Jul 2008	936	-24	925	0	925	15.0	641.50	1658
	Aug 2008	811	-23	787	0	787	12.8	641.50	1658
	Sep 2008	706	-17	782	0	782	13.1	638.00	1564
	WY 2008	9291	-237	9061	0	9061			
	Oct 2008	406	0	599	0	599	9.7	630.49	1371
	Nov 2008	590	-14	486	0	486	8.2	634.00	1460
	Dec 2008	571	-18	429	0	429	7.0	638.71	1583
	Jan 2009	677	-19	575	0	575	9.3	641.80	1666
	Feb 2009	611	-14	597	0	597	10.7	641.80	1666
	Mar 2009	941	-24	883	0	883	14.4	643.05	1700
	Apr 2009	1042	-27	1016	0	1016	17.1	643.01	1699
	May 2009	1064	-32	1032	0	1032	16.8	643.01	1699
	Jun 2009	1000	-25	1001	0	1001	16.8	642.00	1671
	Jul 2009	935	-24	923	0	923	15.0	641.50	1658
	Aug 2009	818	-23	794	0	794	12.9	641.50	1658

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Parker Dam - Lake Havasu

		Davis Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	MWD Diversion 1000 Ac-Ft	CAP diversion 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft	Flow_to Mexico 1000 Ac-Ft	Flow_to Mexico 1000 CFS
*	Sep 2006	738	-18	548	9.2	60	137	446.67	555	94	1.6
	WY 2006	9152	-100	6695		827	1525			1552	
H	Oct 2006	686	-1	457	7.4	24	181	447.85	577	80	1.3
I	Nov 2006	489	-4	362	6.1	14	119	447.24	566	100	1.7
S	Dec 2006	542	-10	334	5.4	25	154	448.23	584	122	2.0
T	Jan 2007	541	0	366	5.9	50	134	447.71	575	123	2.0
O	Feb 2007	649	-19	472	8.5	59	131	445.97	542	149	2.7
R	Mar 2007	895	0	684	11.1	20	171	447.06	562	203	3.3
I	Apr 2007	1001	-4	751	12.6	76	161	447.53	571	198	3.3
C	May 2007	996	-11	721	11.7	86	159	448.56	591	109	1.8
A	Jun 2007	965	-17	721	12.1	83	145	448.30	586	118	2.0
L	Jul 2007	916	-2	749	12.2	64	100	448.35	587	124	2.0
*	Aug 2007	786	-12	634	10.3	98	42	448.28	585	97	1.6
	Sep 2007	754	-12	546	9.2	97	126	446.84	558	89	1.5
	WY 2007	9220	-92	6797		696	1623			1512	
	Oct 2007	630	4	473	7.7	14	156	446.31	548	75	1.2
	Nov 2007	503	10	378	6.4	0	141	446.00	543	101	1.7
	Dec 2007	387	8	308	5.0	0	91	445.80	539	122	2.0
	Jan 2008	566	21	350	5.7	57	180	445.80	539	122	2.0
	Feb 2008	580	33	388	6.8	67	155	446.00	543	149	2.6
	Mar 2008	862	29	704	11.5	22	152	446.70	555	202	3.3
	Apr 2008	1010	-4	765	12.9	47	155	448.71	594	195	3.3
	May 2008	1021	-13	747	12.1	85	176	448.71	594	109	1.8
	Jun 2008	1008	-23	751	12.6	93	141	448.71	594	120	2.0
	Jul 2008	925	-19	754	12.3	96	69	448.00	580	124	2.0
	Aug 2008	787	-12	620	10.1	96	68	447.50	570	93	1.5
	Sep 2008	782	-12	554	9.3	93	135	446.81	557	89	1.5
	WY 2008	9061	22	6792		670	1619			1501	
	Oct 2008	599	4	469	7.6	34	110	446.31	548	75	1.2
	Nov 2008	486	10	376	6.3	16	111	446.00	543	101	1.7
	Dec 2008	429	8	305	5.0	13	123	445.80	539	122	2.0
	Jan 2009	575	21	350	5.7	67	179	445.80	539	122	2.0
	Feb 2009	597	32	386	7.0	79	160	446.00	543	149	2.7
	Mar 2009	883	29	699	11.4	26	174	446.70	555	202	3.3
	Apr 2009	1016	-4	758	12.7	55	160	448.71	594	195	3.3
	May 2009	1032	-13	737	12.0	101	180	448.71	594	109	1.8
	Jun 2009	1001	-23	741	12.5	110	127	448.71	594	120	2.0
	Jul 2009	923	-19	744	12.1	114	60	448.00	580	124	2.0
	Aug 2009	794	-12	611	9.9	114	66	447.50	570	93	1.5

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Hoover Dam - Lake Mead

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Hoover Static Head Feet	Hoover Generator Capacity MW	Hoover Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Sep 2006	633	10.6	1125.36	13887	-118	0.00	1793.0	250.8	100	396.1
	WY 2006	9395							3871.7		
H	Oct 2006	564	9.2	1126.13	13964	77	0.00	1551.0	223.2	88	395.7
I	Nov 2006	525	8.8	1126.63	14014	50	0.00	1128.0	210.9	64	401.7
S	Dec 2006	621	10.1	1128.12	14164	150	0.00	1128.0	252.7	64	407.1
T	Jan 2007	639	10.4	1129.55	14309	145	0.00	1233.0	262.8	70	411.6
O	Feb 2007	647	11.6	1129.35	14288	-20	0.00	969.0	267.6	55	413.7
R	Mar 2007	970	15.8	1125.79	13930	-358	0.00	1319.0	406.2	74	418.7
I	Apr 2007	1093	18.4	1120.69	13426	-504	0.00	1275.0	455.6	73	416.9
C	May 2007	1026	16.7	1115.89	12963	-463	0.00	1506.0	417.8	88	407.3
A	Jun 2007	958	16.1	1113.50	12735	-228	0.00	1742.0	384.0	100	400.9
L	Jul 2007	950	15.5	1111.58	12554	-181	0.00	1730.0	377.2	100	397.0
*	Aug 2007	803	13.1	1111.84	12578	24	0.00	1704.0	315.2	100	392.6
	Sep 2007	665	11.2	1111.24	12522	-56	460.78	1499.5	270.4	88	406.8
	WY 2007	9459							3843.6		
	Oct 2007	487	7.9	1112.29	12621	99	464.31	1363.2	199.7	80	410.0
	Nov 2007	543	9.1	1112.75	12664	43	469.62	937.2	225.7	55	415.6
	Dec 2007	528	8.6	1115.42	12918	254	468.75	1073.5	215.6	63	408.0
	Jan 2008	669	10.9	1117.46	13114	196	468.55	1089.9	278.9	63	417.2
	Feb 2008	595	10.3	1118.19	13184	70	468.92	1089.9	250.0	63	420.3
	Mar 2008	920	15.0	1115.31	12908	-276	466.67	1211.0	390.5	70	424.4
	Apr 2008	1037	17.4	1110.98	12497	-411	460.81	1482.5	431.8	87	416.5
	May 2008	1053	17.1	1106.19	12052	-445	456.29	1463.3	433.8	87	411.8
	Jun 2008	1006	16.9	1101.69	11643	-409	450.59	1658.0	405.2	100	402.9
	Jul 2008	936	15.2	1100.23	11511	-132	448.13	1633.0	376.6	100	402.4
	Aug 2008	811	13.2	1101.05	11585	74	447.97	1633.0	327.5	100	403.9
	Sep 2008	706	11.9	1100.30	11518	-67	449.15	1633.0	282.0	100	399.5
	WY 2008	9291							3817.4		
	Oct 2008	406	6.6	1102.27	11695	177	454.16	1290.1	159.5	79	392.7
	Nov 2008	590	9.9	1102.28	11696	1	455.97	1535.0	237.2	94	402.2
	Dec 2008	571	9.3	1104.66	11912	216	454.79	1558.5	226.9	94	397.5
	Jan 2009	677	11.0	1106.72	12101	189	455.98	1326.4	273.6	80	403.8
	Feb 2009	611	11.0	1107.29	12154	52	458.14	1044.5	250.4	63	409.9
	Mar 2009	941	15.3	1104.08	11860	-294	455.65	1160.6	392.2	70	416.8
	Apr 2009	1042	17.5	1099.49	11445	-414	449.52	1442.5	424.8	87	407.5
	May 2009	1064	17.3	1094.37	10993	-453	444.71	1442.5	428.4	87	402.6
	Jun 2009	1000	16.8	1089.73	10592	-401	438.79	1658.0	392.4	100	392.5
	Jul 2009	935	15.2	1088.24	10465	-127	436.24	1658.0	366.6	100	392.2
	Aug 2009	818	13.3	1089.07	10536	71	436.08	1658.0	322.6	100	394.3

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Davis Dam - Lake Mohave

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Davis Static Head Feet	Davis Generator Capacity MW	Davis Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Sep 2006	738	12.4	638.76	1584	-122	0.00	255.0	100.0	100	135.4
	WY 2006	9152							1131.8		
H	Oct 2006	686	11.2	634.29	1467	-117	0.00	207.0	81.7	81	119.2
I	Nov 2006	489	8.2	635.85	1508	40	0.00	186.0	57.1	73	116.6
S	Dec 2006	542	8.8	638.56	1579	71	0.00	184.0	64.5	72	119.0
T	Jan 2007	541	8.8	641.43	1656	77	0.00	184.0	66.9	72	123.7
O	Feb 2007	649	11.7	640.75	1638	-18	0.00	204.0	81.3	80	125.3
R	Mar 2007	895	14.6	642.49	1685	47	0.00	212.0	112.7	83	126.0
I	Apr 2007	1001	16.8	644.58	1742	57	0.00	255.0	125.6	100	125.5
C	May 2007	996	16.2	644.29	1734	-8	0.00	255.0	126.4	100	126.9
A	Jun 2007	965	16.2	642.79	1693	-41	0.00	255.0	122.2	100	126.6
L	Jul 2007	916	14.9	642.89	1696	3	0.00	242.0	114.9	95	125.5
*	Aug 2007	786	12.8	642.45	1684	-12	0.00	255.0	99.2	100	126.3
	Sep 2007	754	12.7	638.50	1578	-106	133.39	255.0	93.3	100	123.8
	WY 2007	9218							1145.8		
	Oct 2007	630	10.2	633.00	1434	-143	130.07	198.9	75.8	78	120.4
	Nov 2007	503	8.5	634.00	1460	26	128.64	170.9	59.9	67	119.0
	Dec 2007	387	6.3	638.71	1583	123	131.20	183.6	47.4	72	122.5
	Jan 2008	566	9.2	641.80	1666	83	136.05	160.6	70.6	63	124.8
	Feb 2008	580	10.1	641.80	1666	0	136.62	191.2	73.0	75	125.9
	Mar 2008	862	14.0	643.05	1700	34	135.71	244.8	107.8	96	125.1
	Apr 2008	1010	17.0	643.01	1699	-1	136.08	255.0	125.9	100	124.7
	May 2008	1021	16.6	643.01	1699	0	136.05	255.0	127.4	100	124.8
	Jun 2008	1008	16.9	642.00	1671	-28	135.52	255.0	125.2	100	124.2
	Jul 2008	925	15.0	641.50	1658	-14	134.73	255.0	114.8	100	124.1
	Aug 2008	787	12.8	641.50	1658	0	134.46	255.0	98.1	100	124.6
	Sep 2008	782	13.1	638.00	1564	-94	132.63	255.0	96.2	100	122.9
	WY 2008	9060							1122.1		
	Oct 2008	599	9.7	630.49	1371	-193	126.83	255.0	71.4	100	119.2
	Nov 2008	486	8.2	634.00	1460	89	124.93	247.4	57.4	97	118.0
	Dec 2008	429	7.0	638.71	1583	123	129.99	221.9	52.4	87	122.2
	Jan 2009	575	9.3	641.80	1666	83	133.72	234.6	71.7	92	124.8
	Feb 2009	597	10.7	641.80	1666	0	135.26	237.2	75.0	93	125.6
	Mar 2009	883	14.4	643.05	1700	34	135.93	237.2	110.3	93	125.0
	Apr 2009	1016	17.1	643.01	1699	-1	136.08	255.0	126.6	100	124.7
	May 2009	1032	16.8	643.01	1699	0	136.05	255.0	128.7	100	124.7
	Jun 2009	1001	16.8	642.00	1671	-28	135.52	255.0	124.5	100	124.3
	Jul 2009	923	15.0	641.50	1658	-14	134.73	255.0	114.6	100	124.1
	Aug 2009	794	12.9	641.50	1658	0	134.46	255.0	98.9	100	124.6

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Parker Dam - Lake Havasu

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Parker Static Head Feet	Parker Generator Capacity MW	Parker Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Sep 2006	548	9.2	446.67	555	-25	0.00	120.0	37.0	100	67.6
	WY 2006	6695							448.2		
H	Oct 2006	457	7.4	447.85	577	22	0.00	91.0	30.8	76	67.4
I	Nov 2006	363	6.1	447.24	566	-11	0.00	96.0	24.1	80	66.5
S	Dec 2006	334	5.4	448.23	584	19	0.00	107.0	21.8	89	65.2
T	Jan 2007	366	5.9	447.71	575	-10	0.00	97.0	24.7	81	67.6
O	Feb 2007	472	8.5	445.97	542	-32	0.00	108.0	31.4	90	66.6
R	Mar 2007	684	11.1	447.06	562	20	0.00	109.0	45.5	91	66.6
I	Apr 2007	751	12.6	447.53	571	9	0.00	120.0	49.3	100	65.6
C	May 2007	721	11.7	448.56	591	20	0.00	120.0	48.2	100	66.9
A	Jun 2007	721	12.1	448.30	586	-5	0.00	120.0	48.5	100	67.2
L	Jul 2007	749	12.2	448.35	587	1	0.00	120.0	50.1	100	66.9
*	Aug 2007	634	10.3	448.28	585	-1	0.00	120.0	43.0	100	67.8
	Sep 2007	546	9.2	446.84	558	-27	76.10	94.8	36.2	79	66.3
	WY 2007	6795							453.5		
	Oct 2007	473	7.7	446.31	548	-10	75.39	90.0	30.9	75	65.3
	Nov 2007	378	6.4	446.00	543	-6	75.59	79.2	24.6	66	65.0
	Dec 2007	308	5.0	445.80	539	-4	75.34	79.2	19.7	66	63.9
	Jan 2008	350	5.7	445.80	539	0	75.24	79.2	22.6	66	64.4
	Feb 2008	388	6.8	446.00	543	4	74.74	90.0	25.0	75	64.5
	Mar 2008	704	11.5	446.70	555	13	73.77	120.0	45.6	100	64.7
	Apr 2008	765	12.9	448.71	594	38	75.09	120.0	50.5	100	66.0
	May 2008	747	12.1	448.71	594	0	76.06	120.0	49.7	100	66.6
	Jun 2008	751	12.6	448.71	594	0	76.06	120.0	50.0	100	66.7
	Jul 2008	754	12.3	448.00	580	-14	75.72	120.0	50.0	100	66.4
	Aug 2008	620	10.1	447.50	570	-10	75.13	120.0	40.6	100	65.5
	Sep 2008	554	9.3	446.81	557	-13	74.55	120.0	36.0	100	64.9
	WY 2008	6793							445.3		
	Oct 2008	469	7.6	446.31	548	-9	74.43	109.2	30.2	91	64.4
	Nov 2008	376	6.3	446.00	543	-6	74.04	109.2	23.9	91	63.6
	Dec 2008	305	5.0	445.80	539	-4	73.80	109.2	19.1	91	62.6
	Jan 2009	350	5.7	445.80	539	0	73.70	109.2	22.0	91	63.0
	Feb 2009	386	7.0	446.00	543	4	73.80	109.2	24.6	91	63.7
	Mar 2009	699	11.4	446.70	555	13	74.24	109.2	45.6	91	65.2
	Apr 2009	758	12.7	448.71	594	38	75.09	120.0	50.0	100	65.9
	May 2009	737	12.0	448.71	594	0	76.06	120.0	49.1	100	66.6
	Jun 2009	741	12.5	448.71	594	0	76.06	120.0	49.4	100	66.7
	Jul 2009	744	12.1	448.00	580	-14	75.72	120.0	49.3	100	66.3
	Aug 2009	611	9.9	447.50	570	-10	75.13	120.0	40.0	100	65.5

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Upper Basin Power

		Glen Canyon 1000 MWHR	Flam Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Res 1000 MWHR	Font Res 1000 MWHR
*	Sep 2006	223	19	30	39	20	2
	Summer 2006	223	19	30	39	20	2
H	Oct 2006	254	19	20	25	15	4
I	Nov 2006	254	19	14	18	10	4
S	Dec 2006	338	28	25	31	18	4
T	Jan 2007	336	28	25	31	16	4
O	Feb 2007	251	25	14	18	4	3
R	Mar 2007	249	20	10	12	7	3
	Winter 2007	1682	139	109	134	69	22
I	Apr 2007	250	18	11	17	11	3
C	May 2007	254	52	11	19	15	3
A	Jun 2007	343	26	13	18	15	3
L	Jul 2007	343	21	29	33	19	4
*	Aug 2007	340	20	32	36	20	3
	Sep 2007	240	17	34	41	20	3
	Summer 2007	1769	155	130	165	99	20
	Oct 2007	237	18	22	27	14	3
	Nov 2007	236	17	16	20	10	3
	Dec 2007	314	18	18	23	12	3
	Jan 2008	312	18	18	23	12	3
	Feb 2008	232	17	15	19	10	3
	Mar 2008	231	18	16	21	12	3
	Winter 2008	1562	105	105	134	69	18
	Apr 2008	231	17	19	28	16	3
	May 2008	234	48	17	30	20	4
	Jun 2008	260	46	19	30	21	9
	Jul 2008	345	28	34	40	22	10
	Aug 2008	365	28	38	45	23	9
	Sep 2008	254	27	33	39	20	6
	Summer 2008	1690	194	161	213	122	39
	Oct 2008	241	28	25	31	16	6
	Nov 2008	241	27	16	20	10	6
	Dec 2008	320	33	20	25	13	6
	Jan 2009	318	34	21	27	14	5
	Feb 2009	237	30	17	23	12	4
	Mar 2009	237	34	17	23	13	5
	Winter 2009	1593	186	116	148	77	31
	Apr 2009	237	35	20	30	16	6
	May 2009	240	55	19	32	21	7
	Jun 2009	268	86	20	31	22	9
	Jul 2009	357	36	34	41	23	10
	Aug 2009	378	36	38	45	23	10

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model_run_id = 1690

FLOOD CONTROL CRITERIA
BEGINNING OF MONTH CONDITIONS

MON	YEAR	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	LAKE POWELL KAF	UPPER BASIN TOTAL KAF	LAKE MEAD KAF	TOTAL KAF	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	TOT OR MAX ALLOW KAF	LAKE POWELL KAF	LAKE MEAD KAF	TOTAL KAF	BOM SPACE REQD KAF	MEAD SCHED REL KAF	MEAD FC REL KAF	SYS CONT MAF
		* * * * PREDICTED SPACE * * * *							* * * * CREDITABLE SPACE * * * *									
SEP	2007	807	80	145	12225	13257	14802	28059	807	80	145	1032	12225	14802	28059	2270	665	0	32.3
OCT	2007	833	148	165	12362	13507	14858	28365	833	148	165	1145	12362	14858	28365	3040	487	0	32.0
NOV	2007	855	184	182	12510	13731	14759	28490	855	184	182	1221	12510	14759	28490	3810	543	0	31.8
DEC	2007	871	210	255	12620	13956	14716	28672	871	210	255	1337	12620	14716	28672	4580	528	0	31.8
JAN	2008	893	248	267	12993	14402	14462	28864	893	248	267	1408	12993	14462	28864	5350	669	0	31.6
												* * * * EFFECTIVE SPACE * * * *							
JAN	2008	893	248	267	12993	14402	14462	28864	412	248	178	839	12993	14462	28294	5350	669	0	31.6
FEB	2008	912	285	278	13377	14852	14266	29118	430	285	188	902	13377	14266	28545	1500	595	0	31.4
MAR	2008	925	314	277	13587	15103	14196	29299	440	314	187	940	13587	14196	28723	1500	920	0	31.1
APR	2008	899	337	232	13701	15169	14472	29641	409	337	136	882	13701	14472	29055	1500	1037	0	30.9
MAY	2008	842	336	136	13661	14975	14883	29858	346	336	23	705	13661	14883	29249	1500	1053	0	31.7
JUN	2008	780	207	171	12670	13828	15328	29156	276	205	27	507	12670	15328	28505	1500	1006	0	32.9
JUL	2008	611	36	238	11310	12195	15737	27932	92	9	48	149	11310	15737	27196	1500	936	0	33.0
												* * * * CREDITABLE SPACE * * * *							
AUG	2008	537	27	239	11125	11928	15869	27797	537	27	239	803	11125	15869	27797	1500	811	0	32.6
SEP	2008	553	81	250	11451	12336	15795	28131	553	81	250	885	11451	15795	28131	2270	706	0	32.2
OCT	2008	595	145	253	11590	12584	15862	28446	595	145	253	994	11590	15862	28446	3040	406	0	32.0
NOV	2008	621	187	253	11652	12713	15685	28398	621	187	253	1061	11652	15685	28398	3810	590	0	32.0
DEC	2008	648	208	255	11714	12824	15684	28508	648	208	255	1110	11714	15684	28508	4580	571	0	32.0
JAN	2009	705	248	264	11997	13214	15468	28682	705	248	264	1217	11997	15468	28682	5350	677	0	31.8
												* * * * EFFECTIVE SPACE * * * *							
JAN	2009	705	248	264	11997	13214	15468	28682	368	248	209	825	11997	15468	28290	5350	677	0	31.8
FEB	2009	758	296	275	12299	13628	15279	28906	420	296	219	935	12299	15279	28512	1500	611	0	31.7
MAR	2009	798	334	274	12437	13843	15226	29069	458	334	217	1008	12437	15226	28672	1500	941	0	31.4
APR	2009	792	360	228	12465	13845	15520	29365	447	360	165	972	12465	15520	28958	1500	1042	0	31.3
MAY	2009	751	358	135	12307	13551	15935	29486	400	358	53	810	12307	15935	29052	1500	1064	0	32.3
JUN	2009	649	220	142	11152	12162	16387	28550	287	217	25	529	11152	16387	28068	1500	1000	0	33.8
JUL	2009	496	39	217	9484	10236	16788	27024	121	12	48	181	9484	16788	26453	1500	935	0	34.0
												* * * * CREDITABLE SPACE * * * *							
AUG	2009	394	27	224	9184	9829	16915	26744	394	27	224	645	9184	16915	26744	1500	818	0	33.7

To: All Annual Operating Plan Recipients

From: Lower Colorado Region
Boulder Canyon Operations Office
River Operations Group
Douglas B. Blatchford, P.E.
P.O. Box 61470
Boulder City, NV 89006-1470
Phone: 702-293-8190

This operational study reflects the 2007 Annual Operating Plan (AOP) as signed by the Secretary of the Interior. The Partial Domestic Surplus condition is the criterion governing the operation of Lake Mead for Calendar Year 2007. A copy of the 2007 AOP can be obtained by contacting (702)293-8190 or visiting our website at www.usbr.gov/lc/riverops.html.

In this study, the Calendar Year (CY) 2007 diversion for Metropolitan Water District of Southern California (MWD) is forecasted to be 0.647 million acre-feet (maf). The CY 2007 diversion for the Central Arizona Project (CAP) is forecasted to be 1.604 maf. Consumptive use for Nevada above Hoover is forecasted to be 0.303 maf for CY 2007.

According to Sections 2(B)(1) and 7 of the Interim Surplus Guidelines, the Partial Domestic Surplus Condition is the criterion governing the operation of Lake Mead for calendar year 2007 in accordance with Article III(3)(b) of the Operating Criteria, and Article II(B)(2) of the Consolidated Decree. It should be noted, however, that the projected releases in 2007 currently reflect demands under the Normal Condition for the Metropolitan Water District of Southern California (MWD), the Central Arizona Project (CAP), and the Southern Nevada Water Authority (SNWA), per their request. This does not, however, preclude the MWD, CAP, and SNWA from requesting Partial Domestic Surplus water in calendar year 2007.

Due to declining Lake Mead elevations, Hoover's generator capacity is adjusted based on estimated effective capacity and plant availability. The estimated effective capacity is based on projected Lake Mead elevations. Unit capacity tests will be performed as the lake elevation changes in 2' increments. This study reflects these changes in the projections.

Current runoff projections into Lake Powell are provided by the National Weather Service's Colorado Basin River Forecast Center and are as follows: observed unregulated inflow into Lake Powell for the month of July, 2007 was 0.363 maf or 23% of the 30 year average. The forecast for August, 2007 unregulated inflow into Lake Powell is 0.375 maf or 61% of the 30 year average. The observed April through July unregulated inflow is 4.051 maf or 51% of average.

Hoover, Davis, and Parker historical gross energy figures come from PO&M reports provided by the Power and O&M Group, Boulder Canyon Operations, Bureau of Reclamation, Boulder City, Nevada. Questions regarding these historical energy numbers can be directed to Larry Karr at (702) 293-8094.

(Note: Lower Basin previous months' historical SNWP and flow to Mexico values are preliminary estimates.)

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T E M R E S E R V O I R S

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Fontenelle Reservoir

	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
* Aug 2006	35	2	68	1	69	6495.25	264
H Sep 2006	29	2	23	28	51	6491.84	240
WY 2006	895	17	683	200	883		
I Oct 2006	41	1	54	1	55	6489.68	226
S Nov 2006	40	1	54	0	54	6487.35	210
T Dec 2006	29	1	57	0	57	6482.67	182
O Jan 2007	26	1	56	0	56	6477.07	152
R Feb 2007	26	0	50	0	50	6471.76	127
I Mar 2007	62	0	56	0	56	6473.15	133
C Apr 2007	49	1	51	0	51	6472.62	131
A May 2007	109	1	49	0	49	6483.80	189
L Jun 2007	89	2	48	0	48	6489.96	228
* Jul 2007	46	2	50	0	50	6489.09	222
Aug 2007	33	2	49	0	49	6486.35	204
Sep 2007	25	1	45	0	45	6482.91	183
WY 2007	575	13	619	1	620		
Oct 2007	26	1	40	0	40	6480.29	168
Nov 2007	32	1	39	0	39	6478.94	161
Dec 2007	25	1	40	0	40	6475.85	146
Jan 2008	23	0	40	0	40	6472.09	128
Feb 2008	21	0	37	0	37	6468.14	111
Mar 2008	40	0	40	0	40	6468.04	111
Apr 2008	69	1	45	0	45	6473.54	135
May 2008	137	1	99	1	100	6480.66	171
Jun 2008	240	2	102	8	110	6499.93	298
Jul 2008	145	3	100	0	100	6505.37	341
Aug 2008	65	2	80	0	80	6503.18	323
Sep 2008	38	2	59	9	68	6498.95	291
WY 2008	861	14	721	18	739		
Oct 2008	49	1	71	0	71	6495.74	268
Nov 2008	41	1	68	0	68	6491.71	239
Dec 2008	32	1	71	0	71	6485.66	200
Jan 2009	30	1	71	0	71	6478.39	158
Feb 2009	27	0	64	0	64	6470.48	121
Mar 2009	51	0	73	0	73	6465.04	99
Apr 2009	89	1	89	0	89	6464.77	98
May 2009	176	1	97	11	108	6479.69	165
Jun 2009	308	2	102	70	172	6500.05	299
Jul 2009	186	3	102	60	162	6502.88	321

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Flaming Gorge Reservoir

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Yampa Flow 1000 Ac-Ft	Jensen Flow 1000 Ac-Ft
*	Aug 2006	32	65	12	50	0	50	88	6024.35	3136	12	65
H	Sep 2006	31	54	10	50	0	50	88	6024.19	3130	22	77
	WY 2006	1041	1031	77	999	3	1002					2585
I	Oct 2006	50	64	7	50	0	50	88	6024.37	3137	0	114
S	Nov 2006	43	57	4	48	0	48	89	6024.50	3142	0	100
T	Dec 2006	29	58	2	76	0	76	88	6023.99	3123	0	110
O	Jan 2007	33	63	2	75	0	75	87	6023.61	3109	0	592
R	Feb 2007	45	69	2	66	0	66	87	6023.65	3111	0	392
I	Mar 2007	119	113	3	51	0	51	90	6025.19	3167	0	221
C	Apr 2007	73	75	5	50	0	50	90	6025.71	3187	0	263
A	May 2007	164	106	8	138	0	138	89	6024.67	3148	0	525
L	Jun 2007	90	49	10	69	0	69	88	6023.89	3119	0	227
*	Jul 2007	42	45	13	55	0	55	87	6023.31	3098	0	81
	Aug 2007	35	51	12	51	0	51	86	6023.00	3087	0	51
	Sep 2007	25	45	11	49	0	49	86	6022.60	3072	0	49
	WY 2007	748	795	79	778	0	778					2725
	Oct 2007	33	47	7	51	0	51	86	6022.31	3062	0	51
	Nov 2007	39	46	3	49	0	49	85	6022.13	3056	0	49
	Dec 2007	29	44	2	51	0	51	85	6021.91	3048	0	51
	Jan 2008	32	49	2	51	0	51	85	6021.82	3044	0	51
	Feb 2008	36	52	2	47	0	47	85	6021.90	3047	0	47
	Mar 2008	80	80	3	51	0	51	86	6022.60	3073	0	51
	Apr 2008	110	86	5	49	0	49	87	6023.45	3103	0	49
	May 2008	203	166	7	133	0	133	88	6024.12	3128	0	133
	Jun 2008	309	179	10	140	0	140	89	6024.89	3156	0	140
	Jul 2008	169	124	13	82	0	82	90	6025.64	3184	0	82
	Aug 2008	75	90	12	82	0	82	90	6025.53	3180	0	82
	Sep 2008	45	75	11	78	0	78	89	6025.18	3167	0	78
	WY 2008	1160	1038	77	864	0	864					864
	Oct 2008	59	81	7	82	0	82	89	6024.98	3159	0	82
	Nov 2008	51	79	3	78	0	78	89	6024.91	3157	0	78
	Dec 2008	37	76	2	94	0	94	88	6024.38	3137	0	94
	Jan 2009	41	82	2	94	0	94	88	6024.02	3124	0	94
	Feb 2009	45	82	2	74	0	74	88	6024.18	3130	0	74
	Mar 2009	103	125	3	82	0	82	89	6025.23	3169	0	82
	Apr 2009	142	143	5	78	0	78	91	6026.78	3226	0	78
	May 2009	263	195	8	153	0	153	92	6027.67	3260	0	153
	Jun 2009	400	263	10	235	0	235	93	6028.14	3278	0	235
	Jul 2009	219	195	14	108	0	108	95	6030.01	3349	0	108

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Taylor Park Reservoir

		Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Aug 2006	9	18	9315.25	79
H	Sep 2006	8	14	9311.30	72
	WY 2006	119	116		
I	Oct 2006	10	5	9314.16	77
S	Nov 2006	6	4	9315.22	79
T	Dec 2006	5	5	9315.38	79
O	Jan 2007	4	5	9315.07	78
R	Feb 2007	3	4	9314.65	78
I	Mar 2007	6	5	9315.67	79
C	Apr 2007	8	5	9317.64	83
A	May 2007	27	11	9325.94	98
L	Jun 2007	27	23	9327.98	102
*	Jul 2007	15	25	9322.65	92
	Aug 2007	7	18	9316.76	81
	Sep 2007	5	16	9310.41	71
	WY 2007	123	126		
	Oct 2007	5	12	9305.55	63
	Nov 2007	5	5	9305.55	63
	Dec 2007	4	5	9304.87	62
	Jan 2008	4	5	9304.19	61
	Feb 2008	4	5	9303.50	60
	Mar 2008	4	5	9302.80	59
	Apr 2008	8	8	9302.80	59
	May 2008	27	12	9312.67	74
	Jun 2008	43	18	9326.45	99
	Jul 2008	20	20	9326.66	100
	Aug 2008	10	20	9321.43	90
	Sep 2008	7	16	9316.39	81
	WY 2008	141	131		
	Oct 2008	6	12	9312.90	75
	Nov 2008	5	6	9312.22	73
	Dec 2008	4	5	9311.88	73
	Jan 2009	4	5	9311.37	72
	Feb 2009	4	5	9310.69	71
	Mar 2009	4	5	9310.21	70
	Apr 2009	8	10	9309.16	69
	May 2009	27	18	9314.77	78
	Jun 2009	43	20	9327.22	101
	Jul 2009	20	22	9326.42	99

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Blue Mesa Reservoir

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Aug 2006	60	69	1	121	0	121	7506.88	719
H	Sep 2006	41	48	1	99	0	99	7500.66	667
	WY 2006	828	828	8	740	0	740		
I	Oct 2006	70	65	1	74	0	74	7499.52	657
S	Nov 2006	42	40	0	52	0	52	7498.10	646
T	Dec 2006	35	35	0	93	0	93	7490.78	587
O	Jan 2007	30	31	0	93	0	93	7482.56	525
R	Feb 2007	26	27	0	54	0	54	7478.89	498
I	Mar 2007	55	54	0	38	0	38	7481.01	513
C	Apr 2007	67	64	1	43	0	43	7483.72	533
A	May 2007	189	174	1	41	0	41	7500.42	665
L	Jun 2007	174	169	1	47	0	47	7514.60	786
*	Jul 2007	81	91	2	99	0	99	7513.48	776
	Aug 2007	45	56	1	108	0	108	7507.38	723
	Sep 2007	28	39	1	109	0	109	7498.85	652
	WY 2007	842	845	8	851	0	851		
	Oct 2007	30	38	1	73	0	73	7494.38	616
	Nov 2007	30	30	0	42	0	42	7492.84	604
	Dec 2007	24	25	0	47	0	47	7490.01	581
	Jan 2008	23	24	0	55	0	55	7485.95	550
	Feb 2008	21	22	0	51	0	51	7482.05	521
	Mar 2008	32	33	0	55	0	55	7478.99	499
	Apr 2008	70	70	1	68	0	68	7479.17	500
	May 2008	202	187	1	60	0	60	7495.68	626
	Jun 2008	259	234	1	64	0	64	7515.62	795
	Jul 2008	116	116	2	107	0	107	7516.40	802
	Aug 2008	59	69	1	122	0	122	7510.28	748
	Sep 2008	34	43	1	118	0	118	7501.33	672
	WY 2008	900	891	8	862	0	862		
	Oct 2008	35	41	1	78	0	78	7496.73	635
	Nov 2008	31	32	0	50	0	50	7494.42	616
	Dec 2008	25	26	0	65	0	65	7489.38	577
	Jan 2009	24	25	0	72	0	72	7483.15	529
	Feb 2009	22	23	0	54	0	54	7478.90	498
	Mar 2009	34	35	0	59	0	59	7475.47	474
	Apr 2009	73	75	1	70	0	70	7476.07	478
	May 2009	212	203	1	74	0	74	7493.16	606
	Jun 2009	271	248	1	67	0	67	7514.56	786
	Jul 2009	121	122	2	110	0	110	7515.75	797

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Morrow Point Reservoir

		Unreg Inflow 1000 Ac-Ft	Blue_Mesa Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Evap losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Aug 2006	62	121	3	124	0	123	0	123	7156.04	114
H	Sep 2006	43	99	2	101	0	107	0	107	7145.25	105
	WY 2006	893	740	66	805	0	809	0	809		
I	Oct 2006	69	74	-1	73	0	71	0	71	7148.31	108
S	Nov 2006	41	52	-1	50	0	52	0	52	7146.13	106
T	Dec 2006	31	93	-4	89	0	88	0	88	7146.46	106
O	Jan 2007	25	93	-5	88	0	88	0	88	7145.92	106
R	Feb 2007	24	54	-2	51	0	51	0	51	7145.91	106
I	Mar 2007	58	38	3	41	0	34	0	34	7154.36	113
C	Apr 2007	73	43	6	49	0	50	0	50	7153.49	112
A	May 2007	202	41	13	54	0	53	0	53	7154.94	113
L	Jun 2007	179	47	4	51	0	52	0	52	7153.84	112
*	Jul 2007	73	99	-7	92	0	92	0	92	7153.52	112
	Aug 2007	48	108	3	110	0	110	0	110	7153.73	112
	Sep 2007	30	109	2	111	0	111	0	111	7153.73	112
	WY 2007	853	851	11	859	0	852	0	852		
	Oct 2007	32	73	2	75	0	75	0	75	7153.73	112
	Nov 2007	32	42	2	44	0	44	0	44	7153.73	112
	Dec 2007	26	47	2	49	0	49	0	49	7153.73	112
	Jan 2008	25	55	2	57	0	57	0	57	7153.73	112
	Feb 2008	24	51	3	54	0	54	0	54	7153.73	112
	Mar 2008	36	55	4	59	0	59	0	59	7153.73	112
	Apr 2008	80	68	10	78	0	78	0	78	7153.73	112
	May 2008	226	60	24	84	0	84	0	84	7153.73	112
	Jun 2008	279	64	20	83	0	84	0	84	7153.73	112
	Jul 2008	121	107	5	112	0	112	0	112	7153.73	112
	Aug 2008	62	122	3	125	0	125	0	125	7153.73	112
	Sep 2008	37	118	3	121	0	121	0	121	7153.73	112
	WY 2008	980	862	80	941	0	942	0	942		
	Oct 2008	38	78	3	81	0	81	0	81	7153.73	112
	Nov 2008	33	50	2	52	0	52	0	52	7153.73	112
	Dec 2008	27	65	2	67	0	67	0	67	7153.73	112
	Jan 2009	26	72	2	74	0	74	0	74	7153.73	112
	Feb 2009	25	54	3	57	0	57	0	57	7153.73	112
	Mar 2009	38	59	4	63	0	63	0	63	7153.73	112
	Apr 2009	84	70	11	81	0	81	0	81	7153.73	112
	May 2009	237	74	25	99	0	99	0	99	7153.73	112
	Jun 2009	292	67	21	88	0	88	0	88	7153.73	112
	Jul 2009	127	110	7	117	0	117	0	117	7153.73	112

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Crystal Reservoir

	unreg Inflow 1000 Ac-Ft	Morrow Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Tunnel Flow 1000 Ac-Ft	Below_tunnel Flow 1000 Ac-Ft
* Aug 2006	69	123	6	129	129	0	129	6744.74	15	62	79
H Sep 2006	47	107	4	114	112	1	113	6746.01	15	53	68
WY 2006	993	809	98	909	859	50	909			384	559
I Oct 2006	76	71	7	77	77	0	77	6746.08	15	40	39
S Nov 2006	46	52	5	57	58	0	58	6740.90	14	0	58
T Dec 2006	35	88	4	93	93	0	93	6738.89	13	0	99
O Jan 2007	29	88	4	92	85	8	93	6737.51	13	1	101
R Feb 2007	27	51	3	55	25	29	54	6739.24	13	2	57
I Mar 2007	67	34	8	43	42	0	42	6739.82	13	1	43
C Apr 2007	84	50	11	61	57	0	57	6751.74	17	31	29
A May 2007	228	53	25	78	78	0	78	6751.27	16	53	29
L Jun 2007	200	52	21	73	74	0	74	6745.12	15	51	28
* Jul 2007	80	92	7	99	98	0	98	6748.50	16	66	37
Aug 2007	53	110	5	115	114	0	114	6753.04	17	65	49
Sep 2007	34	111	4	115	115	0	115	6753.04	17	55	60
WY 2007	959	852	104	958	916	37	953			365	629
Oct 2007	36	75	4	79	79	0	79	6753.04	17	36	43
Nov 2007	36	44	4	48	48	0	48	6753.04	17	0	48
Dec 2007	31	49	5	54	54	0	54	6753.04	17	0	54
Jan 2008	30	57	5	62	62	0	62	6753.04	17	0	62
Feb 2008	28	54	4	58	58	0	58	6753.04	17	0	58
Mar 2008	44	59	8	67	67	0	67	6753.04	17	5	62
Apr 2008	92	78	12	90	90	0	90	6753.04	17	30	60
May 2008	259	84	33	117	117	0	117	6753.04	17	55	61
Jun 2008	315	84	36	119	120	0	120	6753.04	17	60	60
Jul 2008	137	112	16	128	128	0	128	6753.04	17	65	63
Aug 2008	71	125	9	134	134	0	134	6753.04	17	65	69
Sep 2008	43	121	6	127	127	0	127	6753.04	17	55	72
WY 2008	1122	942	142	1083	1084	0	1084			371	712
Oct 2008	44	81	7	87	87	0	87	6753.04	17	30	57
Nov 2008	38	52	5	57	57	0	57	6753.04	17	0	57
Dec 2008	32	67	5	72	72	0	72	6753.04	17	0	72
Jan 2009	31	74	5	79	79	0	79	6753.04	17	0	79
Feb 2009	29	57	4	61	61	0	61	6753.04	17	0	61
Mar 2009	46	63	7	70	70	0	70	6753.04	17	5	65
Apr 2009	96	81	12	93	93	0	93	6753.04	17	30	63
May 2009	272	99	35	134	134	0	134	6753.04	17	55	79
Jun 2009	330	88	38	126	126	0	126	6753.04	17	60	66
Jul 2009	144	117	17	134	134	0	134	6753.04	17	65	69

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Vallecito Reservoir

		Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Aug 2006	28	33	7649.90	87
H	Sep 2006	24	26	7648.87	84
	WY 2006	247	238		
I	Oct 2006	54	42	7653.51	96
S	Nov 2006	15	34	7645.48	76
T	Dec 2006	8	8	7645.38	76
O	Jan 2007	7	6	7645.38	76
R	Feb 2007	5	5	7645.51	76
I	Mar 2007	14	5	7649.56	86
C	Apr 2007	22	5	7656.47	103
A	May 2007	68	45	7664.82	125
L	Jun 2007	67	68	7664.36	124
*	Jul 2007	23	41	7657.48	106
	Aug 2007	16	34	7650.05	87
	Sep 2007	14	30	7642.99	71
	WY 2007	313	323		
	Oct 2007	11	15	7641.07	67
	Nov 2007	8	3	7643.31	71
	Dec 2007	6	3	7644.57	74
	Jan 2008	5	3	7645.37	76
	Feb 2008	5	3	7646.25	78
	Mar 2008	8	3	7648.09	82
	Apr 2008	21	10	7652.53	93
	May 2008	67	40	7662.86	120
	Jun 2008	75	69	7664.87	125
	Jul 2008	30	43	7659.76	111
	Aug 2008	18	43	7649.59	86
	Sep 2008	16	30	7643.39	72
	WY 2008	270	265		
	Oct 2008	13	15	7642.36	69
	Nov 2008	8	4	7644.21	73
	Dec 2008	6	4	7645.04	75
	Jan 2009	5	4	7645.52	76
	Feb 2009	5	4	7645.75	77
	Mar 2009	8	4	7647.41	81
	Apr 2009	22	10	7652.30	93
	May 2009	69	50	7659.77	111
	Jun 2009	78	65	7664.29	124
	Jul 2009	31	43	7659.50	111

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Navajo Reservoir

		Mod_Unreg Inflow 1000 Ac-Ft	Azetea Tunnel_Div 1000 Ac-Ft	Reg Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	NIIP Diversion 1000 ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Farm Flow 1000 Ac-Ft
*	Aug 2006	67	5	67	4	35	38	6065.35	1417	65
H	Sep 2006	58	6	54	3	15	34	6065.53	1420	57
	WY 2006	688	72	605	32	189	483			848
I	Oct 2006	167	13	141	2	7	29	6073.01	1523	128
S	Nov 2006	42	0	62	1	0	27	6075.33	1556	47
T	Dec 2006	27	0	27	1	1	26	6075.31	1556	50
O	Jan 2007	22	0	21	1	1	29	6074.67	1546	46
R	Feb 2007	31	0	31	1	1	29	6074.65	1546	53
I	Mar 2007	126	13	104	2	5	41	6078.51	1603	76
C	Apr 2007	121	18	87	3	20	44	6079.81	1622	90
A	May 2007	258	34	200	4	25	212	6077.03	1581	257
L	Jun 2007	182	27	154	5	37	73	6079.68	1620	169
*	Jul 2007	33	4	46	5	38	46	6076.77	1577	71
	Aug 2007	33	1	50	4	35	46	6074.30	1541	46
	Sep 2007	30	1	45	3	20	45	6072.65	1518	45
	WY 2007	1072	111	968	32	190	647			1078
	Oct 2007	33	0	37	2	6	46	6071.45	1501	46
	Nov 2007	31	0	26	1	0	98	6066.15	1428	98
	Dec 2007	23	0	20	1	0	31	6065.30	1417	31
	Jan 2008	21	0	19	1	0	31	6064.38	1404	31
	Feb 2008	29	0	27	1	0	28	6064.25	1403	28
	Mar 2008	84	0	80	2	3	31	6067.50	1446	31
	Apr 2008	166	7	148	3	15	34	6074.41	1543	34
	May 2008	266	46	193	4	27	200	6071.71	1504	200
	Jun 2008	234	37	191	5	41	212	6066.85	1438	212
	Jul 2008	70	3	80	5	44	32	6066.80	1437	32
	Aug 2008	41	3	63	4	37	33	6065.96	1426	33
	Sep 2008	40	2	52	3	21	31	6065.76	1423	31
	WY 2008	1038	98	936	32	194	807			807
	Oct 2008	38	0	40	2	7	31	6065.78	1423	31
	Nov 2008	33	0	29	1	0	30	6065.64	1421	30
	Dec 2008	24	0	22	1	0	31	6064.94	1412	31
	Jan 2009	22	0	21	1	0	31	6064.14	1401	31
	Feb 2009	30	0	30	1	0	28	6064.22	1402	28
	Mar 2009	88	2	82	2	4	31	6067.65	1448	31
	Apr 2009	174	19	142	3	17	30	6074.29	1541	30
	May 2009	279	31	228	4	31	200	6073.82	1534	200
	Jun 2009	246	45	189	5	47	212	6068.46	1459	212
	Jul 2009	74	7	79	5	51	31	6067.91	1452	31

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Lake Powell

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	PowerPlant Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Bank Storage 1000 Ac-Ft	EOM Storage 1000 Ac-Ft	Lees Ferry 1000 Ac-Ft
*	Aug 2006	422	503	49	827	0	827	3602.78	18765	12017	863
H	Sep 2006	412	501	46	536	0	536	3601.74	18784	11917	561
	WY 2006	8607	8549	336	8228	0	8228				8491
I	Oct 2006	1018	922	27	606	0	606	3607.96	18463	12526	635
S	Nov 2006	558	536	24	603	0	603	3606.85	18483	12416	628
T	Dec 2006	402	502	21	801	0	801	3603.39	18502	12076	834
O	Jan 2007	315	426	13	800	0	800	3599.51	18487	11703	833
R	Feb 2007	404	462	15	604	0	604	3597.91	18481	11552	625
I	Mar 2007	795	680	13	602	0	602	3598.81	18461	11637	611
C	Apr 2007	802	701	20	600	0	600	3600.35	18394	11784	607
A	May 2007	1577	1441	29	601	0	601	3609.61	18297	12691	602
L	Jun 2007	1308	1072	43	801	0	801	3611.50	18334	12882	810
*	Jul 2007	364	451	44	804	0	804	3607.35	18354	12465	816
	Aug 2007	375	502	47	804	0	804	3604.06	18328	12142	804
	Sep 2007	350	492	40	603	0	603	3602.61	18317	12001	603
	WY 2007	8268	8187	336	8229	0	8229				8408
	Oct 2007	400	480	36	600	0	600	3601.11	18305	11856	600
	Nov 2007	462	551	30	600	0	600	3600.35	18300	11783	600
	Dec 2007	369	422	25	800	0	800	3596.40	18270	11410	800
	Jan 2008	339	399	18	800	0	800	3592.21	18239	11022	800
	Feb 2008	352	392	17	600	0	600	3589.93	18222	10814	600
	Mar 2008	555	499	21	600	0	600	3588.67	18213	10701	600
	Apr 2008	841	668	24	600	0	600	3589.13	18216	10742	600
	May 2008	1910	1705	33	600	0	600	3599.83	18296	11734	600
	Jun 2008	2482	2174	41	650	0	650	3613.71	18405	13107	650
	Jul 2008	1189	1102	48	850	0	850	3615.54	18421	13296	850
	Aug 2008	500	603	49	900	0	900	3612.42	18395	12975	900
	Sep 2008	406	537	42	630	0	630	3611.19	18385	12850	630
	WY 2008	9805	9532	384	8230	0	8230				8230
	Oct 2008	506	572	38	600	0	600	3610.58	18380	12789	600
	Nov 2008	523	566	31	600	0	600	3609.98	18375	12729	600
	Dec 2008	418	521	26	800	0	800	3607.16	18353	12446	800
	Jan 2009	384	494	19	800	0	800	3604.10	18329	12145	800
	Feb 2009	395	453	18	600	0	600	3602.52	18316	11992	600
	Mar 2009	628	580	23	600	0	600	3602.11	18313	11953	600
	Apr 2009	952	777	26	600	0	600	3603.56	18324	12093	600
	May 2009	2161	1895	36	600	0	600	3615.18	18418	13259	600
	Jun 2009	2808	2497	44	650	0	650	3630.67	18551	14928	650
	Jul 2009	1345	1238	53	850	0	850	3633.41	18576	15239	850

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Hoover Dam - Lake Mead

		Glen Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release CFS	SNWP Use 1000 Ac-Ft	Dwnstrm Reqmnts 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
*	Aug 2006	827	124	85	818	13.3	35	812	910	1126.54	14005
H	Sep 2006	536	69	70	633	10.6	28	628	903	1125.36	13887
	WY 2006	8228	702	668	9395		287	9343			
I	Oct 2006	606	117	51	564	9.2	26	554	908	1126.13	13964
S	Nov 2006	603	47	51	525	8.8	20	523	911	1126.63	14014
T	Dec 2006	801	39	44	621	10.1	15	617	921	1128.12	14164
O	Jan 2007	800	42	36	639	10.4	13	637	930	1129.55	14309
R	Feb 2007	604	67	33	647	11.6	12	646	929	1129.35	14288
I	Mar 2007	602	45	37	970	15.8	21	969	905	1125.79	13930
C	Apr 2007	600	24	45	1093	18.4	22	1092	873	1120.69	13426
A	May 2007	601	17	51	1026	16.7	34	1024	843	1115.89	12963
L	Jun 2007	801	10	61	958	16.1	35	957	828	1113.50	12735
*	Jul 2007	804	65	76	950	15.5	36	949	816	1111.58	12554
	Aug 2007	804	96	80	757	12.3	30	757	818	1111.91	12585
	Sep 2007	603	100	66	720	12.1	33	720	811	1110.76	12477
	WY 2007	8229	669	631	9470		297	9445			
	Oct 2007	600	71	48	390	6.3	31	390	823	1112.78	12667
	Nov 2007	600	61	48	615	10.3	24	615	822	1112.52	12643
	Dec 2007	800	53	42	576	9.4	12	576	835	1114.73	12853
	Jan 2008	800	125	34	669	10.9	13	669	848	1116.78	13049
	Feb 2008	600	114	32	595	10.3	13	595	853	1117.51	13119
	Mar 2008	600	78	35	920	15.0	17	920	835	1114.63	12843
	Apr 2008	600	66	43	1037	17.4	23	1037	808	1110.28	12432
	May 2008	600	64	49	1053	17.1	35	1053	779	1105.48	11987
	Jun 2008	650	12	58	1006	16.9	34	1006	753	1100.97	11578
	Jul 2008	850	50	72	936	15.2	33	936	744	1099.51	11447
	Aug 2008	900	96	76	811	13.2	30	811	749	1100.33	11521
	Sep 2008	630	100	63	706	11.9	33	706	745	1099.59	11454
	WY 2008	8230	890	600	9314		298	9313			
	Oct 2008	600	71	46	406	6.6	31	406	756	1101.56	11631
	Nov 2008	600	61	46	590	9.9	24	590	756	1101.58	11632
	Dec 2008	800	53	40	571	9.3	12	571	770	1103.96	11849
	Jan 2009	800	125	33	677	11.0	13	677	782	1106.03	12038
	Feb 2009	600	110	30	611	11.0	13	611	786	1106.60	12090
	Mar 2009	600	78	34	941	15.3	17	941	767	1103.38	11796
	Apr 2009	600	66	41	1042	17.5	23	1042	740	1098.78	11382
	May 2009	600	64	47	1064	17.3	35	1064	710	1093.64	10929
	Jun 2009	650	12	55	1000	16.8	34	1000	684	1088.99	10529
	Jul 2009	850	50	68	935	15.2	33	935	676	1087.50	10402

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Davis Dam - Lake Mohave

		Hoover Release 1000 Ac-Ft	Side inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Spill Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
*	Aug 2006	818	-15	791	0	791	12.9	643.26	1706
H	Sep 2006	633	-16	738	0	738	12.4	638.76	1584
	WY 2006	9395	-224	9152	0	9152			
I	Oct 2006	564	5	686	0	686	11.2	634.29	1467
S	Nov 2006	525	5	489	0	489	8.2	635.85	1508
T	Dec 2006	621	-7	542	0	542	8.8	638.56	1579
O	Jan 2007	639	-20	541	0	541	8.8	641.43	1656
R	Feb 2007	647	-16	649	0	649	11.7	640.75	1638
I	Mar 2007	970	-28	895	0	895	14.6	642.49	1685
C	Apr 2007	1093	-34	1001	0	1001	16.8	644.58	1742
A	May 2007	1026	-37	996	0	996	16.2	644.29	1734
L	Jun 2007	958	-34	965	0	965	16.2	642.79	1693
*	Jul 2007	950	-31	916	0	916	14.9	642.89	1696
	Aug 2007	757	-23	743	0	743	12.1	642.50	1685
	Sep 2007	720	-17	810	0	810	13.6	638.50	1578
	WY 2007	9470	-237	9233	0	9233			
	Oct 2007	390	0	596	0	596	9.7	630.49	1371
	Nov 2007	615	-14	511	0	511	8.6	634.00	1460
	Dec 2007	576	-18	434	0	434	7.1	638.71	1583
	Jan 2008	669	-19	566	0	566	9.2	641.80	1666
	Feb 2008	595	-14	580	0	580	10.1	641.80	1666
	Mar 2008	920	-24	862	0	862	14.0	643.05	1700
	Apr 2008	1037	-27	1010	0	1010	17.0	643.01	1699
	May 2008	1053	-32	1021	0	1021	16.6	643.01	1699
	Jun 2008	1006	-25	1008	0	1008	16.9	642.00	1671
	Jul 2008	936	-24	925	0	925	15.0	641.50	1658
	Aug 2008	811	-23	787	0	787	12.8	641.50	1658
	Sep 2008	706	-17	782	0	782	13.1	638.00	1564
	WY 2008	9314	-237	9082	0	9082			
	Oct 2008	406	0	599	0	599	9.7	630.49	1371
	Nov 2008	590	-14	486	0	486	8.2	634.00	1460
	Dec 2008	571	-18	429	0	429	7.0	638.71	1583
	Jan 2009	677	-19	575	0	575	9.3	641.80	1666
	Feb 2009	611	-14	597	0	597	10.7	641.80	1666
	Mar 2009	941	-24	883	0	883	14.4	643.05	1700
	Apr 2009	1042	-27	1016	0	1016	17.1	643.01	1699
	May 2009	1064	-32	1032	0	1032	16.8	643.01	1699
	Jun 2009	1000	-25	1001	0	1001	16.8	642.00	1671
	Jul 2009	935	-24	923	0	923	15.0	641.50	1658

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Parker Dam - Lake Havasu

		Davis Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	MWD Diversion 1000 Ac-Ft	CAP diversion 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft	Flow_to Mexico 1000 Ac-Ft	Flow_to Mexico 1000 CFS
*	Aug 2006	791	-25	636	10.3	87	47	447.98	580	99	1.6
H	Sep 2006	738	-18	548	9.2	60	137	446.67	555	94	1.6
	WY 2006	9152	-100	6695		827	1525			1552	
I	Oct 2006	686	-1	457	7.4	24	181	447.85	577	80	1.3
S	Nov 2006	489	-4	362	6.1	14	119	447.24	566	100	1.7
T	Dec 2006	542	-10	334	5.4	25	154	448.23	584	122	2.0
O	Jan 2007	541	0	366	5.9	50	134	447.71	575	123	2.0
R	Feb 2007	649	-19	472	8.5	59	131	445.97	542	149	2.7
I	Mar 2007	895	0	684	11.1	20	171	447.06	562	203	3.3
C	Apr 2007	1001	-4	751	12.6	76	161	447.53	571	198	3.3
A	May 2007	996	-11	721	11.7	86	159	448.56	591	109	1.8
L	Jun 2007	965	-20	721	12.1	83	145	448.30	586	118	2.0
*	Jul 2007	916	-1	749	12.2	64	100	448.35	587	123	2.0
	Aug 2007	743	-12	611	9.9	100	37	447.47	570	93	1.5
	Sep 2007	810	-12	559	9.4	95	154	446.84	558	89	1.5
	WY 2007	9233	-94	6787		696	1646			1507	
	Oct 2007	596	4	471	7.7	14	125	446.31	548	75	1.2
	Nov 2007	511	10	378	6.4	0	149	446.00	543	101	1.7
	Dec 2007	434	8	308	5.0	0	138	445.80	539	122	2.0
	Jan 2008	566	21	350	5.7	57	180	445.80	539	122	2.0
	Feb 2008	580	33	388	6.8	67	155	446.00	543	149	2.6
	Mar 2008	862	29	704	11.5	22	152	446.70	555	202	3.3
	Apr 2008	1010	-4	765	12.9	47	155	448.71	594	195	3.3
	May 2008	1021	-13	747	12.1	85	176	448.71	594	109	1.8
	Jun 2008	1008	-23	751	12.6	93	141	448.71	594	120	2.0
	Jul 2008	925	-19	754	12.3	96	69	448.00	580	124	2.0
	Aug 2008	787	-12	620	10.1	96	68	447.50	570	93	1.5
	Sep 2008	782	-12	554	9.3	93	135	446.81	557	89	1.5
	WY 2008	9082	22	6790		670	1643			1501	
	Oct 2008	599	4	469	7.6	34	110	446.31	548	75	1.2
	Nov 2008	486	10	376	6.3	16	111	446.00	543	101	1.7
	Dec 2008	429	8	305	5.0	13	123	445.80	539	122	2.0
	Jan 2009	575	21	350	5.7	67	179	445.80	539	122	2.0
	Feb 2009	597	32	386	7.0	79	160	446.00	543	149	2.7
	Mar 2009	883	29	699	11.4	26	174	446.70	555	202	3.3
	Apr 2009	1016	-4	758	12.7	55	160	448.71	594	195	3.3
	May 2009	1032	-13	737	12.0	101	180	448.71	594	109	1.8
	Jun 2009	1001	-23	741	12.5	110	127	448.71	594	120	2.0
	Jul 2009	923	-19	744	12.1	114	60	448.00	580	124	2.0

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Hoover Dam - Lake Mead

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Hoover Static Head Feet	Hoover Generator Capacity MW	Hoover Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Aug 2006	818	13.3	1126.54	14005	12	0.00	1751.0	331.9	100	405.6
H	Sep 2006	633	10.6	1125.36	13887	-118	0.00	1793.0	250.8	100	396.1
	WY 2006	9395							3871.7		
I	Oct 2006	564	9.2	1126.13	13964	77	0.00	1551.0	223.2	88	395.7
S	Nov 2006	525	8.8	1126.63	14014	50	0.00	1128.0	210.9	64	401.7
T	Dec 2006	621	10.1	1128.12	14164	150	0.00	1128.0	252.7	64	407.1
O	Jan 2007	639	10.4	1129.55	14309	145	0.00	1233.0	262.8	70	411.6
R	Feb 2007	647	11.6	1129.35	14288	-20	0.00	969.0	267.6	55	413.7
I	Mar 2007	970	15.8	1125.79	13930	-358	0.00	1319.0	406.2	74	418.7
C	Apr 2007	1093	18.4	1120.69	13426	-504	0.00	1275.0	455.6	73	416.9
A	May 2007	1026	16.7	1115.89	12963	-463	0.00	1506.0	417.8	88	407.3
L	Jun 2007	958	16.1	1113.50	12735	-228	0.00	1742.0	384.0	100	400.9
*	Jul 2007	950	15.5	1111.58	12554	-181	0.00	1730.0	377.2	100	397.0
	Aug 2007	757	12.3	1111.91	12585	32	458.22	1704.0	309.2	100	408.6
	Sep 2007	720	12.1	1110.76	12477	-108	459.24	1704.0	293.9	100	408.4
	WY 2007	9468							3861.0		
	Oct 2007	390	6.3	1112.78	12667	190	464.32	1363.2	154.6	80	396.3
	Nov 2007	615	10.3	1112.52	12643	-24	470.46	954.2	260.5	56	423.9
	Dec 2007	576	9.4	1114.73	12853	210	468.30	1073.5	238.2	63	413.6
	Jan 2008	669	10.9	1116.78	13049	196	467.87	1089.9	278.6	63	416.6
	Feb 2008	595	10.3	1117.51	13119	70	468.25	1089.9	249.7	63	419.8
	Mar 2008	920	15.0	1114.63	12843	-276	465.99	1211.0	390.0	70	423.9
	Apr 2008	1037	17.4	1110.28	12432	-410	460.13	1482.5	431.2	87	416.0
	May 2008	1053	17.1	1105.48	11987	-445	455.59	1463.3	433.2	87	411.2
	Jun 2008	1006	16.9	1100.97	11578	-409	449.88	1658.0	404.7	100	402.3
	Jul 2008	936	15.2	1099.51	11447	-132	447.41	1633.0	376.0	100	401.8
	Aug 2008	811	13.2	1100.33	11521	74	447.26	1633.0	327.1	100	403.3
	Sep 2008	706	11.9	1099.59	11454	-67	448.44	1633.0	281.6	100	399.0
	WY 2008	9313							3825.3		
	Oct 2008	406	6.6	1101.56	11631	177	453.45	1290.1	159.3	79	392.2
	Nov 2008	590	9.9	1101.58	11632	2	455.26	1535.0	236.9	94	401.7
	Dec 2008	571	9.3	1103.96	11849	216	454.10	1558.5	226.7	94	397.0
	Jan 2009	677	11.0	1106.03	12038	189	457.37	983.3	277.9	61	410.2
	Feb 2009	611	11.0	1106.60	12090	53	456.80	1112.3	248.6	69	407.0
	Mar 2009	941	15.3	1103.38	11796	-294	454.30	1225.1	389.1	76	413.5
	Apr 2009	1042	17.5	1098.78	11382	-414	449.47	1305.7	426.8	81	409.4
	May 2009	1064	17.3	1093.64	10929	-453	445.41	1192.9	433.9	74	407.8
	Jun 2009	1000	16.8	1088.99	10529	-400	438.06	1612.0	391.8	100	391.9
	Jul 2009	935	15.2	1087.50	10402	-127	435.51	1612.0	366.0	100	391.6

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Davis Dam - Lake Mohave

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Davis Static Head Feet	Davis Generator Capacity MW	Davis Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Aug 2006	791	12.9	643.26	1706	11	0.00	255.0	95.7	100	120.9
H	Sep 2006	738	12.4	638.76	1584	-122	0.00	255.0	100.0	100	135.4
	WY 2006	9152							1131.8		
I	Oct 2006	686	11.2	634.29	1467	-117	0.00	207.0	81.7	81	119.2
S	Nov 2006	489	8.2	635.85	1508	40	0.00	186.0	57.1	73	116.6
T	Dec 2006	542	8.8	638.56	1579	71	0.00	184.0	64.5	72	119.0
O	Jan 2007	541	8.8	641.43	1656	77	0.00	184.0	66.9	72	123.7
R	Feb 2007	649	11.7	640.75	1638	-18	0.00	204.0	81.3	80	125.3
I	Mar 2007	895	14.6	642.49	1685	47	0.00	212.0	112.7	83	126.0
C	Apr 2007	1001	16.8	644.58	1742	57	0.00	255.0	125.6	100	125.5
A	May 2007	996	16.2	644.29	1734	-8	0.00	255.0	126.4	100	126.9
L	Jun 2007	965	16.2	642.79	1693	-41	0.00	255.0	122.2	100	126.6
*	Jul 2007	916	14.9	642.89	1696	3	0.00	242.0	114.9	95	125.5
	Aug 2007	743	12.1	642.50	1685	-11	135.72	255.0	93.6	100	126.0
	Sep 2007	810	13.6	638.50	1578	-108	133.42	255.0	100.0	100	123.5
	WY 2007	9232							1147.0		
	Oct 2007	596	9.7	630.49	1371	-206	127.09	255.0	71.2	100	119.4
	Nov 2007	511	8.6	634.00	1460	89	124.93	247.4	60.2	97	117.8
	Dec 2007	434	7.1	638.71	1583	123	129.99	221.9	53.0	87	122.2
	Jan 2008	566	9.2	641.80	1666	83	133.72	234.6	70.6	92	124.8
	Feb 2008	580	10.1	641.80	1666	0	135.26	237.2	73.0	93	125.9
	Mar 2008	862	14.0	643.05	1700	34	135.93	237.2	107.8	93	125.1
	Apr 2008	1010	17.0	643.01	1699	-1	136.08	255.0	125.9	100	124.7
	May 2008	1021	16.6	643.01	1699	0	136.05	255.0	127.4	100	124.8
	Jun 2008	1008	16.9	642.00	1671	-28	135.52	255.0	125.2	100	124.2
	Jul 2008	925	15.0	641.50	1658	-14	134.73	255.0	114.8	100	124.1
	Aug 2008	787	12.8	641.50	1658	0	134.46	255.0	98.1	100	124.6
	Sep 2008	782	13.1	638.00	1564	-94	132.63	255.0	96.2	100	122.9
	WY 2008	9082							1123.6		
	Oct 2008	599	9.7	630.49	1371	-193	126.83	255.0	71.4	100	119.2
	Nov 2008	486	8.2	634.00	1460	89	124.93	247.4	57.4	97	118.0
	Dec 2008	429	7.0	638.71	1583	123	129.99	221.9	52.4	87	122.2
	Jan 2009	575	9.3	641.80	1666	83	133.72	234.6	71.7	92	124.8
	Feb 2009	597	10.7	641.80	1666	0	135.26	237.2	75.0	93	125.6
	Mar 2009	883	14.4	643.05	1700	34	135.93	237.2	110.3	93	125.0
	Apr 2009	1016	17.1	643.01	1699	-1	136.08	255.0	126.6	100	124.7
	May 2009	1032	16.8	643.01	1699	0	136.05	255.0	128.7	100	124.7
	Jun 2009	1001	16.8	642.00	1671	-28	135.52	255.0	124.5	100	124.3
	Jul 2009	923	15.0	641.50	1658	-14	134.73	255.0	114.6	100	124.1

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Parker Dam - Lake Havasu

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Parker Static Head Feet	Parker Generator Capacity MW	Parker Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Aug 2006	636	10.3	447.98	580	-5	0.00	120.0	41.6	100	65.4
H	Sep 2006	548	9.2	446.67	555	-25	0.00	120.0	37.0	100	67.6
	WY 2006	6695							448.2		
I	Oct 2006	457	7.4	447.85	577	22	0.00	91.0	30.8	76	67.4
S	Nov 2006	363	6.1	447.24	566	-11	0.00	96.0	24.1	80	66.5
T	Dec 2006	334	5.4	448.23	584	19	0.00	107.0	21.8	89	65.2
O	Jan 2007	366	5.9	447.71	575	-10	0.00	97.0	24.7	81	67.6
R	Feb 2007	472	8.5	445.97	542	-32	0.00	108.0	31.4	90	66.6
I	Mar 2007	684	11.1	447.06	562	20	0.00	109.0	45.5	91	66.6
C	Apr 2007	751	12.6	447.53	571	9	0.00	120.0	49.3	100	65.6
A	May 2007	721	11.7	448.56	591	20	0.00	120.0	48.2	100	66.9
L	Jun 2007	721	12.1	448.30	586	-5	0.00	120.0	48.5	100	67.2
*	Jul 2007	749	12.2	448.35	587	1	0.00	120.0	50.1	100	66.9
	Aug 2007	611	9.9	447.47	570	-17	75.29	120.0	40.1	100	65.6
	Sep 2007	559	9.4	446.84	558	-12	75.47	99.6	36.8	83	65.8
	WY 2007	6786							451.2		
	Oct 2007	471	7.7	446.31	548	-10	75.99	79.2	31.1	66	65.9
	Nov 2007	378	6.4	446.00	543	-6	75.58	79.2	24.6	66	65.0
	Dec 2007	308	5.0	445.80	539	-4	75.34	79.2	19.7	66	63.9
	Jan 2008	350	5.7	445.80	539	0	74.64	90.0	22.4	75	63.8
	Feb 2008	388	6.8	446.00	543	4	74.74	90.0	25.0	75	64.5
	Mar 2008	704	11.5	446.70	555	13	75.17	90.0	46.6	75	66.1
	Apr 2008	765	12.9	448.71	594	38	75.09	120.0	50.5	100	66.0
	May 2008	747	12.1	448.71	594	0	76.06	120.0	49.7	100	66.6
	Jun 2008	751	12.6	448.71	594	0	76.06	120.0	50.0	100	66.7
	Jul 2008	754	12.3	448.00	580	-14	75.72	120.0	50.0	100	66.4
	Aug 2008	620	10.1	447.50	570	-10	75.13	120.0	40.6	100	65.5
	Sep 2008	554	9.3	446.81	557	-13	74.55	120.0	36.0	100	64.9
	WY 2008	6791							446.2		
	Oct 2008	469	7.6	446.31	548	-9	74.43	109.2	30.2	91	64.4
	Nov 2008	376	6.3	446.00	543	-6	74.04	109.2	23.9	91	63.6
	Dec 2008	305	5.0	445.80	539	-4	73.80	109.2	19.1	91	62.6
	Jan 2009	350	5.7	445.80	539	0	74.64	90.0	22.3	75	63.8
	Feb 2009	386	7.0	446.00	543	4	74.74	90.0	25.0	75	64.6
	Mar 2009	699	11.4	446.70	555	13	75.17	90.0	46.2	75	66.1
	Apr 2009	758	12.7	448.71	594	38	75.09	120.0	50.0	100	65.9
	May 2009	737	12.0	448.71	594	0	76.06	120.0	49.1	100	66.6
	Jun 2009	741	12.5	448.71	594	0	76.06	120.0	49.4	100	66.7
	Jul 2009	744	12.1	448.00	580	-14	75.72	120.0	49.3	100	66.3

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Upper Basin Power

		Glen Canyon 1000 MWHR	Flam Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Res 1000 MWHR	Font Res 1000 MWHR
*	Aug 2006	349	18	38	45	22	6
H	Sep 2006	223	19	30	39	20	2
	Summer 2006	571	36	69	83	42	8
I	Oct 2006	254	19	20	25	15	4
S	Nov 2006	254	19	14	18	10	4
T	Dec 2006	338	28	25	31	18	4
O	Jan 2007	336	28	25	31	16	4
R	Feb 2007	251	25	14	18	4	3
I	Mar 2007	249	20	10	12	7	3
	Winter 2007	1682	139	109	134	69	22
C	Apr 2007	250	18	11	17	11	3
A	May 2007	254	52	11	19	15	3
L	Jun 2007	343	26	13	18	15	3
*	Jul 2007	343	21	29	33	19	4
	Aug 2007	321	18	33	40	20	4
	Sep 2007	240	18	33	40	20	4
	Summer 2007	1751	154	131	167	99	20
	Oct 2007	237	18	22	27	14	3
	Nov 2007	237	18	12	16	8	3
	Dec 2007	314	18	14	18	9	3
	Jan 2008	312	18	16	21	11	3
	Feb 2008	233	17	15	19	10	2
	Mar 2008	232	18	16	21	12	3
	Winter 2008	1565	109	95	122	64	17
	Apr 2008	232	18	19	28	16	3
	May 2008	234	48	17	30	20	7
	Jun 2008	261	51	19	30	21	9
	Jul 2008	346	30	34	40	22	9
	Aug 2008	366	30	38	45	23	8
	Sep 2008	255	28	36	44	22	6
	Summer 2008	1694	205	164	217	124	41
	Oct 2008	242	30	24	29	15	6
	Nov 2008	241	28	15	19	10	6
	Dec 2008	321	34	19	24	12	6
	Jan 2009	319	34	21	27	14	5
	Feb 2009	238	27	16	20	11	4
	Mar 2009	237	30	17	23	12	5
	Winter 2009	1597	183	111	142	74	33
	Apr 2009	238	28	20	29	16	5
	May 2009	241	56	21	36	23	7
	Jun 2009	269	86	20	32	22	9
	Jul 2009	357	39	35	42	23	10

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model_run_id = 1684

F L O O D C O N T R O L C R I T E R I A
B E G I N N I N G O F M O N T H C O N D I T I O N S

MON	YEAR	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	LAKE POWELL KAF	UPPER BASIN TOTAL KAF	LAKE MEAD KAF	TOTAL KAF	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	TOT OR MAX ALLOW KAF	LAKE POWELL KAF	LAKE MEAD KAF	TOTAL KAF	BOM SPACE REQD KAF	MEAD SCHED REL KAF	MEAD FC REL KAF	SYS CONT MAF
		* * * * P R E D I C T E D S P A C E * * * *							* * * * C R E D I T A B L E S P A C E * * * *									
		* * * * C R E D I T A B L E S P A C E * * * *																	
AUG	2007	774	53	119	11855	12801	14826	27627	774	53	119	946	11855	14826	27627	1500	757	0	32.7
SEP	2007	802	106	155	12178	13242	14795	28036	802	106	155	1063	12178	14795	28036	2270	720	0	32.2
OCT	2007	838	178	178	12319	13513	14903	28416	838	178	178	1194	12319	14903	28416	3040	390	0	32.0
NOV	2007	863	214	195	12464	13736	14713	28449	863	214	195	1272	12464	14713	28449	3810	615	0	31.9
DEC	2007	877	226	268	12537	13908	14737	28645	877	226	268	1371	12537	14737	28645	4580	576	0	31.8
JAN	2008	901	248	279	12910	14338	14527	28865	901	248	279	1428	12910	14527	28865	5350	669	0	31.6
									* * * * E F F E C T I V E S P A C E * * * *									
JAN	2008	901	248	279	12910	14338	14527	28865	386	248	170	804	12910	14527	28241	5350	669	0	31.6
FEB	2008	921	279	292	13298	14790	14331	29121	405	279	181	865	13298	14331	28494	1500	595	0	31.4
MAR	2008	935	308	293	13506	15043	14261	29304	416	308	182	907	13506	14261	28674	1500	920	0	31.1
APR	2008	910	331	250	13619	15110	14537	29647	387	331	133	851	13619	14537	29007	1500	1037	0	30.9
MAY	2008	856	330	153	13578	14917	14948	29864	326	330	20	675	13578	14948	29201	1500	1053	0	31.6
JUN	2008	795	203	192	12586	13776	15393	29169	256	203	27	486	12586	15393	28465	1500	1006	0	32.9
JUL	2008	640	34	258	11213	12145	15802	27946	87	9	48	144	11213	15802	27159	1500	936	0	33.0
									* * * * C R E D I T A B L E S P A C E * * * *									
AUG	2008	569	27	259	11024	11879	15933	27813	569	27	259	855	11024	15933	27813	1500	811	0	32.6
SEP	2008	591	81	270	11345	12287	15859	28146	591	81	270	942	11345	15859	28146	2270	706	0	32.2
OCT	2008	636	157	273	11470	12536	15926	28462	636	157	273	1066	11470	15926	28462	3040	406	0	32.0
NOV	2008	667	195	273	11531	12665	15749	28414	667	195	273	1134	11531	15749	28414	3810	590	0	32.0
DEC	2008	697	213	275	11591	12777	15748	28525	697	213	275	1186	11591	15748	28525	4580	571	0	31.9
JAN	2009	756	253	284	11874	13167	15531	28698	756	253	284	1293	11874	15531	28698	5350	677	0	31.8
									* * * * E F F E C T I V E S P A C E * * * *									
JAN	2009	756	253	284	11874	13167	15531	28698	391	252	209	851	11874	15531	28257	5350	677	0	31.8
FEB	2009	811	300	295	12175	13581	15342	28923	444	300	219	963	12175	15342	28479	1500	611	0	31.6
MAR	2009	843	332	294	12328	13796	15290	29085	473	332	217	1021	12328	15290	28639	1500	941	0	31.4
APR	2009	826	356	248	12367	13797	15584	29381	452	356	165	973	12367	15584	28924	1500	1042	0	31.3
MAY	2009	769	352	155	12227	13502	15998	29500	388	352	53	792	12227	15998	29016	1500	1064	0	32.3
JUN	2009	669	223	162	11061	12114	16451	28565	277	215	25	516	11061	16451	28028	1500	1000	0	33.8
JUL	2009	517	44	237	9392	10188	16851	27039	112	11	48	170	9392	16851	26413	1500	935	0	34.0

To: All Annual Operating Plan Recipients

From: Lower Colorado Region
Boulder Canyon Operations Office
River Operations Group
Douglas B. Blatchford, P.E.
P.O. Box 61470
Boulder City, NV 89006-1470
Phone: 702-293-8190

This operational study reflects the 2007 Annual Operating Plan (AOP) as signed by the Secretary of the Interior. The Partial Domestic Surplus condition is the criterion governing the operation of Lake Mead for Calendar Year 2007. A copy of the 2007 AOP can be obtained by contacting (702)293-8190 or visiting our website at www.usbr.gov/lc/riverops.html.

In this study, the Calendar Year (CY) 2007 diversion for Metropolitan Water District of Southern California (MWD) is forecasted to be 0.697 million acre-feet (maf). The CY 2007 diversion for the Central Arizona Project (CAP) is forecasted to be 1.569 maf. Consumptive use for Nevada above Hoover is forecasted to be 0.297 maf for CY 2007.

According to Sections 2(B)(1) and (7) of the Interim Surplus Guidelines, the Partial Domestic Surplus Condition is the criterion governing the operation of Lake Mead for calendar year 2007 in accordance with Article III(3)(b) of the Operating Criteria, and Article II(B)(2) of the Consolidated Decree. It should be noted, however, that the projected releases in 2007 currently reflect demands under the Normal Condition for the Metropolitan Water District of Southern California (MWD), the Central Arizona Project (CAP), and the Southern Nevada Water Authority (SNWA), per their request. This does not, however, preclude the MWD, CAP, and SNWA from requesting Partial Domestic Surplus water in calendar year 2007.

Due to declining Lake Mead elevations, Hoover's generator capacity is adjusted based on estimated effective capacity and plant availability. The estimated effective capacity is based on projected Lake Mead elevations. Unit capacity tests will be performed as the lake elevation changes in 2' increments. This study reflects these changes in the projections.

Current runoff projections into Lake Powell are provided by the National Weather Service's Colorado Basin River Forecast Center and are as follows: observed unregulated inflow into Lake Powell for the month of September, 2007 was 0.296 maf or 62% of the 30 year average. The forecast for October, 2007 unregulated inflow into Lake Powell is 0.425 maf or 78% of the 30 year average. The observed 2007 April through July unregulated inflow is 4.051 maf or 51% of average.

Hoover, Davis, and Parker historical gross energy figures come from PO&M reports provided by the Power and O&M Group, Boulder Canyon Operations, Bureau of Reclamation, Boulder City, Nevada. Questions regarding these historical energy numbers can be directed to Larry Karr at (702) 293-8094.

(Note: Lower Basin previous months' historical SNWP and flow to Mexico values are preliminary estimates.)

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Fontenelle Reservoir

		Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Oct 2006	41	1	54	1	55	6489.68	226
H	Nov 2006	40	1	54	0	54	6487.35	210
I	Dec 2006	29	1	57	0	57	6482.67	182
S	Jan 2007	26	1	56	0	56	6477.07	152
T	Feb 2007	26	0	50	0	50	6471.76	127
O	Mar 2007	62	0	56	0	56	6473.15	133
R	Apr 2007	49	1	51	0	51	6472.62	131
I	May 2007	109	1	49	0	49	6483.80	189
C	Jun 2007	89	2	48	0	48	6489.96	228
A	Jul 2007	46	2	50	0	50	6489.09	222
L	Aug 2007	35	2	50	0	50	6486.48	205
*	Sep 2007	25	1	27	16	43	6483.42	186
	WY 2007	577	13	602	17	619		
	Oct 2007	32	1	43	0	43	6481.35	174
	Nov 2007	30	1	42	0	42	6479.13	162
	Dec 2007	30	1	43	0	43	6476.45	149
	Jan 2008	23	0	43	0	43	6472.07	128
	Feb 2008	21	0	40	0	40	6467.41	108
	Mar 2008	40	0	43	0	43	6466.54	105
	Apr 2008	69	1	42	0	42	6472.88	132
	May 2008	137	1	52	0	52	6488.06	216
	Jun 2008	240	2	104	49	153	6500.20	300
	Jul 2008	145	3	101	7	108	6504.62	335
	Aug 2008	65	2	92	0	92	6500.82	305
	Sep 2008	38	2	61	4	65	6496.89	276
	WY 2008	870	14	706	60	766		
	Oct 2008	49	1	68	0	68	6494.05	256
	Nov 2008	41	1	65	0	65	6490.33	230
	Dec 2008	32	1	68	0	68	6484.70	194
	Jan 2009	30	1	68	0	68	6477.82	155
	Feb 2009	27	0	61	0	61	6470.45	121
	Mar 2009	51	0	70	0	70	6465.73	102
	Apr 2009	89	1	89	0	89	6465.47	101
	May 2009	176	1	97	11	108	6480.17	168
	Jun 2009	308	2	102	71	173	6500.26	301
	Jul 2009	186	3	101	47	148	6504.85	336
	Aug 2009	83	2	100	0	100	6502.33	317
	Sep 2009	49	2	89	0	89	6496.67	274
	WY 2009	1121	15	978	129	1107		

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T E M R E S E R V O I R S

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Flaming Gorge Reservoir

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Yampa Flow 1000 Ac-Ft	Jensen Flow 1000 Ac-Ft
*	Oct 2006	50	64	7	50	0	50	88	6024.37	3137	0	114
H	Nov 2006	43	57	4	48	0	48	89	6024.50	3142	0	100
I	Dec 2006	29	58	2	76	0	76	88	6023.99	3123	0	110
S	Jan 2007	33	63	2	75	0	75	87	6023.61	3109	0	592
T	Feb 2007	45	69	2	66	0	66	87	6023.65	3111	0	392
O	Mar 2007	119	113	3	51	0	51	90	6025.19	3167	0	221
R	Apr 2007	73	75	5	50	0	50	90	6025.71	3187	0	263
I	May 2007	164	106	8	138	0	138	89	6024.67	3148	0	525
C	Jun 2007	90	49	10	69	0	69	88	6023.89	3119	0	227
A	Jul 2007	42	45	13	55	0	55	87	6023.31	3098	0	81
L	Aug 2007	32	46	12	51	0	51	86	6022.87	3082	0	66
*	Sep 2007	23	40	10	49	0	49	85	6022.35	3063	0	72
	WY 2007	743	785	78	778	0	778					2763
	Oct 2007	35	46	7	49	0	49	85	6022.08	3054	0	49
	Nov 2007	35	47	3	48	0	48	85	6021.97	3050	0	48
	Dec 2007	30	43	2	49	0	49	85	6021.76	3042	0	49
	Jan 2008	32	52	2	49	0	49	85	6021.79	3043	0	49
	Feb 2008	36	55	2	46	0	46	85	6021.98	3050	0	46
	Mar 2008	80	83	3	49	0	49	86	6022.81	3080	0	49
	Apr 2008	110	83	5	48	0	48	87	6023.62	3110	0	48
	May 2008	203	118	7	132	0	132	86	6023.04	3088	0	132
	Jun 2008	309	222	10	126	0	126	89	6025.31	3172	0	126
	Jul 2008	169	132	13	77	0	77	90	6026.40	3212	0	77
	Aug 2008	75	102	12	77	0	77	91	6026.74	3225	0	77
	Sep 2008	45	72	11	74	0	74	90	6026.41	3212	0	74
	WY 2008	1159	1055	77	824	0	824					824
	Oct 2008	59	78	7	77	0	77	90	6026.26	3207	0	77
	Nov 2008	51	76	3	74	0	74	90	6026.21	3205	0	74
	Dec 2008	37	72	2	92	0	92	89	6025.66	3185	0	92
	Jan 2009	41	79	2	92	0	92	89	6025.27	3170	0	92
	Feb 2009	45	79	2	83	0	83	89	6025.11	3164	0	83
	Mar 2009	103	122	3	92	0	92	90	6025.81	3190	0	92
	Apr 2009	142	143	5	95	0	95	91	6026.91	3231	0	95
	May 2009	263	195	8	151	0	151	92	6027.86	3267	0	151
	Jun 2009	400	264	10	234	0	234	93	6028.38	3287	0	234
	Jul 2009	219	181	14	98	0	98	95	6030.12	3354	0	98
	Aug 2009	97	114	13	98	0	98	95	6030.19	3356	0	98
	Sep 2009	58	99	11	95	0	95	95	6030.01	3349	0	95
	WY 2009	1515	1502	80	1281	0	1281					1281

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Taylor Park Reservoir

		Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Oct 2006	10	5	9314.16	77
H	Nov 2006	6	4	9315.22	79
I	Dec 2006	5	5	9315.38	79
S	Jan 2007	4	5	9315.07	78
T	Feb 2007	3	4	9314.65	78
O	Mar 2007	6	5	9315.67	79
R	Apr 2007	8	5	9317.64	83
I	May 2007	27	11	9325.94	98
C	Jun 2007	27	23	9327.98	102
A	Jul 2007	15	25	9322.65	92
L	Aug 2007	10	18	9318.20	84
*	Sep 2007	8	14	9314.67	78
	WY 2007	129	124		
	Oct 2007	6	7	9314.13	77
	Nov 2007	5	5	9314.00	76
	Dec 2007	4	5	9313.65	76
	Jan 2008	4	5	9313.15	75
	Feb 2008	4	5	9312.46	74
	Mar 2008	4	5	9312.00	73
	Apr 2008	8	8	9312.20	73
	May 2008	27	20	9316.45	81
	Jun 2008	43	22	9327.67	102
	Jul 2008	20	22	9326.86	100
	Aug 2008	10	20	9321.64	90
	Sep 2008	7	16	9316.62	81
	WY 2008	142	140		
	Oct 2008	6	12	9313.15	75
	Nov 2008	5	6	9312.47	74
	Dec 2008	4	5	9312.12	73
	Jan 2009	4	5	9311.62	73
	Feb 2009	4	5	9310.94	71
	Mar 2009	4	5	9310.47	71
	Apr 2009	8	10	9309.41	69
	May 2009	27	18	9315.01	78
	Jun 2009	43	20	9327.43	101
	Jul 2009	20	22	9326.62	99
	Aug 2009	10	20	9321.38	89
	Sep 2009	7	14	9317.49	82
	WY 2009	142	142		

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Blue Mesa Reservoir

	Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir elevation EOM Feet	Live Storage 1000 Ac-Ft
* Oct 2006	70	65	1	74	0	74	7499.52	657
H Nov 2006	42	40	0	52	0	52	7498.10	646
I Dec 2006	35	35	0	93	0	93	7490.78	587
S Jan 2007	30	31	0	93	0	93	7482.56	525
T Feb 2007	26	27	0	54	0	54	7478.89	498
O Mar 2007	55	54	0	38	0	38	7481.01	513
R Apr 2007	67	64	1	43	0	43	7483.72	533
I May 2007	189	174	1	41	0	41	7500.42	665
C Jun 2007	174	169	1	47	0	47	7514.60	786
A Jul 2007	81	91	2	99	0	99	7513.48	776
L Aug 2007	75	83	1	109	0	109	7510.40	749
* Sep 2007	50	56	1	117	0	117	7503.06	687
WY 2007	894	889	8	860	0	860		
Oct 2007	35	36	1	75	0	75	7498.25	647
Nov 2007	30	30	0	53	0	53	7495.40	624
Dec 2007	25	26	0	68	0	68	7490.00	581
Jan 2008	23	24	0	67	0	67	7484.33	538
Feb 2008	21	22	0	51	0	51	7480.41	509
Mar 2008	32	33	0	55	0	55	7477.27	486
Apr 2008	70	70	1	68	0	68	7477.41	487
May 2008	202	195	1	61	0	61	7494.92	620
Jun 2008	259	238	1	64	0	64	7515.38	793
Jul 2008	116	118	2	107	0	107	7516.38	802
Aug 2008	59	69	1	122	0	122	7510.26	748
Sep 2008	34	43	1	114	0	114	7501.79	676
WY 2008	906	904	8	905	0	905		
Oct 2008	35	41	1	78	0	78	7497.21	639
Nov 2008	31	32	0	48	0	48	7495.16	622
Dec 2008	25	26	0	66	0	66	7490.00	581
Jan 2009	24	25	0	73	0	73	7483.66	533
Feb 2009	22	23	0	60	0	60	7478.59	496
Mar 2009	34	35	0	61	0	61	7474.87	469
Apr 2009	73	75	1	72	0	72	7475.20	472
May 2009	212	203	1	64	0	64	7493.58	609
Jun 2009	271	248	1	66	0	66	7515.04	790
Jul 2009	121	122	2	108	0	108	7516.40	803
Aug 2009	62	72	1	122	0	122	7510.58	751
Sep 2009	36	43	1	106	0	106	7503.12	687
WY 2009	946	945	8	924	0	924		

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Morrow Point Reservoir

	Unreg Inflow 1000 Ac-Ft	Blue_Mesa Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Evap losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
* Oct 2006	69	74	-1	73	0	71	0	71	7148.31	108
H Nov 2006	41	52	-1	50	0	52	0	52	7146.13	106
I Dec 2006	31	93	-4	89	0	88	0	88	7146.46	106
S Jan 2007	25	93	-5	88	0	88	0	88	7145.92	106
T Feb 2007	24	54	-2	51	0	51	0	51	7145.91	106
O Mar 2007	58	38	3	41	0	34	0	34	7154.36	113
R Apr 2007	73	43	6	49	0	50	0	50	7153.49	112
I May 2007	202	41	13	54	0	53	0	53	7154.94	113
C Jun 2007	179	47	4	51	0	52	0	52	7153.84	112
A Jul 2007	73	99	-7	92	0	92	0	92	7153.52	112
L Aug 2007	67	109	-8	101	0	100	0	100	7154.39	113
* Sep 2007	41	117	-8	109	0	107	0	107	7156.75	114
WY 2007	883	860	-10	848	0	838	0	838		
Oct 2007	38	75	3	78	0	80	0	80	7153.73	112
Nov 2007	32	53	2	55	0	55	0	55	7153.73	112
Dec 2007	27	68	2	70	0	70	0	70	7153.73	112
Jan 2008	25	67	2	69	0	69	0	69	7153.73	112
Feb 2008	24	51	3	54	0	54	0	54	7153.73	112
Mar 2008	36	55	4	59	0	59	0	59	7153.73	112
Apr 2008	80	68	10	78	0	78	0	78	7153.73	112
May 2008	226	61	24	85	0	85	0	85	7153.73	112
Jun 2008	279	64	20	83	0	84	0	84	7153.73	112
Jul 2008	121	107	5	112	0	112	0	112	7153.73	112
Aug 2008	62	122	3	125	0	125	0	125	7153.73	112
Sep 2008	37	114	3	117	0	117	0	117	7153.73	112
WY 2008	987	905	81	985	0	988	0	988		
Oct 2008	38	78	3	81	0	81	0	81	7153.73	112
Nov 2008	33	48	2	50	0	50	0	50	7153.73	112
Dec 2008	27	66	2	68	0	68	0	68	7153.73	112
Jan 2009	26	73	2	75	0	75	0	75	7153.73	112
Feb 2009	25	60	3	63	0	63	0	63	7153.73	112
Mar 2009	38	61	4	65	0	65	0	65	7153.73	112
Apr 2009	84	72	11	83	0	83	0	83	7153.73	112
May 2009	237	64	25	89	0	89	0	89	7153.73	112
Jun 2009	292	66	21	87	0	87	0	87	7153.73	112
Jul 2009	127	108	7	115	0	115	0	115	7153.73	112
Aug 2009	65	122	4	126	0	126	0	126	7153.73	112
Sep 2009	39	106	3	109	0	109	0	109	7153.73	112
WY 2009	1031	924	87	1011	0	1011	0	1011		

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Crystal Reservoir

	unreg Inflow 1000 Ac-Ft	Morrow Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Tunnel Flow 1000 Ac-Ft	Below_tunnel Flow 1000 Ac-Ft
* Oct 2006	76	71	7	77	77	0	77	6746.08	15	40	39
H Nov 2006	46	52	5	57	58	0	58	6740.90	14	0	58
I Dec 2006	35	88	4	93	93	0	93	6738.89	13	0	99
S Jan 2007	29	88	4	92	85	8	93	6737.51	13	1	101
T Feb 2007	27	51	3	55	25	29	54	6739.24	13	2	57
O Mar 2007	67	34	8	43	42	0	42	6739.82	13	1	43
R Apr 2007	84	50	11	61	57	0	57	6751.74	17	31	29
I May 2007	228	53	25	78	78	0	78	6751.27	16	53	29
C Jun 2007	200	52	21	73	74	0	74	6745.12	15	51	28
A Jul 2007	80	92	7	99	98	0	98	6748.50	16	66	37
L Aug 2007	74	100	7	107	108	0	108	6744.63	15	63	51
* Sep 2007	46	107	5	112	112	0	112	6746.25	15	56	62
WY 2007	992	838	107	947	907	37	944			364	633
Oct 2007	45	80	7	87	86	0	86	6753.04	17	36	50
Nov 2007	37	55	5	60	60	0	60	6753.04	17	0	60
Dec 2007	31	70	4	74	74	0	74	6753.04	17	0	74
Jan 2008	30	69	5	74	74	0	74	6753.04	17	0	74
Feb 2008	28	54	4	58	58	0	58	6753.04	17	0	58
Mar 2008	44	59	8	67	67	0	67	6753.04	17	5	62
Apr 2008	92	78	12	90	90	0	90	6753.04	17	30	60
May 2008	259	85	33	118	118	0	118	6753.04	17	55	63
Jun 2008	315	84	36	119	120	0	120	6753.04	17	60	60
Jul 2008	137	112	16	128	128	0	128	6753.04	17	65	63
Aug 2008	71	125	9	134	134	0	134	6753.04	17	65	69
Sep 2008	43	117	6	123	123	0	123	6753.04	17	55	68
WY 2008	1132	988	145	1132	1132	0	1132			371	761
Oct 2008	44	81	7	87	87	0	87	6753.04	17	30	57
Nov 2008	38	50	5	55	55	0	55	6753.04	17	0	55
Dec 2008	32	68	5	73	73	0	73	6753.04	17	0	73
Jan 2009	31	75	5	80	80	0	80	6753.04	17	0	80
Feb 2009	29	63	4	67	67	0	67	6753.04	17	0	67
Mar 2009	46	65	7	72	72	0	72	6753.04	17	5	67
Apr 2009	96	83	12	95	95	0	95	6753.04	17	30	65
May 2009	272	89	35	124	124	0	124	6753.04	17	55	69
Jun 2009	330	87	38	125	125	0	125	6753.04	17	60	65
Jul 2009	144	115	17	132	132	0	132	6753.04	17	65	67
Aug 2009	74	126	8	134	134	0	134	6753.04	17	65	69
Sep 2009	45	109	6	115	115	0	115	6753.04	17	55	60
WY 2009	1181	1011	149	1159	1159	0	1159			365	794

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Vallecito Reservoir

		Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Oct 2006	54	42	7653.51	96
H	Nov 2006	15	34	7645.48	76
I	Dec 2006	8	8	7645.38	76
S	Jan 2007	7	6	7645.38	76
T	Feb 2007	5	5	7645.51	76
O	Mar 2007	14	5	7649.56	86
R	Apr 2007	22	5	7656.47	103
I	May 2007	68	45	7664.82	125
C	Jun 2007	67	68	7664.36	124
A	Jul 2007	23	41	7657.48	106
L	Aug 2007	27	34	7654.84	99
*	Sep 2007	18	34	7648.41	83
	WY 2007	328	327		
	Oct 2007	15	15	7648.39	83
	Nov 2007	8	8	7648.34	83
	Dec 2007	6	5	7648.73	84
	Jan 2008	5	5	7648.78	84
	Feb 2008	5	5	7648.64	84
	Mar 2008	8	5	7649.84	87
	Apr 2008	22	10	7654.61	98
	May 2008	67	50	7661.04	115
	Jun 2008	75	69	7663.08	120
	Jul 2008	30	43	7657.90	107
	Aug 2008	18	43	7647.56	81
	Sep 2008	16	30	7641.20	67
	WY 2008	275	288		
	Oct 2008	13	15	7640.14	65
	Nov 2008	8	4	7642.05	69
	Dec 2008	6	4	7642.91	71
	Jan 2009	5	4	7643.40	72
	Feb 2009	5	4	7643.63	72
	Mar 2009	8	4	7645.35	76
	Apr 2009	22	10	7650.34	88
	May 2009	69	50	7657.94	107
	Jun 2009	78	65	7662.53	119
	Jul 2009	31	43	7657.66	106
	Aug 2009	19	43	7647.81	82
	Sep 2009	17	30	7642.02	69
	WY 2009	281	276		

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Navajo Reservoir

	Mod_Unreg Inflow 1000 Ac-Ft	Azetea Tunnel_Div 1000 Ac-Ft	Reg Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	NIIP Diversion 1000 ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Farm Flow 1000 Ac-Ft
* Oct 2006	167	13	141	2	7	29	6073.01	1523	128
H Nov 2006	42	0	62	1	0	27	6075.33	1556	47
I Dec 2006	27	0	27	1	1	26	6075.31	1556	50
S Jan 2007	22	0	21	1	1	29	6074.67	1546	46
T Feb 2007	31	0	31	1	1	29	6074.65	1546	53
O Mar 2007	126	13	104	2	5	41	6078.51	1603	76
R Apr 2007	121	18	87	3	20	44	6079.81	1622	90
I May 2007	258	34	200	4	25	212	6077.03	1581	257
C Jun 2007	182	27	154	5	37	73	6079.68	1620	169
A Jul 2007	33	4	46	5	38	46	6076.77	1577	81
L Aug 2007	61	7	59	4	33	48	6074.98	1551	82
* Sep 2007	27	2	41	3	23	56	6072.10	1510	77
WY 2007	1097	118	973	32	191	660			1156
Oct 2007	35	0	35	2	6	46	6070.75	1491	46
Nov 2007	25	0	25	1	0	30	6070.32	1485	30
Dec 2007	17	0	16	1	0	31	6069.20	1470	31
Jan 2008	21	0	21	1	0	31	6068.43	1459	31
Feb 2008	29	0	29	1	0	28	6068.47	1460	28
Mar 2008	84	0	81	2	3	31	6071.72	1504	31
Apr 2008	166	7	147	3	15	34	6078.32	1600	34
May 2008	266	46	203	4	27	200	6076.39	1571	200
Jun 2008	234	37	191	5	41	212	6071.70	1504	212
Jul 2008	41	3	51	5	44	32	6069.56	1474	32
Aug 2008	40	3	62	4	37	33	6068.66	1462	33
Sep 2008	42	2	55	3	21	31	6068.62	1462	31
WY 2008	1000	98	916	32	194	739			739
Oct 2008	38	0	40	2	7	31	6068.65	1462	31
Nov 2008	33	0	29	1	0	30	6068.50	1460	30
Dec 2008	24	0	22	1	0	31	6067.82	1451	31
Jan 2009	22	0	21	1	0	31	6067.04	1440	31
Feb 2009	30	0	30	1	0	28	6067.11	1441	28
Mar 2009	88	2	82	2	4	31	6070.46	1487	31
Apr 2009	174	19	142	3	17	30	6076.95	1580	30
May 2009	279	31	228	4	31	200	6076.48	1573	200
Jun 2009	246	45	189	5	47	212	6071.23	1498	212
Jul 2009	74	7	79	5	51	31	6070.68	1490	31
Aug 2009	43	3	64	4	37	33	6069.95	1480	33
Sep 2009	42	2	54	3	21	30	6069.89	1479	30
WY 2009	1093	109	980	32	215	718			718

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Lake Powell

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	PowerPlant Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Bank Storage 1000 Ac-Ft	EOM Storage 1000 Ac-Ft	Lees Ferry 1000 Ac-Ft
*	Oct 2006	1018	922	27	606	0	606	3607.96	18463	12526	635
H	Nov 2006	559	536	28	603	0	603	3606.85	18480	12416	628
I	Dec 2006	406	506	27	801	0	801	3603.39	18498	12076	834
S	Jan 2007	317	427	15	800	0	800	3599.51	18483	11703	833
T	Feb 2007	408	466	20	604	0	604	3597.91	18477	11552	625
O	Mar 2007	797	682	15	602	0	602	3598.81	18456	11637	611
R	Apr 2007	802	701	25	600	0	600	3600.35	18385	11784	607
I	May 2007	1577	1441	31	601	0	601	3609.61	18286	12691	602
C	Jun 2007	1308	1072	48	801	0	801	3611.50	18317	12882	810
A	Jul 2007	365	452	47	804	0	804	3607.35	18334	12465	816
L	Aug 2007	378	437	54	804	0	804	3603.58	18284	12095	815
*	Sep 2007	296	454	46	604	0	604	3601.87	18253	11929	611
	WY 2007	8231	8096	383	8230	0	8230				8427
	Oct 2007	425	497	36	600	0	600	3600.53	18243	11800	600
	Nov 2007	425	466	30	600	0	600	3598.93	18231	11648	600
	Dec 2007	350	426	25	800	0	800	3595.00	18201	11279	800
	Jan 2008	339	410	18	800	0	800	3590.89	18171	10901	800
	Feb 2008	352	391	17	600	0	600	3588.58	18154	10692	600
	Mar 2008	555	497	21	600	0	600	3587.30	18145	10578	600
	Apr 2008	841	666	24	600	0	600	3587.74	18148	10617	600
	May 2008	1910	1706	33	600	0	600	3598.53	18228	11610	600
	Jun 2008	2482	2159	40	650	0	650	3612.37	18336	12971	650
	Jul 2008	1189	1126	48	850	0	850	3614.44	18353	13182	850
	Aug 2008	500	598	49	900	0	900	3611.26	18327	12857	900
	Sep 2008	406	527	42	630	0	630	3609.93	18317	12723	630
	WY 2008	9774	9469	383	8230	0	8230				8230
	Oct 2008	506	567	38	600	0	600	3609.28	18311	12658	600
	Nov 2008	523	561	31	600	0	600	3608.62	18306	12592	600
	Dec 2008	418	520	26	800	0	800	3605.77	18283	12309	800
	Jan 2009	384	494	19	800	0	800	3602.68	18259	12008	800
	Feb 2009	395	468	18	600	0	600	3601.24	18248	11869	600
	Mar 2009	628	592	22	600	0	600	3600.95	18246	11841	600
	Apr 2009	952	797	26	600	0	600	3602.59	18259	11999	600
	May 2009	2161	1884	36	600	0	600	3614.17	18351	13155	600
	Jun 2009	2808	2495	44	650	0	650	3629.73	18484	14822	650
	Jul 2009	1345	1227	52	850	0	850	3632.39	18508	15123	850
	Aug 2009	566	658	54	900	0	900	3629.97	18487	14849	900
	Sep 2009	459	577	46	630	0	630	3629.14	18479	14757	630
	WY 2009	11145	10840	412	8230	0	8230				8230

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Hoover Dam - Lake Mead

		Glen Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release CFS	SNWP Use 1000 Ac-Ft	Dwnstrm Reqmnts 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
*	Oct 2006	606	117	51	564	9.2	26	554	908	1126.13	13964
H	Nov 2006	603	47	51	525	8.8	20	523	911	1126.63	14014
I	Dec 2006	801	39	44	621	10.1	15	617	921	1128.12	14164
S	Jan 2007	800	42	36	639	10.4	13	637	930	1129.55	14309
T	Feb 2007	604	67	33	647	11.6	12	646	929	1129.35	14288
O	Mar 2007	602	45	37	970	15.8	21	969	905	1125.79	13930
R	Apr 2007	600	26	45	1093	18.4	25	1089	873	1120.69	13426
I	May 2007	601	17	51	1026	16.7	34	1024	843	1115.89	12963
C	Jun 2007	801	10	61	958	16.1	35	957	828	1113.50	12735
A	Jul 2007	804	67	76	950	15.5	38	949	816	1111.58	12554
L	Aug 2007	804	138	80	803	13.1	33	801	818	1111.84	12578
*	Sep 2007	604	61	66	656	11.0	21	653	813	1111.06	12505
	WY 2007	8230	676	631	9452		293	9420			
	Oct 2007	600	71	48	570	9.3	26	570	815	1111.33	12531
	Nov 2007	600	61	48	573	9.6	20	573	816	1111.53	12549
	Dec 2007	800	53	42	490	8.0	19	490	834	1114.53	12833
	Jan 2008	800	125	34	669	10.9	13	669	847	1116.58	13030
	Feb 2008	600	114	32	595	10.3	13	595	851	1117.31	13099
	Mar 2008	600	78	35	920	15.0	17	920	834	1114.43	12823
	Apr 2008	600	66	43	1037	17.4	23	1037	807	1110.08	12413
	May 2008	600	64	49	1053	17.1	35	1053	778	1105.27	11968
	Jun 2008	650	12	58	1006	16.9	34	1006	751	1100.76	11559
	Jul 2008	850	50	72	936	15.2	33	936	743	1099.29	11428
	Aug 2008	900	96	76	811	13.2	30	811	748	1100.12	11502
	Sep 2008	630	100	63	706	11.9	33	706	743	1099.38	11435
	WY 2008	8230	890	600	9366		296	9365			
	Oct 2008	600	71	46	406	6.6	31	406	755	1101.35	11612
	Nov 2008	600	61	46	590	9.9	24	590	755	1101.37	11614
	Dec 2008	800	53	40	571	9.3	12	571	769	1103.75	11830
	Jan 2009	800	125	33	677	11.0	13	677	781	1105.82	12019
	Feb 2009	600	110	30	611	11.0	13	611	785	1106.40	12072
	Mar 2009	600	78	34	941	15.3	17	941	766	1103.18	11777
	Apr 2009	600	66	41	1042	17.5	23	1042	739	1098.57	11363
	May 2009	600	64	47	1064	17.3	35	1064	709	1093.43	10911
	Jun 2009	650	12	55	1000	16.8	34	1000	683	1088.77	10510
	Jul 2009	850	50	68	935	15.2	33	935	675	1087.28	10383
	Aug 2009	900	96	72	818	13.3	30	818	680	1088.12	10455
	Sep 2009	630	100	59	713	12.0	33	713	675	1087.28	10384
	WY 2009	8230	886	571	9368		298	9368			

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Davis Dam - Lake Mohave

	Hoover Release 1000 Ac-Ft	Side inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Spill Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
* Oct 2006	564	5	686	0	686	11.2	634.29	1467
H Nov 2006	525	5	489	0	489	8.2	635.85	1508
I Dec 2006	621	-7	542	0	542	8.8	638.56	1579
S Jan 2007	639	-20	541	0	541	8.8	641.43	1656
T Feb 2007	647	-16	649	0	649	11.7	640.75	1638
O Mar 2007	970	-28	895	0	895	14.6	642.49	1685
R Apr 2007	1093	-34	1001	0	1001	16.8	644.58	1742
I May 2007	1026	-37	996	0	996	16.2	644.29	1734
C Jun 2007	958	-34	965	0	965	16.2	642.79	1693
A Jul 2007	950	-31	916	0	916	14.9	642.89	1696
L Aug 2007	803	-29	786	0	786	12.8	642.45	1684
* Sep 2007	656	-18	777	0	777	13.0	637.26	1545
WY 2007	9452	-244	9243	0	9243			
Oct 2007	570	0	654	0	654	10.6	634.00	1460
Nov 2007	573	-14	546	0	546	9.2	634.50	1473
Dec 2007	490	-18	361	0	361	5.9	638.71	1583
Jan 2008	669	-19	566	0	566	9.2	641.80	1666
Feb 2008	595	-14	580	0	580	10.1	641.80	1666
Mar 2008	920	-24	862	0	862	14.0	643.05	1700
Apr 2008	1037	-27	1010	0	1010	17.0	643.01	1699
May 2008	1053	-32	1021	0	1021	16.6	643.01	1699
Jun 2008	1006	-25	1008	0	1008	16.9	642.00	1671
Jul 2008	936	-24	925	0	925	15.0	641.50	1658
Aug 2008	811	-23	787	0	787	12.8	641.50	1658
Sep 2008	706	-17	782	0	782	13.1	638.00	1564
WY 2008	9366	-237	9102	0	9102			
Oct 2008	406	0	599	0	599	9.7	630.49	1371
Nov 2008	590	-14	486	0	486	8.2	634.00	1460
Dec 2008	571	-18	429	0	429	7.0	638.71	1583
Jan 2009	677	-19	575	0	575	9.3	641.80	1666
Feb 2009	611	-14	597	0	597	10.7	641.80	1666
Mar 2009	941	-24	883	0	883	14.4	643.05	1700
Apr 2009	1042	-27	1016	0	1016	17.1	643.01	1699
May 2009	1064	-32	1032	0	1032	16.8	643.01	1699
Jun 2009	1000	-25	1001	0	1001	16.8	642.00	1671
Jul 2009	935	-24	923	0	923	15.0	641.50	1658
Aug 2009	818	-23	794	0	794	12.9	641.50	1658
Sep 2009	713	-17	789	0	789	13.3	638.00	1564
WY 2009	9368	-237	9124	0	9124			

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Parker Dam - Lake Havasu

		Davis Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	MWD Diversion 1000 Ac-Ft	CAP diversion 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft	Flow_to Mexico 1000 Ac-Ft	Flow_to Mexico 1000 CFS
*	Oct 2006	686	-1	457	7.4	24	181	447.85	577	80	1.3
H	Nov 2006	489	-4	362	6.1	14	119	447.24	566	100	1.7
I	Dec 2006	542	-10	334	5.4	25	154	448.23	584	122	2.0
S	Jan 2007	541	0	366	5.9	50	134	447.71	575	123	2.0
T	Feb 2007	649	-19	472	8.5	59	131	445.97	542	149	2.7
O	Mar 2007	895	0	684	11.1	20	171	447.06	562	203	3.3
R	Apr 2007	1001	-4	751	12.6	76	161	447.53	571	198	3.3
I	May 2007	996	-11	721	11.7	86	159	448.56	591	109	1.8
C	Jun 2007	965	-17	721	12.1	83	145	448.30	586	118	2.0
A	Jul 2007	916	-1	749	12.2	64	100	448.35	587	124	2.0
L	Aug 2007	786	-12	634	10.3	98	42	448.28	585	97	1.6
*	Sep 2007	777	-6	555	9.3	91	134	447.77	576	92	1.5
	WY 2007	9243	-85	6806		690	1631			1515	
	Oct 2007	654	4	479	7.8	26	168	447.00	561	75	1.2
	Nov 2007	546	10	377	6.3	25	145	447.50	570	101	1.7
	Dec 2007	361	8	303	4.9	19	79	445.80	539	122	2.0
	Jan 2008	566	21	350	5.7	57	180	445.80	539	122	2.0
	Feb 2008	580	33	388	6.8	67	155	446.00	543	149	2.6
	Mar 2008	862	29	704	11.5	22	152	446.70	555	202	3.3
	Apr 2008	1010	-4	765	12.9	47	155	448.71	594	195	3.3
	May 2008	1021	-13	747	12.1	85	176	448.71	594	109	1.8
	Jun 2008	1008	-23	751	12.6	93	141	448.71	594	120	2.0
	Jul 2008	925	-19	754	12.3	96	69	448.00	580	124	2.0
	Aug 2008	787	-12	620	10.1	96	68	447.50	570	93	1.5
	Sep 2008	782	-12	554	9.3	93	135	446.81	557	89	1.5
	WY 2008	9102	22	6792		726	1623			1501	
	Oct 2008	599	4	469	7.6	34	110	446.31	548	75	1.2
	Nov 2008	486	10	376	6.3	16	111	446.00	543	101	1.7
	Dec 2008	429	8	305	5.0	13	123	445.80	539	122	2.0
	Jan 2009	575	21	350	5.7	67	179	445.80	539	122	2.0
	Feb 2009	597	32	386	7.0	79	160	446.00	543	149	2.7
	Mar 2009	883	29	699	11.4	26	174	446.70	555	202	3.3
	Apr 2009	1016	-4	758	12.7	55	160	448.71	594	195	3.3
	May 2009	1032	-13	737	12.0	101	180	448.71	594	109	1.8
	Jun 2009	1001	-23	741	12.5	110	127	448.71	594	120	2.0
	Jul 2009	923	-19	744	12.1	114	60	448.00	580	124	2.0
	Aug 2009	794	-12	611	9.9	114	66	447.50	570	93	1.5
	Sep 2009	789	-12	549	9.2	110	131	446.81	557	89	1.5
	WY 2009	9124	21	6725		839	1581			1501	

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Hoover Dam - Lake Mead

	Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Hoover Static Head Feet	Hoover Generator Capacity MW	Hoover Gross Energy MKWH	Percent Of Units Available	KWH/AF
* Oct 2006	564	9.2	1126.13	13964	77	0.00	1551.0	223.2	88	395.7
H Nov 2006	525	8.8	1126.63	14014	50	0.00	1128.0	210.9	64	401.7
I Dec 2006	621	10.1	1128.12	14164	150	0.00	1128.0	252.7	64	407.1
S Jan 2007	639	10.4	1129.55	14309	145	0.00	1233.0	262.8	70	411.6
T Feb 2007	647	11.6	1129.35	14288	-20	0.00	969.0	267.6	55	413.7
O Mar 2007	970	15.8	1125.79	13930	-358	0.00	1319.0	406.2	74	418.7
R Apr 2007	1093	18.4	1120.69	13426	-504	0.00	1275.0	455.6	73	416.9
I May 2007	1026	16.7	1115.89	12963	-463	0.00	1506.0	417.8	88	407.3
C Jun 2007	958	16.1	1113.50	12735	-228	0.00	1742.0	384.0	100	400.9
A Jul 2007	950	15.5	1111.58	12554	-181	0.00	1730.0	377.2	100	397.0
L Aug 2007	803	13.1	1111.84	12578	24	0.00	1704.0	315.2	100	392.6
* Sep 2007	656	11.0	1111.06	12505	-73	0.00	1500.0	252.9	88	385.6
WY 2007	9450							3826.0		
Oct 2007	570	9.3	1111.33	12531	26	464.16	1363.2	231.3	80	406.1
Nov 2007	573	9.6	1111.53	12549	19	468.21	937.2	239.7	55	418.2
Dec 2007	490	8.0	1114.53	12833	284	467.54	1073.5	203.5	63	415.3
Jan 2008	669	10.9	1116.58	13030	196	467.67	1089.9	278.5	63	416.5
Feb 2008	595	10.3	1117.31	13099	70	468.05	1089.9	249.6	63	419.6
Mar 2008	920	15.0	1114.43	12823	-276	465.79	1211.0	389.9	70	423.7
Apr 2008	1037	17.4	1110.08	12413	-410	459.93	1482.5	431.0	87	415.8
May 2008	1053	17.1	1105.27	11968	-445	455.39	1463.3	433.0	87	411.0
Jun 2008	1006	16.9	1100.76	11559	-409	449.67	1658.0	404.5	100	402.1
Jul 2008	936	15.2	1099.29	11428	-132	447.20	1633.0	375.9	100	401.6
Aug 2008	811	13.2	1100.12	11502	74	447.05	1633.0	326.9	100	403.2
Sep 2008	706	11.9	1099.38	11435	-67	448.23	1633.0	281.5	100	398.8
WY 2008	9365							3845.2		
Oct 2008	406	6.6	1101.35	11612	177	453.24	1290.1	159.2	79	392.1
Nov 2008	590	9.9	1101.37	11614	2	455.71	1437.0	237.5	88	402.8
Dec 2008	571	9.3	1103.75	11830	216	454.54	1459.0	227.3	88	398.1
Jan 2009	677	11.0	1105.82	12019	189	455.74	1226.9	274.4	74	405.0
Feb 2009	611	11.0	1106.40	12072	53	454.62	1442.5	245.2	87	401.4
Mar 2009	941	15.3	1103.18	11777	-294	454.76	1160.6	391.4	70	416.0
Apr 2009	1042	17.5	1098.57	11363	-414	448.62	1442.5	424.0	87	406.7
May 2009	1064	17.3	1093.43	10911	-453	443.79	1442.5	427.6	87	401.8
Jun 2009	1000	16.8	1088.77	10510	-400	437.85	1658.0	391.6	100	391.7
Jul 2009	935	15.2	1087.28	10383	-127	435.29	1658.0	365.8	100	391.4
Aug 2009	818	13.3	1088.12	10455	71	435.13	1658.0	321.9	100	393.5
Sep 2009	713	12.0	1087.28	10384	-71	436.27	1658.0	277.9	100	389.6
WY 2009	9368							3743.8		

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Davis Dam - Lake Mohave

	Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Davis Static Head Feet	Davis Generator Capacity MW	Davis Gross Energy MKWH	Percent Of Units Available	KWH/AF
* Oct 2006	686	11.2	634.29	1467	-117	0.00	207.0	81.7	81	119.2
H Nov 2006	489	8.2	635.85	1508	40	0.00	186.0	57.1	73	116.6
I Dec 2006	542	8.8	638.56	1579	71	0.00	184.0	64.5	72	119.0
S Jan 2007	541	8.8	641.43	1656	77	0.00	184.0	66.9	72	123.7
T Feb 2007	649	11.7	640.75	1638	-18	0.00	204.0	81.3	80	125.3
O Mar 2007	895	14.6	642.49	1685	47	0.00	212.0	112.7	83	126.0
R Apr 2007	1001	16.8	644.58	1742	57	0.00	255.0	125.6	100	125.5
I May 2007	996	16.2	644.29	1734	-8	0.00	255.0	126.4	100	126.9
C Jun 2007	965	16.2	642.79	1693	-41	0.00	255.0	122.2	100	126.6
A Jul 2007	916	14.9	642.89	1696	3	0.00	242.0	114.9	95	125.5
L Aug 2007	786	12.8	642.45	1684	-12	0.00	255.0	99.2	100	126.3
* Sep 2007	777	13.0	637.26	1545	-139	0.00	240.0	95.9	94	123.5
WY 2007	9241							1148.4		
Oct 2007	654	10.6	634.00	1460	-85	129.85	201.5	78.6	79	120.1
Nov 2007	546	9.2	634.50	1473	13	129.42	170.9	65.2	67	119.4
Dec 2007	361	5.9	638.71	1583	110	131.46	183.6	44.4	72	122.9
Jan 2008	566	9.2	641.80	1666	83	136.05	160.6	70.6	63	124.8
Feb 2008	580	10.1	641.80	1666	0	136.62	191.2	73.0	75	125.9
Mar 2008	862	14.0	643.05	1700	34	136.20	226.9	107.8	89	125.1
Apr 2008	1010	17.0	643.01	1699	-1	136.08	255.0	125.9	100	124.7
May 2008	1021	16.6	643.01	1699	0	136.05	255.0	127.4	100	124.8
Jun 2008	1008	16.9	642.00	1671	-28	135.52	255.0	125.2	100	124.2
Jul 2008	925	15.0	641.50	1658	-14	134.73	255.0	114.8	100	124.1
Aug 2008	787	12.8	641.50	1658	0	134.46	255.0	98.1	100	124.6
Sep 2008	782	13.1	638.00	1564	-94	132.63	255.0	96.2	100	122.9
WY 2008	9102							1127.2		
Oct 2008	599	9.7	630.49	1371	-193	128.41	201.5	71.4	79	119.2
Nov 2008	486	8.2	634.00	1460	89	127.33	170.9	57.4	67	118.0
Dec 2008	429	7.0	638.71	1583	123	131.20	183.6	52.4	72	122.2
Jan 2009	575	9.3	641.80	1666	83	136.05	160.6	71.7	63	124.8
Feb 2009	597	10.7	641.80	1666	0	136.62	191.2	75.0	75	125.6
Mar 2009	883	14.4	643.05	1700	34	136.20	226.9	110.3	89	125.0
Apr 2009	1016	17.1	643.01	1699	-1	136.08	255.0	126.6	100	124.7
May 2009	1032	16.8	643.01	1699	0	136.05	255.0	128.7	100	124.7
Jun 2009	1001	16.8	642.00	1671	-28	135.52	255.0	124.5	100	124.3
Jul 2009	923	15.0	641.50	1658	-14	134.73	255.0	114.6	100	124.1
Aug 2009	794	12.9	641.50	1658	0	134.46	255.0	98.9	100	124.6
Sep 2009	789	13.3	638.00	1564	-94	132.63	255.0	97.0	100	122.9
WY 2009	9125							1128.6		

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Parker Dam - Lake Havasu

	Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Parker Static Head Feet	Parker Generator Capacity MW	Parker Gross Energy MKWH	Percent Of Units Available	KWH/AF
* Oct 2006	457	7.4	447.85	577	22	0.00	91.0	30.8	76	67.4
H Nov 2006	363	6.1	447.24	566	-11	0.00	96.0	24.1	80	66.5
I Dec 2006	334	5.4	448.23	584	19	0.00	107.0	21.8	89	65.2
S Jan 2007	366	5.9	447.71	575	-10	0.00	97.0	24.7	81	67.6
T Feb 2007	472	8.5	445.97	542	-32	0.00	108.0	31.4	90	66.6
O Mar 2007	684	11.1	447.06	562	20	0.00	109.0	45.5	91	66.6
R Apr 2007	751	12.6	447.53	571	9	0.00	120.0	49.3	100	65.6
I May 2007	721	11.7	448.56	591	20	0.00	120.0	48.2	100	66.9
C Jun 2007	721	12.1	448.30	586	-5	0.00	120.0	48.5	100	67.2
A Jul 2007	749	12.2	448.35	587	1	0.00	120.0	50.1	100	66.9
L Aug 2007	634	10.3	448.28	585	-1	0.00	120.0	43.0	100	67.8
* Sep 2007	555	9.3	447.77	576	-10	0.00	95.0	37.8	79	68.3
WY 2007	6804							455.2		
Oct 2007	479	7.8	447.00	561	-15	76.18	90.0	31.6	75	65.9
Nov 2007	377	6.3	447.50	570	9	76.65	79.2	24.8	66	65.7
Dec 2007	303	4.9	445.80	539	-31	76.07	79.2	19.5	66	64.2
Jan 2008	350	5.7	445.80	539	0	75.24	79.2	22.6	66	64.4
Feb 2008	388	6.8	446.00	543	4	74.74	90.0	25.0	75	64.5
Mar 2008	704	11.5	446.70	555	13	73.77	120.0	45.6	100	64.7
Apr 2008	765	12.9	448.71	594	38	75.09	120.0	50.5	100	66.0
May 2008	747	12.1	448.71	594	0	76.06	120.0	49.7	100	66.6
Jun 2008	751	12.6	448.71	594	0	76.06	120.0	50.0	100	66.7
Jul 2008	754	12.3	448.00	580	-14	75.72	120.0	50.0	100	66.4
Aug 2008	620	10.1	447.50	570	-10	75.13	120.0	40.6	100	65.5
Sep 2008	554	9.3	446.81	557	-13	75.71	94.8	36.6	79	66.0
WY 2008	6792							446.5		
Oct 2008	469	7.6	446.31	548	-9	75.37	90.0	30.6	75	65.3
Nov 2008	376	6.3	446.00	543	-6	75.58	79.2	24.4	66	65.0
Dec 2008	305	5.0	445.80	539	-4	75.34	79.2	19.5	66	63.8
Jan 2009	350	5.7	445.80	539	0	75.24	79.2	22.5	66	64.4
Feb 2009	386	7.0	446.00	543	4	74.74	90.0	25.0	75	64.6
Mar 2009	699	11.4	446.70	555	13	73.77	120.0	45.3	100	64.7
Apr 2009	758	12.7	448.71	594	38	75.09	120.0	50.0	100	65.9
May 2009	737	12.0	448.71	594	0	76.06	120.0	49.1	100	66.6
Jun 2009	741	12.5	448.71	594	0	76.06	120.0	49.4	100	66.7
Jul 2009	744	12.1	448.00	580	-14	75.72	120.0	49.3	100	66.3
Aug 2009	611	9.9	447.50	570	-10	75.13	120.0	40.0	100	65.5
Sep 2009	549	9.2	446.81	557	-13	75.71	94.8	36.2	79	66.0
WY 2009	6724							441.2		

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Upper Basin Power

	Glen Canyon 1000 MWHR	Flam Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Res 1000 MWHR	Font Res 1000 MWHR
* Oct 2006	254	19	20	25	15	4
H Nov 2006	254	19	14	18	10	4
I Dec 2006	338	28	25	31	18	4
S Jan 2007	336	28	25	31	16	4
T Feb 2007	251	25	14	18	4	3
O Mar 2007	249	20	10	12	7	3
Winter 2007	1682	139	109	134	69	22
R Apr 2007	250	18	11	17	11	3
I May 2007	254	52	11	19	15	3
C Jun 2007	343	26	13	18	15	3
A Jul 2007	343	21	29	33	19	4
L Aug 2007	340	20	32	36	20	3
* Sep 2007	253	19	34	39	20	2
Summer 2007	1782	156	130	162	100	18
Oct 2007	237	18	23	29	15	3
Nov 2007	236	17	16	20	10	3
Dec 2007	313	18	20	25	13	3
Jan 2008	311	18	20	25	13	3
Feb 2008	232	17	15	19	10	3
Mar 2008	231	18	16	21	12	3
Winter 2008	1561	105	109	140	72	18
Apr 2008	231	17	19	28	16	3
May 2008	234	48	18	31	20	4
Jun 2008	260	46	19	30	21	9
Jul 2008	345	28	34	40	22	10
Aug 2008	365	28	38	45	23	9
Sep 2008	254	27	35	42	21	6
Summer 2008	1689	194	163	216	123	39
Oct 2008	241	28	24	29	15	6
Nov 2008	241	27	14	18	10	6
Dec 2008	320	33	20	25	13	6
Jan 2009	318	34	21	27	14	5
Feb 2009	237	30	17	23	12	4
Mar 2009	237	34	17	23	13	4
Winter 2009	1593	186	113	145	75	31
Apr 2009	237	35	20	30	16	5
May 2009	240	55	19	32	21	7
Jun 2009	268	86	20	31	22	9
Jul 2009	357	36	34	41	23	10
Aug 2009	378	36	38	45	23	10
Sep 2009	264	35	33	39	20	8
Summer 2009	1744	283	164	219	126	48

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model_run_id = 1692

F L O O D C O N T R O L C R I T E R I A
B E G I N N I N G O F M O N T H C O N D I T I O N S

MON	YEAR	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	LAKE POWELL KAF	UPPER BASIN TOTAL KAF	LAKE MEAD KAF	TOTAL KAF	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	TOT OR MAX ALLOW KAF	LAKE POWELL KAF	LAKE MEAD KAF	TOTAL KAF	BOM SPACE REQD KAF	MEAD SCHED REL KAF	MEAD FC REL KAF	SYS CONT MAF
		* * * * P R E D I C T E D S P A C E * * * *							* * * * C R E D I T A B L E S P A C E * * * *									
OCT	2007	844	143	186	12391	13564	14875	28439	844	143	186	1173	12391	14875	28439	3040	570	0	31.9
NOV	2007	866	183	205	12520	13773	14849	28622	866	183	205	1253	12520	14849	28622	3810	573	0	31.8
DEC	2007	882	206	211	12672	13970	14831	28801	882	206	211	1299	12672	14831	28801	4580	490	0	31.7
JAN	2008	903	248	226	13041	14418	14547	28965	903	248	226	1378	13041	14547	28965	5350	669	0	31.5
									* * * * E F F E C T I V E S P A C E * * * *									
JAN	2008	903	248	226	13041	14418	14547	28965	412	248	155	816	13041	14547	28403	5350	669	0	31.5
FEB	2008	922	291	237	13419	14870	14350	29220	430	291	165	886	13419	14350	28655	1500	595	0	31.3
MAR	2008	935	321	236	13628	15120	14281	29401	440	321	164	924	13628	14281	28832	1500	920	0	31.0
APR	2008	909	343	192	13742	15186	14557	29742	409	343	113	865	13742	14557	29164	1500	1037	0	30.9
MAY	2008	853	342	96	13703	14993	14967	29960	346	342	1	689	13703	14967	29359	1500	1053	0	31.6
JUN	2008	790	209	125	12710	13833	15412	29245	276	205	-2	478	12710	15412	28600	1500	1006	0	32.8
JUL	2008	622	36	192	11349	12199	15821	28020	92	9	19	120	11349	15821	27291	1500	936	0	32.9
									* * * * C R E D I T A B L E S P A C E * * * *									
AUG	2008	547	27	222	11138	11934	15952	27886	547	27	222	796	11138	15952	27886	1500	811	0	32.5
SEP	2008	564	81	234	11463	12342	15878	28220	564	81	234	879	11463	15878	28220	2270	706	0	32.1
OCT	2008	605	153	234	11597	12590	15945	28535	605	153	234	993	11597	15945	28535	3040	406	0	32.0
NOV	2008	631	191	234	11662	12719	15768	28487	631	191	234	1056	11662	15768	28487	3810	590	0	31.9
DEC	2008	658	207	236	11728	12830	15766	28596	658	207	236	1102	11728	15766	28596	4580	571	0	31.9
JAN	2009	715	248	245	12011	13219	15550	28770	715	248	245	1209	12011	15550	28770	5350	677	0	31.7
									* * * * E F F E C T I V E S P A C E * * * *									
JAN	2009	715	248	245	12011	13219	15550	28770	368	248	209	825	12011	15550	28386	5350	677	0	31.7
FEB	2009	768	296	256	12312	13633	15361	28994	420	296	219	935	12312	15361	28608	1500	611	0	31.6
MAR	2009	809	334	255	12451	13848	15308	29157	458	334	217	1008	12451	15308	28768	1500	941	0	31.3
APR	2009	802	360	209	12479	13850	15603	29453	447	360	165	972	12479	15603	29054	1500	1042	0	31.2
MAY	2009	762	358	116	12321	13557	16017	29573	400	358	53	810	12321	16017	29148	1500	1064	0	32.2
JUN	2009	659	220	123	11165	12168	16469	28637	287	217	25	529	11165	16469	28164	1500	1000	0	33.7
JUL	2009	506	39	198	9498	10242	16870	27111	121	12	48	181	9498	16870	26549	1500	935	0	34.0
									* * * * C R E D I T A B L E S P A C E * * * *									
AUG	2009	404	27	206	9197	9834	16997	26830	404	27	206	637	9197	16997	26830	1500	818	0	33.7
SEP	2009	421	79	216	9471	10186	16925	27112	421	79	216	715	9471	16925	27112	2270	713	0	33.3

To: All Annual Operating Plan Recipients

From: Lower Colorado Region
Boulder Canyon Operations Office
River Operations Group
Douglas B. Blatchford, P.E.
P.O. Box 61470
Boulder City, NV 89006-1470
Phone: 702-293-8190

This operational study reflects the 2007 Annual Operating Plan (AOP) as signed by the Secretary of the Interior. The Partial Domestic Surplus condition is the criterion governing the operation of Lake Mead for Calendar Year 2007. A copy of the 2007 AOP can be obtained by contacting (702)293-8190 or visiting our website at www.usbr.gov/lc/riverops.html.

In this study, the Calendar Year (CY) 2007 diversion for Metropolitan Water District of Southern California (MWD) is forecasted to be 0.713 million acre-feet (maf). The CY 2007 diversion for the Central Arizona Project (CAP) is forecasted to be 1.576 maf. Consumptive use for Nevada above Hoover is forecasted to be 0.296 maf for CY 2007.

According to Sections 2(B)(1) and (7) of the Interim Surplus Guidelines, the Partial Domestic Surplus Condition is the criterion governing the operation of Lake Mead for calendar year 2007 in accordance with Article III(3)(b) of the Operating Criteria, and Article II(B)(2) of the Consolidated Decree. It should be noted, however, that the projected releases in 2007 currently reflect demands under the Normal Condition for the Metropolitan Water District of Southern California (MWD), the Central Arizona Project (CAP), and the Southern Nevada Water Authority (SNWA), per their request. This does not, however, preclude the MWD, CAP, and SNWA from requesting Partial Domestic Surplus water in calendar year 2007.

Due to declining Lake Mead elevations, Hoover's generator capacity is adjusted based on estimated effective capacity and plant availability. The estimated effective capacity is based on projected Lake Mead elevations. Unit capacity tests will be performed as the lake elevation changes in 2' increments. This study reflects these changes in the projections.

Current runoff projections into Lake Powell are provided by the National Weather Service's Colorado Basin River Forecast Center and are as follows: observed unregulated inflow into Lake Powell for the month of October, 2007 was 0.468 maf or 85% of the 30 year average. The forecast for November, 2007 unregulated inflow into Lake Powell is 0.400 maf or 74% of the 30 year average.

Hoover, Davis, and Parker historical gross energy figures come from PO&M reports provided by the Power and O&M Group, Boulder Canyon Operations, Bureau of Reclamation, Boulder City, Nevada. Questions regarding these historical energy numbers can be directed to Larry Karr at (702) 293-8094.

(Note: Lower Basin previous months' historical SNWP and flow to Mexico values are preliminary estimates.)

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Fontenelle Reservoir

	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
* Nov 2006	40	1	54	0	54	6487.35	210
H Dec 2006	29	1	57	0	57	6482.67	182
I Jan 2007	26	1	56	0	56	6477.07	152
S Feb 2007	26	0	50	0	50	6471.76	127
T Mar 2007	62	0	56	0	56	6473.15	133
O Apr 2007	49	1	51	0	51	6472.62	131
R May 2007	109	1	49	0	49	6483.80	189
I Jun 2007	89	2	48	0	48	6489.96	228
C Jul 2007	46	2	50	0	50	6489.09	222
A Aug 2007	35	2	50	0	50	6486.48	205
L Sep 2007	25	1	27	16	43	6483.42	186
WY 2007	577	13	602	16	618		
* Oct 2007	33	1	37	7	44	6481.38	175
Nov 2007	28	1	43	0	43	6478.51	159
Dec 2007	25	0	43	0	43	6474.75	140
Jan 2008	25	0	43	0	43	6470.66	122
Feb 2008	21	0	40	0	40	6465.84	102
Mar 2008	40	0	43	0	43	6464.95	99
Apr 2008	69	1	42	0	42	6471.50	126
May 2008	137	1	52	0	52	6487.14	209
Jun 2008	240	2	104	40	144	6500.57	303
Jul 2008	145	3	101	7	108	6504.98	337
Aug 2008	65	2	92	0	92	6501.19	308
Sep 2008	38	2	60	5	65	6497.27	279
WY 2008	866	13	700	59	759		
Oct 2008	49	1	68	0	68	6494.44	258
Nov 2008	41	1	65	0	65	6490.79	233
Dec 2008	32	1	68	0	68	6485.16	197
Jan 2009	30	1	68	0	68	6478.37	158
Feb 2009	27	0	61	0	61	6471.10	124
Mar 2009	51	0	70	0	70	6466.45	105
Apr 2009	89	1	89	0	89	6466.19	104
May 2009	176	1	97	11	108	6480.64	170
Jun 2009	308	2	103	70	173	6500.61	304
Jul 2009	186	3	101	47	148	6505.19	339
Aug 2009	83	2	100	0	100	6502.68	319
Sep 2009	49	2	60	29	89	6497.04	277
WY 2009	1121	15	950	157	1107		
Oct 2009	49	1	92	0	92	6490.65	232

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Flaming Gorge Reservoir

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Yampa Flow 1000 Ac-Ft	Jensen Flow 1000 Ac-Ft
*	Nov 2006	43	57	4	48	0	48	89	6024.50	3142	0	100
H	Dec 2006	29	58	2	76	0	76	88	6023.99	3123	0	110
I	Jan 2007	33	63	2	75	0	75	87	6023.61	3109	0	592
S	Feb 2007	45	69	2	66	0	66	87	6023.65	3111	0	392
T	Mar 2007	119	113	3	51	0	51	90	6025.19	3167	0	221
O	Apr 2007	73	75	5	50	0	50	90	6025.71	3187	0	263
R	May 2007	164	106	8	138	0	138	89	6024.67	3148	0	525
I	Jun 2007	90	49	10	69	0	69	88	6023.89	3119	0	227
C	Jul 2007	42	45	13	55	0	55	87	6023.31	3098	0	81
A	Aug 2007	32	46	12	51	0	51	86	6022.87	3082	0	66
L	Sep 2007	23	40	10	49	0	49	85	6022.35	3063	0	72
	WY 2007	743	785	78	778	0	778					2763
*	Oct 2007	35	46	7	49	1	50	85	6022.07	3053	0	95
	Nov 2007	30	45	3	48	0	48	85	6021.91	3048	0	48
	Dec 2007	25	43	2	49	0	49	85	6021.70	3040	0	49
	Jan 2008	25	43	2	49	0	49	84	6021.49	3033	0	49
	Feb 2008	36	55	2	46	0	46	85	6021.69	3040	0	46
	Mar 2008	80	83	3	49	0	49	86	6022.52	3070	0	49
	Apr 2008	110	83	5	48	0	48	87	6023.33	3099	0	48
	May 2008	203	118	7	132	0	132	86	6022.75	3078	0	132
	Jun 2008	309	213	10	126	0	126	88	6024.79	3153	0	126
	Jul 2008	169	132	13	77	0	77	90	6025.89	3193	0	77
	Aug 2008	75	102	12	77	0	77	90	6026.23	3206	0	77
	Sep 2008	45	72	11	74	0	74	90	6025.90	3193	0	74
	WY 2008	1142	1035	77	824	1	825					870
	Oct 2008	59	78	7	77	0	77	89	6025.75	3188	0	77
	Nov 2008	51	76	3	74	0	74	89	6025.70	3186	0	74
	Dec 2008	37	72	2	90	0	90	89	6025.19	3167	0	90
	Jan 2009	41	79	2	92	0	92	88	6024.80	3153	0	92
	Feb 2009	45	79	2	83	0	83	88	6024.64	3147	0	83
	Mar 2009	103	122	3	92	0	92	89	6025.34	3173	0	92
	Apr 2009	142	143	5	81	0	81	91	6026.82	3228	0	81
	May 2009	263	195	8	140	0	140	92	6028.04	3274	0	140
	Jun 2009	400	264	10	234	0	234	93	6028.56	3294	0	234
	Jul 2009	219	181	14	98	0	98	95	6030.30	3361	0	98
	Aug 2009	97	114	13	98	0	98	95	6030.37	3363	0	98
	Sep 2009	58	99	11	95	0	95	95	6030.18	3356	0	95
	WY 2009	1515	1502	80	1254	0	1254					1254
	Oct 2009	59	103	7	98	0	98	95	6030.11	3353	0	98

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Taylor Park Reservoir

		Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Nov 2006	6	4	9315.22	79
H	Dec 2006	5	5	9315.38	79
I	Jan 2007	4	5	9315.07	78
S	Feb 2007	3	4	9314.65	78
T	Mar 2007	6	5	9315.67	79
O	Apr 2007	8	5	9317.64	83
R	May 2007	27	11	9325.94	98
I	Jun 2007	27	23	9327.98	102
C	Jul 2007	15	25	9322.65	92
A	Aug 2007	10	18	9318.20	84
L	Sep 2007	8	14	9314.67	78
	WY 2007	129	124		
*	Oct 2007	7	7	9314.68	78
	Nov 2007	5	5	9314.55	77
	Dec 2007	4	5	9314.21	77
	Jan 2008	4	5	9313.82	76
	Feb 2008	4	5	9313.20	75
	Mar 2008	4	5	9312.77	74
	Apr 2008	8	10	9311.76	73
	May 2008	27	20	9316.03	80
	Jun 2008	43	22	9327.30	101
	Jul 2008	20	22	9326.49	99
	Aug 2008	10	20	9321.25	89
	Sep 2008	7	16	9316.20	80
	WY 2008	143	142		
	Oct 2008	6	12	9312.71	74
	Nov 2008	5	6	9312.03	73
	Dec 2008	4	5	9311.68	73
	Jan 2009	4	5	9311.17	72
	Feb 2009	4	5	9310.48	71
	Mar 2009	4	5	9310.01	70
	Apr 2009	8	10	9308.95	68
	May 2009	27	18	9314.58	77
	Jun 2009	43	20	9327.06	100
	Jul 2009	20	22	9326.25	99
	Aug 2009	10	20	9320.99	89
	Sep 2009	7	14	9317.08	82
	WY 2009	142	142		
	Oct 2009	6	12	9313.62	76

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Blue Mesa Reservoir

	Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir elevation EOM Feet	Live Storage 1000 Ac-Ft
* Nov 2006	42	40	0	52	0	52	7498.10	646
H Dec 2006	35	35	0	93	0	93	7490.78	587
I Jan 2007	30	31	0	93	0	93	7482.56	525
S Feb 2007	26	27	0	54	0	54	7478.89	498
T Mar 2007	55	54	0	38	0	38	7481.01	513
O Apr 2007	67	64	1	43	0	43	7483.72	533
R May 2007	189	174	1	41	0	41	7500.42	665
I Jun 2007	174	169	1	47	0	47	7514.60	786
C Jul 2007	81	91	2	99	0	99	7513.48	776
A Aug 2007	75	83	1	109	0	109	7510.40	749
L Sep 2007	50	56	1	117	0	117	7503.06	687
WY 2007	894	889	8	860	0	860		
* Oct 2007	48	48	1	85	0	85	7498.53	649
Nov 2007	30	30	0	55	0	55	7495.43	624
Dec 2007	25	26	0	68	0	68	7490.04	582
Jan 2008	25	26	0	68	0	68	7484.48	539
Feb 2008	21	22	0	54	0	54	7480.14	507
Mar 2008	32	33	0	55	0	55	7476.99	484
Apr 2008	70	72	1	68	0	68	7477.41	487
May 2008	202	195	1	61	0	61	7494.91	620
Jun 2008	259	238	1	63	0	63	7515.40	793
Jul 2008	116	118	2	107	0	107	7516.40	802
Aug 2008	59	69	1	122	0	122	7510.28	748
Sep 2008	34	43	1	114	0	114	7501.81	676
WY 2008	921	920	8	920	0	920		
Oct 2008	35	41	1	78	0	78	7497.23	639
Nov 2008	31	32	0	48	0	48	7495.18	622
Dec 2008	25	26	0	66	0	66	7490.00	581
Jan 2009	24	25	0	73	0	73	7483.66	533
Feb 2009	22	23	0	60	0	60	7478.60	496
Mar 2009	34	35	0	61	0	61	7474.88	469
Apr 2009	73	75	1	72	0	72	7475.20	472
May 2009	212	203	1	64	0	64	7493.58	610
Jun 2009	271	248	1	66	0	66	7515.04	790
Jul 2009	121	122	2	108	0	108	7516.41	803
Aug 2009	62	72	1	122	0	122	7510.59	751
Sep 2009	36	43	1	106	0	106	7503.12	687
WY 2009	946	945	8	924	0	924		
Oct 2009	35	41	1	78	0	78	7498.57	650

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Morrow Point Reservoir

	Unreg Inflow 1000 Ac-Ft	Blue_Mesa Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Evap losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
* Nov 2006	41	52	-1	50	0	52	0	52	7146.13	106
H Dec 2006	31	93	-4	89	0	88	0	88	7146.46	106
I Jan 2007	25	93	-5	88	0	88	0	88	7145.92	106
S Feb 2007	24	54	-2	51	0	51	0	51	7145.91	106
T Mar 2007	58	38	3	41	0	34	0	34	7154.36	113
O Apr 2007	73	43	6	49	0	50	0	50	7153.49	112
R May 2007	202	41	13	54	0	53	0	53	7154.94	113
I Jun 2007	179	47	4	51	0	52	0	52	7153.84	112
C Jul 2007	73	99	-7	92	0	92	0	92	7153.52	112
A Aug 2007	67	109	-8	101	0	100	0	100	7154.39	113
L Sep 2007	41	117	-8	109	0	107	0	107	7156.75	114
WY 2007	883	860	-10	848	0	837	0	837		
* Oct 2007	43	85	-4	80	0	85	0	85	7150.81	110
Nov 2007	32	55	2	57	0	55	0	55	7153.73	112
Dec 2007	27	68	2	70	0	70	0	70	7153.73	112
Jan 2008	27	68	2	70	0	70	0	70	7153.73	112
Feb 2008	24	54	3	57	0	57	0	57	7153.73	112
Mar 2008	36	55	4	59	0	59	0	59	7153.73	112
Apr 2008	80	68	10	78	0	78	0	78	7153.73	112
May 2008	226	61	24	85	0	85	0	85	7153.73	112
Jun 2008	279	63	20	83	0	83	0	83	7153.73	112
Jul 2008	121	107	5	112	0	112	0	112	7153.73	112
Aug 2008	62	122	3	125	0	125	0	125	7153.73	112
Sep 2008	37	114	3	117	0	117	0	117	7153.73	112
WY 2008	994	920	74	993	0	996	0	996		
Oct 2008	38	78	3	81	0	81	0	81	7153.73	112
Nov 2008	33	48	2	50	0	50	0	50	7153.73	112
Dec 2008	27	66	2	68	0	68	0	68	7153.73	112
Jan 2009	26	73	2	75	0	75	0	75	7153.73	112
Feb 2009	25	60	3	63	0	63	0	63	7153.73	112
Mar 2009	38	61	4	65	0	65	0	65	7153.73	112
Apr 2009	84	72	11	83	0	83	0	83	7153.73	112
May 2009	237	64	25	89	0	89	0	89	7153.73	112
Jun 2009	292	66	21	87	0	87	0	87	7153.73	112
Jul 2009	127	108	7	115	0	115	0	115	7153.73	112
Aug 2009	65	122	4	126	0	126	0	126	7153.73	112
Sep 2009	39	106	3	109	0	109	0	109	7153.73	112
WY 2009	1031	924	87	1011	0	1011	0	1011		
Oct 2009	38	78	3	81	0	81	0	81	7153.73	112

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Crystal Reservoir

	unreg Inflow 1000 Ac-Ft	Morrow Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Tunnel Flow 1000 Ac-Ft	Below_tunnel Flow 1000 Ac-Ft
* Nov 2006	46	52	5	57	58	0	58	6740.90	14	0	58
H Dec 2006	35	88	4	93	93	0	93	6738.89	13	0	99
I Jan 2007	29	88	4	92	85	8	93	6737.51	13	1	101
S Feb 2007	27	51	3	55	25	29	54	6739.24	13	2	57
T Mar 2007	67	34	8	43	42	0	42	6739.82	13	1	43
O Apr 2007	84	50	11	61	57	0	57	6751.74	17	31	29
R May 2007	228	53	25	78	78	0	78	6751.27	16	53	29
I Jun 2007	200	52	21	73	74	0	74	6745.12	15	51	28
C Jul 2007	80	92	7	99	98	0	98	6748.50	16	66	37
A Aug 2007	74	100	7	107	108	0	108	6744.63	15	63	51
L Sep 2007	46	107	5	112	112	0	112	6746.25	15	56	62
WY 2007	992	837	107	947	907	37	944			364	633
* Oct 2007	48	85	5	90	90	0	90	6745.51	15	33	54
Nov 2007	37	55	5	60	58	0	58	6753.04	17	0	58
Dec 2007	31	70	4	74	74	0	74	6753.04	17	0	74
Jan 2008	31	70	4	74	74	0	74	6753.04	17	0	74
Feb 2008	28	57	4	61	61	0	61	6753.04	17	0	61
Mar 2008	44	59	8	67	67	0	67	6753.04	17	5	62
Apr 2008	92	78	12	90	90	0	90	6753.04	17	30	60
May 2008	259	85	33	118	118	0	118	6753.04	17	55	63
Jun 2008	315	83	36	119	119	0	119	6753.04	17	60	59
Jul 2008	137	112	16	128	128	0	128	6753.04	17	65	63
Aug 2008	71	125	9	134	134	0	134	6753.04	17	65	69
Sep 2008	43	117	6	123	123	0	123	6753.04	17	55	68
WY 2008	1136	996	142	1138	1136	0	1136			368	765
Oct 2008	44	81	7	87	87	0	87	6753.04	17	30	57
Nov 2008	38	50	5	55	55	0	55	6753.04	17	0	55
Dec 2008	32	68	5	73	73	0	73	6753.04	17	0	73
Jan 2009	31	75	5	80	80	0	80	6753.04	17	0	80
Feb 2009	29	63	4	67	67	0	67	6753.04	17	0	67
Mar 2009	46	65	7	72	72	0	72	6753.04	17	5	67
Apr 2009	96	83	12	95	95	0	95	6753.04	17	30	65
May 2009	272	89	35	124	124	0	124	6753.04	17	55	69
Jun 2009	330	87	38	125	125	0	125	6753.04	17	60	65
Jul 2009	144	115	17	132	132	0	132	6753.04	17	65	67
Aug 2009	74	126	8	134	134	0	134	6753.04	17	65	69
Sep 2009	45	109	6	115	115	0	115	6753.04	17	55	60
WY 2009	1181	1011	149	1159	1159	0	1159			365	794
Oct 2009	44	81	7	87	87	0	87	6753.04	17	30	57

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Vallecito Reservoir

	Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
* Nov 2006	15	34	7645.48	76
H Dec 2006	8	8	7645.38	76
I Jan 2007	7	6	7645.38	76
S Feb 2007	5	5	7645.51	76
T Mar 2007	14	5	7649.56	86
O Apr 2007	22	5	7656.47	103
R May 2007	68	45	7664.82	125
I Jun 2007	67	68	7664.36	124
C Jul 2007	23	41	7657.48	106
A Aug 2007	27	34	7654.84	99
L Sep 2007	18	34	7648.41	83
WY 2007	328	327		
* Oct 2007	15	31	7641.28	67
Nov 2007	8	8	7641.23	67
Dec 2007	6	5	7641.66	68
Jan 2008	5	5	7641.63	68
Feb 2008	5	5	7641.44	67
Mar 2008	8	5	7642.71	70
Apr 2008	21	10	7647.42	81
May 2008	67	45	7656.25	102
Jun 2008	75	55	7663.68	122
Jul 2008	30	43	7658.52	108
Aug 2008	18	43	7648.24	83
Sep 2008	16	30	7641.94	68
WY 2008	274	285		
Oct 2008	13	15	7640.88	66
Nov 2008	8	4	7642.77	70
Dec 2008	6	4	7643.62	72
Jan 2009	5	4	7644.11	73
Feb 2009	5	4	7644.34	74
Mar 2009	8	4	7646.04	78
Apr 2009	22	10	7650.99	89
May 2009	69	50	7658.55	108
Jun 2009	78	65	7663.12	120
Jul 2009	31	43	7658.27	108
Aug 2009	19	43	7648.47	83
Sep 2009	17	30	7642.73	70
WY 2009	281	276		
Oct 2009	13	15	7641.69	68

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Navajo Reservoir

	Mod_Unreg Inflow 1000 Ac-Ft	Azetea Tunnel_Div 1000 Ac-Ft	Reg Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	NIIP Diversion 1000 ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Farm Flow 1000 Ac-Ft
* Nov 2006	42	0	62	1	0	27	6075.33	1556	47
H Dec 2006	27	0	27	1	1	26	6075.31	1556	50
I Jan 2007	22	0	21	1	1	29	6074.67	1546	46
S Feb 2007	31	0	31	1	1	29	6074.65	1546	53
T Mar 2007	126	13	104	2	5	41	6078.51	1603	76
O Apr 2007	121	18	87	3	20	44	6079.81	1622	90
R May 2007	258	34	200	4	25	212	6077.03	1581	257
I Jun 2007	182	27	154	5	37	73	6079.68	1620	169
C Jul 2007	33	4	46	5	38	46	6076.77	1577	81
A Aug 2007	61	7	59	4	33	48	6074.98	1551	82
L Sep 2007	27	2	41	3	23	56	6072.10	1510	80
WY 2007	1097	118	973	32	191	660			1159
* Oct 2007	41	0	57	2	10	46	6072.01	1509	79
Nov 2007	20	0	20	1	0	30	6071.23	1498	30
Dec 2007	15	0	14	1	0	31	6069.97	1480	31
Jan 2008	15	0	15	1	0	31	6068.78	1464	31
Feb 2008	29	0	29	1	0	28	6068.83	1464	28
Mar 2008	84	0	81	2	3	31	6072.07	1509	31
Apr 2008	166	7	148	3	15	34	6078.73	1606	34
May 2008	266	46	198	4	27	200	6076.45	1572	200
Jun 2008	234	37	177	5	41	212	6070.77	1491	212
Jul 2008	70	3	80	5	44	32	6070.71	1490	32
Aug 2008	41	3	63	4	37	33	6069.89	1479	33
Sep 2008	40	2	52	3	21	31	6069.68	1476	31
WY 2008	1021	98	934	32	198	739			772
Oct 2008	38	0	40	2	7	31	6069.70	1476	31
Nov 2008	33	0	29	1	0	30	6069.56	1474	30
Dec 2008	24	0	22	1	0	31	6068.89	1465	31
Jan 2009	22	0	21	1	0	31	6068.11	1455	31
Feb 2009	30	0	30	1	0	28	6068.18	1456	28
Mar 2009	88	2	82	2	4	31	6071.49	1501	31
Apr 2009	174	19	142	3	17	30	6077.94	1594	30
May 2009	279	31	228	4	31	200	6077.47	1587	200
Jun 2009	246	45	189	5	47	212	6072.25	1512	212
Jul 2009	74	7	79	5	51	31	6071.71	1504	31
Aug 2009	43	3	64	4	37	33	6070.98	1494	33
Sep 2009	42	2	54	3	21	30	6070.92	1493	30
WY 2009	1093	109	980	32	215	718			718
Oct 2009	38	0	40	2	7	31	6070.92	1493	31

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Lake Powell

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	PowerPlant Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Bank Storage 1000 Ac-Ft	EOM Storage 1000 Ac-Ft	Lees Ferry 1000 Ac-Ft
*	Nov 2006	559	536	28	603	0	603	3606.85	18480	12416	628
H	Dec 2006	406	506	27	801	0	801	3603.39	18498	12076	834
I	Jan 2007	317	427	15	800	0	800	3599.51	18483	11703	833
S	Feb 2007	408	466	20	604	0	604	3597.91	18477	11552	625
T	Mar 2007	797	682	15	602	0	602	3598.81	18456	11637	611
O	Apr 2007	802	701	25	600	0	600	3600.35	18385	11784	607
R	May 2007	1577	1441	31	601	0	601	3609.61	18286	12691	602
I	Jun 2007	1308	1072	48	801	0	801	3611.50	18317	12882	810
C	Jul 2007	365	452	47	804	0	804	3607.35	18334	12465	816
A	Aug 2007	378	437	54	804	0	804	3603.58	18284	12095	815
L	Sep 2007	296	454	46	604	0	604	3601.87	18253	11929	615
	WY 2007	8231	8096	383	8230	0	8230				8431
*	Oct 2007	467	540	26	601	0	601	3600.62	18286	11809	611
	Nov 2007	400	448	30	600	0	600	3598.86	18272	11641	600
	Dec 2007	325	408	24	800	0	800	3594.74	18241	11256	800
	Jan 2008	300	383	18	800	0	800	3590.35	18209	10853	800
	Feb 2008	352	394	17	600	0	600	3588.06	18193	10646	600
	Mar 2008	555	497	21	600	0	600	3586.78	18184	10532	600
	Apr 2008	841	666	24	600	0	600	3587.23	18187	10572	600
	May 2008	1910	1706	33	600	0	600	3598.05	18266	11565	600
	Jun 2008	2482	2159	40	650	0	650	3611.92	18375	12925	650
	Jul 2008	1189	1097	48	850	0	850	3613.73	18390	13109	850
	Aug 2008	500	597	49	900	0	900	3610.53	18364	12784	900
	Sep 2008	406	529	42	630	0	630	3609.22	18353	12652	630
	WY 2008	9727	9424	372	8231	0	8231				8241
	Oct 2008	506	567	38	600	0	600	3608.57	18348	12587	600
	Nov 2008	523	561	31	600	0	600	3607.91	18343	12521	600
	Dec 2008	418	519	26	800	0	800	3605.04	18320	12237	800
	Jan 2009	384	494	19	800	0	800	3601.93	18296	11936	800
	Feb 2009	395	468	18	600	0	600	3600.49	18285	11797	600
	Mar 2009	628	592	22	600	0	600	3600.20	18283	11769	600
	Apr 2009	952	782	25	600	0	600	3601.71	18294	11914	600
	May 2009	2161	1873	36	600	0	600	3613.25	18386	13060	600
	Jun 2009	2808	2495	44	650	0	650	3628.88	18519	14728	650
	Jul 2009	1345	1227	52	850	0	850	3631.56	18543	15028	850
	Aug 2009	566	658	54	900	0	900	3629.12	18521	14755	900
	Sep 2009	459	577	46	630	0	630	3628.29	18514	14663	630
	WY 2009	11145	10813	411	8230	0	8230				8230
	Oct 2009	506	589	42	600	0	600	3627.85	18510	14614	600

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Hoover Dam - Lake Mead

		Glen Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	SNWP Use 1000 Ac-Ft	Dwnstrm Reqmnts 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
*	Nov 2006	603	47	51	525	8.8	20	523	911	1126.63	14014
H	Dec 2006	801	39	44	621	10.1	15	617	921	1128.12	14164
I	Jan 2007	800	42	36	639	10.4	13	637	930	1129.55	14309
S	Feb 2007	604	67	33	647	11.6	12	646	929	1129.35	14288
T	Mar 2007	602	45	37	970	15.8	22	969	905	1125.79	13930
O	Apr 2007	600	26	45	1093	18.4	24	1089	873	1120.69	13426
R	May 2007	601	17	51	1026	16.7	34	1024	843	1115.89	12963
I	Jun 2007	801	10	61	958	16.1	35	957	828	1113.50	12735
C	Jul 2007	804	67	76	950	15.5	39	949	816	1111.58	12554
A	Aug 2007	804	138	80	803	13.1	33	801	818	1111.84	12578
L	Sep 2007	604	61	66	656	11.0	21	653	813	1111.06	12505
	WY 2007	8230	676	631	9452		294	9420			
*	Oct 2007	601	30	48	570	9.3	24	564	812	1110.95	12494
	Nov 2007	600	61	48	604	10.2	20	604	811	1110.84	12484
	Dec 2007	800	53	42	486	7.9	19	486	830	1113.89	12772
	Jan 2008	800	125	34	669	10.9	13	669	843	1115.94	12968
	Feb 2008	600	114	32	591	10.3	13	591	848	1116.71	13042
	Mar 2008	600	78	35	911	14.8	17	911	830	1113.91	12774
	Apr 2008	600	66	43	1037	17.4	23	1037	804	1109.55	12364
	May 2008	600	64	49	1053	17.1	35	1053	775	1104.73	11919
	Jun 2008	650	12	58	1006	16.9	34	1006	748	1100.22	11510
	Jul 2008	850	50	71	936	15.2	33	936	740	1098.75	11379
	Aug 2008	900	96	76	811	13.2	30	811	744	1099.58	11453
	Sep 2008	630	100	62	706	11.9	33	706	740	1098.83	11387
	WY 2008	8231	849	598	9380		294	9374			
	Oct 2008	600	71	46	470	7.6	31	470	748	1100.15	11504
	Nov 2008	600	61	46	535	9.0	24	535	751	1100.74	11557
	Dec 2008	800	53	40	574	9.3	12	574	765	1103.10	11770
	Jan 2009	800	125	33	677	11.0	13	677	777	1105.17	11959
	Feb 2009	600	110	30	607	10.9	13	607	781	1105.78	12015
	Mar 2009	600	78	34	932	15.2	17	932	762	1102.65	11730
	Apr 2009	600	66	41	1042	17.5	23	1042	736	1098.04	11316
	May 2009	600	64	47	1064	17.3	35	1064	706	1092.88	10863
	Jun 2009	650	12	55	1000	16.8	34	1000	680	1088.21	10463
	Jul 2009	850	50	68	935	15.2	33	935	672	1086.72	10336
	Aug 2009	900	96	72	818	13.3	30	818	676	1087.56	10407
	Sep 2009	630	100	59	713	12.0	33	713	672	1086.73	10337
	WY 2009	8230	886	571	9367		298	9368			
	Oct 2009	600	71	43	479	7.8	31	479	679	1088.04	10448

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Davis Dam - Lake Mohave

	Hoover Release 1000 Ac-Ft	Side inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Spill Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
* Nov 2006	525	5	489	0	489	8.2	635.85	1508
H Dec 2006	621	-7	542	0	542	8.8	638.56	1579
I Jan 2007	639	-20	541	0	541	8.8	641.43	1656
S Feb 2007	647	-16	649	0	649	11.7	640.75	1638
T Mar 2007	970	-28	895	0	895	14.6	642.49	1685
O Apr 2007	1093	-34	1001	0	1001	16.8	644.58	1742
R May 2007	1026	-37	996	0	996	16.2	644.29	1734
I Jun 2007	958	-34	965	0	965	16.2	642.79	1693
C Jul 2007	950	-31	916	0	916	14.9	642.89	1696
A Aug 2007	803	-29	786	0	786	12.8	642.45	1684
L Sep 2007	656	-18	777	0	777	13.0	637.26	1545
WY 2007	9452	-244	9243	0	9243			
* Oct 2007	570	-14	635	0	635	10.3	634.21	1465
Nov 2007	604	-14	544	0	544	9.1	636.00	1512
Dec 2007	486	-18	396	0	396	6.4	638.70	1583
Jan 2008	669	-19	566	0	566	9.2	641.80	1666
Feb 2008	591	-14	577	0	577	10.0	641.80	1666
Mar 2008	911	-24	853	0	853	13.9	643.05	1700
Apr 2008	1037	-27	1010	0	1010	17.0	643.01	1699
May 2008	1053	-32	1021	0	1021	16.6	643.01	1699
Jun 2008	1006	-25	1008	0	1008	16.9	642.00	1671
Jul 2008	936	-24	925	0	925	15.0	641.50	1658
Aug 2008	811	-23	787	0	787	12.8	641.50	1658
Sep 2008	706	-17	782	0	782	13.1	638.00	1564
WY 2008	9380	-251	9104	0	9104			
Oct 2008	470	0	599	0	599	9.7	633.00	1434
Nov 2008	535	-14	495	0	495	8.3	634.00	1460
Dec 2008	574	-18	433	0	433	7.0	638.71	1583
Jan 2009	677	-19	575	0	575	9.3	641.80	1666
Feb 2009	607	-14	593	0	593	10.7	641.80	1666
Mar 2009	932	-24	874	0	874	14.2	643.05	1700
Apr 2009	1042	-27	1016	0	1016	17.1	643.01	1699
May 2009	1064	-32	1032	0	1032	16.8	643.01	1699
Jun 2009	1000	-25	1001	0	1001	16.8	642.00	1671
Jul 2009	935	-24	923	0	923	15.0	641.50	1658
Aug 2009	818	-23	794	0	794	12.9	641.50	1658
Sep 2009	713	-17	789	0	789	13.3	638.00	1564
WY 2009	9367	-237	9124	0	9124			
Oct 2009	479	0	609	0	609	9.9	633.00	1434

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Parker Dam - Lake Havasu

		Davis Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	MWD Diversion 1000 Ac-Ft	CAP diversion 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft	Flow_to Mexico 1000 Ac-Ft	Flow_to Mexico 1000 CFS
*	Nov 2006	489	-4	362	6.1	14	119	447.24	566	100	1.7
H	Dec 2006	542	-10	334	5.4	25	154	448.23	584	122	2.0
I	Jan 2007	541	0	366	5.9	50	134	447.71	575	123	2.0
S	Feb 2007	649	-19	472	8.5	59	131	445.97	542	149	2.7
T	Mar 2007	895	0	684	11.1	20	171	447.06	562	203	3.3
O	Apr 2007	1001	-4	751	12.6	76	161	447.53	571	198	3.3
R	May 2007	996	-11	721	11.7	86	159	448.56	591	109	1.8
I	Jun 2007	965	-20	721	12.1	83	145	448.30	586	118	2.0
C	Jul 2007	916	-1	749	12.2	64	100	448.35	587	124	2.0
A	Aug 2007	786	-12	634	10.3	98	42	448.28	585	97	1.6
L	Sep 2007	777	-6	555	9.3	91	134	447.77	576	92	1.5
	WY 2007	9243	-88	6805		690	1631			1515	
*	Oct 2007	635	2	455	7.4	27	164	447.28	566	80	1.3
	Nov 2007	544	10	376	6.3	29	145	447.50	570	101	1.7
	Dec 2007	396	8	303	4.9	30	90	446.50	552	122	2.0
	Jan 2008	566	21	350	5.7	57	180	446.50	552	122	2.0
	Feb 2008	577	33	388	6.8	67	155	446.50	552	149	2.6
	Mar 2008	853	29	704	11.5	22	152	446.70	555	202	3.3
	Apr 2008	1010	-4	765	12.9	47	155	448.71	594	195	3.3
	May 2008	1021	-13	747	12.1	85	176	448.71	594	109	1.8
	Jun 2008	1008	-23	751	12.6	93	141	448.71	594	120	2.0
	Jul 2008	925	-19	754	12.3	96	69	448.00	580	124	2.0
	Aug 2008	787	-12	620	10.1	96	68	447.50	570	93	1.5
	Sep 2008	782	-12	554	9.3	93	135	446.81	557	89	1.5
	WY 2008	9104	20	6767		742	1630			1506	
	Oct 2008	599	4	469	7.6	34	110	446.31	548	75	1.2
	Nov 2008	495	10	376	6.3	16	111	446.50	552	101	1.7
	Dec 2008	433	8	305	5.0	13	123	446.50	552	122	2.0
	Jan 2009	575	21	350	5.7	67	179	446.50	552	122	2.0
	Feb 2009	593	32	386	7.0	79	160	446.50	552	149	2.7
	Mar 2009	874	29	699	11.4	26	174	446.70	555	202	3.3
	Apr 2009	1016	-4	758	12.7	55	160	448.71	594	195	3.3
	May 2009	1032	-13	737	12.0	101	180	448.71	594	109	1.8
	Jun 2009	1001	-23	741	12.5	110	127	448.71	594	120	2.0
	Jul 2009	923	-19	744	12.1	114	60	448.00	580	124	2.0
	Aug 2009	794	-12	611	9.9	114	66	447.50	570	93	1.5
	Sep 2009	789	-12	549	9.2	110	131	446.81	557	89	1.5
	WY 2009	9124	21	6725		839	1581			1501	
	Oct 2009	609	4	465	7.6	40	117	446.31	548	75	1.2

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Hoover Dam - Lake Mead

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Hoover Static Head Feet	Hoover Generator Capacity MW	Hoover Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Nov 2006	525	8.8	1126.63	14014	50	0.00	1128.0	210.9	64	401.7
H	Dec 2006	621	10.1	1128.12	14164	150	0.00	1128.0	252.7	64	407.1
I	Jan 2007	639	10.4	1129.55	14309	145	0.00	1233.0	262.8	70	411.6
S	Feb 2007	647	11.6	1129.35	14288	-20	0.00	969.0	267.6	55	413.7
T	Mar 2007	970	15.8	1125.79	13930	-358	0.00	1319.0	406.2	74	418.7
O	Apr 2007	1093	18.4	1120.69	13426	-504	0.00	1275.0	455.6	73	416.9
R	May 2007	1026	16.7	1115.89	12963	-463	0.00	1506.0	417.8	88	407.3
I	Jun 2007	958	16.1	1113.50	12735	-228	0.00	1742.0	384.0	100	400.9
C	Jul 2007	950	15.5	1111.58	12554	-181	0.00	1730.0	377.2	100	397.0
A	Aug 2007	803	13.1	1111.84	12578	24	0.00	1704.0	315.2	100	392.6
L	Sep 2007	656	11.0	1111.06	12505	-73	0.00	1500.0	252.9	88	385.6
	WY 2007	9450							3826.0		
*	Oct 2007	570	9.3	1110.95	12494	-10	0.00	1363.0	219.9	80	385.9
	Nov 2007	604	10.2	1110.84	12484	-10	466.50	1056.5	252.4	62	417.7
	Dec 2007	486	7.9	1113.89	12772	288	466.39	1073.5	201.1	63	414.0
	Jan 2008	669	10.9	1115.94	12968	196	467.04	1089.9	278.2	63	416.0
	Feb 2008	591	10.3	1116.71	13042	73	467.43	1089.9	247.6	63	418.8
	Mar 2008	911	14.8	1113.91	12774	-268	465.23	1211.0	385.1	70	422.7
	Apr 2008	1037	17.4	1109.55	12364	-410	459.41	1482.5	430.6	87	415.4
	May 2008	1053	17.1	1104.73	11919	-445	454.86	1463.3	432.5	87	410.6
	Jun 2008	1006	16.9	1100.22	11510	-409	449.14	1633.0	404.0	100	401.7
	Jul 2008	936	15.2	1098.75	11379	-131	446.66	1633.0	375.4	100	401.1
	Aug 2008	811	13.2	1099.58	11453	74	446.50	1633.0	326.6	100	402.7
	Sep 2008	706	11.9	1098.83	11387	-67	447.69	1633.0	281.2	100	398.4
	WY 2008	9380							3834.7		
	Oct 2008	470	7.6	1100.15	11504	118	452.37	1290.1	187.7	79	399.8
	Nov 2008	535	9.0	1100.74	11557	53	453.98	1437.0	211.9	88	395.8
	Dec 2008	574	9.3	1103.10	11770	213	453.90	1459.0	228.6	88	398.0
	Jan 2009	677	11.0	1105.17	11959	189	455.09	1226.9	274.0	74	404.5
	Feb 2009	607	10.9	1105.78	12015	56	454.00	1442.5	243.3	87	400.6
	Mar 2009	932	15.2	1102.65	11730	-286	454.19	1160.6	386.7	70	415.0
	Apr 2009	1042	17.5	1098.04	11316	-414	448.09	1442.5	423.5	87	406.3
	May 2009	1064	17.3	1092.88	10863	-453	443.25	1442.5	427.1	87	401.4
	Jun 2009	1000	16.8	1088.21	10463	-400	437.30	1658.0	391.1	100	391.3
	Jul 2009	935	15.2	1086.72	10336	-127	434.74	1658.0	365.4	100	390.9
	Aug 2009	818	13.3	1087.56	10407	71	434.58	1658.0	321.5	100	393.1
	Sep 2009	713	12.0	1086.73	10337	-71	435.72	1658.0	277.5	100	389.2
	WY 2009	9368							3738.4		
	Oct 2009	479	7.8	1088.04	10448	111	440.34	1309.8	187.7	79	392.1

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Davis Dam - Lake Mohave

	Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Davis Static Head Feet	Davis Generator Capacity MW	Davis Gross Energy MKWH	Percent Of Units Available	KWH/AF
* Nov 2006	489	8.2	635.85	1508	40	0.00	186.0	57.1	73	116.6
H Dec 2006	542	8.8	638.56	1579	71	0.00	184.0	64.5	72	119.0
I Jan 2007	541	8.8	641.43	1656	77	0.00	184.0	66.9	72	123.7
S Feb 2007	649	11.7	640.75	1638	-18	0.00	204.0	81.2	80	125.2
T Mar 2007	895	14.6	642.49	1685	47	0.00	212.0	112.7	83	126.0
O Apr 2007	1001	16.8	644.58	1742	57	0.00	255.0	125.6	100	125.5
R May 2007	996	16.2	644.29	1734	-8	0.00	255.0	126.4	100	126.9
I Jun 2007	965	16.2	642.79	1693	-41	0.00	255.0	122.2	100	126.6
C Jul 2007	916	14.9	642.89	1696	3	0.00	242.0	114.9	95	125.5
A Aug 2007	786	12.8	642.45	1684	-12	0.00	255.0	99.2	100	126.3
L Sep 2007	777	13.0	637.26	1545	-139	0.00	240.0	95.9	94	123.5
WY 2007	9241							1148.3		
* Oct 2007	635	10.3	634.21	1465	-79	0.00	201.0	76.0	79	119.8
Nov 2007	544	9.1	636.00	1512	46	130.32	170.9	65.3	67	120.2
Dec 2007	396	6.4	638.70	1583	71	132.24	183.6	48.8	72	123.3
Jan 2008	566	9.2	641.80	1666	83	136.05	160.6	70.6	63	124.8
Feb 2008	577	10.0	641.80	1666	0	136.62	191.2	72.6	75	125.9
Mar 2008	853	13.9	643.05	1700	34	136.20	226.9	106.7	89	125.1
Apr 2008	1010	17.0	643.01	1699	-1	136.08	255.0	125.9	100	124.7
May 2008	1021	16.6	643.01	1699	0	136.05	255.0	127.4	100	124.8
Jun 2008	1008	16.9	642.00	1671	-28	135.52	255.0	125.2	100	124.2
Jul 2008	925	15.0	641.50	1658	-14	134.73	255.0	114.8	100	124.1
Aug 2008	787	12.8	641.50	1658	0	134.46	255.0	98.1	100	124.6
Sep 2008	782	13.1	638.00	1564	-94	132.63	255.0	96.2	100	122.9
WY 2008	9102							1127.7		
Oct 2008	599	9.7	633.00	1434	-130	129.72	201.5	72.1	79	120.3
Nov 2008	495	8.3	634.00	1460	26	128.64	170.9	59.0	67	119.1
Dec 2008	433	7.0	638.71	1583	123	131.20	183.6	52.9	72	122.2
Jan 2009	575	9.3	641.80	1666	83	136.05	160.6	71.7	63	124.8
Feb 2009	593	10.7	641.80	1666	0	136.62	191.2	74.5	75	125.6
Mar 2009	874	14.2	643.05	1700	34	136.20	226.9	109.2	89	125.0
Apr 2009	1016	17.1	643.01	1699	-1	136.08	255.0	126.6	100	124.7
May 2009	1032	16.8	643.01	1699	0	136.05	255.0	128.7	100	124.7
Jun 2009	1001	16.8	642.00	1671	-28	135.52	255.0	124.5	100	124.3
Jul 2009	923	15.0	641.50	1658	-14	134.73	255.0	114.6	100	124.1
Aug 2009	794	12.9	641.50	1658	0	134.46	255.0	98.9	100	124.6
Sep 2009	789	13.3	638.00	1564	-94	132.63	255.0	97.0	100	122.9
WY 2009	9125							1129.8		
Oct 2009	609	9.9	633.00	1434	-130	129.72	201.5	73.2	79	120.3

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Parker Dam - Lake Havasu

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Parker Static Head Feet	Parker Generator Capacity MW	Parker Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Nov 2006	363	6.1	447.24	566	-11	0.00	96.0	24.1	80	66.5
H	Dec 2006	334	5.4	448.23	584	19	0.00	107.0	21.8	89	65.2
I	Jan 2007	366	5.9	447.71	575	-10	0.00	97.0	24.7	81	67.6
S	Feb 2007	472	8.5	445.97	542	-32	0.00	108.0	31.4	90	66.6
T	Mar 2007	684	11.1	447.06	562	20	0.00	109.0	45.5	91	66.6
O	Apr 2007	751	12.6	447.53	571	9	0.00	120.0	49.3	100	65.6
R	May 2007	721	11.7	448.56	591	20	0.00	120.0	48.2	100	66.9
I	Jun 2007	721	12.1	448.30	586	-5	0.00	120.0	48.5	100	67.2
C	Jul 2007	749	12.2	448.35	587	1	0.00	120.0	50.1	100	66.9
A	Aug 2007	634	10.3	448.28	585	-1	0.00	120.0	43.0	100	67.8
L	Sep 2007	555	9.3	447.77	576	-10	0.00	95.0	37.8	79	68.3
	WY 2007	6804							455.2		
*	Oct 2007	455	7.4	447.28	566	-9	0.00	90.0	31.5	75	69.3
	Nov 2007	376	6.3	447.50	570	4	76.79	79.2	24.7	66	65.8
	Dec 2007	303	4.9	446.50	552	-19	76.41	79.2	19.5	66	64.4
	Jan 2008	350	5.7	446.50	552	0	75.92	79.2	22.7	66	64.8
	Feb 2008	388	6.8	446.50	552	0	75.32	90.0	25.2	75	64.9
	Mar 2008	704	11.5	446.70	555	4	74.01	120.0	45.7	100	64.9
	Apr 2008	765	12.9	448.71	594	38	75.09	120.0	50.5	100	66.0
	May 2008	747	12.1	448.71	594	0	76.06	120.0	49.7	100	66.6
	Jun 2008	751	12.6	448.71	594	0	76.06	120.0	50.0	100	66.7
	Jul 2008	754	12.3	448.00	580	-14	75.72	120.0	50.0	100	66.4
	Aug 2008	620	10.1	447.50	570	-10	75.13	120.0	40.6	100	65.5
	Sep 2008	554	9.3	446.81	557	-13	75.71	94.8	36.6	79	66.0
	WY 2008	6767							446.9		
	Oct 2008	469	7.6	446.31	548	-9	75.37	90.0	30.6	75	65.3
	Nov 2008	376	6.3	446.50	552	4	75.83	79.2	24.5	66	65.2
	Dec 2008	305	5.0	446.50	552	0	75.92	79.2	19.6	66	64.2
	Jan 2009	350	5.7	446.50	552	0	75.92	79.2	22.7	66	64.8
	Feb 2009	386	7.0	446.50	552	0	75.32	90.0	25.1	75	65.0
	Mar 2009	699	11.4	446.70	555	4	74.01	120.0	45.4	100	64.9
	Apr 2009	758	12.7	448.71	594	38	75.09	120.0	50.0	100	65.9
	May 2009	737	12.0	448.71	594	0	76.06	120.0	49.1	100	66.6
	Jun 2009	741	12.5	448.71	594	0	76.06	120.0	49.4	100	66.7
	Jul 2009	744	12.1	448.00	580	-14	75.72	120.0	49.3	100	66.3
	Aug 2009	611	9.9	447.50	570	-10	75.13	120.0	40.0	100	65.5
	Sep 2009	549	9.2	446.81	557	-13	75.71	94.8	36.2	79	66.0
	WY 2009	6724							441.8		
	Oct 2009	465	7.6	446.31	548	-9	75.37	90.0	30.3	75	65.3

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Upper Basin Power

		Glen Canyon 1000 MWHR	Flam Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Res 1000 MWHR	Font Res 1000 MWHR
*	Nov 2006	254	19	14	18	10	4
H	Dec 2006	338	28	25	31	18	4
I	Jan 2007	336	28	25	31	16	4
S	Feb 2007	251	25	14	18	4	3
T	Mar 2007	249	20	10	12	7	3
	Winter 2007	1635	149	104	129	65	18
O	Apr 2007	250	18	11	17	11	3
R	May 2007	254	52	11	19	15	3
I	Jun 2007	343	26	13	18	15	3
C	Jul 2007	343	21	29	33	19	4
A	Aug 2007	340	20	32	36	20	3
L	Sep 2007	253	19	34	39	20	2
	Summer 2007	1782	156	130	162	100	18
*	Oct 2007	251	19	24	30	17	2
	Nov 2007	237	17	17	20	10	3
	Dec 2007	314	18	20	25	13	3
	Jan 2008	311	18	20	25	13	3
	Feb 2008	232	17	16	21	11	3
	Mar 2008	230	18	16	21	12	3
	Winter 2008	1575	107	112	142	75	17
	Apr 2008	230	17	19	28	16	3
	May 2008	233	48	18	31	20	4
	Jun 2008	259	46	19	30	21	9
	Jul 2008	345	28	34	40	22	10
	Aug 2008	363	28	38	45	23	9
	Sep 2008	254	27	35	42	21	6
	Summer 2008	1684	194	163	216	123	39
	Oct 2008	241	28	24	29	15	6
	Nov 2008	240	27	14	18	10	6
	Dec 2008	320	33	20	25	13	6
	Jan 2009	319	34	21	27	14	5
	Feb 2009	238	30	17	23	12	4
	Mar 2009	237	34	17	23	13	4
	Winter 2009	1595	186	114	145	75	31
	Apr 2009	238	29	20	30	16	5
	May 2009	241	51	19	32	21	7
	Jun 2009	268	86	20	31	22	9
	Jul 2009	357	36	34	41	23	10
	Aug 2009	378	36	38	45	23	10
	Sep 2009	264	35	33	39	20	6
	Summer 2009	1744	273	164	219	126	45
	Oct 2009	250	36	24	29	15	8

BUREAU OF RECLAMATION - CRFS 11/2007 MOST PROB WATER SUPPLY JOB STARTED:Wed NOV 7 11:3:54 2007

model_run_id = 1694

FLOOD CONTROL CRITERIA
BEGINNING OF MONTH CONDITIONS

MON	YEAR	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	LAKE POWELL KAF	UPPER BASIN TOTAL KAF	LAKE MEAD KAF	TOTAL KAF	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	TOT OR MAX ALLOW KAF	LAKE POWELL KAF	LAKE MEAD KAF	TOTAL KAF	BOM SPACE REQD KAF	MEAD SCHED REL KAF	MEAD FC REL KAF	SYS CONT MAF
		* * * * PREDICTED SPACE * * * *							* * * * CREDITABLE SPACE * * * *									
NOV	2007	866	180	187	12511	13744	14886	28630	866	180	187	1233	12511	14886	28630	3810	604	0	31.7
DEC	2007	887	205	198	12679	13970	14896	28865	887	205	198	1291	12679	14896	28865	4580	486	0	31.6
JAN	2008	913	248	216	13064	14441	14608	29049	913	248	216	1377	13064	14608	29049	5350	669	0	31.4
												* * * * EFFECTIVE SPACE * * * *							
JAN	2008	913	248	216	13064	14441	14608	29049	405	248	160	814	13064	14608	28486	5350	669	0	31.4
FEB	2008	939	290	232	13467	14929	14412	29341	430	290	176	896	13467	14412	28775	1500	591	0	31.2
MAR	2008	952	323	232	13674	15180	14338	29518	440	323	175	937	13674	14338	28949	1500	911	0	30.9
APR	2008	925	345	187	13788	15245	14606	29851	409	345	124	878	13788	14606	29272	1500	1037	0	30.7
MAY	2008	869	342	90	13748	15050	15016	30066	346	342	11	699	13748	15016	29464	1500	1053	0	31.5
JUN	2008	807	209	124	12755	13895	15461	29356	276	205	13	493	12755	15461	28710	1500	1006	0	32.7
JUL	2008	638	36	205	11395	12274	15870	28144	92	9	48	149	11395	15870	27414	1500	936	0	32.8
												* * * * CREDITABLE SPACE * * * *							
AUG	2008	563	27	206	11211	12006	16001	28007	563	27	206	796	11211	16001	28007	1500	811	0	32.4
SEP	2008	580	81	217	11536	12414	15927	28341	580	81	217	878	11536	15927	28341	2270	706	0	32.0
OCT	2008	622	153	220	11668	12663	15993	28656	622	153	220	995	11668	15993	28656	3040	470	0	31.8
NOV	2008	647	191	220	11733	12791	15876	28667	647	191	220	1058	11733	15876	28667	3810	535	0	31.8
DEC	2008	674	207	222	11799	12902	15823	28725	674	207	222	1103	11799	15823	28725	4580	574	0	31.8
JAN	2009	730	248	231	12083	13292	15610	28902	730	248	231	1209	12083	15610	28902	5350	677	0	31.6
												* * * * EFFECTIVE SPACE * * * *							
JAN	2009	730	248	231	12083	13292	15610	28902	393	248	209	850	12083	15610	28543	5350	677	0	31.6
FEB	2009	783	296	241	12384	13705	15421	29126	445	296	219	960	12384	15421	28765	1500	607	0	31.5
MAR	2009	823	334	240	12523	13920	15365	29285	483	334	217	1033	12523	15365	28921	1500	932	0	31.2
APR	2009	816	360	195	12551	13922	15650	29572	472	360	165	997	12551	15650	29198	1500	1042	0	31.1
MAY	2009	762	358	102	12406	13628	16064	29692	410	358	53	821	12406	16064	29291	1500	1064	0	32.1
JUN	2009	649	220	109	11260	12238	16517	28755	287	217	25	529	11260	16517	28306	1500	1000	0	33.6
JUL	2009	497	39	184	9592	10312	16917	27229	121	12	48	181	9592	16917	26691	1500	935	0	33.8
												* * * * CREDITABLE SPACE * * * *							
AUG	2009	394	27	192	9292	9904	17044	26948	394	27	192	613	9292	17044	26948	1500	818	0	33.5
SEP	2009	411	79	202	9565	10256	16973	27229	411	79	202	692	9565	16973	27229	2270	713	0	33.1
OCT	2009	461	142	203	9657	10463	17043	27506	461	142	203	806	9657	17043	27506	3040	479	0	33.0

To: All Annual Operating Plan Recipients

From: Lower Colorado Region
Boulder Canyon Operations Office
River Operations Group
Douglas B. Blatchford, P.E.
P.O. Box 61470
Boulder City, NV 89006-1470
Phone: 702-293-8190

This operational study reflects the 2007 Annual Operating Plan (AOP) as signed by the Secretary of the Interior. The Partial Domestic Surplus condition is the criterion governing the operation of Lake Mead for Calendar Year 2007. A copy of the 2007 AOP can be obtained by contacting (702)293-8190 or visiting our website at www.usbr.gov/lc/riverops.html.

In this study, the Calendar Year (CY) 2007 diversion for Metropolitan Water District of Southern California (MWD) is forecasted to be 0.729 million acre-feet (maf). The CY 2007 diversion for the Central Arizona Project (CAP) is forecasted to be 1.585 maf. Consumptive use for Nevada above Hoover is forecasted to be 0.299 maf for CY 2007.

According to Sections 2(B)(1) and (7) of the Interim Surplus Guidelines, the Partial Domestic Surplus Condition is the criterion governing the operation of Lake Mead for calendar year 2007 in accordance with Article III(3)(b) of the Operating Criteria, and Article II(B)(2) of the Consolidated Decree. It should be noted, however, that the projected releases in 2007 currently reflect demands under the Normal Condition for the Metropolitan Water District of Southern California (MWD), the Central Arizona Project (CAP), and the Southern Nevada Water Authority (SNWA), per their request. This does not, however, preclude the MWD, CAP, and SNWA from requesting Partial Domestic Surplus water in calendar year 2007.

Due to declining Lake Mead elevations, Hoover's generator capacity is adjusted based on estimated effective capacity and plant availability. The estimated effective capacity is based on projected Lake Mead elevations. Unit capacity tests will be performed as the lake elevation changes in 2' increments. This study reflects these changes in the projections.

Current runoff projections into Lake Powell are provided by the National Weather Service's Colorado Basin River Forecast Center and are as follows: observed unregulated inflow into Lake Powell for the month of November, 2007 was 0.397 maf or 73% of the 30 year average. The forecast for December, 2007 unregulated inflow into Lake Powell is 0.325 maf or 75% of the 30 year average.

Hoover, Davis, and Parker historical gross energy figures come from PO&M reports provided by the Power and O&M Group, Boulder Canyon Operations, Bureau of Reclamation, Boulder City, Nevada. Questions regarding these historical energy numbers can be directed to Larry Karr at (702) 293-8094.

(Note: Lower Basin previous months' historical SNWP and flow to Mexico values are preliminary estimates.)

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Fontenelle Reservoir

		Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Dec 2006	29	1	57	0	57	6482.67	182
H	Jan 2007	26	1	56	0	56	6477.07	152
I	Feb 2007	26	0	50	0	50	6471.76	127
S	Mar 2007	62	0	56	0	56	6473.15	133
T	Apr 2007	49	1	51	0	51	6472.62	131
O	May 2007	109	1	49	0	49	6483.80	189
R	Jun 2007	89	2	48	0	48	6489.96	228
I	Jul 2007	46	2	50	0	50	6489.09	222
C	Aug 2007	35	2	50	0	50	6486.48	205
A	Sep 2007	25	1	27	16	43	6483.42	186
	WY 2007	577	13	602	16	618		
L	Oct 2007	33	1	37	7	44	6481.38	175
*	Nov 2007	32	1	41	1	42	6479.48	164
	Dec 2007	25	1	43	0	43	6475.78	145
	Jan 2008	25	0	43	0	43	6471.78	127
	Feb 2008	25	0	40	0	40	6468.08	111
	Mar 2008	40	0	43	0	43	6467.23	108
	Apr 2008	69	1	42	0	42	6473.47	134
	May 2008	137	1	52	0	52	6488.46	218
	Jun 2008	240	2	105	39	144	6501.72	312
	Jul 2008	145	3	100	17	117	6504.95	337
	Aug 2008	65	2	92	0	92	6501.17	308
	Sep 2008	38	2	60	5	65	6497.25	279
	WY 2008	874	14	698	69	767		
	Oct 2008	49	1	68	0	68	6494.42	258
	Nov 2008	41	1	65	0	65	6490.76	233
	Dec 2008	32	1	68	0	68	6485.13	197
	Jan 2009	30	1	68	0	68	6478.34	158
	Feb 2009	27	0	61	0	61	6471.06	124
	Mar 2009	51	0	70	0	70	6466.40	104
	Apr 2009	89	1	89	0	89	6466.14	103
	May 2009	176	1	97	11	108	6480.61	170
	Jun 2009	308	2	102	71	173	6500.59	303
	Jul 2009	186	3	101	47	148	6505.16	339
	Aug 2009	83	2	100	0	100	6502.66	319
	Sep 2009	49	2	59	13	72	6499.36	294
	WY 2009	1121	15	948	142	1090		
	Oct 2009	49	1	74	0	74	6495.74	268
	Nov 2009	41	1	71	0	71	6491.27	236

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Flaming Gorge Reservoir

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Yampa Flow 1000 Ac-Ft	Jensen Flow 1000 Ac-Ft
*	Dec 2006	29	58	2	76	0	76	88	6023.99	3123	0	110
H	Jan 2007	33	63	2	75	0	75	87	6023.61	3109	0	592
I	Feb 2007	45	69	2	66	0	66	87	6023.65	3111	0	392
S	Mar 2007	119	113	3	51	0	51	90	6025.19	3167	0	221
T	Apr 2007	73	75	5	50	0	50	90	6025.71	3187	0	263
O	May 2007	164	106	8	138	0	138	89	6024.67	3148	0	525
R	Jun 2007	90	49	10	69	0	69	88	6023.89	3119	0	227
I	Jul 2007	42	45	13	55	0	55	87	6023.31	3098	0	81
C	Aug 2007	32	46	12	51	0	51	86	6022.87	3082	0	66
A	Sep 2007	23	40	10	49	0	49	85	6022.35	3063	0	72
	WY 2007	743	785	78	778	0	778					2763
L	Oct 2007	35	46	7	49	1	50	85	6022.07	3053	0	95
*	Nov 2007	33	42	3	49	0	49	85	6021.81	3044	0	84
	Dec 2007	28	46	2	49	0	49	84	6021.68	3039	0	49
	Jan 2008	25	43	2	49	0	49	84	6021.47	3032	0	49
	Feb 2008	35	50	2	46	0	46	84	6021.53	3034	0	46
	Mar 2008	80	83	3	49	0	49	85	6022.36	3064	0	49
	Apr 2008	110	83	5	48	0	48	86	6023.17	3093	0	48
	May 2008	203	118	7	132	0	132	86	6022.59	3072	0	132
	Jun 2008	309	213	10	126	0	126	88	6024.64	3147	0	126
	Jul 2008	169	141	13	77	0	77	90	6025.97	3196	0	77
	Aug 2008	75	102	12	77	0	77	90	6026.31	3209	0	77
	Sep 2008	45	72	11	74	0	74	90	6025.97	3196	0	74
	WY 2008	1147	1039	77	825	1	826					906
	Oct 2008	59	78	7	77	0	77	90	6025.83	3191	0	77
	Nov 2008	51	76	3	74	0	74	89	6025.78	3189	0	74
	Dec 2008	37	72	2	90	0	90	89	6025.27	3170	0	90
	Jan 2009	41	79	2	92	0	92	88	6024.87	3156	0	92
	Feb 2009	45	79	2	83	0	83	88	6024.71	3150	0	83
	Mar 2009	103	122	3	92	0	92	89	6025.42	3176	0	92
	Apr 2009	142	143	5	81	0	81	91	6026.90	3231	0	81
	May 2009	263	195	8	140	0	140	92	6028.12	3277	0	140
	Jun 2009	400	264	10	234	0	234	93	6028.63	3296	0	234
	Jul 2009	219	181	14	95	0	95	95	6030.45	3366	0	95
	Aug 2009	97	114	13	95	0	95	95	6030.59	3372	0	95
	Sep 2009	58	82	11	92	0	92	95	6030.05	3351	0	92
	WY 2009	1515	1485	80	1245	0	1245					1245
	Oct 2009	59	85	7	95	0	95	94	6029.59	3333	0	95
	Nov 2009	51	82	3	92	0	92	94	6029.24	3320	0	92

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Taylor Park Reservoir

		Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Dec 2006	5	5	9315.38	79
H	Jan 2007	4	5	9315.07	78
I	Feb 2007	3	4	9314.65	78
S	Mar 2007	6	5	9315.67	79
T	Apr 2007	8	5	9317.64	83
O	May 2007	27	11	9325.94	98
R	Jun 2007	27	23	9327.98	102
I	Jul 2007	15	25	9322.65	92
C	Aug 2007	10	18	9318.20	84
A	Sep 2007	8	14	9314.67	78
	WY 2007	129	124		
L	Oct 2007	7	7	9314.68	78
*	Nov 2007	4	4	9314.68	78
	Dec 2007	4	5	9314.33	77
	Jan 2008	4	5	9313.95	76
	Feb 2008	4	5	9313.30	75
	Mar 2008	4	5	9312.87	75
	Apr 2008	8	10	9311.87	73
	May 2008	27	20	9316.14	80
	Jun 2008	43	23	9326.89	100
	Jul 2008	20	22	9326.08	98
	Aug 2008	10	20	9320.81	88
	Sep 2008	7	16	9315.73	79
	WY 2008	142	142		
	Oct 2008	6	12	9312.22	73
	Nov 2008	5	6	9311.53	72
	Dec 2008	4	5	9311.18	72
	Jan 2009	4	5	9310.67	71
	Feb 2009	4	5	9309.98	70
	Mar 2009	4	5	9309.50	69
	Apr 2009	8	10	9308.43	67
	May 2009	27	18	9314.10	77
	Jun 2009	43	20	9326.65	100
	Jul 2009	20	22	9325.83	98
	Aug 2009	10	20	9320.55	88
	Sep 2009	7	14	9316.61	81
	WY 2009	142	142		
	Oct 2009	6	12	9313.14	75
	Nov 2009	5	6	9312.46	74

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Blue Mesa Reservoir

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Dec 2006	35	35	0	93	0	93	7490.78	587
H	Jan 2007	30	31	0	93	0	93	7482.56	525
I	Feb 2007	26	27	0	54	0	54	7478.89	498
S	Mar 2007	55	54	0	38	0	38	7481.01	513
T	Apr 2007	67	64	1	43	0	43	7483.72	533
O	May 2007	189	174	1	41	0	41	7500.42	665
R	Jun 2007	174	169	1	47	0	47	7514.60	786
I	Jul 2007	81	91	2	99	0	99	7513.48	776
C	Aug 2007	75	83	1	109	0	109	7510.40	749
A	Sep 2007	50	56	1	117	0	117	7503.06	687
	WY 2007	894	889	8	860	0	860		
L	Oct 2007	48	48	1	85	0	85	7498.53	649
*	Nov 2007	31	31	0	65	0	65	7494.31	615
	Dec 2007	25	26	0	59	0	59	7490.00	581
	Jan 2008	25	26	0	68	0	68	7484.44	539
	Feb 2008	23	24	0	54	0	54	7480.37	509
	Mar 2008	32	33	0	55	0	55	7477.23	486
	Apr 2008	70	72	1	68	0	68	7477.64	489
	May 2008	202	195	1	61	0	61	7495.12	622
	Jun 2008	259	239	1	63	0	63	7515.70	796
	Jul 2008	116	118	2	110	0	110	7516.40	802
	Aug 2008	59	69	1	122	0	122	7510.28	748
	Sep 2008	34	43	1	114	0	114	7501.81	676
	WY 2008	924	924	8	924	0	924		
	Oct 2008	35	41	1	78	0	78	7497.23	639
	Nov 2008	31	32	0	48	0	48	7495.17	622
	Dec 2008	25	26	0	66	0	66	7490.00	581
	Jan 2009	24	25	0	73	0	73	7483.66	533
	Feb 2009	22	23	0	60	0	60	7478.59	496
	Mar 2009	34	35	0	61	0	61	7474.87	469
	Apr 2009	73	75	1	72	0	72	7475.19	472
	May 2009	212	203	1	64	0	64	7493.58	609
	Jun 2009	271	248	1	66	0	66	7515.04	790
	Jul 2009	121	122	2	108	0	108	7516.40	803
	Aug 2009	62	72	1	122	0	122	7510.58	751
	Sep 2009	36	43	1	106	0	106	7503.12	687
	WY 2009	946	945	8	924	0	924		
	Oct 2009	35	41	1	78	0	78	7498.57	650
	Nov 2009	31	32	0	48	0	48	7496.53	633

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Morrow Point Reservoir

		Unreg Inflow 1000 Ac-Ft	Blue_Mesa Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Evap losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Dec 2006	31	93	-4	89	0	88	0	88	7146.46	106
H	Jan 2007	25	93	-5	88	0	88	0	88	7145.92	106
I	Feb 2007	24	54	-2	51	0	51	0	51	7145.91	106
S	Mar 2007	58	38	3	41	0	34	0	34	7154.36	113
T	Apr 2007	73	43	6	49	0	50	0	50	7153.49	112
O	May 2007	202	41	13	54	0	53	0	53	7154.94	113
R	Jun 2007	179	47	4	51	0	52	0	52	7153.84	112
I	Jul 2007	73	99	-7	92	0	92	0	92	7153.52	112
C	Aug 2007	67	109	-8	101	0	100	0	100	7154.39	113
A	Sep 2007	41	117	-8	109	0	107	0	107	7156.75	114
	WY 2007	883	860	-10	848	0	837	0	837		
L	Oct 2007	43	85	-4	80	0	85	0	85	7150.81	110
*	Nov 2007	28	65	-3	62	0	63	0	63	7149.32	109
	Dec 2007	27	59	2	61	0	58	0	58	7153.73	112
	Jan 2008	27	68	2	70	0	70	0	70	7153.73	112
	Feb 2008	26	54	3	57	0	57	0	57	7153.73	112
	Mar 2008	36	55	4	59	0	59	0	59	7153.73	112
	Apr 2008	80	68	10	78	0	78	0	78	7153.73	112
	May 2008	226	61	24	85	0	85	0	85	7153.73	112
	Jun 2008	279	63	20	83	0	83	0	83	7153.73	112
	Jul 2008	121	110	5	115	0	115	0	115	7153.73	112
	Aug 2008	62	122	3	125	0	125	0	125	7153.73	112
	Sep 2008	37	114	3	117	0	117	0	117	7153.73	112
	WY 2008	992	924	69	992	0	995	0	995		
	Oct 2008	38	78	3	81	0	81	0	81	7153.73	112
	Nov 2008	33	48	2	50	0	50	0	50	7153.73	112
	Dec 2008	27	66	2	68	0	68	0	68	7153.73	112
	Jan 2009	26	73	2	75	0	75	0	75	7153.73	112
	Feb 2009	25	60	3	63	0	63	0	63	7153.73	112
	Mar 2009	38	61	4	65	0	65	0	65	7153.73	112
	Apr 2009	84	72	11	83	0	83	0	83	7153.73	112
	May 2009	237	64	25	89	0	89	0	89	7153.73	112
	Jun 2009	292	66	21	87	0	87	0	87	7153.73	112
	Jul 2009	127	108	7	115	0	115	0	115	7153.73	112
	Aug 2009	65	122	4	126	0	126	0	126	7153.73	112
	Sep 2009	39	106	3	109	0	109	0	109	7153.73	112
	WY 2009	1031	924	87	1011	0	1011	0	1011		
	Oct 2009	38	78	3	81	0	81	0	81	7153.73	112
	Nov 2009	33	48	2	50	0	50	0	50	7153.73	112

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Crystal Reservoir

	unreg Inflow 1000 Ac-Ft	Morrow Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Tunnel Flow 1000 Ac-Ft	Below_tunnel Flow 1000 Ac-Ft
* Dec 2006	35	88	4	93	93	0	93	6738.89	13	0	99
H Jan 2007	29	88	4	92	85	8	93	6737.51	13	1	101
I Feb 2007	27	51	3	55	25	29	54	6739.24	13	2	57
S Mar 2007	67	34	8	43	42	0	42	6739.82	13	1	43
T Apr 2007	84	50	11	61	57	0	57	6751.74	17	31	29
O May 2007	228	53	25	78	78	0	78	6751.27	16	53	29
R Jun 2007	200	52	21	73	74	0	74	6745.12	15	51	28
I Jul 2007	80	92	7	99	98	0	98	6748.50	16	66	37
C Aug 2007	74	100	7	107	108	0	108	6744.63	15	63	51
A Sep 2007	46	107	5	112	112	0	112	6746.25	15	56	62
WY 2007	992	837	107	947	907	37	944			364	633
L Oct 2007	48	85	5	90	90	0	90	6745.51	15	33	54
* Nov 2007	32	63	4	67	66	0	66	6748.78	16	1	70
Dec 2007	31	58	4	62	61	0	61	6753.04	17	0	61
Jan 2008	31	70	4	74	74	0	74	6753.04	17	0	74
Feb 2008	30	57	4	61	61	0	61	6753.04	17	0	61
Mar 2008	44	59	8	67	67	0	67	6753.04	17	5	62
Apr 2008	92	78	12	90	90	0	90	6753.04	17	30	60
May 2008	259	85	33	118	118	0	118	6753.04	17	55	63
Jun 2008	315	83	36	119	119	0	119	6753.04	17	60	59
Jul 2008	137	115	16	131	131	0	131	6753.04	17	65	66
Aug 2008	71	125	9	134	134	0	134	6753.04	17	65	69
Sep 2008	43	117	6	123	123	0	123	6753.04	17	55	68
WY 2008	1133	995	141	1136	1134	0	1134			369	767
Oct 2008	44	81	7	87	87	0	87	6753.04	17	30	57
Nov 2008	38	50	5	55	55	0	55	6753.04	17	0	55
Dec 2008	32	68	5	73	73	0	73	6753.04	17	0	73
Jan 2009	31	75	5	80	80	0	80	6753.04	17	0	80
Feb 2009	29	63	4	67	67	0	67	6753.04	17	0	67
Mar 2009	46	65	7	72	72	0	72	6753.04	17	5	67
Apr 2009	96	83	12	95	95	0	95	6753.04	17	30	65
May 2009	272	89	35	124	124	0	124	6753.04	17	55	69
Jun 2009	330	87	38	125	125	0	125	6753.04	17	60	65
Jul 2009	144	115	17	132	132	0	132	6753.04	17	65	67
Aug 2009	74	126	8	134	134	0	134	6753.04	17	65	69
Sep 2009	45	109	6	115	115	0	115	6753.04	17	55	60
WY 2009	1181	1011	149	1159	1159	0	1159			365	794
Oct 2009	44	81	7	87	87	0	87	6753.04	17	30	57
Nov 2009	38	50	5	55	55	0	55	6753.04	17	0	55

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Vallecito Reservoir

		Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Dec 2006	8	8	7645.38	76
H	Jan 2007	7	6	7645.38	76
I	Feb 2007	5	5	7645.51	76
S	Mar 2007	14	5	7649.56	86
T	Apr 2007	22	5	7656.47	103
O	May 2007	68	45	7664.82	125
R	Jun 2007	67	68	7664.36	124
I	Jul 2007	23	41	7657.48	106
C	Aug 2007	27	34	7654.84	99
A	Sep 2007	18	34	7648.41	83
	WY 2007	328	327		
L	Oct 2007	15	31	7641.28	67
*	Nov 2007	7	4	7642.40	69
	Dec 2007	7	5	7643.27	71
	Jan 2008	5	5	7643.24	71
	Feb 2008	4	5	7642.97	71
	Mar 2008	8	5	7644.12	73
	Apr 2008	22	10	7649.00	85
	May 2008	67	45	7657.70	106
	Jun 2008	75	58	7663.94	123
	Jul 2008	30	43	7658.80	109
	Aug 2008	18	43	7648.54	83
	Sep 2008	16	30	7642.26	69
	WY 2008	274	284		
	Oct 2008	13	15	7641.21	67
	Nov 2008	8	4	7643.09	71
	Dec 2008	6	4	7643.94	73
	Jan 2009	5	4	7644.42	74
	Feb 2009	5	4	7644.65	74
	Mar 2009	8	4	7646.34	78
	Apr 2009	22	10	7651.28	90
	May 2009	69	50	7658.82	109
	Jun 2009	78	63	7664.12	123
	Jul 2009	31	43	7659.31	110
	Aug 2009	19	43	7649.60	86
	Sep 2009	17	30	7643.94	73
	WY 2009	281	274		
	Oct 2009	13	15	7642.91	71
	Nov 2009	8	4	7644.75	75

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Navajo Reservoir

		Mod_Unreg Inflow 1000 Ac-Ft	Azetea Tunnel_Div 1000 Ac-Ft	Reg Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	NIIP Diversion 1000 ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Farm Flow 1000 Ac-Ft
*	Dec 2006	27	0	27	1	1	26	6075.31	1556	50
H	Jan 2007	22	0	21	1	1	29	6074.67	1546	46
I	Feb 2007	31	0	31	1	1	29	6074.65	1546	53
S	Mar 2007	126	13	104	2	5	41	6078.51	1603	76
T	Apr 2007	121	18	87	3	20	44	6079.81	1622	90
O	May 2007	258	34	200	4	25	212	6077.03	1581	257
R	Jun 2007	182	27	154	5	37	73	6079.68	1620	169
I	Jul 2007	33	4	46	5	38	46	6076.77	1577	81
C	Aug 2007	61	7	59	4	33	48	6074.98	1551	82
A	Sep 2007	27	2	41	3	23	56	6072.10	1510	80
	WY 2007	1097	118	973	32	191	660			1159
L	Oct 2007	41	0	57	2	10	46	6072.01	1509	79
*	Nov 2007	19	0	17	1	1	43	6070.07	1482	57
	Dec 2007	25	0	23	1	0	31	6069.46	1473	31
	Jan 2008	18	0	18	1	0	31	6068.48	1460	31
	Feb 2008	27	0	28	1	0	28	6068.40	1459	28
	Mar 2008	84	0	81	2	3	31	6071.67	1504	31
	Apr 2008	166	7	147	3	15	34	6078.30	1600	34
	May 2008	266	46	198	4	27	200	6076.02	1566	200
	Jun 2008	234	37	180	5	41	212	6070.54	1488	212
	Jul 2008	70	3	80	5	44	32	6070.48	1487	32
	Aug 2008	41	3	63	4	37	33	6069.65	1476	33
	Sep 2008	40	2	52	3	21	31	6069.45	1473	31
	WY 2008	1031	98	944	32	199	752			799
	Oct 2008	38	0	40	2	7	31	6069.47	1473	31
	Nov 2008	33	0	29	1	0	30	6069.33	1471	30
	Dec 2008	24	0	22	1	0	31	6068.65	1462	31
	Jan 2009	22	0	21	1	0	31	6067.87	1451	31
	Feb 2009	30	0	30	1	0	28	6067.94	1452	28
	Mar 2009	88	2	82	2	4	31	6071.26	1498	31
	Apr 2009	174	19	142	3	17	30	6077.72	1591	30
	May 2009	279	31	228	4	31	200	6077.25	1584	200
	Jun 2009	246	45	187	5	47	212	6071.89	1507	212
	Jul 2009	74	7	79	5	51	31	6071.34	1499	31
	Aug 2009	43	3	64	4	37	33	6070.61	1489	33
	Sep 2009	42	2	54	3	21	30	6070.55	1488	30
	WY 2009	1093	109	978	32	215	718			718
	Oct 2009	38	0	40	2	7	31	6070.55	1488	31
	Nov 2009	33	0	29	1	0	30	6070.39	1486	30

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Lake Powell

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	PowerPlant Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Bank Storage 1000 Ac-Ft	EOM Storage 1000 Ac-Ft	Lees Ferry 1000 Ac-Ft
*	Dec 2006	406	506	27	801	0	801	3603.39	18485	12076	834
H	Jan 2007	317	421	8	800	0	800	3599.51	18470	11703	833
I	Feb 2007	408	455	9	604	0	604	3597.91	18464	11552	625
S	Mar 2007	797	682	15	602	0	602	3598.81	18444	11637	611
T	Apr 2007	802	701	24	600	0	600	3600.35	18374	11784	607
O	May 2007	1577	1441	29	601	0	601	3609.61	18276	12691	602
R	Jun 2007	1308	1072	47	801	0	801	3611.50	18309	12882	810
I	Jul 2007	365	453	56	804	0	804	3607.35	18318	12465	816
C	Aug 2007	378	437	54	804	0	804	3603.58	18266	12095	815
A	Sep 2007	296	454	49	604	0	604	3601.87	18232	11929	615
	WY 2007	8231	8082	387	8229	0	8229				8431
L	Oct 2007	467	540	34	601	0	601	3600.62	18258	11809	611
*	Nov 2007	397	470	32	603	0	603	3598.63	18281	11620	616
	Dec 2007	325	382	24	800	0	800	3594.25	18248	11210	800
	Jan 2008	325	405	18	800	0	800	3590.08	18218	10827	800
	Feb 2008	375	418	17	600	0	600	3588.03	18203	10643	600
	Mar 2008	555	497	21	600	0	600	3586.75	18194	10529	600
	Apr 2008	841	666	24	600	0	600	3587.20	18197	10569	600
	May 2008	1910	1706	33	600	0	600	3598.02	18276	11562	600
	Jun 2008	2482	2159	40	650	0	650	3611.89	18385	12922	650
	Jul 2008	1189	1100	48	850	0	850	3613.73	18400	13109	850
	Aug 2008	500	597	49	896	0	896	3610.57	18374	12787	896
	Sep 2008	406	529	42	630	0	630	3609.26	18364	12656	630
	WY 2008	9772	9469	382	8230	0	8230				8253
	Oct 2008	506	567	38	600	0	600	3608.60	18359	12590	600
	Nov 2008	523	561	31	600	0	600	3607.95	18353	12525	600
	Dec 2008	418	519	26	800	0	800	3605.07	18331	12241	800
	Jan 2009	384	494	19	800	0	800	3601.97	18307	11939	800
	Feb 2009	395	468	18	600	0	600	3600.53	18295	11800	600
	Mar 2009	628	592	22	600	0	600	3600.23	18293	11772	600
	Apr 2009	952	782	25	600	0	600	3601.75	18305	11917	600
	May 2009	2161	1873	36	600	0	600	3613.28	18396	13063	600
	Jun 2009	2808	2495	44	650	0	650	3628.91	18530	14731	650
	Jul 2009	1345	1224	52	850	0	850	3631.57	18554	15029	850
	Aug 2009	566	655	54	900	0	900	3629.10	18532	14753	900
	Sep 2009	459	574	46	630	0	630	3628.25	18524	14658	630
	WY 2009	11145	10804	411	8230	0	8230				8230
	Oct 2009	506	586	42	600	0	600	3627.78	18520	14606	600
	Nov 2009	523	579	34	600	0	600	3627.31	18516	14554	600

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Hoover Dam - Lake Mead

		Glen Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	SNWP Use 1000 Ac-Ft	Dwnstrm Reqmnts 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
*	Dec 2006	801	39	44	621	10.1	15	617	921	1128.12	14164
H	Jan 2007	800	42	36	639	10.4	13	637	930	1129.55	14309
I	Feb 2007	604	67	33	647	11.6	12	646	929	1129.35	14288
S	Mar 2007	602	45	37	970	15.8	22	969	905	1125.79	13930
T	Apr 2007	600	26	45	1093	18.4	24	1089	873	1120.69	13426
O	May 2007	601	17	51	1026	16.7	34	1024	843	1115.89	12963
R	Jun 2007	801	10	61	958	16.1	35	957	828	1113.50	12735
I	Jul 2007	804	67	76	950	15.5	39	949	816	1111.58	12554
C	Aug 2007	804	138	80	803	13.1	33	801	818	1111.84	12578
A	Sep 2007	604	63	66	656	11.0	24	653	813	1111.06	12505
	WY 2007	8229	678	631	9452		297	9420			
L	Oct 2007	601	32	48	570	9.3	26	564	812	1110.95	12494
*	Nov 2007	603	66	48	576	9.7	18	576	814	1111.22	12520
	Dec 2007	800	53	42	446	7.3	19	446	835	1114.66	12845
	Jan 2008	800	125	34	686	11.2	13	686	847	1116.54	13025
	Feb 2008	600	114	32	619	10.8	13	619	850	1117.03	13073
	Mar 2008	600	78	35	959	15.6	17	959	829	1113.76	12760
	Apr 2008	600	66	43	1077	18.1	23	1077	800	1109.00	12312
	May 2008	600	64	49	1049	17.1	35	1049	772	1104.21	11871
	Jun 2008	650	12	58	1006	16.9	34	1006	745	1099.68	11463
	Jul 2008	850	50	71	932	15.2	33	932	737	1098.26	11335
	Aug 2008	896	96	76	812	13.2	30	812	741	1099.05	11406
	Sep 2008	630	100	62	698	11.7	33	698	737	1098.38	11346
	WY 2008	8230	856	598	9430		294	9423			
	Oct 2008	600	71	45	463	7.5	31	463	746	1099.77	11470
	Nov 2008	600	61	46	531	8.9	24	531	749	1100.40	11527
	Dec 2008	800	53	40	528	8.6	12	528	766	1103.24	11783
	Jan 2009	800	125	33	676	11.0	13	676	778	1105.33	11974
	Feb 2009	600	110	30	607	10.9	13	607	782	1105.95	12030
	Mar 2009	600	78	34	934	15.2	17	934	763	1102.80	11743
	Apr 2009	600	66	41	1052	17.7	23	1052	736	1098.09	11321
	May 2009	600	64	47	1054	17.1	35	1054	707	1093.04	10877
	Jun 2009	650	12	55	929	15.6	34	929	685	1089.16	10543
	Jul 2009	850	50	68	961	15.6	33	961	675	1087.37	10391
	Aug 2009	900	96	72	834	13.6	30	834	679	1088.04	10448
	Sep 2009	630	100	59	713	12.0	33	713	675	1087.20	10377
	WY 2009	8230	886	570	9282		298	9282			
	Oct 2009	600	71	43	455	7.4	31	455	683	1088.77	10510
	Nov 2009	600	61	44	552	9.3	24	552	686	1089.22	10549

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Davis Dam - Lake Mohave

		Hoover Release 1000 Ac-Ft	Side inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Spill Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
*	Dec 2006	621	-7	542	0	542	8.8	638.56	1579
H	Jan 2007	639	-20	541	0	541	8.8	641.43	1656
I	Feb 2007	647	-16	649	0	649	11.7	640.75	1638
S	Mar 2007	970	-28	895	0	895	14.6	642.49	1685
T	Apr 2007	1093	-34	1001	0	1001	16.8	644.58	1742
O	May 2007	1026	-37	996	0	996	16.2	644.29	1734
R	Jun 2007	958	-34	965	0	965	16.2	642.79	1693
I	Jul 2007	950	-31	916	0	916	14.9	642.89	1696
C	Aug 2007	803	-29	786	0	786	12.8	642.45	1684
A	Sep 2007	656	-18	777	0	777	13.0	637.26	1545
	WY 2007	9452	-244	9243	0	9243			
L	Oct 2007	570	-14	635	0	635	10.3	634.21	1465
*	Nov 2007	576	-16	516	0	516	8.7	635.89	1509
	Dec 2007	446	-18	353	0	353	5.7	638.70	1583
	Jan 2008	686	-19	591	0	591	9.6	641.50	1658
	Feb 2008	619	-14	596	0	596	10.4	641.80	1666
	Mar 2008	959	-24	901	0	901	14.6	643.05	1700
	Apr 2008	1077	-27	1050	0	1050	17.6	643.01	1699
	May 2008	1049	-32	1017	0	1017	16.5	643.01	1699
	Jun 2008	1006	-25	1008	0	1008	16.9	642.00	1671
	Jul 2008	932	-24	920	0	920	15.0	641.50	1658
	Aug 2008	812	-23	788	0	788	12.8	641.50	1658
	Sep 2008	698	-17	775	0	775	13.0	638.00	1564
	WY 2008	9430	-253	9150	0	9150			
	Oct 2008	463	0	593	0	593	9.6	633.00	1434
	Nov 2008	531	-14	491	0	491	8.2	634.00	1460
	Dec 2008	528	-18	387	0	387	6.3	638.71	1583
	Jan 2009	676	-19	573	0	573	9.3	641.80	1666
	Feb 2009	607	-14	592	0	592	10.7	641.80	1666
	Mar 2009	934	-24	876	0	876	14.2	643.05	1700
	Apr 2009	1052	-27	1025	0	1025	17.2	643.01	1699
	May 2009	1054	-32	1022	0	1022	16.6	643.01	1699
	Jun 2009	929	-25	931	0	931	15.6	642.00	1671
	Jul 2009	961	-24	950	0	950	15.4	641.50	1658
	Aug 2009	834	-23	810	0	810	13.2	641.50	1658
	Sep 2009	713	-17	790	0	790	13.3	638.00	1564
	WY 2009	9282	-237	9040	0	9040			
	Oct 2009	455	0	585	0	585	9.5	633.00	1434
	Nov 2009	552	-14	512	0	512	8.6	634.00	1460

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Parker Dam - Lake Havasu

		Davis Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	MWD Diversion 1000 Ac-Ft	CAP diversion 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft	Flow_to Mexico 1000 Ac-Ft	Flow_to Mexico 1000 CFS
*	Dec 2006	542	-10	334	5.4	25	154	448.23	584	122	2.0
H	Jan 2007	541	0	366	5.9	50	134	447.71	575	123	2.0
I	Feb 2007	649	-19	472	8.5	59	131	445.97	542	149	2.7
S	Mar 2007	895	0	684	11.1	20	171	447.06	562	203	3.3
T	Apr 2007	1001	-4	751	12.6	76	161	447.53	571	198	3.3
O	May 2007	996	-11	721	11.7	86	159	448.56	591	109	1.8
R	Jun 2007	965	-20	721	12.1	83	145	448.30	586	118	2.0
I	Jul 2007	916	-1	749	12.2	64	100	448.35	587	124	2.0
C	Aug 2007	786	-12	634	10.3	98	42	448.28	585	97	1.6
A	Sep 2007	777	-6	555	9.3	91	134	447.77	576	92	1.5
	WY 2007	9243	-88	6805		690	1631			1515	
L	Oct 2007	635	2	455	7.4	27	164	447.28	566	80	1.3
*	Nov 2007	516	3	336	5.6	29	147	447.65	573	103	1.7
	Dec 2007	353	8	235	3.8	46	103	446.50	552	122	2.0
	Jan 2008	591	21	350	5.7	86	177	446.50	552	122	2.0
	Feb 2008	596	33	388	6.8	80	161	446.50	552	149	2.6
	Mar 2008	901	29	704	11.5	49	173	446.70	555	202	3.3
	Apr 2008	1050	-4	765	12.9	80	162	448.71	594	195	3.3
	May 2008	1017	-13	747	12.1	86	172	448.71	594	109	1.8
	Jun 2008	1008	-23	751	12.6	83	151	448.71	594	120	2.0
	Jul 2008	920	-19	754	12.3	86	75	448.00	580	124	2.0
	Aug 2008	788	-12	620	10.1	86	79	447.50	570	93	1.5
	Sep 2008	775	-12	554	9.3	83	138	446.81	557	89	1.5
	WY 2008	9150	13	6659		821	1702			1508	
	Oct 2008	593	4	469	7.6	29	109	446.31	548	75	1.2
	Nov 2008	491	10	376	6.3	28	94	446.50	552	101	1.7
	Dec 2008	387	8	305	5.0	6	84	446.50	552	122	2.0
	Jan 2009	573	21	350	5.7	67	178	446.50	552	122	2.0
	Feb 2009	592	32	386	7.0	79	159	446.50	552	149	2.7
	Mar 2009	876	29	699	11.4	26	176	446.70	555	202	3.3
	Apr 2009	1025	-4	758	12.7	55	169	448.71	594	195	3.3
	May 2009	1022	-13	737	12.0	101	170	448.71	594	109	1.8
	Jun 2009	931	-23	741	12.5	110	56	448.71	594	120	2.0
	Jul 2009	950	-19	744	12.1	114	87	448.00	580	124	2.0
	Aug 2009	810	-12	611	9.9	114	82	447.50	570	93	1.5
	Sep 2009	790	-12	549	9.2	110	131	446.81	557	89	1.5
	WY 2009	9040	21	6725		839	1495			1501	
	Oct 2009	585	4	465	7.6	40	93	446.31	548	75	1.2
	Nov 2009	512	10	373	6.3	19	127	446.50	552	101	1.7

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Hoover Dam - Lake Mead

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Hoover Static Head Feet	Hoover Generator Capacity MW	Hoover Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Dec 2006	621	10.1	1128.12	14164	150	0.00	1128.0	252.7	64	407.1
H	Jan 2007	639	10.4	1129.55	14309	145	0.00	1233.0	262.8	70	411.6
I	Feb 2007	647	11.6	1129.35	14288	-20	0.00	969.0	267.6	55	413.7
S	Mar 2007	970	15.8	1125.79	13930	-358	0.00	1319.0	406.2	74	418.7
T	Apr 2007	1093	18.4	1120.69	13426	-504	0.00	1275.0	455.6	73	416.9
O	May 2007	1026	16.7	1115.89	12963	-463	0.00	1506.0	417.8	88	407.3
R	Jun 2007	958	16.1	1113.50	12735	-228	0.00	1742.0	384.0	100	400.9
I	Jul 2007	950	15.5	1111.58	12554	-181	0.00	1730.0	377.2	100	397.0
C	Aug 2007	803	13.1	1111.84	12578	24	0.00	1704.0	315.2	100	392.6
A	Sep 2007	656	11.0	1111.06	12505	-73	0.00	1500.0	252.9	88	385.6
	WY 2007	9450							3826.0		
L	Oct 2007	570	9.3	1110.95	12494	-10	0.00	1363.0	219.9	80	385.9
*	Nov 2007	575	9.7	1111.22	12520	25	0.00	1056.0	225.1	62	391.4
	Dec 2007	446	7.3	1114.66	12845	326	467.00	1073.5	182.6	63	409.4
	Jan 2008	686	11.2	1116.54	13025	180	467.82	1089.9	286.9	63	418.3
	Feb 2008	619	10.8	1117.03	13073	47	467.98	1089.9	257.5	63	416.0
	Mar 2008	959	15.6	1113.76	12760	-312	465.32	1211.0	408.4	70	425.9
	Apr 2008	1077	18.1	1109.00	12312	-448	459.06	1482.5	449.4	87	417.4
	May 2008	1049	17.1	1104.21	11871	-441	454.32	1463.3	430.2	87	409.9
	Jun 2008	1006	16.9	1099.68	11463	-409	448.61	1633.0	403.6	100	401.2
	Jul 2008	932	15.2	1098.26	11335	-127	446.15	1633.0	373.1	100	400.5
	Aug 2008	812	13.2	1099.05	11406	70	446.00	1633.0	326.5	100	402.3
	Sep 2008	698	11.7	1098.38	11346	-59	447.20	1633.0	277.5	100	397.4
	WY 2008	9428							3840.6		
	Oct 2008	463	7.5	1099.77	11470	124	451.96	1290.1	184.6	79	398.8
	Nov 2008	531	8.9	1100.40	11527	57	453.62	1437.0	209.6	88	395.0
	Dec 2008	528	8.6	1103.24	11783	256	453.81	1459.0	207.5	88	392.8
	Jan 2009	676	11.0	1105.33	11974	190	455.24	1226.9	273.6	74	404.5
	Feb 2009	607	10.9	1105.95	12030	57	454.16	1442.5	243.0	87	400.6
	Mar 2009	934	15.2	1102.80	11743	-287	453.03	1359.6	383.1	82	410.2
	Apr 2009	1052	17.7	1098.09	11321	-422	447.43	1535.0	425.1	94	404.3
	May 2009	1054	17.1	1093.04	10877	-443	443.36	1420.7	422.6	87	400.9
	Jun 2009	929	15.6	1089.16	10543	-334	437.85	1633.0	366.9	100	395.0
	Jul 2009	961	15.6	1087.37	10391	-152	435.53	1633.0	377.7	100	393.0
	Aug 2009	834	13.6	1088.04	10448	56	435.14	1633.0	328.7	100	394.3
	Sep 2009	713	12.0	1087.20	10377	-71	436.19	1633.0	277.9	100	389.5
	WY 2009	9282							3700.5		
	Oct 2009	455	7.4	1088.77	10510	133	440.93	1290.1	177.5	79	390.0
	Nov 2009	552	9.3	1089.22	10549	39	442.60	1437.0	215.0	88	389.2

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T E M R E S E R V O I R S

Bureau of Reclamation - CRFS 12/2007 Most Prob Water Supply 10-dec-2007 10:20:03
Davis Dam - Lake Mohave

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Davis Static Head Feet	Davis Generator Capacity MW	Davis Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Dec 2006	542	8.8	638.56	1579	71	0.00	184.0	64.5	72	119.0
H	Jan 2007	541	8.8	641.43	1656	77	0.00	184.0	66.9	72	123.7
I	Feb 2007	649	11.7	640.75	1638	-18	0.00	204.0	81.2	80	125.2
S	Mar 2007	895	14.6	642.49	1685	47	0.00	212.0	112.7	83	126.0
T	Apr 2007	1001	16.8	644.58	1742	57	0.00	255.0	125.6	100	125.5
O	May 2007	996	16.2	644.29	1734	-8	0.00	255.0	126.4	100	126.9
R	Jun 2007	965	16.2	642.79	1693	-41	0.00	255.0	122.2	100	126.6
I	Jul 2007	916	14.9	642.89	1696	3	0.00	242.0	114.9	95	125.5
C	Aug 2007	786	12.8	642.45	1684	-12	0.00	255.0	99.2	100	126.3
A	Sep 2007	777	13.0	637.26	1545	-139	0.00	240.0	95.9	94	123.5
	WY 2007	9241							1148.3		
L	Oct 2007	635	10.3	634.21	1465	-79	0.00	201.0	76.0	79	119.8
*	Nov 2007	516	8.7	635.89	1509	43	0.00	171.0	61.8	67	119.8
	Dec 2007	353	5.7	638.70	1583	74	132.19	183.6	43.7	72	123.5
	Jan 2008	591	9.6	641.50	1658	75	135.89	160.6	73.6	63	124.5
	Feb 2008	596	10.4	641.80	1666	8	136.47	191.2	74.9	75	125.6
	Mar 2008	901	14.6	643.05	1700	34	136.20	226.9	112.5	89	124.9
	Apr 2008	1050	17.6	643.01	1699	-1	136.08	255.0	130.7	100	124.5
	May 2008	1017	16.5	643.01	1699	0	136.05	255.0	127.0	100	124.8
	Jun 2008	1008	16.9	642.00	1671	-28	135.52	255.0	125.2	100	124.2
	Jul 2008	920	15.0	641.50	1658	-14	134.73	255.0	114.3	100	124.2
	Aug 2008	788	12.8	641.50	1658	0	134.46	255.0	98.2	100	124.6
	Sep 2008	775	13.0	638.00	1564	-94	132.63	255.0	95.3	100	123.0
	WY 2008	9149							1133.0		
	Oct 2008	593	9.6	633.00	1434	-130	128.36	247.4	71.3	97	120.4
	Nov 2008	491	8.2	634.00	1460	26	126.99	221.9	58.4	87	119.1
	Dec 2008	387	6.3	638.71	1583	123	131.20	183.6	47.4	72	122.5
	Jan 2009	573	9.3	641.80	1666	83	136.05	160.6	71.5	63	124.8
	Feb 2009	592	10.7	641.80	1666	0	136.62	191.2	74.4	75	125.7
	Mar 2009	876	14.2	643.05	1700	34	136.20	226.9	109.4	89	125.0
	Apr 2009	1025	17.2	643.01	1699	-1	136.08	255.0	127.7	100	124.6
	May 2009	1022	16.6	643.01	1699	0	136.05	255.0	127.5	100	124.8
	Jun 2009	931	15.6	642.00	1671	-28	135.52	255.0	116.0	100	124.6
	Jul 2009	950	15.4	641.50	1658	-14	134.73	255.0	117.8	100	124.0
	Aug 2009	810	13.2	641.50	1658	0	134.46	255.0	100.8	100	124.5
	Sep 2009	790	13.3	638.00	1564	-94	132.63	255.0	97.1	100	122.9
	WY 2009	9038							1119.5		
	Oct 2009	585	9.5	633.00	1434	-130	128.15	255.0	70.4	100	120.4
	Nov 2009	512	8.6	634.00	1460	26	126.25	247.4	61.0	97	119.0

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T E M R E S E R V O I R S

Bureau of Reclamation - CRFS 12/2007 Most Prob Water Supply 10-dec-2007 10:20:03
Parker Dam - Lake Havasu

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Parker Static Head Feet	Parker Generator Capacity MW	Parker Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Dec 2006	334	5.4	448.23	584	19	0.00	107.0	21.8	89	65.2
H	Jan 2007	366	5.9	447.71	575	-10	0.00	97.0	24.7	81	67.6
I	Feb 2007	472	8.5	445.97	542	-32	0.00	108.0	31.4	90	66.6
S	Mar 2007	684	11.1	447.06	562	20	0.00	109.0	45.5	91	66.6
T	Apr 2007	751	12.6	447.53	571	9	0.00	120.0	49.3	100	65.6
O	May 2007	721	11.7	448.56	591	20	0.00	120.0	48.2	100	66.9
R	Jun 2007	721	12.1	448.30	586	-5	0.00	120.0	48.5	100	67.2
I	Jul 2007	749	12.2	448.35	587	1	0.00	120.0	50.1	100	66.9
C	Aug 2007	634	10.3	448.28	585	-1	0.00	120.0	43.0	100	67.8
A	Sep 2007	555	9.3	447.77	576	-10	0.00	95.0	37.8	79	68.3
	WY 2007	6804							455.2		
L	Oct 2007	455	7.4	447.28	566	-9	0.00	90.0	31.5	75	69.3
*	Nov 2007	336	5.6	447.65	573	7	0.00	79.0	23.0	66	68.7
	Dec 2007	235	3.8	446.50	552	-22	76.48	79.2	14.8	66	63.0
	Jan 2008	350	5.7	446.50	552	0	75.92	79.2	22.7	66	64.8
	Feb 2008	388	6.8	446.50	552	0	75.32	90.0	25.2	75	64.9
	Mar 2008	704	11.5	446.70	555	4	74.01	120.0	45.7	100	64.9
	Apr 2008	765	12.9	448.71	594	38	75.09	120.0	50.5	100	66.0
	May 2008	747	12.1	448.71	594	0	76.06	120.0	49.7	100	66.6
	Jun 2008	751	12.6	448.71	594	0	76.06	120.0	50.0	100	66.7
	Jul 2008	754	12.3	448.00	580	-14	75.72	120.0	50.0	100	66.4
	Aug 2008	620	10.1	447.50	570	-10	75.13	120.0	40.6	100	65.5
	Sep 2008	554	9.3	446.81	557	-13	74.55	120.0	36.0	100	64.9
	WY 2008	6658							439.8		
	Oct 2008	469	7.6	446.31	548	-9	74.43	109.2	30.2	91	64.4
	Nov 2008	376	6.3	446.50	552	4	74.29	109.2	23.9	91	63.8
	Dec 2008	305	5.0	446.50	552	0	74.38	109.2	19.2	91	62.9
	Jan 2009	350	5.7	446.50	552	0	75.92	79.2	22.7	66	64.8
	Feb 2009	386	7.0	446.50	552	0	75.32	90.0	25.1	75	65.0
	Mar 2009	699	11.4	446.70	555	4	74.01	120.0	45.4	100	64.9
	Apr 2009	758	12.7	448.71	594	38	75.09	120.0	50.0	100	65.9
	May 2009	737	12.0	448.71	594	0	76.06	120.0	49.1	100	66.6
	Jun 2009	741	12.5	448.71	594	0	76.06	120.0	49.4	100	66.7
	Jul 2009	744	12.1	448.00	580	-14	75.72	120.0	49.3	100	66.3
	Aug 2009	611	9.9	447.50	570	-10	75.13	120.0	40.0	100	65.5
	Sep 2009	549	9.2	446.81	557	-13	74.55	120.0	35.6	100	64.9
	WY 2009	6724							439.9		
	Oct 2009	465	7.6	446.31	548	-9	74.43	109.2	29.9	91	64.4
	Nov 2009	373	6.3	446.50	552	4	74.29	109.2	23.8	91	63.8

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T Y M R E S E R V O I R S

Bureau of Reclamation - CRFS 12/2007 Most Prob Water Supply 10-dec-2007 10:20:03
Upper Basin Power

		Glen Canyon 1000 MWHR	Flam Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Res 1000 MWHR	Font Res 1000 MWHR
*	Dec 2006	338	28	25	31	18	4
H	Jan 2007	336	28	25	31	16	4
I	Feb 2007	251	25	14	18	4	3
S	Mar 2007	249	20	10	12	7	3
	Winter 2007	1592	159	96	119	57	17
T	Apr 2007	250	18	11	17	11	3
O	May 2007	254	52	11	19	15	3
R	Jun 2007	343	26	13	18	15	3
I	Jul 2007	343	21	29	33	19	4
C	Aug 2007	340	20	32	36	20	3
A	Sep 2007	253	19	34	39	20	2
	Summer 2007	1782	156	130	162	100	18
L	Oct 2007	251	19	24	30	17	2
*	Nov 2007	252	19	18	22	12	2
	Dec 2007	313	18	18	21	10	3
	Jan 2008	311	18	20	25	13	3
	Feb 2008	232	17	16	21	11	3
	Mar 2008	230	18	16	21	12	3
	Winter 2008	1589	108	111	140	75	16
	Apr 2008	230	17	19	28	16	3
	May 2008	233	48	18	31	20	4
	Jun 2008	259	46	19	30	21	9
	Jul 2008	345	28	35	41	23	10
	Aug 2008	362	28	38	45	23	9
	Sep 2008	254	27	35	42	21	6
	Summer 2008	1682	194	164	217	124	40
	Oct 2008	241	28	24	29	15	6
	Nov 2008	240	27	14	18	10	6
	Dec 2008	320	33	20	25	13	6
	Jan 2009	319	34	21	27	14	5
	Feb 2009	238	30	17	23	12	4
	Mar 2009	237	34	17	23	13	4
	Winter 2009	1595	186	114	145	75	31
	Apr 2009	238	29	20	30	16	5
	May 2009	241	51	19	32	21	7
	Jun 2009	268	86	20	31	22	9
	Jul 2009	357	35	34	41	23	10
	Aug 2009	378	35	38	45	23	10
	Sep 2009	264	34	33	39	20	6
	Summer 2009	1744	270	164	219	126	45
	Oct 2009	250	35	24	29	15	7
	Nov 2009	250	34	14	18	10	6

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model_run_id = 1696

FLOOD CONTROL CRITERIA
BEGINNING OF MONTH CONDITIONS

MON	YEAR	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	LAKE POWELL KAF	UPPER BASIN TOTAL KAF	LAKE MEAD KAF	TOTAL KAF	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	TOT OR MAX ALLOW KAF	LAKE POWELL KAF	LAKE MEAD KAF	TOTAL KAF	BOM SPACE REQD KAF	MEAD SCHED REL KAF	MEAD FC REL KAF	SYS CONT MAF
		* * * * PREDICTED SPACE * * * *							* * * * CREDITABLE SPACE * * * *								
DEC	2007	886	214	214	12700	14014	14860	28875	886	214	214	1314	12700	14860	28875	4580	446	0	31.6
JAN	2008	909	248	223	13110	14490	14535	29025	909	248	223	1380	13110	14535	29025	5350	686	0	31.4
												* * * * EFFECTIVE SPACE * * * *							
JAN	2008	909	248	223	13110	14490	14535	29025	404	248	164	817	13110	14535	28461	5350	686	0	31.4
FEB	2008	935	291	236	13493	14955	14355	29309	429	291	177	896	13493	14355	28744	1500	619	0	31.3
MAR	2008	949	321	237	13677	15184	14307	29491	440	321	177	938	13677	14307	28922	1500	959	0	30.9
APR	2008	922	343	192	13791	15249	14620	29869	409	343	127	879	13791	14620	29290	1500	1077	0	30.7
MAY	2008	866	341	96	13751	15055	15068	30122	346	341	14	700	13751	15068	29519	1500	1049	0	31.4
JUN	2008	803	208	130	12758	13899	15509	29408	276	202	16	494	12758	15509	28760	1500	1006	0	32.6
JUL	2008	635	33	208	11398	12274	15917	28192	92	6	48	147	11398	15917	27462	1500	932	0	32.7
												* * * * CREDITABLE SPACE * * * *							
AUG	2008	560	27	209	11211	12007	16045	28052	560	27	209	796	11211	16045	28052	1500	812	0	32.4
SEP	2008	577	81	220	11533	12411	15974	28386	577	81	220	879	11533	15974	28386	2270	698	0	32.0
OCT	2008	619	153	223	11664	12660	16034	28694	619	153	223	995	11664	16034	28694	3040	463	0	31.8
NOV	2008	645	191	223	11730	12788	15910	28698	645	191	223	1058	11730	15910	28698	3810	531	0	31.8
DEC	2008	672	207	225	11795	12899	15853	28752	672	207	225	1104	11795	15853	28752	4580	528	0	31.8
JAN	2009	727	248	234	12079	13289	15597	28885	727	248	234	1209	12079	15597	28885	5350	676	0	31.6
												* * * * EFFECTIVE SPACE * * * *							
JAN	2009	727	248	234	12079	13289	15597	28885	396	248	207	851	12079	15597	28527	5350	676	0	31.6
FEB	2009	780	296	245	12381	13702	15406	29109	448	296	217	961	12381	15406	28748	1500	607	0	31.5
MAR	2009	820	334	244	12520	13918	15350	29267	486	334	215	1034	12520	15350	28904	1500	934	0	31.2
APR	2009	814	360	198	12548	13919	15637	29556	475	360	163	998	12548	15637	29183	1500	1052	0	31.1
MAY	2009	759	358	105	12403	13625	16059	29684	413	358	51	822	12403	16059	29284	1500	1054	0	32.1
JUN	2009	647	220	112	11257	12235	16503	28738	290	217	23	530	11257	16503	28290	1500	929	0	33.7
JUL	2009	494	39	189	9589	10311	16837	27148	124	12	48	184	9589	16837	26610	1500	961	0	33.9
												* * * * CREDITABLE SPACE * * * *							
AUG	2009	388	27	197	9291	9903	16989	26892	388	27	197	612	9291	16989	26892	1500	834	0	33.6
SEP	2009	403	79	207	9567	10255	16932	27187	403	79	207	688	9567	16932	27187	2270	713	0	33.2
OCT	2009	449	142	208	9662	10461	17003	27464	449	142	208	799	9662	17003	27464	3040	455	0	33.0
NOV	2009	493	180	208	9714	10594	16870	27464	493	180	208	880	9714	16870	27464	3810	552	0	33.0

To: All Annual Operating Plan Recipients

From: Lower Colorado Region
Boulder Canyon Operations Office
River Operations Group
Douglas B. Blatchford, P.E.
P.O. Box 61470
Boulder City, NV 89006-1470
Phone: 702-293-8190

The operation of Lake Powell and Lake Mead in this 24 Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines). The Interim Guidelines are available for download at:
http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf

The Interim Guidelines contain provisions for specific April adjustments of the release from Lake Powell and the operation reflected in this 24 Month Study is consistent with such adjustments. It should be noted that such adjustments, as well as the coordinated operations in general, are sensitive to current inflow projections and may therefore change from month to month as new inflow projections are incorporated.

In this study, the Calendar Year (CY) 2008 diversion for Metropolitan Water District of Southern California (MWD) is forecasted to be 0.778 million acre-feet (maf). The CY 2008 diversion for the Central Arizona Project (CAP) is forecasted to be 1.569 maf. Consumptive use for Nevada above Hoover is forecasted to be 0.298 maf for CY 2008.

Due to declining Lake Mead elevations, Hoover's generator capacity is adjusted based on estimated effective capacity and plant availability. The estimated effective capacity is based on projected Lake Mead elevations. Unit capacity tests will be performed as the lake elevation changes in 2' increments. This study reflects these changes in the projections.

Current runoff projections into Lake Powell are provided by the National Weather Service's Colorado Basin River Forecast Center and are as follows: observed unregulated inflow into Lake Powell for the month of December, 2007 was 0.398 maf or 92% of the 30 year average. The forecast for January, 2008 unregulated inflow into Lake Powell is 0.375 maf or 93% of the 30 year average. The forecast for the April through July unregulated inflow period is projected to be 8.0 maf or 101% of average.

Hoover, Davis, and Parker historical gross energy figures come from PO&M reports provided by the Power and O&M Group, Boulder Canyon Operations, Bureau of Reclamation, Boulder City, Nevada. Questions regarding these historical energy numbers can be directed to Larry Karr at (702) 293-8094.

(Note: Lower Basin previous months' historical SNWP and flow to Mexico values are preliminary estimates.)

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T E M R E S E R V O I R S

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Fontenelle Reservoir

	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
* Jan 2007	26	1	56	0	56	6477.07	152
H Feb 2007	26	0	50	0	50	6471.76	127
I Mar 2007	62	0	56	0	56	6473.15	133
S Apr 2007	49	1	51	0	51	6472.62	131
T May 2007	109	1	49	0	49	6483.80	189
O Jun 2007	89	2	48	0	48	6489.96	228
R Jul 2007	46	2	50	0	50	6489.09	222
I Aug 2007	35	2	50	0	50	6486.48	205
C Sep 2007	25	1	27	16	43	6483.42	186
WY 2007	577	13	602	16	618		
A Oct 2007	33	1	37	7	44	6481.38	175
L Nov 2007	32	1	41	1	42	6479.48	164
* Dec 2007	27	1	43	1	44	6476.19	147
Jan 2008	23	0	43	0	43	6471.76	127
Feb 2008	25	0	40	0	40	6468.05	111
Mar 2008	45	0	43	0	43	6468.43	113
Apr 2008	81	1	71	0	71	6470.79	123
May 2008	161	1	81	0	81	6485.90	202
Jun 2008	282	2	104	69	173	6501.27	309
Jul 2008	170	3	100	37	137	6505.22	339
Aug 2008	78	2	92	0	92	6503.14	323
Sep 2008	47	2	59	9	68	6500.15	300
WY 2008	1004	14	754	124	878		
Oct 2008	49	1	71	0	71	6496.98	277
Nov 2008	41	1	68	0	68	6492.99	248
Dec 2008	32	1	71	0	71	6487.05	209
Jan 2009	30	1	71	0	71	6480.08	167
Feb 2009	27	0	64	0	64	6472.49	130
Mar 2009	51	0	73	0	73	6467.29	108
Apr 2009	89	1	89	0	89	6467.03	107
May 2009	176	1	98	10	108	6481.24	174
Jun 2009	308	2	103	70	173	6501.05	307
Jul 2009	186	3	100	48	148	6505.60	342
Aug 2009	83	2	99	1	100	6503.10	323
Sep 2009	49	2	59	13	72	6499.83	298
WY 2009	1121	15	966	142	1108		
Oct 2009	49	1	74	0	74	6496.22	271
Nov 2009	41	1	71	0	71	6491.77	240
Dec 2009	32	1	74	0	74	6485.25	197

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Flaming Gorge Reservoir

	Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Yampa Flow 1000 Ac-Ft	Jensen Flow 1000 Ac-Ft
* Jan 2007	33	63	2	75	0	75	87	6023.61	3109	0	592
H Feb 2007	45	69	2	66	0	66	87	6023.65	3111	0	392
I Mar 2007	119	113	3	51	0	51	90	6025.19	3167	0	221
S Apr 2007	73	75	5	50	0	50	90	6025.71	3187	0	263
T May 2007	164	106	8	138	0	138	89	6024.67	3148	0	525
O Jun 2007	90	49	10	69	0	69	88	6023.89	3119	0	227
R Jul 2007	42	45	13	55	0	55	87	6023.31	3098	0	81
I Aug 2007	32	46	12	51	0	51	86	6022.87	3082	0	66
C Sep 2007	23	40	10	49	0	49	85	6022.35	3063	0	72
WY 2007	743	785	78	778	0	778					2763
A Oct 2007	35	46	7	49	1	50	85	6022.07	3053	0	95
L Nov 2007	33	42	3	49	0	49	85	6021.81	3044	0	83
* Dec 2007	21	37	2	41	9	50	84	6021.40	3029	0	83
Jan 2008	29	49	2	49	0	49	84	6021.35	3027	0	49
Feb 2008	35	50	2	46	0	46	84	6021.41	3030	0	46
Mar 2008	85	83	3	49	0	49	85	6022.24	3060	0	49
Apr 2008	121	111	5	48	0	48	87	6023.80	3116	0	48
May 2008	225	144	7	132	0	132	87	6023.93	3121	0	132
Jun 2008	341	232	10	126	0	126	90	6026.45	3214	0	126
Jul 2008	187	154	13	77	0	77	92	6028.08	3276	0	77
Aug 2008	87	101	13	77	0	77	93	6028.39	3287	0	77
Sep 2008	56	77	11	74	0	74	92	6028.16	3279	0	74
WY 2008	1255	1126	78	817	10	827					939
Oct 2008	59	81	7	77	0	77	92	6028.10	3276	0	77
Nov 2008	51	79	3	74	0	74	92	6028.12	3277	0	74
Dec 2008	37	76	2	90	0	90	92	6027.70	3261	0	90
Jan 2009	41	82	2	92	0	92	91	6027.39	3250	0	92
Feb 2009	45	82	2	83	0	83	91	6027.31	3246	0	83
Mar 2009	103	125	3	92	0	92	92	6028.07	3275	0	92
Apr 2009	142	143	5	81	0	81	94	6029.51	3330	0	81
May 2009	263	195	8	140	0	140	95	6030.69	3376	0	140
Jun 2009	400	264	11	234	0	234	96	6031.19	3395	0	234
Jul 2009	219	181	14	95	0	95	98	6032.96	3465	0	95
Aug 2009	97	114	13	95	0	95	99	6033.10	3470	0	95
Sep 2009	58	82	12	92	0	92	98	6032.56	3449	0	92
WY 2009	1515	1504	82	1245	0	1245					1245
Oct 2009	59	85	8	95	0	95	97	6032.11	3431	0	95
Nov 2009	51	82	4	92	0	92	97	6031.76	3417	0	92
Dec 2009	37	79	2	95	0	95	96	6031.30	3400	0	95

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Taylor Park Reservoir

		Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Jan 2007	4	5	9315.07	78
H	Feb 2007	3	4	9314.65	78
I	Mar 2007	6	5	9315.67	79
S	Apr 2007	8	5	9317.64	83
T	May 2007	27	11	9325.94	98
O	Jun 2007	27	23	9327.98	102
R	Jul 2007	15	25	9322.65	92
I	Aug 2007	10	18	9318.20	84
C	Sep 2007	8	14	9314.67	78
	WY 2007	129	124		
A	Oct 2007	7	7	9314.68	78
L	Nov 2007	4	4	9314.68	78
*	Dec 2007	5	5	9314.89	78
	Jan 2008	5	5	9314.61	77
	Feb 2008	4	5	9313.97	76
	Mar 2008	4	5	9313.65	76
	Apr 2008	9	14	9310.77	71
	May 2008	30	24	9314.55	77
	Jun 2008	48	24	9327.46	101
	Jul 2008	23	22	9327.83	102
	Aug 2008	11	20	9323.07	93
	Sep 2008	7	16	9318.28	84
	WY 2008	157	151		
	Oct 2008	6	12	9314.88	78
	Nov 2008	5	6	9314.22	77
	Dec 2008	4	5	9313.88	76
	Jan 2009	4	5	9313.40	75
	Feb 2009	4	5	9312.73	74
	Mar 2009	4	5	9312.27	74
	Apr 2009	8	10	9311.25	72
	May 2009	27	18	9316.71	81
	Jun 2009	43	20	9328.89	104
	Jul 2009	20	22	9328.10	102
	Aug 2009	10	20	9322.95	92
	Sep 2009	7	14	9319.13	85
	WY 2009	142	142		
	Oct 2009	6	12	9315.77	79
	Nov 2009	5	6	9315.12	78
	Dec 2009	4	5	9314.78	78

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Blue Mesa Reservoir

	Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir elevation EOM Feet	Live Storage 1000 Ac-Ft
* Jan 2007	30	31	0	93	0	93	7482.56	525
H Feb 2007	26	27	0	54	0	54	7478.89	498
I Mar 2007	55	54	0	38	0	38	7481.01	513
S Apr 2007	67	64	1	43	0	43	7483.72	533
T May 2007	189	174	1	41	0	41	7500.42	665
O Jun 2007	174	169	1	47	0	47	7514.60	786
R Jul 2007	81	91	2	99	0	99	7513.48	776
I Aug 2007	75	83	1	109	0	109	7510.40	749
C Sep 2007	50	56	1	117	0	117	7503.06	687
WY 2007	894	889	8	860	0	860		
A Oct 2007	48	48	1	85	0	85	7498.53	649
L Nov 2007	31	31	0	65	0	65	7494.31	615
* Dec 2007	33	33	0	67	0	67	7489.90	581
Jan 2008	26	27	0	89	0	89	7481.69	518
Feb 2008	23	24	0	79	0	79	7473.95	463
Mar 2008	36	37	0	98	0	98	7464.73	401
Apr 2008	84	89	1	105	0	105	7462.13	385
May 2008	244	238	1	68	0	68	7486.40	554
Jun 2008	312	289	1	66	0	66	7513.31	775
Jul 2008	139	138	2	109	0	109	7516.41	803
Aug 2008	68	77	1	122	0	122	7511.22	756
Sep 2008	38	47	1	114	0	114	7503.25	688
WY 2008	1082	1078	8	1067	0	1067		
Oct 2008	35	41	1	80	0	80	7498.46	649
Nov 2008	31	32	0	58	0	58	7495.17	622
Dec 2008	25	26	0	66	0	66	7490.00	581
Jan 2009	24	25	0	73	0	73	7483.66	533
Feb 2009	22	23	0	60	0	60	7478.60	496
Mar 2009	34	35	0	61	0	61	7474.88	469
Apr 2009	73	75	1	72	0	72	7475.20	472
May 2009	212	203	1	64	0	64	7493.58	610
Jun 2009	271	248	1	66	0	66	7515.04	790
Jul 2009	121	122	2	108	0	108	7516.41	803
Aug 2009	62	72	1	122	0	122	7510.59	751
Sep 2009	36	43	1	106	0	106	7503.12	687
WY 2009	946	945	8	936	0	936		
Oct 2009	35	41	1	82	0	82	7498.08	646
Nov 2009	31	32	0	52	0	52	7495.54	625
Dec 2009	25	26	0	69	0	69	7490.00	581

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Morrow Point Reservoir

	Unreg Inflow 1000 Ac-Ft	Blue_Mesa Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Evap losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
* Jan 2007	25	93	-5	88	0	88	0	88	7145.92	106
H Feb 2007	24	54	-2	51	0	51	0	51	7145.91	106
I Mar 2007	58	38	3	41	0	34	0	34	7154.36	113
S Apr 2007	73	43	6	49	0	50	0	50	7153.49	112
T May 2007	202	41	13	54	0	53	0	53	7154.94	113
O Jun 2007	179	47	4	51	0	52	0	52	7153.84	112
R Jul 2007	73	99	-7	92	0	92	0	92	7153.52	112
I Aug 2007	67	109	-8	101	0	100	0	100	7154.39	113
C Sep 2007	41	117	-8	109	0	107	0	107	7156.75	114
WY 2007	883	860	-10	847	0	837	0	837		
A Oct 2007	43	85	-4	80	0	85	0	85	7150.81	110
L Nov 2007	28	65	-3	62	0	63	0	63	7149.32	109
* Dec 2007	31	67	-2	65	0	62	0	62	7152.91	111
Jan 2008	28	89	2	91	0	90	0	90	7153.73	112
Feb 2008	26	79	3	82	0	82	0	82	7153.73	112
Mar 2008	40	98	4	102	0	102	0	102	7153.73	112
Apr 2008	97	105	12	117	0	117	0	117	7153.73	112
May 2008	272	68	28	96	0	96	0	96	7153.73	112
Jun 2008	335	66	23	89	0	89	0	89	7153.73	112
Jul 2008	146	109	7	116	0	116	0	116	7153.73	112
Aug 2008	72	122	4	126	0	126	0	126	7153.73	112
Sep 2008	41	114	3	117	0	117	0	117	7153.73	112
WY 2008	1159	1067	77	1143	0	1145	0	1145		
Oct 2008	38	80	3	83	0	83	0	83	7153.73	112
Nov 2008	33	58	2	60	0	60	0	60	7153.73	112
Dec 2008	27	66	2	68	0	68	0	68	7153.73	112
Jan 2009	26	73	2	75	0	75	0	75	7153.73	112
Feb 2009	25	60	3	63	0	63	0	63	7153.73	112
Mar 2009	38	61	4	65	0	65	0	65	7153.73	112
Apr 2009	84	72	11	83	0	83	0	83	7153.73	112
May 2009	237	64	25	89	0	89	0	89	7153.73	112
Jun 2009	292	66	21	87	0	87	0	87	7153.73	112
Jul 2009	127	108	7	115	0	115	0	115	7153.73	112
Aug 2009	65	122	4	126	0	126	0	126	7153.73	112
Sep 2009	39	106	3	109	0	109	0	109	7153.73	112
WY 2009	1031	936	87	1023	0	1023	0	1023		
Oct 2009	38	82	3	85	0	85	0	85	7153.73	112
Nov 2009	33	52	2	54	0	54	0	54	7153.73	112
Dec 2009	27	69	2	71	0	71	0	71	7153.73	112

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Crystal Reservoir

	unreg Inflow 1000 Ac-Ft	Morrow Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Tunnel Flow 1000 Ac-Ft	Below_tunnel Flow 1000 Ac-Ft
* Jan 2007	29	88	4	92	85	8	93	6737.51	13	1	101
H Feb 2007	27	51	3	55	25	29	54	6739.24	13	2	57
I Mar 2007	67	34	8	43	42	0	42	6739.82	13	1	43
S Apr 2007	84	50	11	61	57	0	57	6751.74	17	31	29
T May 2007	228	53	25	78	78	0	78	6751.27	16	53	29
O Jun 2007	200	52	21	73	74	0	74	6745.12	15	51	28
R Jul 2007	80	92	7	99	98	0	98	6748.50	16	66	37
I Aug 2007	74	100	7	107	108	0	108	6744.63	15	63	51
C Sep 2007	46	107	5	112	112	0	112	6746.25	15	56	62
WY 2007	992	837	107	946	907	37	944			364	633
A Oct 2007	48	85	5	90	90	0	90	6745.51	15	33	54
L Nov 2007	32	63	4	67	66	0	66	6748.78	16	1	70
* Dec 2007	35	62	5	67	68	0	68	6742.95	14	1	73
Jan 2008	33	90	5	95	92	0	92	6753.04	17	0	92
Feb 2008	30	82	4	86	86	0	86	6753.04	17	0	86
Mar 2008	47	102	7	109	109	0	109	6753.04	17	5	104
Apr 2008	110	117	13	130	130	0	130	6753.04	17	30	100
May 2008	310	96	38	134	134	0	134	6753.04	17	55	79
Jun 2008	376	89	41	130	130	0	130	6753.04	17	60	70
Jul 2008	164	116	18	134	134	0	134	6753.04	17	65	69
Aug 2008	80	126	9	135	134	1	135	6753.04	17	65	70
Sep 2008	47	117	7	123	123	0	123	6753.04	17	55	68
WY 2008	1312	1145	156	1300	1296	1	1297			370	935
Oct 2008	44	83	7	89	89	0	89	6753.04	17	30	59
Nov 2008	38	60	5	65	65	0	65	6753.04	17	0	65
Dec 2008	32	68	5	73	73	0	73	6753.04	17	0	73
Jan 2009	31	75	5	80	80	0	80	6753.04	17	0	80
Feb 2009	29	63	4	67	67	0	67	6753.04	17	0	67
Mar 2009	46	65	7	72	72	0	72	6753.04	17	5	67
Apr 2009	96	83	12	95	95	0	95	6753.04	17	30	65
May 2009	272	89	35	124	124	0	124	6753.04	17	55	69
Jun 2009	330	87	38	125	125	0	125	6753.04	17	60	65
Jul 2009	144	115	17	132	132	0	132	6753.04	17	65	67
Aug 2009	74	126	8	134	134	0	134	6753.04	17	65	69
Sep 2009	45	109	6	115	115	0	115	6753.04	17	55	60
WY 2009	1181	1023	149	1171	1171	0	1171			365	806
Oct 2009	44	85	7	91	91	0	91	6753.04	17	30	61
Nov 2009	38	54	5	59	59	0	59	6753.04	17	0	59
Dec 2009	32	71	5	76	76	0	76	6753.04	17	0	76

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Vallecito Reservoir

		Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Jan 2007	7	6	7645.38	76
H	Feb 2007	5	5	7645.51	76
I	Mar 2007	14	5	7649.56	86
S	Apr 2007	22	5	7656.47	103
T	May 2007	68	45	7664.82	125
O	Jun 2007	67	68	7664.36	124
R	Jul 2007	23	41	7657.48	106
I	Aug 2007	27	34	7654.84	99
C	Sep 2007	18	34	7648.41	83
	WY 2007	328	327		
A	Oct 2007	15	31	7641.28	67
L	Nov 2007	7	4	7642.40	69
*	Dec 2007	8	3	7644.42	74
	Jan 2008	5	5	7644.39	74
	Feb 2008	5	5	7644.48	74
	Mar 2008	8	5	7645.71	77
	Apr 2008	26	15	7650.21	87
	May 2008	82	60	7658.67	109
	Jun 2008	91	77	7664.02	123
	Jul 2008	36	43	7661.28	115
	Aug 2008	21	43	7652.65	93
	Sep 2008	18	30	7647.60	81
	WY 2008	322	321		
	Oct 2008	13	28	7640.79	66
	Nov 2008	8	3	7643.14	71
	Dec 2008	6	6	7643.31	71
	Jan 2009	5	5	7643.35	72
	Feb 2009	5	5	7643.36	72
	Mar 2009	8	5	7644.64	74
	Apr 2009	22	10	7649.67	86
	May 2009	69	38	7661.91	117
	Jun 2009	78	73	7663.61	122
	Jul 2009	31	43	7658.78	109
	Aug 2009	19	40	7650.27	88
	Sep 2009	17	30	7644.65	74
	WY 2009	281	286		
	Oct 2009	13	15	7643.64	72
	Nov 2009	8	4	7645.45	76
	Dec 2009	6	4	7646.28	78

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Navajo Reservoir

		Mod_Unreg Inflow 1000 Ac-Ft	Azetea Tunnel_Div 1000 Ac-Ft	Reg Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	NIIP Diversion 1000 ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Farm Flow 1000 Ac-Ft
*	Jan 2007	22	0	21	1	1	29	6074.67	1546	46
H	Feb 2007	31	0	31	1	1	29	6074.65	1546	53
I	Mar 2007	126	13	104	2	5	41	6078.51	1603	76
S	Apr 2007	121	18	87	3	20	44	6079.81	1622	90
T	May 2007	258	34	200	4	25	212	6077.03	1581	257
O	Jun 2007	182	27	154	5	37	73	6079.68	1620	169
R	Jul 2007	33	4	46	5	38	46	6076.77	1577	81
I	Aug 2007	61	7	59	4	33	48	6074.98	1551	82
C	Sep 2007	27	2	41	3	23	56	6072.10	1510	80
	WY 2007	1097	118	973	32	191	660			1159
A	Oct 2007	41	0	57	2	10	46	6072.01	1509	79
L	Nov 2007	19	0	17	1	1	43	6070.07	1482	57
*	Dec 2007	46	0	40	1	0	42	6069.89	1479	70
	Jan 2008	20	0	20	1	0	46	6067.94	1452	46
	Feb 2008	33	0	33	1	0	42	6067.21	1442	42
	Mar 2008	115	0	112	2	3	46	6071.61	1503	46
	Apr 2008	231	10	211	3	15	97	6078.24	1599	97
	May 2008	372	42	308	4	28	206	6082.85	1668	206
	Jun 2008	328	54	260	5	42	298	6077.20	1583	298
	Jul 2008	99	33	72	5	45	127	6069.81	1478	127
	Aug 2008	53	5	70	4	38	31	6069.62	1475	31
	Sep 2008	47	1	58	3	22	30	6069.89	1479	30
	WY 2008	1404	145	1258	32	204	1054			1129
	Oct 2008	38	0	53	2	7	31	6070.83	1492	31
	Nov 2008	33	1	27	1	0	30	6070.53	1488	30
	Dec 2008	24	0	23	1	0	31	6069.94	1480	31
	Jan 2009	22	0	22	1	0	31	6069.24	1470	31
	Feb 2009	30	0	30	1	0	28	6069.35	1472	28
	Mar 2009	88	4	81	2	4	31	6072.55	1516	31
	Apr 2009	174	13	149	3	17	34	6079.11	1611	34
	May 2009	279	0	247	4	31	200	6079.87	1623	200
	Jun 2009	246	40	201	5	47	212	6075.62	1560	212
	Jul 2009	74	13	73	5	51	31	6074.72	1547	31
	Aug 2009	43	13	51	4	42	31	6072.89	1521	31
	Sep 2009	42	4	51	3	24	30	6072.46	1515	30
	WY 2009	1093	88	1008	32	223	720			720
	Oct 2009	38	0	40	2	7	31	6072.46	1515	31
	Nov 2009	33	0	29	1	0	30	6072.30	1513	30
	Dec 2009	24	0	22	1	0	31	6071.62	1503	31

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Lake Powell

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	PowerPlant Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Bank Storage 1000 Ac-Ft	EOM Storage 1000 Ac-Ft	Lees Ferry 1000 Ac-Ft
*	Jan 2007	317	421	8	800	0	800	3599.51	18470	11703	822
H	Feb 2007	408	455	9	604	0	604	3597.91	18464	11552	619
I	Mar 2007	797	682	15	602	0	602	3598.81	18444	11637	606
S	Apr 2007	802	701	24	600	0	600	3600.35	18374	11784	604
T	May 2007	1577	1441	29	601	0	601	3609.61	18276	12691	606
O	Jun 2007	1308	1072	47	801	0	801	3611.50	18309	12882	811
R	Jul 2007	365	453	56	804	0	804	3607.35	18318	12465	819
I	Aug 2007	378	437	54	804	0	804	3603.58	18266	12095	818
C	Sep 2007	296	454	49	604	0	604	3601.87	18232	11929	617
	WY 2007	8231	8082	387	8229	0	8229				8394
A	Oct 2007	467	540	34	601	0	601	3600.62	18258	11809	611
L	Nov 2007	397	470	32	603	0	603	3598.63	18281	11620	616
*	Dec 2007	398	455	25	803	0	803	3594.64	18282	11246	815
	Jan 2008	375	481	18	800	0	800	3591.24	18257	10933	800
	Feb 2008	425	501	17	600	0	600	3590.06	18248	10826	600
	Mar 2008	675	636	21	600	0	600	3590.21	18249	10840	600
	Apr 2008	1048	886	24	600	0	600	3592.87	18269	11082	600
	May 2008	2379	2015	34	600	0	600	3606.29	18371	12360	600
	Jun 2008	3092	2695	43	650	0	650	3624.20	18519	14214	650
	Jul 2008	1481	1448	51	850	0	850	3628.81	18560	14720	850
	Aug 2008	604	668	53	893	0	893	3626.48	18539	14463	893
	Sep 2008	475	575	45	630	0	630	3625.63	18532	14369	630
	WY 2008	11816	11370	397	8230	0	8230				8265
	Oct 2008	506	569	41	600	0	600	3625.02	18526	14303	600
	Nov 2008	523	572	34	600	0	600	3624.49	18522	14245	600
	Dec 2008	418	519	28	800	0	800	3621.84	18499	13959	800
	Jan 2009	384	494	21	800	0	800	3618.98	18475	13656	800
	Feb 2009	395	468	20	600	0	600	3617.65	18463	13516	600
	Mar 2009	628	594	24	600	0	600	3617.38	18461	13488	600
	Apr 2009	952	779	28	800	0	800	3616.96	18458	13443	800
	May 2009	2161	1843	38	850	0	850	3625.24	18528	14327	850
	Jun 2009	2808	2490	46	1050	0	1050	3636.71	18632	15617	1050
	Jul 2009	1345	1229	54	1150	0	1150	3636.91	18633	15641	1150
	Aug 2009	566	668	55	1150	0	1150	3632.58	18594	15144	1150
	Sep 2009	459	579	47	830	0	830	3630.13	18572	14868	830
	WY 2009	11145	10804	436	9830	0	9830				9830
	Oct 2009	506	590	42	600	0	600	3629.70	18568	14819	600
	Nov 2009	523	583	35	600	0	600	3629.27	18564	14771	600
	Dec 2009	418	527	29	800	0	800	3626.74	18541	14492	800

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Hoover Dam - Lake Mead

		Glen Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release CFS	SNWP Use 1000 Ac-Ft	Dwnstrm Reqmnts 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
*	Jan 2007	800	42	36	639	10.4	13	637	930	1129.55	14309
H	Feb 2007	604	67	33	647	11.6	12	646	929	1129.35	14288
I	Mar 2007	602	45	37	970	15.8	22	969	905	1125.79	13930
S	Apr 2007	600	26	45	1093	18.4	24	1089	873	1120.69	13426
T	May 2007	601	17	51	1026	16.7	34	1024	843	1115.89	12963
O	Jun 2007	801	10	61	958	16.1	35	957	828	1113.50	12735
R	Jul 2007	804	67	76	950	15.5	39	949	816	1111.58	12554
I	Aug 2007	804	138	80	803	13.1	33	801	818	1111.84	12578
C	Sep 2007	604	63	66	656	11.0	24	653	813	1111.06	12505
	WY 2007	8229	678	631	9452		297	9420			
A	Oct 2007	601	32	48	570	9.3	26	564	812	1110.95	12494
L	Nov 2007	603	67	48	576	9.7	19	574	814	1111.22	12520
*	Dec 2007	803	94	42	477	7.8	17	469	836	1114.81	12860
	Jan 2008	800	126	34	685	11.1	13	685	848	1116.71	13042
	Feb 2008	600	120	32	625	10.9	13	625	851	1117.20	13089
	Mar 2008	600	87	35	953	15.5	17	953	831	1114.08	12790
	Apr 2008	600	74	43	1078	18.1	23	1077	803	1109.39	12349
	May 2008	600	65	49	1051	17.1	35	1051	774	1104.61	11908
	Jun 2008	650	16	58	1008	16.9	34	1008	748	1100.11	11500
	Jul 2008	850	57	71	929	15.1	33	929	740	1098.77	11381
	Aug 2008	893	115	76	811	13.2	30	811	745	1099.73	11466
	Sep 2008	630	79	62	698	11.7	33	698	740	1098.84	11387
	WY 2008	8230	932	598	9461		293	9445			
	Oct 2008	600	68	46	466	7.6	31	466	748	1100.15	11505
	Nov 2008	600	68	46	531	8.9	24	531	752	1100.85	11568
	Dec 2008	800	61	40	527	8.6	12	527	769	1103.79	11833
	Jan 2009	800	126	33	675	11.0	13	675	782	1105.90	12026
	Feb 2009	600	116	30	608	10.9	13	608	786	1106.56	12087
	Mar 2009	600	87	34	933	15.2	17	933	767	1103.51	11807
	Apr 2009	800	74	42	1052	17.7	23	1052	753	1100.99	11579
	May 2009	850	65	47	1056	17.2	35	1056	739	1098.65	11370
	Jun 2009	1050	16	57	931	15.7	34	931	742	1099.11	11411
	Jul 2009	1150	57	72	959	15.6	33	959	750	1100.61	11546
	Aug 2009	1150	115	77	833	13.6	30	833	770	1103.98	11850
	Sep 2009	830	79	64	713	12.0	33	713	776	1105.00	11943
	WY 2009	9830	932	588	9284		298	9284			
	Oct 2009	600	68	47	458	7.5	31	458	784	1106.34	12067
	Nov 2009	600	68	47	553	9.3	24	553	787	1106.79	12108
	Dec 2009	800	61	41	578	9.4	12	578	801	1109.13	12325

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Davis Dam - Lake Mohave

		Hoover Release 1000 Ac-Ft	Side inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Spill Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release CFS	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
*	Jan 2007	639	-20	541	0	541	8.8	641.43	1656
H	Feb 2007	647	-16	649	0	649	11.7	640.75	1638
I	Mar 2007	970	-28	895	0	895	14.6	642.49	1685
S	Apr 2007	1093	-34	1001	0	1001	16.8	644.58	1742
T	May 2007	1026	-37	996	0	996	16.2	644.29	1734
O	Jun 2007	958	-34	965	0	965	16.2	642.79	1693
R	Jul 2007	950	-31	916	0	916	14.9	642.89	1696
I	Aug 2007	803	-29	786	0	786	12.8	642.45	1684
C	Sep 2007	656	-18	777	0	777	13.0	637.26	1545
	WY 2007	9452	-244	9243	0	9243			
A	Oct 2007	570	-14	635	0	635	10.3	634.21	1465
L	Nov 2007	576	-16	516	0	516	8.7	635.89	1509
*	Dec 2007	477	-24	396	0	396	6.4	638.03	1565
	Jan 2008	685	-20	571	0	571	9.3	641.50	1658
	Feb 2008	625	-14	597	0	597	10.4	642.00	1671
	Mar 2008	953	-24	899	0	899	14.6	643.05	1700
	Apr 2008	1078	-29	1049	0	1049	17.6	643.01	1699
	May 2008	1051	-32	1018	0	1018	16.6	643.01	1699
	Jun 2008	1008	-27	1009	0	1009	17.0	642.00	1671
	Jul 2008	929	-24	918	0	918	14.9	641.50	1658
	Aug 2008	811	-24	787	0	787	12.8	641.50	1658
	Sep 2008	698	-17	774	0	774	13.0	638.00	1564
	WY 2008	9461	-265	9169	0	9169			
	Oct 2008	466	-2	594	0	594	9.7	633.00	1434
	Nov 2008	531	-15	490	0	490	8.2	634.00	1460
	Dec 2008	527	-18	385	0	385	6.3	638.71	1583
	Jan 2009	675	-20	572	0	572	9.3	641.80	1666
	Feb 2009	608	-14	593	0	593	10.7	641.80	1666
	Mar 2009	933	-24	874	0	874	14.2	643.05	1700
	Apr 2009	1052	-29	1024	0	1024	17.2	643.01	1699
	May 2009	1056	-32	1023	0	1023	16.6	643.01	1699
	Jun 2009	931	-27	932	0	932	15.7	642.00	1671
	Jul 2009	959	-24	947	0	947	15.4	641.50	1658
	Aug 2009	833	-24	809	0	809	13.2	641.50	1658
	Sep 2009	713	-17	789	0	789	13.3	638.00	1564
	WY 2009	9284	-246	9032	0	9032			
	Oct 2009	458	-2	586	0	586	9.5	633.00	1434
	Nov 2009	553	-15	512	0	512	8.6	634.00	1460
	Dec 2009	578	-18	436	0	436	7.1	638.71	1583

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Parker Dam - Lake Havasu

		Davis Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	MWD Diversion 1000 Ac-Ft	CAP diversion 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft	Flow_to Mexico 1000 Ac-Ft	Flow_to Mexico 1000 CFS
*	Jan 2007	541	0	366	5.9	50	134	447.71	575	123	2.0
H	Feb 2007	649	-19	472	8.5	59	131	445.97	542	149	2.7
I	Mar 2007	895	0	684	11.1	20	171	447.06	562	203	3.3
S	Apr 2007	1001	-4	751	12.6	76	161	447.53	571	198	3.3
T	May 2007	996	-11	721	11.7	86	159	448.56	591	109	1.8
O	Jun 2007	965	-20	721	12.1	83	145	448.30	586	118	2.0
R	Jul 2007	916	-1	749	12.2	64	100	448.35	587	124	2.0
I	Aug 2007	786	-12	634	10.3	98	42	448.28	585	97	1.6
C	Sep 2007	777	-6	555	9.3	91	134	447.77	576	92	1.5
	WY 2007	9243	-88	6805		690	1631			1515	
A	Oct 2007	635	2	455	7.4	27	164	447.28	566	80	1.3
L	Nov 2007	516	3	336	5.6	29	147	447.65	573	104	1.8
*	Dec 2007	396	10	270	4.4	35	118	446.77	557	127	2.1
	Jan 2008	571	23	346	5.6	82	171	446.50	552	122	2.0
	Feb 2008	597	33	388	6.8	80	161	446.50	552	149	2.6
	Mar 2008	899	31	704	11.5	49	173	446.70	555	202	3.3
	Apr 2008	1049	-4	765	12.9	80	162	448.71	594	195	3.3
	May 2008	1018	-14	747	12.1	86	172	448.71	594	109	1.8
	Jun 2008	1009	-24	751	12.6	83	151	448.71	594	120	2.0
	Jul 2008	918	-16	754	12.3	86	75	448.00	580	124	2.0
	Aug 2008	787	-11	620	10.1	86	79	447.50	570	93	1.5
	Sep 2008	774	-11	554	9.3	83	138	446.81	557	89	1.5
	WY 2008	9169	22	6690		806	1711			1514	
	Oct 2008	594	3	469	7.6	29	109	446.31	548	75	1.2
	Nov 2008	490	11	376	6.3	28	94	446.50	552	101	1.7
	Dec 2008	385	10	305	5.0	6	84	446.50	552	122	2.0
	Jan 2009	572	23	350	5.7	67	178	446.50	552	122	2.0
	Feb 2009	593	32	386	7.0	79	159	446.50	552	149	2.7
	Mar 2009	874	31	699	11.4	26	176	446.70	555	202	3.3
	Apr 2009	1024	-4	758	12.7	55	169	448.71	594	195	3.3
	May 2009	1023	-14	737	12.0	101	170	448.71	594	109	1.8
	Jun 2009	932	-24	741	12.5	110	56	448.71	594	120	2.0
	Jul 2009	947	-16	744	12.1	114	87	448.00	580	124	2.0
	Aug 2009	809	-11	611	9.9	114	82	447.50	570	93	1.5
	Sep 2009	789	-11	549	9.2	110	131	446.81	557	89	1.5
	WY 2009	9032	30	6725		839	1495			1501	
	Oct 2009	586	3	465	7.6	40	93	446.31	548	75	1.2
	Nov 2009	512	11	373	6.3	19	127	446.50	552	101	1.7
	Dec 2009	436	10	304	4.9	16	126	446.50	552	122	2.0

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Hoover Dam - Lake Mead

	Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Hoover Static Head Feet	Hoover Generator Capacity MW	Hoover Gross Energy MKWH	Percent Of Units Available	KWH/AF
* Jan 2007	639	10.4	1129.55	14309	145	0.00	1233.0	262.8	70	411.6
H Feb 2007	647	11.6	1129.35	14288	-20	0.00	969.0	267.6	55	413.7
I Mar 2007	970	15.8	1125.79	13930	-358	0.00	1319.0	406.2	74	418.7
S Apr 2007	1093	18.4	1120.69	13426	-504	0.00	1275.0	455.6	73	416.9
T May 2007	1026	16.7	1115.89	12963	-463	0.00	1506.0	417.8	88	407.3
O Jun 2007	958	16.1	1113.50	12735	-228	0.00	1742.0	384.0	100	400.9
R Jul 2007	950	15.5	1111.58	12554	-181	0.00	1730.0	377.2	100	397.0
I Aug 2007	803	13.1	1111.84	12578	24	0.00	1704.0	315.2	100	392.6
C Sep 2007	656	11.0	1111.06	12505	-73	0.00	1500.0	252.9	88	385.6
WY 2007	9450							3826.0		
A Oct 2007	570	9.3	1110.95	12494	-10	0.00	1363.0	219.9	80	385.9
L Nov 2007	575	9.7	1111.22	12520	25	0.00	1056.0	225.1	62	391.4
* Dec 2007	477	7.8	1114.81	12860	340	0.00	1074.0	183.5	63	385.0
Jan 2008	685	11.1	1116.71	13042	182	467.54	1183.3	284.8	69	416.0
Feb 2008	625	10.9	1117.20	13089	47	468.09	1093.1	260.5	63	416.8
Mar 2008	953	15.5	1114.08	12790	-299	464.94	1301.2	403.3	75	423.3
Apr 2008	1078	18.1	1109.39	12349	-441	459.41	1495.5	450.1	87	417.7
May 2008	1051	17.1	1104.61	11908	-441	454.61	1469.6	430.9	88	409.9
Jun 2008	1008	16.9	1100.11	11500	-407	449.02	1655.0	405.1	100	401.7
Jul 2008	929	15.1	1098.77	11381	-119	446.62	1655.0	372.2	100	400.7
Aug 2008	811	13.2	1099.73	11466	85	446.59	1655.0	326.7	100	402.8
Sep 2008	698	11.7	1098.84	11387	-79	447.76	1655.0	277.7	100	397.8
WY 2008	9459							3839.9		
Oct 2008	466	7.6	1100.15	11505	117	452.38	1307.4	186.1	79	399.4
Nov 2008	531	8.9	1100.85	11568	63	454.15	1439.8	210.1	87	395.6
Dec 2008	527	8.6	1103.79	11833	265	454.85	1373.7	207.7	83	394.1
Jan 2009	675	11.0	1105.90	12026	193	455.80	1241.0	273.3	74	404.8
Feb 2009	608	10.9	1106.56	12087	61	454.85	1442.2	243.9	86	401.4
Mar 2009	933	15.2	1103.51	11807	-279	453.58	1373.7	382.9	83	410.3
Apr 2009	1052	17.7	1100.99	11579	-228	449.98	1439.8	429.8	87	408.4
May 2009	1056	17.2	1098.65	11370	-210	446.17	1636.0	422.4	100	400.1
Jun 2009	931	15.7	1099.11	11411	41	445.57	1636.0	374.2	100	401.7
Jul 2009	959	15.6	1100.61	11546	135	447.04	1636.0	386.0	100	402.7
Aug 2009	833	13.6	1103.98	11850	304	449.62	1636.0	338.8	100	406.6
Sep 2009	713	12.0	1105.00	11943	93	452.93	1636.0	287.4	100	403.1
WY 2009	9285							3742.7		
Oct 2009	458	7.5	1106.34	12067	124	458.52	1292.4	184.5	79	402.8
Nov 2009	553	9.3	1106.79	12108	41	460.18	1423.3	222.4	87	402.3
Dec 2009	578	9.4	1109.13	12325	217	460.46	1357.9	233.5	83	403.9

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Davis Dam - Lake Mohave

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Davis Static Head Feet	Davis Generator Capacity MW	Davis Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Jan 2007	541	8.8	641.43	1656	77	0.00	184.0	66.9	72	123.7
H	Feb 2007	649	11.7	640.75	1638	-18	0.00	204.0	81.2	80	125.2
I	Mar 2007	895	14.6	642.49	1685	47	0.00	212.0	112.7	83	126.0
S	Apr 2007	1001	16.8	644.58	1742	57	0.00	255.0	125.6	100	125.5
T	May 2007	996	16.2	644.29	1734	-8	0.00	255.0	126.4	100	126.9
O	Jun 2007	965	16.2	642.79	1693	-41	0.00	255.0	122.2	100	126.6
R	Jul 2007	916	14.9	642.89	1696	3	0.00	242.0	114.9	95	125.5
I	Aug 2007	786	12.8	642.45	1684	-12	0.00	255.0	99.2	100	126.3
C	Sep 2007	777	13.0	637.26	1545	-139	0.00	240.0	95.9	94	123.5
	WY 2007	9241							1148.3		
A	Oct 2007	635	10.3	634.21	1465	-79	0.00	201.0	76.0	79	119.8
L	Nov 2007	516	8.7	635.89	1509	43	0.00	171.0	61.8	67	119.8
*	Dec 2007	396	6.4	638.03	1565	56	0.00	181.0	48.9	71	123.4
	Jan 2008	571	9.3	641.50	1658	93	135.63	158.1	71.1	62	124.3
	Feb 2008	597	10.4	642.00	1671	14	136.57	191.2	75.0	75	125.7
	Mar 2008	899	14.6	643.05	1700	29	136.30	226.9	112.4	89	125.0
	Apr 2008	1049	17.6	643.01	1699	-1	136.08	255.0	130.6	100	124.5
	May 2008	1018	16.6	643.01	1699	0	136.05	255.0	127.1	100	124.8
	Jun 2008	1009	17.0	642.00	1671	-28	135.52	255.0	125.3	100	124.2
	Jul 2008	918	14.9	641.50	1658	-14	134.73	255.0	113.9	100	124.2
	Aug 2008	787	12.8	641.50	1658	0	134.46	255.0	98.0	100	124.6
	Sep 2008	774	13.0	638.00	1564	-94	132.63	255.0	95.2	100	123.0
	WY 2008	9168							1135.3		
	Oct 2008	594	9.7	633.00	1434	-130	128.15	255.0	71.5	100	120.4
	Nov 2008	490	8.2	634.00	1460	26	126.25	247.4	58.4	97	119.1
	Dec 2008	385	6.3	638.71	1583	123	129.99	221.9	47.2	87	122.5
	Jan 2009	572	9.3	641.80	1666	83	136.05	160.6	71.3	63	124.8
	Feb 2009	593	10.7	641.80	1666	0	136.62	191.2	74.5	75	125.6
	Mar 2009	874	14.2	643.05	1700	34	136.20	226.9	109.3	89	125.0
	Apr 2009	1024	17.2	643.01	1699	-1	136.08	255.0	127.6	100	124.6
	May 2009	1023	16.6	643.01	1699	0	136.05	255.0	127.6	100	124.8
	Jun 2009	932	15.7	642.00	1671	-28	135.52	255.0	116.1	100	124.6
	Jul 2009	947	15.4	641.50	1658	-14	134.73	255.0	117.5	100	124.0
	Aug 2009	809	13.2	641.50	1658	0	134.46	255.0	100.7	100	124.5
	Sep 2009	789	13.3	638.00	1564	-94	132.63	255.0	97.0	100	122.9
	WY 2009	9032							1118.7		
	Oct 2009	586	9.5	633.00	1434	-130	128.15	255.0	70.5	100	120.4
	Nov 2009	512	8.6	634.00	1460	26	126.25	247.4	60.9	97	119.0
	Dec 2009	436	7.1	638.71	1583	123	129.99	221.9	53.3	87	122.1

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Parker Dam - Lake Havasu

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Parker Static Head Feet	Parker Generator Capacity MW	Parker Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Jan 2007	366	5.9	447.71	575	-10	0.00	97.0	24.7	81	67.6
H	Feb 2007	472	8.5	445.97	542	-32	0.00	108.0	31.4	90	66.6
I	Mar 2007	684	11.1	447.06	562	20	0.00	109.0	45.5	91	66.6
S	Apr 2007	751	12.6	447.53	571	9	0.00	120.0	49.3	100	65.6
T	May 2007	721	11.7	448.56	591	20	0.00	120.0	48.2	100	66.9
O	Jun 2007	721	12.1	448.30	586	-5	0.00	120.0	48.5	100	67.2
R	Jul 2007	749	12.2	448.35	587	1	0.00	120.0	50.1	100	66.9
I	Aug 2007	634	10.3	448.28	585	-1	0.00	120.0	43.0	100	67.8
C	Sep 2007	555	9.3	447.77	576	-10	0.00	95.0	37.8	79	68.3
	WY 2007	6804							455.2		
A	Oct 2007	455	7.4	447.28	566	-9	0.00	90.0	31.5	75	69.3
L	Nov 2007	336	5.6	447.65	573	7	0.00	79.0	23.0	66	68.7
*	Dec 2007	270	4.4	446.77	557	-16	0.00	79.0	17.9	66	66.5
	Jan 2008	346	5.6	446.50	552	-5	75.71	85.2	22.3	71	64.5
	Feb 2008	388	6.8	446.50	552	0	75.32	90.0	25.2	75	64.9
	Mar 2008	704	11.5	446.70	555	4	74.01	120.0	45.7	100	64.9
	Apr 2008	765	12.9	448.71	594	38	75.09	120.0	50.5	100	66.0
	May 2008	747	12.1	448.71	594	0	76.06	120.0	49.7	100	66.6
	Jun 2008	751	12.6	448.71	594	0	76.06	120.0	50.0	100	66.7
	Jul 2008	754	12.3	448.00	580	-14	75.72	120.0	50.0	100	66.4
	Aug 2008	620	10.1	447.50	570	-10	75.13	120.0	40.6	100	65.5
	Sep 2008	554	9.3	446.81	557	-13	74.55	120.0	36.0	100	64.9
	WY 2008	6690							442.6		
	Oct 2008	469	7.6	446.31	548	-9	74.43	109.2	30.2	91	64.4
	Nov 2008	376	6.3	446.50	552	4	74.29	109.2	23.9	91	63.8
	Dec 2008	305	5.0	446.50	552	0	74.38	109.2	19.2	91	62.9
	Jan 2009	350	5.7	446.50	552	0	75.92	79.2	22.7	66	64.8
	Feb 2009	386	7.0	446.50	552	0	75.32	90.0	25.1	75	65.0
	Mar 2009	699	11.4	446.70	555	4	74.01	120.0	45.4	100	64.9
	Apr 2009	758	12.7	448.71	594	38	75.09	120.0	50.0	100	65.9
	May 2009	737	12.0	448.71	594	0	76.06	120.0	49.1	100	66.6
	Jun 2009	741	12.5	448.71	594	0	76.06	120.0	49.4	100	66.7
	Jul 2009	744	12.1	448.00	580	-14	75.72	120.0	49.3	100	66.3
	Aug 2009	611	9.9	447.50	570	-10	75.13	120.0	40.0	100	65.5
	Sep 2009	549	9.2	446.81	557	-13	74.55	120.0	35.6	100	64.9
	WY 2009	6724							439.9		
	Oct 2009	465	7.6	446.31	548	-9	74.43	109.2	29.9	91	64.4
	Nov 2009	373	6.3	446.50	552	4	74.29	109.2	23.8	91	63.8
	Dec 2009	304	4.9	446.50	552	0	75.92	79.2	19.5	66	64.2

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Upper Basin Power

	Glen Canyon 1000 MWHR	Flam Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Res 1000 MWHR	Font Res 1000 MWHR
* Jan 2007	336	28	25	31	16	4
H Feb 2007	251	25	14	18	4	3
I Mar 2007	249	20	10	12	7	3
Winter 2007	1682	139	109	134	69	22
S Apr 2007	250	18	11	17	11	3
T May 2007	254	52	11	19	15	3
O Jun 2007	343	26	13	18	15	3
R Jul 2007	343	21	29	33	19	4
I Aug 2007	340	20	32	36	20	3
C Sep 2007	253	19	34	39	20	2
Summer 2007	1782	156	130	162	100	18
A Oct 2007	251	19	24	30	17	2
L Nov 2007	252	19	18	22	12	2
* Dec 2007	334	15	19	22	13	3
Jan 2008	312	18	26	32	16	3
Feb 2008	232	17	23	30	15	3
Mar 2008	232	18	27	37	19	3
Winter 2008	1613	106	136	173	92	16
Apr 2008	232	17	29	42	22	5
May 2008	237	48	19	35	23	6
Jun 2008	265	46	20	32	22	9
Jul 2008	354	28	34	42	23	10
Aug 2008	373	28	38	45	23	9
Sep 2008	262	27	35	42	21	6
Summer 2008	1723	195	175	238	136	43
Oct 2008	249	28	24	30	15	6
Nov 2008	249	27	17	22	11	6
Dec 2008	331	33	20	25	13	6
Jan 2009	330	34	21	27	14	6
Feb 2009	246	30	17	23	12	5
Mar 2009	246	34	17	23	13	5
Winter 2009	1651	186	117	149	77	33
Apr 2009	328	30	20	30	16	6
May 2009	350	51	19	32	21	7
Jun 2009	441	86	20	31	22	9
Jul 2009	489	35	34	41	23	10
Aug 2009	487	35	38	45	23	10
Sep 2009	349	34	33	39	20	6
Summer 2009	2444	271	164	219	126	46
Oct 2009	251	35	25	31	16	7
Nov 2009	251	34	16	20	10	6
Dec 2009	334	35	21	26	13	6

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model_run_id = 1699

F L O O D C O N T R O L C R I T E R I A
B E G I N N I N G O F M O N T H C O N D I T I O N S

MON	YEAR	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	LAKE POWELL KAF	UPPER BASIN TOTAL KAF	LAKE MEAD KAF	TOTAL KAF	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	TOT OR MAX ALLOW KAF	LAKE POWELL KAF	LAKE MEAD KAF	TOTAL KAF	BOM SPACE REQD KAF	MEAD SCHED REL KAF	MEAD FC REL KAF	SYS CONT MAF
		* * * * P R E D I C T E D S P A C E * * * *							* * * * C R E D I T A B L E S P A C E * * * *									
JAN	2008	917	249	217	13074	14457	14520	28977	917	249	217	1383	13074	14520	28977	5350	685	0	31.5
									* * * * E F F E C T I V E S P A C E * * * *									
JAN	2008	917	249	217	13074	14457	14520	28977	497	249	153	899	13074	14520	28493	5350	685	0	31.5
FEB	2008	940	311	244	13387	14881	14338	29219	518	311	179	1008	13387	14338	28732	1500	625	0	31.4
MAR	2008	953	367	254	13494	15067	14291	29358	529	367	188	1083	13494	14291	28868	1500	953	0	31.2
APR	2008	922	428	193	13480	15024	14590	29614	493	428	122	1043	13480	14590	29114	1500	1078	0	31.1
MAY	2008	855	445	97	13238	14636	15031	29666	419	445	9	873	13238	15031	29142	1500	1051	0	32.3
JUN	2008	771	276	28	11960	13035	15472	28507	326	276	-93	510	11960	15472	27942	1500	1008	0	34.1
JUL	2008	571	55	113	10106	10845	15880	26724	111	30	-55	86	10106	15880	26071	1500	929	0	34.5
									* * * * C R E D I T A B L E S P A C E * * * *									
AUG	2008	479	27	218	9600	10324	15999	26322	479	27	218	724	9600	15999	26322	1500	811	0	34.2
SEP	2008	484	73	221	9857	10635	15914	26548	484	73	221	777	9857	15914	26548	2270	698	0	33.8
OCT	2008	515	141	217	9951	10824	15993	26817	515	141	217	873	9951	15993	26817	3040	466	0	33.7
NOV	2008	541	181	204	10017	10943	15875	26818	541	181	204	926	10017	15875	26818	3810	531	0	33.7
DEC	2008	568	207	208	10075	11059	15812	26871	568	207	208	984	10075	15812	26871	4580	527	0	33.7
JAN	2009	624	248	216	10361	11449	15547	26996	624	248	216	1088	10361	15547	26996	5350	675	0	33.5
									* * * * E F F E C T I V E S P A C E * * * *									
JAN	2009	624	248	216	10361	11449	15547	26996	396	248	216	861	10361	15547	26769	5350	675	0	33.5
FEB	2009	677	296	226	10664	11864	15354	27218	448	296	226	970	10664	15354	26989	1500	608	0	33.4
MAR	2009	718	334	224	10804	12080	15293	27373	486	334	224	1044	10804	15293	27142	1500	933	0	33.1
APR	2009	711	360	180	10832	12083	15573	27655	475	360	180	1015	10832	15573	27419	1500	1052	0	33.0
MAY	2009	657	358	85	10877	11976	15801	27776	413	358	78	850	10877	15801	27527	1500	1056	0	34.0
JUN	2009	544	220	73	9993	10830	16010	26840	290	217	32	539	9993	16010	26543	1500	931	0	35.6
JUL	2009	392	39	136	8703	9269	15969	25238	124	12	43	179	8703	15969	24850	1500	959	0	35.8
									* * * * C R E D I T A B L E S P A C E * * * *									
AUG	2009	287	27	149	8679	9142	15834	24976	287	27	149	462	8679	15834	24976	1500	833	0	35.5
SEP	2009	301	79	175	9176	9731	15530	25260	301	79	175	554	9176	15530	25260	2270	713	0	35.1
OCT	2009	347	142	181	9452	10123	15437	25560	347	142	181	671	9452	15437	25560	3040	458	0	34.9
NOV	2009	392	184	181	9501	10257	15313	25570	392	184	181	756	9501	15313	25570	3810	553	0	34.9
DEC	2009	436	204	183	9549	10373	15272	25645	436	204	183	824	9549	15272	25645	4580	578	0	34.8

To: All Annual Operating Plan Recipients

From: Lower Colorado Region
Boulder Canyon Operations Office
River Operations Group
Douglas B. Blatchford, P.E.
P.O. Box 61470
Boulder City, NV 89006-1470
Phone: 702-293-8190

The operation of Lake Powell and Lake Mead in this 24 Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines). The Interim Guidelines are available for download at http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf

The Interim Guidelines contain provisions for specific April adjustments of the release from Lake Powell and the operation reflected in this 24 Month Study is consistent with such adjustments. It should be noted that such adjustments, as well as the coordinated operations in general, are sensitive to current inflow projections and may therefore change from month to month as new inflow projections are incorporated.

The February 24 Month study indicates that an April adjustment, with a change to the Equalization Tier, on April 1, 2008 would occur under the most probable forecasted April through July unregulated inflow into Lake Powell This adjustment would result in additional releases from Lake Powell which are reflected in the study. However, it is possible that the forecasted inflow on April 1 may be such that an April adjustment is not required, and the 2008 water year release from Lake Powell is maintained at 8.23 million acre-feet.

In this study, the Calendar Year (CY) 2008 diversion for Metropolitan Water District of Southern California (MWD) is forecasted to be 0.777 million acre-feet (maf). The CY 2008 diversion for the Central Arizona Project (CAP) is forecasted to be 1.563 maf. Consumptive use for Nevada above Hoover is forecasted to be 0.292 maf for CY 2008.

Due to declining Lake Mead elevations, Hoover's generator capacity is adjusted based on estimated effective capacity and plant availability. The estimated effective capacity is based on projected Lake Mead elevations. Unit capacity tests will be performed as the lake elevation changes in 2' increments. This study reflects these changes in the projections.

Current runoff projections into Lake Powell are provided by the National Weather Service's Colorado Basin River Forecast Center and are as follows: observed unregulated inflow into Lake Powell for the month of January, 2008 was 0.336 maf or 83% of the 30 year average. The forecast for February, 2008 unregulated inflow into Lake Powell is 0.475 maf or 113% of the 30 year average. The forecast for the April through July unregulated inflow period is projected to be 9.5 maf or 120% of average.

Hoover, Davis, and Parker historical gross energy figures come from PO&M reports provided by the Power and O&M Group, Boulder Canyon Operations, Bureau of Reclamation, Boulder City, Nevada. Questions regarding these historical energy numbers can be directed to Larry Karr at (702) 293-8094.

(Note: Lower Basin previous months' historical SNWP and flow to Mexico values are preliminary estimates.)

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T E M R E S E R V O I R S

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Fontenelle Reservoir

		Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Feb 2007	26	0	50	0	50	6471.76	127
H	Mar 2007	62	0	56	0	56	6473.15	133
I	Apr 2007	49	1	51	0	51	6472.62	131
S	May 2007	109	1	49	0	49	6483.80	189
T	Jun 2007	89	2	48	0	48	6489.96	228
O	Jul 2007	46	2	50	0	50	6489.09	222
R	Aug 2007	35	2	50	0	50	6486.48	205
I	Sep 2007	25	1	27	16	43	6483.42	186
	WY 2007	578	14	602	16	618		
C	Oct 2007	33	1	37	6	44	6481.38	175
A	Nov 2007	32	1	41	2	42	6479.48	164
L	Dec 2007	27	1	43	0	44	6476.19	147
*	Jan 2008	24	0	43	0	43	6472.00	128
	Feb 2008	24	0	40	0	40	6468.05	111
	Mar 2008	40	0	43	0	43	6467.20	108
	Apr 2008	80	1	46	0	46	6474.91	141
	May 2008	154	1	81	0	81	6487.61	213
	Jun 2008	269	2	104	70	175	6500.73	304
	Jul 2008	162	3	100	22	122	6505.56	342
	Aug 2008	76	2	92	0	92	6503.19	323
	Sep 2008	47	2	59	12	71	6499.74	297
	WY 2008	968	15	730	113	843		
	Oct 2008	49	1	71	0	71	6496.56	274
	Nov 2008	41	1	68	0	68	6492.56	245
	Dec 2008	32	1	71	0	71	6486.59	206
	Jan 2009	30	1	71	0	71	6479.53	164
	Feb 2009	27	0	64	0	64	6471.82	127
	Mar 2009	51	0	73	0	73	6466.55	105
	Apr 2009	89	1	89	0	89	6466.28	104
	May 2009	176	1	97	11	108	6480.71	171
	Jun 2009	308	2	103	70	173	6500.66	304
	Jul 2009	186	3	101	47	148	6505.23	340
	Aug 2009	83	2	100	1	100	6502.73	320
	Sep 2009	49	2	59	13	72	6499.44	295
	WY 2009	1120	15	966	141	1107		
	Oct 2009	49	1	74	0	74	6495.82	268
	Nov 2009	41	1	71	0	71	6491.35	237
	Dec 2009	32	1	74	0	74	6484.78	195
	Jan 2010	30	1	71	0	71	6477.31	153

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Flaming Gorge Reservoir

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Yampa Flow 1000 Ac-Ft	Jensen Flow 1000 Ac-Ft
*	Feb 2007	45	69	2	66	0	66	87	6023.65	3111	0	392
H	Mar 2007	119	113	3	51	0	51	90	6025.19	3167	0	221
I	Apr 2007	73	75	5	50	0	50	90	6025.71	3187	0	263
S	May 2007	164	106	8	138	0	138	89	6024.67	3148	0	525
T	Jun 2007	90	49	10	69	0	69	88	6023.89	3119	0	227
O	Jul 2007	42	45	13	55	0	55	87	6023.31	3098	0	81
R	Aug 2007	32	46	12	51	0	51	86	6022.87	3082	0	66
I	Sep 2007	23	40	10	49	0	49	85	6022.35	3063	0	72
	WY 2007	744	784	77	777	0	777					2764
C	Oct 2007	35	46	7	49	1	50	85	6022.07	3053	0	95
A	Nov 2007	33	42	3	49	0	49	85	6021.81	3044	0	83
L	Dec 2007	21	37	2	41	9	50	84	6021.40	3029	0	83
*	Jan 2008	24	43	2	50	0	50	84	6021.15	3020	0	0
	Feb 2008	30	46	2	46	0	46	84	6021.10	3019	0	46
	Mar 2008	75	78	3	49	0	49	84	6021.80	3044	0	49
	Apr 2008	110	76	5	48	0	48	85	6022.43	3067	0	48
	May 2008	218	145	7	132	0	132	85	6022.58	3072	0	132
	Jun 2008	331	236	10	175	0	175	87	6023.95	3122	0	175
	Jul 2008	182	141	13	85	0	85	88	6025.10	3164	0	85
	Aug 2008	85	102	12	85	0	85	89	6025.23	3169	0	85
	Sep 2008	55	80	11	82	0	82	88	6024.89	3156	0	82
	WY 2008	1198	1073	77	891	10	900					962
	Oct 2008	59	81	7	85	0	85	88	6024.63	3146	0	85
	Nov 2008	51	79	3	82	0	82	88	6024.46	3140	0	82
	Dec 2008	37	76	2	85	0	85	87	6024.18	3130	0	85
	Jan 2009	41	82	2	85	0	85	87	6024.06	3126	0	85
	Feb 2009	45	82	2	76	0	76	87	6024.16	3129	0	76
	Mar 2009	103	125	3	85	0	85	88	6025.14	3165	0	85
	Apr 2009	142	143	5	82	0	82	90	6026.60	3220	0	82
	May 2009	263	195	8	142	0	142	92	6027.76	3263	0	142
	Jun 2009	400	264	10	234	0	234	92	6028.26	3282	0	234
	Jul 2009	219	181	14	106	0	106	94	6029.81	3342	0	106
	Aug 2009	97	114	13	106	0	106	94	6029.69	3337	0	106
	Sep 2009	58	82	11	103	0	103	93	6028.88	3306	0	103
	WY 2009	1516	1504	79	1270	0	1270					1270
	Oct 2009	59	85	7	106	0	106	92	6028.15	3278	0	106
	Nov 2009	51	82	3	103	0	103	91	6027.53	3255	0	103
	Dec 2009	37	79	2	106	0	106	91	6026.78	3226	0	106
	Jan 2010	41	82	2	106	0	106	90	6026.11	3201	0	106

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Taylor Park Reservoir

		Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Feb 2007	3	4	9314.65	78
H	Mar 2007	6	5	9315.67	79
I	Apr 2007	8	5	9317.64	83
S	May 2007	27	11	9325.94	98
T	Jun 2007	27	23	9327.98	102
O	Jul 2007	15	25	9322.65	92
R	Aug 2007	10	18	9318.20	84
I	Sep 2007	8	14	9314.67	78
	WY 2007	130	125		
C	Oct 2007	7	7	9314.68	78
A	Nov 2007	4	4	9314.68	78
L	Dec 2007	5	5	9314.89	78
*	Jan 2008	5	4	9315.09	78
	Feb 2008	4	5	9314.65	78
	Mar 2008	5	5	9314.63	78
	Apr 2008	11	18	9310.26	70
	May 2008	37	32	9313.50	76
	Jun 2008	59	34	9327.14	100
	Jul 2008	28	34	9324.05	95
	Aug 2008	13	20	9320.04	87
	Sep 2008	8	16	9315.41	79
	WY 2008	186	184		
	Oct 2008	6	12	9311.88	73
	Nov 2008	5	6	9311.19	72
	Dec 2008	4	5	9310.83	71
	Jan 2009	4	5	9310.32	70
	Feb 2009	4	5	9309.63	69
	Mar 2009	4	5	9309.15	69
	Apr 2009	8	10	9308.07	67
	May 2009	27	18	9313.77	76
	Jun 2009	43	20	9326.36	99
	Jul 2009	20	22	9325.55	97
	Aug 2009	10	20	9320.25	87
	Sep 2009	7	14	9316.29	80
	WY 2009	143	142		
	Oct 2009	6	12	9312.80	74
	Nov 2009	5	6	9312.12	73
	Dec 2009	4	5	9311.77	73
	Jan 2010	4	5	9311.27	72

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Blue Mesa Reservoir

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Feb 2007	26	27	0	54	0	54	7478.89	498
H	Mar 2007	55	54	0	38	0	38	7481.01	513
I	Apr 2007	67	64	1	43	0	43	7483.72	533
S	May 2007	189	174	1	41	0	41	7500.42	665
T	Jun 2007	174	169	1	47	0	47	7514.60	786
O	Jul 2007	81	91	2	99	0	99	7513.48	776
R	Aug 2007	75	83	1	109	0	109	7510.40	749
I	Sep 2007	50	56	1	117	0	117	7503.06	687
	WY 2007	895	889	9	861	0	861		
C	Oct 2007	48	48	1	85	0	85	7498.53	649
A	Nov 2007	31	31	0	65	0	65	7494.31	615
L	Dec 2007	33	33	0	67	0	67	7489.90	581
*	Jan 2008	33	33	0	93	0	93	7481.92	520
	Feb 2008	25	26	0	95	0	95	7472.18	451
	Mar 2008	40	40	0	114	0	114	7460.82	376
	Apr 2008	95	102	1	139	0	139	7454.62	339
	May 2008	318	313	1	163	0	163	7477.46	488
	Jun 2008	406	381	1	154	0	154	7506.27	714
	Jul 2008	181	187	2	97	0	97	7516.35	802
	Aug 2008	82	90	1	118	0	118	7513.06	773
	Sep 2008	42	50	1	114	0	114	7505.59	708
	WY 2008	1335	1334	8	1305	0	1305		
	Oct 2008	35	41	1	91	0	91	7499.53	657
	Nov 2008	31	32	0	60	0	60	7496.01	629
	Dec 2008	25	26	0	73	0	73	7490.00	581
	Jan 2009	24	25	0	73	0	73	7483.66	533
	Feb 2009	22	23	0	60	0	60	7478.60	496
	Mar 2009	34	35	0	61	0	61	7474.88	469
	Apr 2009	73	75	1	72	0	72	7475.20	472
	May 2009	212	203	1	64	0	64	7493.58	610
	Jun 2009	271	248	1	66	0	66	7515.04	790
	Jul 2009	121	122	2	108	0	108	7516.41	803
	Aug 2009	62	72	1	122	0	122	7510.59	751
	Sep 2009	36	43	1	106	0	106	7503.12	687
	WY 2009	946	944	9	956	0	956		
	Oct 2009	35	41	1	82	0	82	7498.08	646
	Nov 2009	31	32	0	52	0	52	7495.54	625
	Dec 2009	25	26	0	69	0	69	7490.00	581
	Jan 2010	24	25	0	73	0	73	7483.66	533

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Morrow Point Reservoir

		Unreg Inflow 1000 Ac-Ft	Blue_Mesa Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Evap losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Feb 2007	24	54	-2	51	0	51	0	51	7145.91	106
H	Mar 2007	58	38	3	41	0	34	0	34	7154.36	113
I	Apr 2007	73	43	6	49	0	50	0	50	7153.49	112
S	May 2007	202	41	13	54	0	53	0	53	7154.94	113
T	Jun 2007	179	47	4	51	0	52	0	52	7153.84	112
O	Jul 2007	73	99	-7	92	0	92	0	92	7153.52	112
R	Aug 2007	67	109	-8	101	0	100	0	100	7154.39	113
I	Sep 2007	41	117	-8	109	0	107	0	107	7156.75	114
	WY 2007	883	861	-12	849	1	839	0	839		
C	Oct 2007	43	85	-4	80	0	85	0	85	7150.81	110
A	Nov 2007	28	65	-3	62	0	63	0	63	7149.32	109
L	Dec 2007	31	67	-2	65	0	62	0	62	7152.91	111
*	Jan 2008	29	93	-4	89	0	87	0	87	7156.26	114
	Feb 2008	28	95	3	98	0	100	0	100	7153.73	112
	Mar 2008	45	114	5	119	0	119	0	119	7153.73	112
	Apr 2008	109	139	14	153	0	153	0	153	7153.73	112
	May 2008	358	163	40	203	0	203	0	203	7153.73	112
	Jun 2008	441	154	34	188	0	188	0	188	7153.73	112
	Jul 2008	192	97	11	108	0	108	0	108	7153.73	112
	Aug 2008	87	118	5	123	0	123	0	123	7153.73	112
	Sep 2008	46	114	3	117	0	117	0	117	7153.73	112
	WY 2008	1437	1305	102	1407	0	1409	0	1409		
	Oct 2008	38	91	3	94	0	94	0	94	7153.73	112
	Nov 2008	33	60	2	62	0	62	0	62	7153.73	112
	Dec 2008	27	73	2	75	0	75	0	75	7153.73	112
	Jan 2009	26	73	2	75	0	75	0	75	7153.73	112
	Feb 2009	25	60	3	63	0	63	0	63	7153.73	112
	Mar 2009	38	61	4	65	0	65	0	65	7153.73	112
	Apr 2009	84	72	11	83	0	83	0	83	7153.73	112
	May 2009	237	64	25	89	0	89	0	89	7153.73	112
	Jun 2009	292	66	21	87	0	87	0	87	7153.73	112
	Jul 2009	127	108	7	115	0	115	0	115	7153.73	112
	Aug 2009	65	122	4	126	0	126	0	126	7153.73	112
	Sep 2009	39	106	3	109	0	109	0	109	7153.73	112
	WY 2009	1032	956	86	1043	0	1043	0	1043		
	Oct 2009	38	82	3	85	0	85	0	85	7153.73	112
	Nov 2009	33	52	2	54	0	54	0	54	7153.73	112
	Dec 2009	27	69	2	71	0	71	0	71	7153.73	112
	Jan 2010	26	73	2	75	0	75	0	75	7153.73	112

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Crystal Reservoir

		unreg Inflow 1000 Ac-Ft	Morrow Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Tunnel Flow 1000 Ac-Ft	Below_tunnel Flow 1000 Ac-Ft
*	Feb 2007	27	51	3	55	25	30	54	6739.24	13	2	57
H	Mar 2007	67	34	8	43	42	0	42	6739.82	13	1	43
I	Apr 2007	84	50	11	61	57	0	57	6751.74	17	31	29
S	May 2007	228	53	25	78	78	0	78	6751.27	16	53	29
T	Jun 2007	200	52	21	73	74	0	74	6745.12	15	51	28
O	Jul 2007	80	92	7	99	98	0	98	6748.50	16	66	37
R	Aug 2007	74	100	7	107	108	0	108	6744.63	15	63	51
I	Sep 2007	46	107	5	112	112	0	112	6746.25	15	56	62
	WY 2007	991	839	108	947	907	39	946			363	633
C	Oct 2007	48	85	5	90	90	0	90	6745.51	15	38	54
A	Nov 2007	32	63	4	67	66	0	66	6748.78	16	1	70
L	Dec 2007	35	62	5	67	68	0	68	6742.95	14	1	73
*	Jan 2008	34	87	5	91	77	13	90	6748.45	16	1	100
	Feb 2008	32	100	4	104	87	16	103	6753.04	17	0	103
	Mar 2008	55	119	10	129	129	0	129	6753.04	17	5	124
	Apr 2008	125	153	16	169	130	39	169	6753.04	17	30	139
	May 2008	410	203	52	255	134	121	255	6753.04	17	55	200
	Jun 2008	497	188	57	245	130	115	245	6753.04	17	60	185
	Jul 2008	218	108	25	134	134	0	134	6753.04	17	65	69
	Aug 2008	98	123	11	134	134	0	134	6753.04	17	65	69
	Sep 2008	53	117	7	125	125	0	125	6753.04	17	55	70
	WY 2008	1638	1409	201	1610	1304	304	1608			376	1255
	Oct 2008	44	94	7	100	100	0	100	6753.04	17	30	70
	Nov 2008	38	62	5	67	67	0	67	6753.04	17	0	67
	Dec 2008	32	75	5	80	80	0	80	6753.04	17	0	80
	Jan 2009	31	75	5	80	80	0	80	6753.04	17	0	80
	Feb 2009	29	63	4	67	67	0	67	6753.04	17	0	67
	Mar 2009	46	65	7	72	72	0	72	6753.04	17	5	67
	Apr 2009	96	83	12	95	95	0	95	6753.04	17	30	65
	May 2009	272	89	35	124	124	0	124	6753.04	17	55	69
	Jun 2009	330	87	38	125	125	0	125	6753.04	17	60	65
	Jul 2009	144	115	17	132	132	0	132	6753.04	17	65	67
	Aug 2009	74	126	8	134	134	0	134	6753.04	17	65	69
	Sep 2009	45	109	6	115	115	0	115	6753.04	17	55	60
	WY 2009	1183	1043	151	1193	1194	0	1193			365	829
	Oct 2009	44	85	7	91	91	0	91	6753.04	17	30	61
	Nov 2009	38	54	5	59	59	0	59	6753.04	17	0	59
	Dec 2009	32	71	5	76	76	0	76	6753.04	17	0	76
	Jan 2010	31	75	5	80	80	0	80	6753.04	17	0	80

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Vallecito Reservoir

		Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Feb 2007	5	5	7645.51	76
H	Mar 2007	14	5	7649.56	86
I	Apr 2007	22	5	7656.47	103
S	May 2007	68	45	7664.82	125
T	Jun 2007	67	68	7664.36	124
O	Jul 2007	23	41	7657.48	106
R	Aug 2007	27	34	7654.84	99
I	Sep 2007	18	34	7648.41	83
	WY 2007	330	327		
C	Oct 2007	15	31	7641.28	67
A	Nov 2007	7	4	7642.40	69
L	Dec 2007	8	3	7644.42	74
*	Jan 2008	6	4	7645.29	76
	Feb 2008	5	14	7641.42	67
	Mar 2008	8	21	7635.05	54
	Apr 2008	27	27	7634.92	54
	May 2008	101	69	7649.26	85
	Jun 2008	113	74	7664.18	123
	Jul 2008	45	47	7663.12	120
	Aug 2008	25	43	7656.01	102
	Sep 2008	20	42	7646.73	79
	WY 2008	379	379		
	Oct 2008	13	24	7641.71	68
	Nov 2008	8	5	7643.12	71
	Dec 2008	6	6	7643.30	71
	Jan 2009	5	5	7643.34	72
	Feb 2009	5	5	7643.35	72
	Mar 2009	8	5	7644.63	74
	Apr 2009	22	10	7649.66	86
	May 2009	69	38	7661.90	117
	Jun 2009	78	73	7663.59	122
	Jul 2009	31	43	7658.77	109
	Aug 2009	19	40	7650.26	88
	Sep 2009	17	30	7644.64	74
	WY 2009	281	283		
	Oct 2009	13	15	7643.62	72
	Nov 2009	8	4	7645.44	76
	Dec 2009	6	4	7646.26	78
	Jan 2010	5	5	7646.30	78

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Navajo Reservoir

		Mod_Unreg Inflow 1000 Ac-Ft	Azetea Tunnel_Div 1000 Ac-Ft	Reg Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	NIIP Diversion 1000 ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Farm Flow 1000 Ac-Ft
*	Feb 2007	31	0	31	1	1	29	6074.65	1546	53
H	Mar 2007	126	13	104	2	5	41	6078.51	1603	76
I	Apr 2007	121	18	87	3	20	44	6079.81	1622	90
S	May 2007	258	34	200	4	25	212	6077.03	1581	257
T	Jun 2007	182	27	154	5	37	73	6079.68	1620	169
O	Jul 2007	33	4	46	5	38	46	6076.77	1577	81
R	Aug 2007	61	7	59	4	33	48	6074.98	1551	82
I	Sep 2007	27	2	41	3	23	56	6072.10	1510	80
	WY 2007	1097	119	974	31	192	660			1160
C	Oct 2007	41	0	57	2	10	46	6072.01	1509	79
A	Nov 2007	19	0	17	1	1	43	6070.07	1482	57
L	Dec 2007	46	0	40	1	0	42	6069.89	1479	67
*	Jan 2008	26	0	24	1	0	47	6068.19	1456	68
	Feb 2008	33	0	42	1	0	128	6061.61	1368	128
	Mar 2008	135	0	148	2	3	184	6058.37	1327	184
	Apr 2008	285	10	275	3	15	179	6064.50	1406	179
	May 2008	472	42	398	4	28	226	6074.70	1547	226
	Jun 2008	417	54	325	5	42	252	6076.47	1573	252
	Jul 2008	125	33	94	5	45	31	6077.37	1586	31
	Aug 2008	63	5	77	4	38	32	6077.57	1589	32
	Sep 2008	52	1	74	3	22	30	6078.83	1607	30
	WY 2008	1715	145	1571	30	204	1239			1333
	Oct 2008	38	0	49	2	7	31	6079.43	1616	31
	Nov 2008	33	1	29	1	0	30	6079.28	1614	30
	Dec 2008	24	0	23	1	0	31	6078.73	1606	31
	Jan 2009	22	0	22	1	0	31	6078.08	1596	31
	Feb 2009	30	0	30	1	0	28	6078.17	1598	28
	Mar 2009	88	4	81	2	4	47	6080.09	1626	47
	Apr 2009	174	13	149	3	17	119	6080.77	1636	119
	May 2009	279	0	247	4	31	206	6081.13	1642	206
	Jun 2009	246	40	201	5	47	212	6076.92	1579	212
	Jul 2009	74	13	73	5	51	31	6076.02	1566	31
	Aug 2009	43	13	51	4	42	31	6074.21	1540	31
	Sep 2009	42	4	51	3	24	30	6073.78	1534	30
	WY 2009	1094	88	1007	32	223	825			825
	Oct 2009	38	0	40	2	7	31	6073.78	1534	31
	Nov 2009	33	0	29	1	0	30	6073.62	1531	30
	Dec 2009	24	0	22	1	0	31	6072.95	1522	31
	Jan 2010	22	0	22	1	0	31	6072.26	1512	31

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Lake Powell

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	PowerPlant Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Bank Storage 1000 Ac-Ft	EOM Storage 1000 Ac-Ft	Lees Ferry 1000 Ac-Ft
*	Feb 2007	408	455	9	604	0	604	3597.91	18464	11552	619
H	Mar 2007	797	682	15	602	0	602	3598.81	18444	11637	606
I	Apr 2007	802	701	24	600	0	600	3600.35	18374	11784	604
S	May 2007	1577	1441	29	601	0	601	3609.61	18276	12691	606
T	Jun 2007	1308	1072	47	801	0	801	3611.50	18309	12882	811
O	Jul 2007	365	453	56	804	0	804	3607.35	18318	12465	819
R	Aug 2007	378	437	54	804	0	804	3603.58	18266	12095	818
I	Sep 2007	296	454	49	604	0	604	3601.87	18232	11929	617
	WY 2007	8231	8080	388	8231	0	8231				8397
C	Oct 2007	467	540	34	601	0	601	3600.62	18258	11809	611
A	Nov 2007	397	470	32	603	0	603	3598.63	18281	11620	616
L	Dec 2007	398	455	25	803	0	803	3594.64	18282	11246	815
*	Jan 2008	336	440	8	801	0	801	3590.66	18278	10880	813
	Feb 2008	475	657	17	600	0	600	3591.07	18281	10917	600
	Mar 2008	800	901	21	600	0	600	3593.89	18302	11176	600
	Apr 2008	1450	1350	25	600	0	600	3601.02	18356	11848	600
	May 2008	2755	2338	36	800	0	800	3614.98	18467	13238	800
	Jun 2008	3580	3103	45	800	0	800	3634.21	18634	15329	800
	Jul 2008	1715	1518	54	910	0	910	3638.64	18675	15843	910
	Aug 2008	670	716	56	910	0	910	3636.65	18657	15611	910
	Sep 2008	502	600	48	692	0	692	3635.53	18647	15482	692
	WY 2008	13545	13087	401	8719	0	8719				8767
	Oct 2008	506	588	43	600	0	600	3635.09	18642	15430	600
	Nov 2008	523	581	36	600	0	600	3634.65	18638	15380	600
	Dec 2008	418	520	30	800	0	800	3632.13	18616	15093	800
	Jan 2009	384	486	22	800	0	800	3629.36	18591	14782	800
	Feb 2009	395	461	21	600	0	600	3628.04	18579	14634	600
	Mar 2009	628	603	26	600	0	600	3627.84	18577	14612	600
	Apr 2009	952	866	29	850	0	850	3627.73	18576	14600	850
	May 2009	2161	1851	40	1000	0	1000	3634.39	18636	15350	1000
	Jun 2009	2808	2491	48	1100	0	1100	3644.93	18735	16593	1100
	Jul 2009	1345	1240	57	1155	0	1155	3645.15	18738	16619	1155
	Aug 2009	566	679	57	1155	0	1155	3641.03	18698	16125	1155
	Sep 2009	459	589	49	800	0	800	3639.00	18679	15885	800
	WY 2009	11147	10954	459	10060	0	10060				10060
	Oct 2009	506	600	44	600	0	600	3638.65	18676	15844	600
	Nov 2009	523	593	37	600	0	600	3638.31	18672	15804	600
	Dec 2009	418	538	30	800	0	800	3635.98	18651	15533	800
	Jan 2010	384	507	23	800	0	800	3633.44	18627	15241	800

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Hoover Dam - Lake Mead

		Glen Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	SNWP Use 1000 Ac-Ft	Dwnstrm Reqmnts 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
*	Feb 2007	604	67	33	647	11.6	12	646	929	1129.35	14288
H	Mar 2007	602	45	37	970	15.8	22	969	905	1125.79	13930
I	Apr 2007	600	26	45	1093	18.4	24	1089	873	1120.69	13426
S	May 2007	601	17	51	1026	16.7	34	1024	843	1115.89	12963
T	Jun 2007	801	10	61	958	16.1	35	957	828	1113.50	12735
O	Jul 2007	804	67	76	950	15.5	39	949	816	1111.58	12554
R	Aug 2007	804	138	80	803	13.1	33	801	818	1111.84	12578
I	Sep 2007	604	63	66	656	11.0	24	653	813	1111.06	12505
	WY 2007	8231	677	633	9450		297	9420			
C	Oct 2007	601	32	48	570	9.3	26	564	812	1110.95	12494
A	Nov 2007	603	67	48	576	9.7	19	575	814	1111.22	12520
L	Dec 2007	803	94	42	477	7.8	17	467	836	1114.81	12860
*	Jan 2008	801	86	34	672	10.9	12	660	846	1116.46	13017
	Feb 2008	600	120	32	607	10.6	12	607	850	1117.13	13082
	Mar 2008	600	87	35	940	15.3	16	940	832	1114.13	12796
	Apr 2008	600	74	43	1058	17.8	22	1058	804	1109.66	12374
	May 2008	800	65	49	1043	17.0	35	1043	788	1107.01	12128
	Jun 2008	800	16	59	944	15.9	34	944	775	1104.76	11921
	Jul 2008	910	57	73	902	14.7	33	902	772	1104.33	11882
	Aug 2008	910	115	78	818	13.3	30	818	778	1105.34	11975
	Sep 2008	692	79	64	707	11.9	33	707	776	1105.00	11944
	WY 2008	8719	892	605	9314		290	9285			
	Oct 2008	600	68	47	475	7.7	31	475	783	1106.18	12052
	Nov 2008	600	68	47	542	9.1	23	542	787	1106.75	12104
	Dec 2008	800	61	41	547	8.9	11	547	803	1109.40	12350
	Jan 2009	800	126	34	676	11.0	13	676	815	1111.44	12541
	Feb 2009	600	116	31	608	11.0	13	608	819	1112.07	12600
	Mar 2009	600	87	35	931	15.1	17	931	801	1109.10	12322
	Apr 2009	850	74	43	1043	17.5	23	1043	790	1107.23	12149
	May 2009	1000	65	49	1066	17.3	35	1066	785	1106.37	12069
	Jun 2009	1100	16	59	1002	16.8	34	1002	786	1106.59	12089
	Jul 2009	1155	57	74	932	15.2	33	932	796	1108.34	12251
	Aug 2009	1155	115	79	818	13.3	30	818	817	1111.78	12573
	Sep 2009	800	79	66	713	12.0	33	713	821	1112.45	12636
	WY 2009	10060	931	604	9354		296	9354			
	Oct 2009	600	68	48	482	7.8	31	482	828	1113.50	12736
	Nov 2009	600	68	48	518	8.7	24	518	833	1114.26	12808
	Dec 2009	800	61	42	574	9.3	12	574	847	1116.56	13028
	Jan 2010	800	128	35	660	10.7	13	660	860	1118.71	13234

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Davis Dam - Lake Mohave

		Hoover Release 1000 Ac-Ft	Side inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Spill Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release CFS	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
*	Feb 2007	647	-16	649	0	649	11.7	640.75	1638
H	Mar 2007	970	-28	895	0	895	14.6	642.49	1685
I	Apr 2007	1093	-34	1001	0	1001	16.8	644.58	1742
S	May 2007	1026	-37	996	0	996	16.2	644.29	1734
T	Jun 2007	958	-34	965	0	965	16.2	642.79	1693
O	Jul 2007	950	-31	916	0	916	14.9	642.89	1696
R	Aug 2007	803	-29	786	0	786	12.8	642.45	1684
I	Sep 2007	656	-18	777	0	777	13.0	637.26	1545
	WY 2007	9450	-248	9241	0	9241			
C	Oct 2007	570	-14	635	0	635	10.3	634.21	1465
A	Nov 2007	576	-16	516	0	516	8.7	635.89	1509
L	Dec 2007	477	-24	396	0	396	6.4	638.03	1565
*	Jan 2008	672	-27	547	0	547	8.9	641.68	1663
	Feb 2008	607	-14	584	0	584	10.1	642.00	1671
	Mar 2008	940	-24	888	0	888	14.4	643.00	1699
	Apr 2008	1058	-29	1028	0	1028	17.3	643.01	1699
	May 2008	1043	-32	1010	0	1010	16.4	643.01	1699
	Jun 2008	944	-27	945	0	945	15.9	642.00	1671
	Jul 2008	902	-24	891	0	891	14.5	641.50	1658
	Aug 2008	818	-24	794	0	794	12.9	641.50	1658
	Sep 2008	707	-17	783	0	783	13.2	638.00	1564
	WY 2008	9314	-279	9015	0	9015			
	Oct 2008	475	-2	603	0	603	9.8	633.00	1434
	Nov 2008	542	-15	501	0	501	8.4	634.00	1460
	Dec 2008	547	-18	406	0	406	6.6	638.71	1583
	Jan 2009	676	-20	573	0	573	9.3	641.80	1666
	Feb 2009	608	-14	594	0	594	10.7	641.80	1666
	Mar 2009	931	-24	872	0	872	14.2	643.05	1700
	Apr 2009	1043	-29	1015	0	1015	17.1	643.01	1699
	May 2009	1066	-32	1033	0	1033	16.8	643.01	1699
	Jun 2009	1002	-27	1003	0	1003	16.8	642.00	1671
	Jul 2009	932	-24	921	0	921	15.0	641.50	1658
	Aug 2009	818	-24	793	0	793	12.9	641.50	1658
	Sep 2009	713	-17	789	0	789	13.3	638.00	1564
	WY 2009	9354	-252	9101	0	9101			
	Oct 2009	482	-2	610	0	610	9.9	633.00	1434
	Nov 2009	518	-15	477	0	477	8.0	634.00	1460
	Dec 2009	574	-18	432	0	432	7.0	638.71	1583
	Jan 2010	660	-15	561	0	561	9.1	641.80	1666

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Parker Dam - Lake Havasu

		Davis Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	MWD Diversion 1000 Ac-Ft	CAP diversion 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft	Flow_to Mexico 1000 Ac-Ft	Flow_to Mexico 1000 CFS
*	Feb 2007	649	-19	472	8.5	59	131	445.97	542	149	2.7
H	Mar 2007	895	0	684	11.1	20	171	447.06	562	203	3.3
I	Apr 2007	1001	-4	751	12.6	76	161	447.53	571	198	3.3
S	May 2007	996	-11	721	11.7	86	159	448.56	591	109	1.8
T	Jun 2007	965	-20	721	12.1	83	145	448.30	586	118	2.0
O	Jul 2007	916	-1	749	12.2	64	100	448.35	587	124	2.0
R	Aug 2007	786	-12	634	10.3	98	42	448.28	585	97	1.6
I	Sep 2007	777	-6	555	9.3	91	134	447.77	576	92	1.5
	WY 2007	9241	-94	6803		689	1633			1514	
C	Oct 2007	635	2	455	7.4	27	164	447.28	566	80	1.3
A	Nov 2007	516	3	336	5.6	29	147	447.65	573	104	1.8
L	Dec 2007	396	10	270	4.4	35	118	446.77	557	128	2.1
*	Jan 2008	547	5	306	5.0	82	167	446.67	555	132	2.1
	Feb 2008	584	33	394	6.8	67	159	446.50	552	149	2.6
	Mar 2008	888	31	697	11.3	38	173	447.00	561	202	3.3
	Apr 2008	1028	-4	765	12.9	64	162	448.71	594	195	3.3
	May 2008	1010	-14	725	11.8	98	172	448.71	594	109	1.8
	Jun 2008	945	-24	674	11.3	95	151	448.71	594	120	2.0
	Jul 2008	891	-16	727	11.8	86	75	448.00	580	124	2.0
	Aug 2008	794	-11	627	10.2	86	79	447.50	570	93	1.5
	Sep 2008	783	-11	563	9.5	83	138	446.81	557	89	1.5
	WY 2008	9015	1	6539		791	1705			1526	
	Oct 2008	603	3	472	7.7	34	109	446.31	548	75	1.2
	Nov 2008	501	11	381	6.4	33	94	446.50	552	101	1.7
	Dec 2008	406	10	320	5.2	11	84	446.50	552	122	2.0
	Jan 2009	573	23	350	5.7	67	179	446.50	552	122	2.0
	Feb 2009	594	32	386	7.0	79	160	446.50	552	149	2.7
	Mar 2009	872	31	699	11.4	26	174	446.70	555	202	3.3
	Apr 2009	1015	-4	758	12.7	55	160	448.71	594	195	3.3
	May 2009	1033	-14	737	12.0	101	180	448.71	594	109	1.8
	Jun 2009	1003	-24	741	12.5	110	127	448.71	594	120	2.0
	Jul 2009	921	-16	744	12.1	114	60	448.00	580	124	2.0
	Aug 2009	793	-11	611	9.9	114	66	447.50	570	93	1.5
	Sep 2009	789	-11	549	9.2	110	131	446.81	557	89	1.5
	WY 2009	9101	26	6748		854	1525			1500	
	Oct 2009	610	3	465	7.6	40	117	446.31	548	75	1.2
	Nov 2009	477	11	373	6.3	19	93	446.50	552	101	1.7
	Dec 2009	432	10	304	4.9	16	122	446.50	552	122	2.0
	Jan 2010	561	35	350	5.7	67	179	446.50	552	165	2.7

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Hoover Dam - Lake Mead

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Hoover Static Head Feet	Hoover Generator Capacity MW	Hoover Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Feb 2007	647	11.6	1129.35	14288	-20	0.00	969.0	267.6	55	413.7
H	Mar 2007	970	15.8	1125.79	13930	-358	0.00	1319.0	406.2	74	418.7
I	Apr 2007	1093	18.4	1120.69	13426	-504	0.00	1275.0	455.6	73	416.9
S	May 2007	1026	16.7	1115.89	12963	-463	0.00	1506.0	417.8	88	407.3
T	Jun 2007	958	16.1	1113.50	12735	-228	0.00	1742.0	384.0	100	400.9
O	Jul 2007	950	15.5	1111.58	12554	-181	0.00	1730.0	377.2	100	397.0
R	Aug 2007	803	13.1	1111.84	12578	24	0.00	1704.0	315.2	100	392.6
I	Sep 2007	656	11.0	1111.06	12505	-73	0.00	1500.0	252.9	88	385.6
	WY 2007	9450							3826.0		
C	Oct 2007	570	9.3	1110.95	12494	-10	0.00	1363.0	219.9	80	385.9
A	Nov 2007	575	9.7	1111.22	12520	25	0.00	1056.0	225.1	62	391.4
L	Dec 2007	477	7.8	1114.81	12860	340	0.00	1074.0	183.5	63	385.0
*	Jan 2008	672	10.9	1116.46	13017	158	0.00	1183.0	268.3	69	399.2
	Feb 2008	607	10.6	1117.13	13082	65	467.87	1093.1	251.8	63	414.6
	Mar 2008	940	15.3	1114.13	12796	-286	464.96	1301.2	397.0	75	422.5
	Apr 2008	1058	17.8	1109.66	12374	-422	459.59	1495.5	440.8	87	416.8
	May 2008	1043	17.0	1107.01	12128	-246	456.15	1436.2	428.8	86	411.3
	Jun 2008	944	15.9	1104.76	11921	-207	452.52	1655.0	385.6	100	408.2
	Jul 2008	902	14.7	1104.33	11882	-39	451.68	1655.0	363.8	100	403.2
	Aug 2008	818	13.3	1105.34	11975	93	452.14	1655.0	333.7	100	407.8
	Sep 2008	707	11.9	1105.00	11944	-31	453.61	1655.0	285.2	100	403.2
	WY 2008	9313							3783.4		
	Oct 2008	475	7.7	1106.18	12052	108	460.64	976.5	194.7	59	409.6
	Nov 2008	542	9.1	1106.75	12104	52	461.61	1208.2	219.2	73	404.5
	Dec 2008	547	8.9	1109.40	12350	246	460.57	1373.7	219.3	83	400.5
	Jan 2009	676	11.0	1111.44	12541	191	461.35	1241.0	276.7	74	409.2
	Feb 2009	608	11.0	1112.07	12600	60	460.35	1442.2	246.7	86	405.6
	Mar 2009	931	15.1	1109.10	12322	-278	459.10	1373.7	386.3	83	414.7
	Apr 2009	1043	17.5	1107.23	12149	-173	455.86	1439.8	430.7	87	412.8
	May 2009	1066	17.3	1106.37	12069	-79	453.10	1636.0	433.2	100	406.5
	Jun 2009	1002	16.8	1106.59	12089	20	453.11	1636.0	405.5	100	404.7
	Jul 2009	932	15.2	1108.34	12251	162	454.59	1636.0	379.7	100	407.4
	Aug 2009	818	13.3	1111.78	12573	321	457.33	1636.0	336.8	100	411.9
	Sep 2009	713	12.0	1112.45	12636	63	460.51	1636.0	291.5	100	408.9
	WY 2009	9354							3820.2		
	Oct 2009	482	7.8	1113.50	12736	100	465.79	1292.4	197.8	79	410.6
	Nov 2009	518	8.7	1114.26	12808	72	467.46	1423.3	209.1	87	403.3
	Dec 2009	574	9.3	1116.56	13028	220	467.88	1357.9	234.5	83	408.7
	Jan 2010	660	10.7	1118.71	13234	207	468.53	1210.6	272.5	74	413.0

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Davis Dam - Lake Mohave

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Davis Static Head Feet	Davis Generator Capacity MW	Davis Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Feb 2007	649	11.7	640.75	1638	-18	0.00	204.0	81.2	80	125.2
H	Mar 2007	895	14.6	642.49	1685	47	0.00	212.0	112.7	83	126.0
I	Apr 2007	1001	16.8	644.58	1742	57	0.00	255.0	125.6	100	125.5
S	May 2007	996	16.2	644.29	1734	-8	0.00	255.0	126.4	100	126.9
T	Jun 2007	965	16.2	642.79	1693	-41	0.00	255.0	122.2	100	126.6
O	Jul 2007	916	14.9	642.89	1696	3	0.00	242.0	114.9	95	125.5
R	Aug 2007	786	12.8	642.45	1684	-12	0.00	255.0	99.2	100	126.3
I	Sep 2007	777	13.0	637.26	1545	-139	0.00	240.0	95.9	94	123.5
	WY 2007	9241							1148.3		
C	Oct 2007	635	10.3	634.21	1465	-79	0.00	201.0	76.0	79	119.8
A	Nov 2007	516	8.7	635.89	1509	43	0.00	171.0	61.8	67	119.8
L	Dec 2007	396	6.4	638.03	1565	56	0.00	181.0	48.9	71	123.4
*	Jan 2008	547	8.9	641.68	1663	98	0.00	158.0	67.9	62	124.1
	Feb 2008	584	10.1	642.00	1671	9	136.65	191.2	73.5	75	125.9
	Mar 2008	888	14.4	643.00	1699	27	136.28	226.9	110.9	89	125.0
	Apr 2008	1028	17.3	643.01	1699	0	136.05	255.0	128.0	100	124.6
	May 2008	1010	16.4	643.01	1699	0	136.05	255.0	126.1	100	124.8
	Jun 2008	945	15.9	642.00	1671	-28	135.52	255.0	117.7	100	124.6
	Jul 2008	891	14.5	641.50	1658	-14	134.73	255.0	110.7	100	124.3
	Aug 2008	794	12.9	641.50	1658	0	134.46	255.0	98.9	100	124.6
	Sep 2008	783	13.2	638.00	1564	-94	132.63	255.0	96.3	100	122.9
	WY 2008	9015							1116.8		
	Oct 2008	603	9.8	633.00	1434	-130	128.15	255.0	72.6	100	120.3
	Nov 2008	501	8.4	634.00	1460	26	126.25	247.4	59.6	97	119.0
	Dec 2008	406	6.6	638.71	1583	123	129.99	221.9	49.6	87	122.3
	Jan 2009	573	9.3	641.80	1666	83	136.05	160.6	71.5	63	124.8
	Feb 2009	594	10.7	641.80	1666	0	136.62	191.2	74.6	75	125.6
	Mar 2009	872	14.2	643.05	1700	34	136.20	226.9	109.0	89	125.0
	Apr 2009	1015	17.1	643.01	1699	-1	136.08	255.0	126.5	100	124.7
	May 2009	1033	16.8	643.01	1699	0	136.05	255.0	128.8	100	124.7
	Jun 2009	1003	16.8	642.00	1671	-28	135.52	255.0	124.6	100	124.3
	Jul 2009	921	15.0	641.50	1658	-14	134.73	255.0	114.3	100	124.2
	Aug 2009	793	12.9	641.50	1658	0	134.46	255.0	98.8	100	124.6
	Sep 2009	789	13.3	638.00	1564	-94	132.63	255.0	96.9	100	122.9
	WY 2009	9101							1126.9		
	Oct 2009	610	9.9	633.00	1434	-130	128.15	255.0	73.3	100	120.3
	Nov 2009	477	8.0	634.00	1460	26	126.25	247.4	56.9	97	119.2
	Dec 2009	432	7.0	638.71	1583	123	129.99	221.9	52.8	87	122.2
	Jan 2010	561	9.1	641.80	1666	83	136.05	160.6	70.0	63	124.8

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Parker Dam - Lake Havasu

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Parker Static Head Feet	Parker Generator Capacity MW	Parker Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Feb 2007	472	8.5	445.97	542	-32	0.00	108.0	31.4	90	66.6
H	Mar 2007	684	11.1	447.06	562	20	0.00	109.0	45.5	91	66.6
I	Apr 2007	751	12.6	447.53	571	9	0.00	120.0	49.3	100	65.6
S	May 2007	721	11.7	448.56	591	20	0.00	120.0	48.2	100	66.9
T	Jun 2007	721	12.1	448.30	586	-5	0.00	120.0	48.5	100	67.2
O	Jul 2007	749	12.2	448.35	587	1	0.00	120.0	50.1	100	66.9
R	Aug 2007	634	10.3	448.28	585	-1	0.00	120.0	43.0	100	67.8
I	Sep 2007	555	9.3	447.77	576	-10	0.00	95.0	37.8	79	68.3
	WY 2007	6804							455.2		
C	Oct 2007	455	7.4	447.28	566	-9	0.00	90.0	31.5	75	69.3
A	Nov 2007	336	5.6	447.65	573	7	0.00	79.0	23.0	66	68.7
L	Dec 2007	270	4.4	446.77	557	-16	0.00	79.0	17.9	66	66.5
*	Jan 2008	306	5.0	446.67	555	-2	0.00	85.0	20.3	71	66.5
	Feb 2008	394	6.8	446.50	552	-3	75.40	90.0	25.6	75	65.0
	Mar 2008	697	11.3	447.00	561	9	74.16	120.0	45.3	100	65.0
	Apr 2008	765	12.9	448.71	594	32	75.23	120.0	50.6	100	66.1
	May 2008	725	11.8	448.71	594	0	76.06	120.0	48.3	100	66.6
	Jun 2008	674	11.3	448.71	594	0	76.06	120.0	44.8	100	66.5
	Jul 2008	727	11.8	448.00	580	-14	75.72	120.0	48.2	100	66.3
	Aug 2008	627	10.2	447.50	570	-10	75.13	120.0	41.1	100	65.5
	Sep 2008	563	9.5	446.81	557	-13	74.55	120.0	36.6	100	65.0
	WY 2008	6539							433.3		
	Oct 2008	472	7.7	446.31	548	-9	74.43	109.2	30.4	91	64.5
	Nov 2008	381	6.4	446.50	552	4	74.29	109.2	24.3	91	63.8
	Dec 2008	320	5.2	446.50	552	0	74.38	109.2	20.2	91	63.1
	Jan 2009	350	5.7	446.50	552	0	75.92	79.2	22.7	66	64.8
	Feb 2009	386	7.0	446.50	552	0	75.32	90.0	25.1	75	65.0
	Mar 2009	699	11.4	446.70	555	4	74.01	120.0	45.4	100	64.9
	Apr 2009	758	12.7	448.71	594	38	75.09	120.0	50.0	100	65.9
	May 2009	737	12.0	448.71	594	0	76.06	120.0	49.1	100	66.6
	Jun 2009	741	12.5	448.71	594	0	76.06	120.0	49.4	100	66.7
	Jul 2009	744	12.1	448.00	580	-14	75.72	120.0	49.3	100	66.3
	Aug 2009	611	9.9	447.50	570	-10	75.13	120.0	40.0	100	65.5
	Sep 2009	549	9.2	446.81	557	-13	74.55	120.0	35.6	100	64.9
	WY 2009	6748							441.5		
	Oct 2009	465	7.6	446.31	548	-9	74.43	109.2	29.9	91	64.4
	Nov 2009	373	6.3	446.50	552	4	74.29	109.2	23.8	91	63.8
	Dec 2009	304	4.9	446.50	552	0	75.92	79.2	19.5	66	64.2
	Jan 2010	350	5.7	446.50	552	0	75.32	90.0	22.5	75	64.3

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Upper Basin Power

	Glen Canyon 1000 MWHR	Flam Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Res 1000 MWHR	Font Res 1000 MWHR
* Feb 2007	251	25	14	18	4	3
H Mar 2007	249	20	10	12	7	3
Winter 2007	1682	139	109	134	69	22
I Apr 2007	250	18	11	17	11	3
S May 2007	254	52	11	19	15	3
T Jun 2007	343	26	13	18	15	3
O Jul 2007	343	21	29	33	19	4
R Aug 2007	340	20	32	36	20	3
I Sep 2007	253	19	34	39	20	2
Summer 2007	1782	156	130	162	100	18
C Oct 2007	251	19	24	30	17	2
A Nov 2007	252	19	18	22	12	2
L Dec 2007	334	15	19	22	13	3
* Jan 2008	330	19	25	31	15	2
Feb 2008	233	17	27	36	15	3
Mar 2008	233	18	32	43	22	3
Winter 2008	1633	107	144	184	94	15
Apr 2008	236	17	37	55	22	3
May 2008	321	48	45	73	23	6
Jun 2008	332	63	46	68	22	9
Jul 2008	386	31	30	39	23	10
Aug 2008	387	31	37	44	23	9
Sep 2008	294	30	35	42	22	6
Summer 2008	1956	220	230	322	136	42
Oct 2008	254	31	28	34	17	6
Nov 2008	254	30	18	22	12	6
Dec 2008	338	31	22	27	14	6
Jan 2009	336	31	21	27	14	5
Feb 2009	251	28	17	23	12	5
Mar 2009	251	31	17	23	13	5
Winter 2009	1684	181	123	156	81	33
Apr 2009	356	30	20	30	16	5
May 2009	420	52	19	32	21	7
Jun 2009	470	86	20	31	22	9
Jul 2009	499	39	34	41	23	10
Aug 2009	497	39	38	45	23	10
Sep 2009	342	38	33	39	20	6
Summer 2009	2583	283	164	219	126	45
Oct 2009	256	39	25	31	16	7
Nov 2009	255	38	16	20	10	6
Dec 2009	340	39	21	26	13	6
Jan 2010	338	39	21	27	14	5

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model_run_id = 1805

F L O O D C O N T R O L C R I T E R I A
B E G I N N I N G O F M O N T H C O N D I T I O N S

MON	YEAR	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	LAKE POWELL KAF	UPPER BASIN TOTAL KAF	LAKE MEAD KAF	TOTAL KAF	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	TOT OR MAX ALLOW KAF	LAKE POWELL KAF	LAKE MEAD KAF	TOTAL KAF	BOM SPACE REQD KAF	MEAD SCHED REL KAF	MEAD FC REL KAF	SYS CONT MAF
		* * * * P R E D I C T E D S P A C E * * * *							* * * * E F F E C T I V E S P A C E * * * *									
FEB	2008	946	309	240	13440	14935	14363	29298	410	303	240	954	13440	14363	28756	1500	607	0	31.4
MAR	2008	964	379	328	13403	15073	14298	29371	427	373	328	1127	13403	14298	28828	1500	940	0	31.3
APR	2008	942	453	369	13144	14908	14584	29493	401	447	369	1217	13144	14584	28945	1500	1058	0	31.7
MAY	2008	886	491	290	12472	14139	15006	29145	338	491	290	1119	12472	15006	28598	1500	1043	0	33.2
JUN	2008	810	342	149	11082	12382	15252	27634	253	336	136	725	11082	15252	27059	1500	944	0	35.5
JUL	2008	668	116	123	8991	9897	15459	25356	97	84	64	244	8991	15459	24694	1500	902	0	36.1
												* * * * C R E D I T A B L E S P A C E * * * *							
AUG	2008	588	27	110	8477	9203	15498	24701	588	27	110	726	8477	15498	24701	1500	818	0	35.9
SEP	2008	602	57	107	8709	9475	15405	24880	602	57	107	766	8709	15405	24880	2270	707	0	35.5
OCT	2008	641	121	89	8838	9689	15436	25125	641	121	89	851	8838	15436	25125	3040	475	0	35.4
NOV	2008	674	172	80	8890	9815	15328	25144	674	172	80	926	8890	15328	25144	3810	542	0	35.3
DEC	2008	708	201	82	8940	9931	15276	25207	708	201	82	991	8940	15276	25207	4580	547	0	35.3
JAN	2009	758	248	90	9227	10323	15030	25353	758	248	90	1096	9227	15030	25353	5350	676	0	35.2
												* * * * E F F E C T I V E S P A C E * * * *							
JAN	2009	758	248	90	9227	10323	15030	25353	404	248	90	742	9227	15030	24999	5350	676	0	35.2
FEB	2009	804	296	100	9538	10739	14839	25578	448	296	100	844	9538	14839	25222	1500	608	0	35.0
MAR	2009	838	334	98	9686	10956	14780	25735	479	334	98	911	9686	14780	25377	1500	931	0	34.8
APR	2009	823	360	70	9708	10961	15058	26019	460	360	70	890	9708	15058	25655	1500	1043	0	34.7
MAY	2009	770	358	60	9720	10908	15231	26139	400	358	60	817	9720	15231	25769	1500	1066	0	35.6
JUN	2009	660	220	54	8970	9904	15311	25214	279	217	32	528	8970	15311	24809	1500	1002	0	37.1
JUL	2009	508	39	117	7727	8391	15291	23681	113	12	43	168	7727	15291	23186	1500	932	0	37.4
												* * * * C R E D I T A B L E S P A C E * * * *							
AUG	2009	412	27	130	7701	8270	15129	23399	412	27	130	569	7701	15129	23399	1500	818	0	37.1
SEP	2009	437	79	156	8195	8866	14807	23673	437	79	156	672	8195	14807	23673	2270	713	0	36.7
OCT	2009	493	142	162	8435	9233	14744	23977	493	142	162	798	8435	14744	23977	3040	482	0	36.5
NOV	2009	547	184	162	8476	9369	14644	24013	547	184	162	893	8476	14644	24013	3810	518	0	36.5
DEC	2009	602	204	165	8516	9487	14572	24059	602	204	165	971	8516	14572	24059	4580	574	0	36.4
JAN	2010	673	248	174	8787	9882	14352	24234	673	248	174	1095	8787	14352	24234	5350	660	0	36.3
												* * * * E F F E C T I V E S P A C E * * * *							
JAN	2010	673	248	174	8787	9882	14352	24234	338	248	174	760	8787	14352	23900	5350	660	0	36.3

To: All Annual Operating Plan Recipients

From: Lower Colorado Region
Boulder Canyon Operations Office
River Operations Group
Douglas B. Blatchford, P.E.
P.O. Box 61470
Boulder City, NV 89006-1470
Phone: 702-293-8190

The operation of Lake Powell and Lake Mead in this 24 Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines). The Interim Guidelines are available for download at http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf

The Interim Guidelines contain provisions for specific April adjustments of the release from Lake Powell and the operation reflected in this 24 Month Study is consistent with such adjustments.

The April 24 Month study projects an end of water year elevation at Lake Powell of 3639.81 feet, with an annual release volume of 8.23 million acre-feet, which is above the equalization level for 2008 of 3636 feet. In accordance with Section 6.B.3 of the Interim Guidelines, the operation of Glen Canyon Dam will be governed by Section 6.A (Equalization Tier) for the remainder of Water Year 2008. Under the Equalization Tier, it is likely that the annual release from Glen Canyon Dam for Water Year 2008 will be greater than 8.23 million acre-feet. The April 24 Month Study projects the annual release to be 8.88 million acre-feet; however, the projected annual release will be updated each month throughout the remainder of the Water Year to achieve the operation specified in Section 6.A.1.

In this study, the Calendar Year (CY) 2008 diversion for Metropolitan Water District of Southern California (MWD) is forecasted to be 0.798 million acre-feet (maf). The CY 2008 diversion for the Central Arizona Project (CAP) is forecasted to be 1.556 maf. Consumptive use for Nevada above Hoover is forecasted to be 0.282 maf for CY 2008.

Due to declining Lake Mead elevations, Hoover’s generator capacity is adjusted based on estimated effective capacity and plant availability. The estimated effective capacity is based on projected Lake Mead elevations. Unit capacity tests will be performed as the lake elevation changes in 2' increments. This study reflects these changes in the projections.

Current runoff projections into Lake Powell are provided by the National Weather Service’s Colorado Basin River Forecast Center and are as follows: observed unregulated inflow into Lake Powell for the month of March, 2008 was 0.589 maf or 89% of the 30 year average. The forecast for April, 2008 unregulated inflow into Lake Powell is 1.400 maf or 142% of the 30 year average. The forecast for the April through July unregulated inflow period is projected to be 9.7 maf or 122% of average.

Hoover, Davis, and Parker historical gross energy figures come from PO&M reports provided by the Power and O&M Group, Boulder Canyon Operations, Bureau of Reclamation, Boulder City, Nevada. Questions regarding these historical energy numbers can be directed to Larry Karr at (702) 293-8094.

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T E M R E S E R V O I R S

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Fontenelle Reservoir

		Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Apr 2007	49	1	51	0	51	6472.62	131
H	May 2007	109	1	49	0	49	6483.80	189
I	Jun 2007	89	2	48	0	48	6489.96	228
S	Jul 2007	46	2	50	0	50	6489.09	222
T	Aug 2007	35	2	50	0	50	6486.48	205
O	Sep 2007	25	1	27	16	43	6483.42	186
	WY 2007	578	14	602	16	618		
R	Oct 2007	33	1	37	6	44	6481.38	175
I	Nov 2007	32	1	41	2	42	6479.48	164
C	Dec 2007	27	1	43	0	44	6476.19	147
A	Jan 2008	24	0	43	0	43	6472.00	128
L	Feb 2008	25	0	40	1	41	6468.13	111
*	Mar 2008	32	0	43	0	43	6465.20	100
	Apr 2008	85	1	48	0	48	6473.81	136
	May 2008	180	1	101	6	107	6486.80	207
	Jun 2008	280	2	104	78	181	6500.59	303
	Jul 2008	160	3	100	16	117	6505.80	344
	Aug 2008	75	2	80	0	80	6504.90	337
	Sep 2008	46	2	58	19	77	6500.67	304
	WY 2008	1000	15	739	128	868		
	Oct 2008	49	1	80	0	80	6496.26	271
	Nov 2008	41	1	68	0	68	6492.35	244
	Dec 2008	32	1	69	0	69	6486.65	206
	Jan 2009	30	1	69	0	69	6479.95	166
	Feb 2009	27	0	62	0	62	6472.69	131
	Mar 2009	51	0	69	0	69	6468.49	113
	Apr 2009	89	1	86	0	86	6468.96	115
	May 2009	176	1	98	18	116	6481.19	174
	Jun 2009	308	2	103	75	178	6500.37	302
	Jul 2009	186	3	100	39	140	6505.94	345
	Aug 2009	83	2	99	1	100	6503.46	325
	Sep 2009	49	2	59	13	71	6500.26	301
	WY 2009	1120	15	962	146	1108		
	Oct 2009	49	1	74	0	74	6496.68	274
	Nov 2009	41	1	71	0	71	6492.26	243
	Dec 2009	32	1	74	0	74	6485.78	201
	Jan 2010	30	1	66	0	66	6479.48	164
	Feb 2010	27	0	59	0	59	6472.76	131
	Mar 2010	51	0	66	0	66	6469.30	116

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Flaming Gorge Reservoir

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Yampa Flow 1000 Ac-Ft	Jensen Flow 1000 Ac-Ft
*	Apr 2007	73	75	5	50	0	50	90	6025.71	3187	0	263
H	May 2007	164	106	8	138	0	138	89	6024.67	3148	0	525
I	Jun 2007	90	49	10	69	0	69	88	6023.89	3119	0	227
S	Jul 2007	42	45	13	55	0	55	87	6023.31	3098	0	81
T	Aug 2007	32	46	12	51	0	51	86	6022.87	3082	0	66
O	Sep 2007	23	40	10	49	0	49	85	6022.35	3063	0	72
	WY 2007	744	784	77	777	0	777					2764
R	Oct 2007	35	46	7	49	1	50	85	6022.07	3053	0	95
I	Nov 2007	33	42	3	49	0	49	85	6021.81	3044	0	83
C	Dec 2007	21	37	2	41	9	50	84	6021.40	3029	0	83
A	Jan 2008	24	43	2	50	0	50	84	6021.15	3020	0	0
L	Feb 2008	33	49	2	47	0	47	84	6021.15	3020	0	327
*	Mar 2008	59	70	3	50	0	50	84	6021.55	3035	0	141
	Apr 2008	145	108	5	48	0	48	86	6023.05	3089	0	48
	May 2008	275	202	8	110	0	110	89	6025.30	3171	0	110
	Jun 2008	330	231	10	208	0	208	89	6025.65	3184	0	208
	Jul 2008	140	97	13	83	0	83	89	6025.66	3185	0	83
	Aug 2008	73	78	12	83	0	83	89	6025.22	3168	0	83
	Sep 2008	51	82	11	80	0	80	88	6024.99	3160	0	80
	WY 2008	1219	1087	78	899	10	908					1341
	Oct 2008	59	91	7	83	0	83	88	6025.00	3160	0	83
	Nov 2008	51	78	3	80	0	80	88	6024.86	3155	0	80
	Dec 2008	37	74	2	83	0	83	88	6024.57	3144	0	83
	Jan 2009	41	80	2	83	0	83	88	6024.44	3140	0	83
	Feb 2009	45	80	2	75	0	75	88	6024.53	3143	0	75
	Mar 2009	103	121	3	83	0	83	89	6025.45	3177	0	83
	Apr 2009	142	140	5	80	0	80	91	6026.86	3230	0	80
	May 2009	263	203	8	121	0	121	93	6028.77	3302	0	121
	Jun 2009	400	269	10	257	0	257	93	6028.82	3304	0	257
	Jul 2009	219	173	14	106	0	106	95	6030.16	3355	0	106
	Aug 2009	97	114	13	106	0	106	95	6030.04	3351	0	106
	Sep 2009	58	81	11	103	0	103	94	6029.22	3319	0	103
	WY 2009	1516	1504	80	1260	0	1260					1260
	Oct 2009	59	85	7	106	0	106	93	6028.49	3291	0	106
	Nov 2009	51	82	3	103	0	103	92	6027.87	3267	0	103
	Dec 2009	37	79	2	106	0	106	91	6027.12	3239	0	106
	Jan 2010	41	77	2	106	0	106	90	6026.32	3209	0	106
	Feb 2010	45	78	2	96	0	96	89	6025.80	3190	0	96
	Mar 2010	103	118	3	106	0	106	90	6026.03	3198	0	106

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Taylor Park Reservoir

		Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Apr 2007	8	5	9317.64	83
H	May 2007	27	11	9325.94	98
I	Jun 2007	27	23	9327.98	102
S	Jul 2007	15	25	9322.65	92
T	Aug 2007	10	18	9318.20	84
O	Sep 2007	8	14	9314.67	78
	WY 2007	130	125		
R	Oct 2007	7	7	9314.68	78
I	Nov 2007	4	4	9314.68	78
C	Dec 2007	5	5	9314.89	78
A	Jan 2008	5	4	9315.09	78
L	Feb 2008	4	4	9314.99	78
*	Mar 2008	4	7	9313.24	75
	Apr 2008	12	26	9304.23	61
	May 2008	44	38	9308.36	67
	Jun 2008	70	38	9326.76	100
	Jul 2008	13	24	9321.21	89
	Aug 2008	8	20	9314.27	77
	Sep 2008	6	12	9310.73	71
	WY 2008	183	189		
	Oct 2008	6	10	9308.25	67
	Nov 2008	5	6	9307.53	66
	Dec 2008	4	4	9307.81	66
	Jan 2009	4	4	9307.92	67
	Feb 2009	4	4	9307.74	66
	Mar 2009	4	5	9307.25	66
	Apr 2009	8	8	9307.47	66
	May 2009	27	16	9314.40	77
	Jun 2009	43	20	9326.90	100
	Jul 2009	20	20	9327.11	100
	Aug 2009	10	20	9321.91	90
	Sep 2009	7	14	9318.04	83
	WY 2009	143	131		
	Oct 2009	6	12	9314.63	78
	Nov 2009	5	6	9313.97	76
	Dec 2009	4	5	9313.63	76
	Jan 2010	4	5	9313.14	75
	Feb 2010	4	5	9312.47	74
	Mar 2010	4	5	9312.01	73

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Blue Mesa Reservoir

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Apr 2007	67	64	1	43	0	43	7483.72	533
H	May 2007	189	174	1	41	0	41	7500.42	665
I	Jun 2007	174	169	1	47	0	47	7514.60	786
S	Jul 2007	81	91	2	99	0	99	7513.48	776
T	Aug 2007	75	83	1	109	0	109	7510.40	749
O	Sep 2007	50	56	1	117	0	117	7503.06	687
	WY 2007	895	889	9	861	0	861		
R	Oct 2007	48	48	1	85	0	85	7498.53	649
I	Nov 2007	31	31	0	65	0	65	7494.31	615
C	Dec 2007	33	33	0	67	0	67	7489.90	581
A	Jan 2008	33	33	0	93	0	93	7481.92	520
L	Feb 2008	31	31	0	97	0	97	7472.73	454
*	Mar 2008	36	39	0	53	0	53	7470.50	439
	Apr 2008	105	119	1	175	0	175	7461.83	383
	May 2008	345	339	1	160	0	160	7487.30	560
	Jun 2008	445	413	1	162	0	162	7517.19	810
	Jul 2008	165	176	2	175	0	175	7517.08	809
	Aug 2008	77	89	1	103	0	103	7515.39	793
	Sep 2008	41	47	1	114	0	114	7507.57	725
	WY 2008	1390	1397	9	1350	0	1350		
	Oct 2008	35	39	1	95	0	95	7500.85	668
	Nov 2008	31	32	0	65	0	65	7496.74	635
	Dec 2008	25	25	0	78	0	78	7489.99	581
	Jan 2009	24	24	0	73	0	73	7483.52	532
	Feb 2009	22	22	0	65	0	65	7477.63	489
	Mar 2009	34	35	0	74	0	74	7472.01	449
	Apr 2009	73	73	1	66	0	66	7472.92	456
	May 2009	212	201	1	56	0	56	7492.33	600
	Jun 2009	271	248	1	60	0	60	7514.61	786
	Jul 2009	121	120	2	108	0	108	7515.75	797
	Aug 2009	62	72	1	116	0	116	7510.60	751
	Sep 2009	36	43	1	106	0	106	7503.14	687
	WY 2009	946	933	9	962	0	962		
	Oct 2009	35	41	1	82	0	82	7498.10	646
	Nov 2009	31	32	0	52	0	52	7495.56	625
	Dec 2009	25	26	0	75	0	75	7489.24	575
	Jan 2010	24	25	0	73	0	73	7482.87	527
	Feb 2010	22	23	0	60	0	60	7477.78	490
	Mar 2010	34	35	0	61	0	61	7474.04	463

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Morrow Point Reservoir

		Unreg Inflow 1000 Ac-Ft	Blue_Mesa Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Evap losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Apr 2007	73	43	6	49	0	50	0	50	7153.49	112
H	May 2007	202	41	13	54	0	53	0	53	7154.94	113
I	Jun 2007	179	47	4	51	0	52	0	52	7153.84	112
S	Jul 2007	73	99	-7	92	0	92	0	92	7153.52	112
T	Aug 2007	67	109	-8	101	0	100	0	100	7154.39	113
O	Sep 2007	41	117	-8	109	0	107	0	107	7156.75	114
	WY 2007	883	861	-12	848	1	839	0	839		
R	Oct 2007	43	85	-5	80	0	85	0	85	7150.81	110
I	Nov 2007	28	65	-3	62	0	63	0	63	7149.32	109
C	Dec 2007	31	67	-3	65	0	62	0	62	7152.91	111
A	Jan 2008	29	93	-4	89	0	87	0	87	7156.26	114
L	Feb 2008	26	97	-5	92	0	99	0	99	7146.95	107
*	Mar 2008	34	53	-2	52	0	45	0	45	7155.12	113
	Apr 2008	121	175	16	191	0	192	0	192	7153.73	112
	May 2008	386	160	41	201	0	201	0	201	7153.73	112
	Jun 2008	479	162	34	196	0	196	0	196	7153.73	112
	Jul 2008	174	175	9	184	0	184	0	184	7153.73	112
	Aug 2008	81	103	4	107	0	107	0	107	7153.73	112
	Sep 2008	44	114	3	117	0	117	0	117	7153.73	112
	WY 2008	1476	1350	86	1436	0	1438	0	1438		
	Oct 2008	38	95	3	98	0	98	0	98	7153.73	112
	Nov 2008	33	65	2	67	0	67	0	67	7153.73	112
	Dec 2008	27	78	2	80	0	80	0	80	7153.73	112
	Jan 2009	26	73	2	75	0	75	0	75	7153.73	112
	Feb 2009	25	65	3	68	0	68	0	68	7153.73	112
	Mar 2009	38	74	4	78	0	78	0	78	7153.73	112
	Apr 2009	84	66	11	77	0	77	0	77	7153.73	112
	May 2009	237	56	25	81	0	81	0	81	7153.73	112
	Jun 2009	292	60	21	81	0	81	0	81	7153.73	112
	Jul 2009	127	108	7	115	0	115	0	115	7153.73	112
	Aug 2009	65	116	4	120	0	120	0	120	7153.73	112
	Sep 2009	39	106	3	109	0	109	0	109	7153.73	112
	WY 2009	1032	962	86	1049	0	1049	0	1049		
	Oct 2009	38	82	3	85	0	85	0	85	7153.73	112
	Nov 2009	33	52	2	54	0	54	0	54	7153.73	112
	Dec 2009	27	75	2	77	0	77	0	77	7153.73	112
	Jan 2010	26	73	2	75	0	75	0	75	7153.73	112
	Feb 2010	25	60	3	63	0	63	0	63	7153.73	112
	Mar 2010	38	61	4	65	0	65	0	65	7153.73	112

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Crystal Reservoir

	unreg Inflow 1000 Ac-Ft	Morrow Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Tunnel Flow 1000 Ac-Ft	Below_tunnel Flow 1000 Ac-Ft
* Apr 2007	84	50	11	61	57	0	57	6751.74	17	31	29
H May 2007	228	53	25	78	78	0	78	6751.27	16	53	29
I Jun 2007	200	52	21	73	74	0	74	6745.12	15	51	28
S Jul 2007	80	92	7	99	98	0	98	6748.50	16	66	37
T Aug 2007	74	100	7	107	108	0	108	6744.63	15	63	51
O Sep 2007	46	107	5	112	112	0	112	6746.25	15	56	62
WY 2007	991	839	108	947	907	39	946			363	633
R Oct 2007	48	85	5	90	90	0	90	6745.51	15	38	54
I Nov 2007	32	63	4	67	66	0	66	6748.78	16	1	70
C Dec 2007	35	62	5	67	68	0	68	6742.95	14	1	73
A Jan 2008	34	87	5	91	77	13	90	6748.45	16	1	94
L Feb 2008	30	99	4	103	72	31	103	6749.17	16	1	108
* Mar 2008	41	45	6	52	52	0	52	6749.59	16	1	54
Apr 2008	135	192	14	206	131	74	205	6753.04	17	30	175
May 2008	440	201	54	255	134	121	255	6753.04	17	55	200
Jun 2008	530	196	51	247	130	117	247	6753.04	17	60	187
Jul 2008	245	184	71	255	134	121	255	6753.04	17	65	190
Aug 2008	108	107	27	134	134	0	134	6753.04	17	65	69
Sep 2008	56	117	12	129	129	0	129	6753.04	17	55	74
WY 2008	1734	1438	258	1696	1217	477	1694			373	1348
Oct 2008	44	98	7	104	104	0	104	6753.04	17	30	74
Nov 2008	38	67	5	72	72	0	72	6753.04	17	0	72
Dec 2008	32	80	5	85	85	0	85	6753.04	17	0	85
Jan 2009	31	75	5	80	80	0	80	6753.04	17	0	80
Feb 2009	29	68	4	72	72	0	72	6753.04	17	0	72
Mar 2009	46	78	7	85	85	0	85	6753.04	17	5	80
Apr 2009	96	77	12	89	89	0	89	6753.04	17	30	59
May 2009	272	81	35	116	116	0	116	6753.04	17	55	61
Jun 2009	330	81	38	119	119	0	119	6753.04	17	60	59
Jul 2009	144	115	17	132	132	0	132	6753.04	17	65	67
Aug 2009	74	120	8	128	128	0	128	6753.04	17	65	63
Sep 2009	45	109	6	115	115	0	115	6753.04	17	55	60
WY 2009	1183	1049	151	1200	1200	0	1200			365	835
Oct 2009	44	85	7	91	91	0	91	6753.04	17	30	61
Nov 2009	38	54	5	59	59	0	59	6753.04	17	0	59
Dec 2009	32	77	5	82	82	0	82	6753.04	17	0	82
Jan 2010	31	75	5	80	80	0	80	6753.04	17	0	80
Feb 2010	29	63	4	67	67	0	67	6753.04	17	0	67
Mar 2010	46	65	7	72	72	0	72	6753.04	17	5	67

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Vallecito Reservoir

		Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Apr 2007	22	5	7656.47	103
H	May 2007	68	45	7664.82	125
I	Jun 2007	67	68	7664.36	124
S	Jul 2007	23	41	7657.48	106
T	Aug 2007	27	34	7654.84	99
O	Sep 2007	18	34	7648.41	83
	WY 2007	330	327		
R	Oct 2007	15	31	7641.28	67
I	Nov 2007	7	4	7642.40	69
C	Dec 2007	8	3	7644.42	74
A	Jan 2008	6	4	7645.29	76
L	Feb 2008	6	17	7640.08	65
*	Mar 2008	11	36	7626.73	39
	Apr 2008	30	34	7624.08	35
	May 2008	95	51	7646.68	79
	Jun 2008	100	53	7664.99	125
	Jul 2008	30	43	7659.87	112
	Aug 2008	19	42	7650.48	88
	Sep 2008	17	35	7642.56	70
	WY 2008	344	354		
	Oct 2008	13	12	7642.89	71
	Nov 2008	8	4	7644.72	75
	Dec 2008	6	4	7645.55	77
	Jan 2009	5	5	7645.81	77
	Feb 2009	5	5	7645.60	77
	Mar 2009	8	5	7646.84	80
	Apr 2009	22	12	7650.93	89
	May 2009	69	51	7658.30	108
	Jun 2009	78	60	7664.73	125
	Jul 2009	31	43	7659.94	112
	Aug 2009	19	40	7651.53	91
	Sep 2009	17	30	7645.98	78
	WY 2009	281	270		
	Oct 2009	13	15	7644.98	75
	Nov 2009	8	4	7646.77	79
	Dec 2009	6	4	7647.58	81
	Jan 2010	5	5	7647.61	81
	Feb 2010	5	5	7647.62	81
	Mar 2010	8	5	7648.83	84

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Navajo Reservoir

		Mod_Unreg Inflow 1000 Ac-Ft	Azetea Tunnel_Div 1000 Ac-Ft	Reg Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	NIIP Diversion 1000 ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Farm Flow 1000 Ac-Ft
*	Apr 2007	121	18	87	3	20	44	6079.81	1622	90
H	May 2007	258	34	200	4	25	212	6077.03	1581	257
I	Jun 2007	182	27	154	5	37	73	6079.68	1620	169
S	Jul 2007	33	4	46	5	38	46	6076.77	1577	81
T	Aug 2007	61	7	59	4	33	48	6074.98	1551	82
O	Sep 2007	27	2	41	3	23	56	6072.10	1510	80
	WY 2007	1097	119	974	31	192	660			1160
R	Oct 2007	41	0	57	2	10	46	6072.01	1509	79
I	Nov 2007	19	0	17	1	1	43	6070.07	1482	57
C	Dec 2007	46	0	40	1	0	42	6069.89	1479	67
A	Jan 2008	26	0	24	1	0	47	6068.19	1456	69
L	Feb 2008	38	0	48	1	0	122	6062.59	1381	160
*	Mar 2008	147	6	167	2	6	219	6057.91	1321	283
	Apr 2008	330	20	314	3	15	150	6069.08	1468	150
	May 2008	450	49	357	4	28	211	6077.13	1582	211
	Jun 2008	360	58	255	5	42	253	6074.04	1537	253
	Jul 2008	80	31	62	5	45	47	6071.55	1502	47
	Aug 2008	46	5	63	4	38	46	6069.78	1478	46
	Sep 2008	44	0	61	3	22	45	6069.20	1469	45
	WY 2008	1625	170	1466	30	207	1269			1466
	Oct 2008	38	0	37	2	7	46	6067.88	1451	46
	Nov 2008	33	0	29	1	0	45	6066.63	1435	45
	Dec 2008	24	0	22	1	0	46	6064.79	1410	46
	Jan 2009	22	0	21	1	0	31	6064.02	1400	31
	Feb 2009	30	0	31	1	0	28	6064.17	1402	28
	Mar 2009	88	4	81	2	4	31	6067.52	1447	31
	Apr 2009	174	13	151	3	17	30	6074.75	1548	30
	May 2009	279	0	259	4	31	121	6081.74	1651	121
	Jun 2009	246	40	189	5	47	182	6078.71	1605	182
	Jul 2009	74	13	73	5	51	31	6077.81	1592	31
	Aug 2009	43	13	51	4	42	31	6076.02	1566	31
	Sep 2009	42	4	51	3	24	30	6075.60	1560	30
	WY 2009	1094	86	996	31	223	651			651
	Oct 2009	38	0	40	2	7	31	6075.60	1560	31
	Nov 2009	33	0	29	1	0	30	6075.44	1558	30
	Dec 2009	24	0	22	1	0	31	6074.77	1548	31
	Jan 2010	22	0	22	1	0	31	6074.10	1538	31
	Feb 2010	30	0	30	1	0	28	6074.20	1540	28
	Mar 2010	88	4	81	2	4	31	6077.27	1584	31

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Lake Powell

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	PowerPlant Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Bank Storage 1000 Ac-Ft	EOM Storage 1000 Ac-Ft	Lees Ferry 1000 Ac-Ft
*	Apr 2007	802	701	24	600	0	600	3600.35	18374	11784	604
H	May 2007	1577	1441	29	601	0	601	3609.61	18276	12691	606
I	Jun 2007	1308	1072	47	801	0	801	3611.50	18309	12882	811
S	Jul 2007	365	453	56	804	0	804	3607.35	18318	12465	819
T	Aug 2007	378	437	54	804	0	804	3603.58	18266	12095	818
O	Sep 2007	296	454	49	604	0	604	3601.87	18232	11929	617
	WY 2007	8231	8080	388	8230	0	8231				8397
R	Oct 2007	467	540	34	601	0	601	3600.62	18258	11809	611
I	Nov 2007	397	470	32	603	0	603	3598.63	18281	11620	616
C	Dec 2007	398	455	25	803	0	803	3594.64	18282	11246	815
A	Jan 2008	336	440	8	801	0	801	3590.66	18278	10880	813
L	Feb 2008	412	568	8	602	0	602	3590.66	18236	10880	613
*	Mar 2008	589	717	14	737	93	830	3589.77	18189	10800	847
	Apr 2008	1400	1228	24	680	0	680	3595.06	18228	11284	680
	May 2008	3200	2687	35	755	0	755	3613.06	18369	13041	755
	Jun 2008	3700	3288	45	780	0	780	3634.14	18551	15322	780
	Jul 2008	1400	1396	54	840	0	840	3638.16	18588	15787	840
	Aug 2008	581	661	56	840	0	840	3636.30	18571	15570	840
	Sep 2008	466	591	48	748	0	748	3634.65	18556	15380	748
	WY 2008	13346	13040	383	8790	93	8883				8958
	Oct 2008	506	605	43	600	0	600	3634.35	18553	15345	600
	Nov 2008	523	598	36	600	0	600	3634.04	18550	15311	600
	Dec 2008	418	539	30	800	0	800	3631.68	18529	15041	800
	Jan 2009	384	484	22	800	0	800	3628.89	18504	14729	800
	Feb 2009	395	465	21	600	0	600	3627.59	18492	14584	600
	Mar 2009	628	598	26	600	0	600	3627.35	18490	14559	600
	Apr 2009	952	769	29	800	0	800	3626.85	18486	14503	800
	May 2009	2161	1736	40	975	0	975	3632.82	18539	15171	975
	Jun 2009	2808	2478	48	1050	0	1050	3643.73	18641	16448	1050
	Jul 2009	1345	1240	56	1105	0	1105	3644.34	18647	16521	1105
	Aug 2009	566	673	57	1105	0	1105	3640.55	18611	16068	1105
	Sep 2009	459	589	49	738	0	738	3639.00	18596	15885	738
	WY 2009	11147	10775	457	9773	0	9773				9773
	Oct 2009	506	600	44	600	0	600	3638.65	18593	15845	600
	Nov 2009	523	593	37	600	0	600	3638.31	18590	15804	600
	Dec 2009	418	544	30	800	0	800	3636.03	18569	15539	800
	Jan 2010	384	507	23	800	0	800	3633.49	18545	15247	800
	Feb 2010	395	481	21	600	0	600	3632.34	18535	15117	600
	Mar 2010	628	608	26	600	0	600	3632.19	18533	15100	600

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Hoover Dam - Lake Mead

		Glen Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release CFS	SNWP Use 1000 Ac-Ft	Dwnstrm Reqmnts 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
*	Apr 2007	600	26	45	1093	18.4	24	1089	873	1120.69	13426
H	May 2007	601	17	51	1026	16.7	34	1024	843	1115.89	12963
I	Jun 2007	801	10	61	958	16.1	35	957	828	1113.50	12735
S	Jul 2007	804	67	76	950	15.5	39	949	816	1111.58	12554
T	Aug 2007	804	138	80	803	13.1	33	801	818	1111.84	12578
O	Sep 2007	604	63	66	656	11.0	24	653	813	1111.06	12505
	WY 2007	8231	677	633	9450		297	9420			
R	Oct 2007	601	32	48	570	9.3	26	564	812	1110.95	12494
I	Nov 2007	603	67	48	576	9.7	19	575	814	1111.22	12520
C	Dec 2007	803	95	42	477	7.8	17	467	836	1114.81	12860
A	Jan 2008	801	88	34	672	10.9	14	659	846	1116.46	13017
L	Feb 2008	602	147	32	659	11.5	11	658	849	1116.93	13062
*	Mar 2008	830	115	35	1025	16.7	16	1023	841	1115.65	12940
	Apr 2008	680	74	44	1149	19.3	23	1149	813	1111.08	12507
	May 2008	755	65	49	1091	17.7	33	1091	791	1107.53	12176
	Jun 2008	780	16	59	892	15.0	34	892	780	1105.60	11998
	Jul 2008	840	57	73	900	14.6	37	900	773	1104.43	11892
	Aug 2008	840	115	78	817	13.3	33	817	775	1104.70	11916
	Sep 2008	748	79	64	707	11.9	27	707	776	1105.00	11943
	WY 2008	8883	949	606	9535		290	9503			
	Oct 2008	600	68	47	471	7.7	28	471	784	1106.25	12058
	Nov 2008	600	68	47	603	10.1	16	603	784	1106.27	12060
	Dec 2008	800	61	41	543	8.8	10	543	800	1108.98	12311
	Jan 2009	800	126	34	685	11.1	13	685	812	1110.94	12494
	Feb 2009	600	116	31	660	11.9	13	660	813	1111.06	12505
	Mar 2009	600	87	35	951	15.5	16	951	794	1107.88	12209
	Apr 2009	800	74	42	1080	18.2	22	1080	777	1105.12	11955
	May 2009	975	65	48	1022	16.6	35	1022	773	1104.45	11893
	Jun 2009	1050	16	59	838	14.1	34	838	781	1105.84	12021
	Jul 2009	1105	57	74	912	14.8	33	912	790	1107.30	12155
	Aug 2009	1105	115	79	819	13.3	30	819	808	1110.25	12429
	Sep 2009	738	79	66	698	11.7	33	698	809	1110.46	12448
	WY 2009	9773	931	601	9283		282	9283			
	Oct 2009	600	68	48	453	7.4	31	453	817	1111.81	12576
	Nov 2009	600	68	48	568	9.5	23	568	819	1112.10	12603
	Dec 2009	800	61	42	583	9.5	11	583	833	1114.34	12815
	Jan 2010	800	128	34	677	11.0	13	677	845	1116.35	13007
	Feb 2010	600	78	32	679	12.2	13	679	843	1115.91	12965
	Mar 2010	600	76	35	995	16.2	16	995	820	1112.25	12617

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Davis Dam - Lake Mohave

		Hoover Release 1000 Ac-Ft	Side inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Spill Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release CFS	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
*	Apr 2007	1093	-35	1001	0	1001	16.8	644.58	1742
H	May 2007	1026	-38	996	0	996	16.2	644.29	1734
I	Jun 2007	958	-34	965	0	965	16.2	642.79	1693
S	Jul 2007	950	-32	916	0	916	14.9	642.89	1696
T	Aug 2007	803	-29	786	0	786	12.8	642.45	1684
O	Sep 2007	656	-18	777	0	777	13.0	637.26	1545
	WY 2007	9450	-249	9241	0	9241			
R	Oct 2007	570	-14	635	0	635	10.3	634.21	1465
I	Nov 2007	576	-17	516	0	516	8.7	635.89	1509
C	Dec 2007	477	-24	396	0	396	6.4	638.03	1565
A	Jan 2008	672	-27	547	0	547	8.9	641.68	1663
L	Feb 2008	659	-12	717	0	717	12.5	639.09	1593
*	Mar 2008	1025	-26	974	0	974	15.8	640.01	1618
	Apr 2008	1149	-30	1047	0	1047	17.6	642.67	1690
	May 2008	1091	-33	1035	0	1035	16.8	643.50	1712
	Jun 2008	892	-27	906	0	906	15.2	642.00	1671
	Jul 2008	900	-25	889	0	889	14.5	641.50	1658
	Aug 2008	817	-25	793	0	793	12.9	641.50	1658
	Sep 2008	707	-18	783	0	783	13.2	638.00	1564
	WY 2008	9535	-277	9238	0	9238			
	Oct 2008	471	-2	598	0	598	9.7	633.00	1434
	Nov 2008	603	-16	562	0	562	9.4	634.00	1460
	Dec 2008	543	-19	402	0	402	6.5	638.71	1583
	Jan 2009	685	-20	582	0	582	9.5	641.80	1666
	Feb 2009	660	-14	646	0	646	11.6	641.80	1666
	Mar 2009	951	-25	892	0	892	14.5	643.05	1700
	Apr 2009	1080	-30	1052	0	1052	17.7	643.01	1699
	May 2009	1022	-33	989	0	989	16.1	643.01	1699
	Jun 2009	838	-27	839	0	839	14.1	642.00	1671
	Jul 2009	912	-25	901	0	901	14.6	641.50	1658
	Aug 2009	819	-25	795	0	795	12.9	641.50	1658
	Sep 2009	698	-18	774	0	774	13.0	638.00	1564
	WY 2009	9283	-253	9030	0	9030			
	Oct 2009	453	-2	581	0	581	9.4	633.00	1434
	Nov 2009	568	-16	526	0	526	8.8	634.00	1460
	Dec 2009	583	-19	441	0	441	7.2	638.71	1583
	Jan 2010	677	-16	578	0	578	9.4	641.80	1666
	Feb 2010	679	-23	656	0	656	11.8	641.80	1666
	Mar 2010	995	-31	930	0	930	15.1	643.05	1700

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Parker Dam - Lake Havasu

		Davis Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	MWD Diversion 1000 Ac-Ft	CAP diversion 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft	Flow_to Mexico 1000 Ac-Ft	Flow_to Mexico 1000 CFS
*	Apr 2007	1001	-4	751	12.6	76	161	447.53	571	198	3.3
H	May 2007	996	-11	720	11.7	86	159	448.56	591	109	1.8
I	Jun 2007	965	-21	721	12.1	83	145	448.30	586	118	2.0
S	Jul 2007	916	-2	749	12.2	64	100	448.35	587	124	2.0
T	Aug 2007	786	-13	634	10.3	98	42	448.28	585	97	1.6
O	Sep 2007	777	-7	555	9.3	91	134	447.77	576	92	1.5
	WY 2007	9241	-94	6803		689	1632			1514	
R	Oct 2007	635	2	455	7.4	27	164	447.28	566	80	1.3
I	Nov 2007	516	3	336	5.6	29	147	447.65	573	104	1.8
C	Dec 2007	396	10	270	4.4	35	118	446.77	557	128	2.1
A	Jan 2008	547	5	306	5.0	82	167	446.67	555	132	2.1
L	Feb 2008	717	-11	486	8.4	68	157	446.44	551	155	2.7
*	Mar 2008	974	-14	744	12.1	47	168	446.47	551	205	3.3
	Apr 2008	1047	-4	785	13.2	77	162	447.50	571	198	3.3
	May 2008	1035	-14	739	12.0	91	172	448.50	589	109	1.8
	Jun 2008	906	-24	676	11.4	95	106	448.71	594	116	1.9
	Jul 2008	889	-17	725	11.8	85	75	448.00	580	119	1.9
	Aug 2008	793	-11	627	10.2	85	79	447.50	571	93	1.5
	Sep 2008	783	-12	564	9.5	83	138	446.81	557	89	1.5
	WY 2008	9238	-87	6712		804	1653			1528	
	Oct 2008	598	3	471	7.7	30	109	446.31	548	74	1.2
	Nov 2008	562	11	381	6.4	28	160	446.50	552	103	1.7
	Dec 2008	402	10	320	5.2	29	63	446.50	552	122	2.0
	Jan 2009	582	23	354	5.8	81	170	446.50	552	119	1.9
	Feb 2009	646	32	449	8.1	76	153	446.50	552	154	2.8
	Mar 2009	892	31	703	11.4	47	168	446.70	555	204	3.3
	Apr 2009	1052	-4	771	13.0	76	162	448.71	594	200	3.4
	May 2009	989	-14	730	11.9	82	163	448.71	594	109	1.8
	Jun 2009	839	-24	681	11.5	79	54	448.71	594	113	1.9
	Jul 2009	901	-17	734	11.9	81	83	448.00	580	119	1.9
	Aug 2009	795	-11	633	10.3	81	78	447.50	571	93	1.5
	Sep 2009	774	-12	570	9.6	79	126	446.81	557	89	1.5
	WY 2009	9030	26	6798		769	1489			1500	
	Oct 2009	581	3	476	7.7	28	89	446.31	548	74	1.2
	Nov 2009	526	11	386	6.5	26	122	446.50	552	103	1.7
	Dec 2009	441	10	324	5.3	6	121	446.50	552	122	2.0
	Jan 2010	578	35	352	5.7	85	176	446.50	552	119	1.9
	Feb 2010	656	28	446	8.0	80	158	446.50	552	154	2.8
	Mar 2010	930	-4	700	11.4	49	174	446.70	555	204	3.3

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Hoover Dam - Lake Mead

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Hoover Static Head Feet	Hoover Generator Capacity MW	Hoover Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Apr 2007	1093	18.4	1120.69	13426	-504	0.00	1275.0	455.6	73	416.9
H	May 2007	1026	16.7	1115.89	12963	-463	0.00	1506.0	417.8	88	407.3
I	Jun 2007	958	16.1	1113.50	12735	-228	0.00	1742.0	384.0	100	400.9
S	Jul 2007	950	15.5	1111.58	12554	-181	0.00	1730.0	377.2	100	397.0
T	Aug 2007	803	13.1	1111.84	12578	24	0.00	1704.0	315.2	100	392.6
O	Sep 2007	656	11.0	1111.06	12505	-73	0.00	1500.0	252.9	88	385.6
	WY 2007	9450							3826.0		
R	Oct 2007	570	9.3	1110.95	12494	-10	0.00	1363.0	219.9	80	385.9
I	Nov 2007	575	9.7	1111.22	12520	25	0.00	1056.0	225.1	62	391.4
C	Dec 2007	477	7.8	1114.81	12860	340	0.00	1074.0	183.5	63	385.0
A	Jan 2008	672	10.9	1116.46	13017	158	0.00	1183.4	268.3	69	399.2
L	Feb 2008	659	11.5	1116.93	13062	45	0.00	1093.0	266.5	63	404.5
*	Mar 2008	1025	16.7	1115.65	12940	-123	0.00	1218.0	420.7	70	410.6
	Apr 2008	1149	19.3	1111.08	12507	-433	462.79	1398.1	489.9	81	426.4
	May 2008	1091	17.7	1107.53	12176	-331	456.96	1459.0	452.1	87	414.5
	Jun 2008	892	15.0	1105.60	11998	-178	453.04	1677.0	361.8	100	405.5
	Jul 2008	900	14.6	1104.43	11892	-107	452.15	1677.0	363.2	100	403.5
	Aug 2008	817	13.3	1104.70	11916	24	451.87	1689.0	333.1	100	407.5
	Sep 2008	707	11.9	1105.00	11943	27	453.29	1726.0	285.0	100	402.9
	WY 2008	9534							3869.1		
	Oct 2008	471	7.7	1106.25	12058	115	460.45	1052.9	192.3	61	408.5
	Nov 2008	603	10.1	1106.27	12060	2	461.30	1277.2	247.5	74	410.6
	Dec 2008	543	8.8	1108.98	12311	251	460.24	1436.6	217.4	82	400.0
	Jan 2009	685	11.1	1110.94	12494	183	460.11	1419.1	279.3	81	407.5
	Feb 2009	660	11.9	1111.06	12505	11	459.37	1552.3	270.4	88	409.4
	Mar 2009	951	15.5	1107.88	12209	-296	458.10	1424.3	394.9	82	415.4
	Apr 2009	1080	18.2	1105.12	11955	-254	454.10	1528.6	446.4	88	413.2
	May 2009	1022	16.6	1104.45	11893	-61	451.10	1737.0	411.2	100	402.2
	Jun 2009	838	14.1	1105.84	12021	128	451.79	1737.0	343.8	100	410.1
	Jul 2009	912	14.8	1107.30	12155	134	453.70	1764.0	369.9	100	405.5
	Aug 2009	819	13.3	1110.25	12429	274	456.05	1764.0	336.6	100	410.9
	Sep 2009	698	11.7	1110.46	12448	20	458.76	1764.0	283.6	100	406.4
	WY 2009	9283							3793.1		
	Oct 2009	453	7.4	1111.81	12576	128	465.94	1076.0	185.8	61	410.0
	Nov 2009	568	9.5	1112.10	12603	27	466.97	1305.4	233.3	74	411.1
	Dec 2009	583	9.5	1114.34	12815	212	465.80	1446.5	238.1	82	408.4
	Jan 2010	677	11.0	1116.35	13007	192	465.47	1428.8	277.9	81	410.7
	Feb 2010	679	12.2	1115.91	12965	-42	464.48	1552.3	281.7	88	414.9
	Mar 2010	995	16.2	1112.25	12617	-348	462.69	1446.5	412.9	82	414.9

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Davis Dam - Lake Mohave

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Davis Static Head Feet	Davis Generator Capacity MW	Davis Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Apr 2007	1001	16.8	644.58	1742	57	0.00	255.0	125.6	100	125.5
H	May 2007	996	16.2	644.29	1734	-8	0.00	255.0	126.4	100	126.9
I	Jun 2007	965	16.2	642.79	1693	-41	0.00	255.0	122.2	100	126.6
S	Jul 2007	916	14.9	642.89	1696	3	0.00	242.0	115.0	95	125.5
T	Aug 2007	786	12.8	642.45	1684	-12	0.00	255.0	99.2	100	126.3
O	Sep 2007	777	13.0	637.26	1545	-139	0.00	240.0	95.9	94	123.5
	WY 2007	9241							1148.3		
R	Oct 2007	635	10.3	634.21	1465	-79	0.00	201.0	76.0	79	119.8
I	Nov 2007	516	8.7	635.89	1509	43	0.00	171.0	61.8	67	119.8
C	Dec 2007	396	6.4	638.03	1565	56	0.00	181.0	48.9	71	123.4
A	Jan 2008	547	8.9	641.68	1663	98	0.00	158.1	67.9	62	124.1
L	Feb 2008	717	12.5	639.09	1593	-70	0.00	191.2	88.7	75	123.8
*	Mar 2008	974	15.8	640.01	1618	25	0.00	227.0	120.5	89	123.7
	Apr 2008	1047	17.6	642.67	1690	72	134.30	255.0	128.8	100	123.0
	May 2008	1035	16.8	643.50	1712	23	136.13	255.0	129.2	100	124.8
	Jun 2008	906	15.2	642.00	1671	-41	135.78	255.0	113.3	100	125.0
	Jul 2008	889	14.5	641.50	1658	-14	134.73	255.0	110.5	100	124.3
	Aug 2008	793	12.9	641.50	1658	0	134.46	255.0	98.8	100	124.6
	Sep 2008	783	13.2	638.00	1564	-94	132.63	255.0	96.3	100	122.9
	WY 2008	9238							1140.7		
	Oct 2008	598	9.7	633.00	1434	-130	128.15	255.0	72.0	100	120.3
	Nov 2008	562	9.4	634.00	1460	26	126.25	247.3	66.6	97	118.6
	Dec 2008	402	6.5	638.71	1583	123	129.99	221.8	49.2	87	122.4
	Jan 2009	582	9.5	641.80	1666	83	136.14	158.1	72.6	62	124.7
	Feb 2009	646	11.6	641.80	1666	0	136.62	191.2	81.0	75	125.3
	Mar 2009	892	14.5	643.05	1700	34	136.20	227.0	111.4	89	124.9
	Apr 2009	1052	17.7	643.01	1699	-1	136.08	255.0	131.0	100	124.5
	May 2009	989	16.1	643.01	1699	0	136.05	255.0	123.6	100	124.9
	Jun 2009	839	14.1	642.00	1671	-28	135.52	255.0	104.9	100	125.1
	Jul 2009	901	14.6	641.50	1658	-14	134.73	255.0	111.9	100	124.3
	Aug 2009	795	12.9	641.50	1658	0	134.46	255.0	99.0	100	124.6
	Sep 2009	774	13.0	638.00	1564	-94	132.63	255.0	95.2	100	123.0
	WY 2009	9030							1118.3		
	Oct 2009	581	9.4	633.00	1434	-130	128.15	255.0	70.0	100	120.4
	Nov 2009	526	8.8	634.00	1460	26	126.25	247.3	62.6	97	118.9
	Dec 2009	441	7.2	638.71	1583	123	129.99	221.8	53.9	87	122.1
	Jan 2010	578	9.4	641.80	1666	83	136.14	158.1	72.1	62	124.7
	Feb 2010	656	11.8	641.80	1666	0	136.62	191.2	82.2	75	125.2
	Mar 2010	930	15.1	643.05	1700	34	136.20	227.0	116.0	89	124.7

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Parker Dam - Lake Havasu

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Parker Static Head Feet	Parker Generator Capacity MW	Parker Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Apr 2007	751	12.6	447.53	571	9	0.00	120.0	49.3	100	65.6
H	May 2007	720	11.7	448.56	591	20	0.00	120.0	48.2	100	66.9
I	Jun 2007	721	12.1	448.30	586	-5	0.00	120.0	48.5	100	67.2
S	Jul 2007	749	12.2	448.35	587	1	0.00	120.0	50.1	100	66.9
T	Aug 2007	634	10.3	448.28	585	-1	0.00	120.0	43.0	100	67.8
O	Sep 2007	555	9.3	447.77	576	-10	0.00	95.0	37.8	79	68.3
	WY 2007	6804							455.2		
R	Oct 2007	455	7.4	447.28	566	-9	0.00	90.0	31.5	75	69.3
I	Nov 2007	336	5.6	447.65	573	7	0.00	79.0	23.0	66	68.7
C	Dec 2007	270	4.4	446.77	557	-16	0.00	79.0	17.9	66	66.5
A	Jan 2008	306	5.0	446.67	555	-2	0.00	85.2	20.3	71	66.5
L	Feb 2008	486	8.4	446.44	551	-4	0.00	90.0	32.6	75	67.2
*	Mar 2008	744	12.1	446.47	551	1	0.00	90.0	49.8	75	67.0
	Apr 2008	785	13.2	447.50	571	19	75.48	96.0	52.3	80	66.6
	May 2008	739	12.0	448.50	589	19	75.37	120.0	48.8	100	66.1
	Jun 2008	676	11.4	448.71	594	4	75.96	120.0	44.9	100	66.4
	Jul 2008	725	11.8	448.00	580	-14	75.72	120.0	48.1	100	66.3
	Aug 2008	627	10.2	447.50	571	-10	75.13	120.0	41.1	100	65.6
	Sep 2008	564	9.5	446.81	557	-13	75.95	90.0	37.4	75	66.3
	WY 2008	6712							447.8		
	Oct 2008	471	7.7	446.31	548	-9	75.98	79.2	31.1	66	65.9
	Nov 2008	381	6.4	446.50	552	3	75.83	79.2	24.9	66	65.2
	Dec 2008	320	5.2	446.50	552	0	75.32	90.0	20.4	75	63.9
	Jan 2009	354	5.8	446.50	552	0	75.32	90.0	22.8	75	64.3
	Feb 2009	449	8.1	446.50	552	0	75.32	90.0	29.4	75	65.4
	Mar 2009	703	11.4	446.70	555	4	74.01	120.0	45.7	100	64.9
	Apr 2009	771	13.0	448.71	594	38	75.09	120.0	50.9	100	66.0
	May 2009	730	11.9	448.71	594	0	76.06	120.0	48.6	100	66.6
	Jun 2009	681	11.5	448.71	594	0	76.06	120.0	45.3	100	66.5
	Jul 2009	734	11.9	448.00	580	-14	75.72	120.0	48.7	100	66.3
	Aug 2009	633	10.3	447.50	571	-10	75.13	120.0	41.5	100	65.6
	Sep 2009	570	9.6	446.81	557	-13	75.95	90.0	37.8	75	66.4
	WY 2009	6798							446.9		
	Oct 2009	476	7.7	446.31	548	-9	75.98	79.2	31.4	66	66.0
	Nov 2009	386	6.5	446.50	552	3	75.83	79.2	25.2	66	65.3
	Dec 2009	324	5.3	446.50	552	0	75.92	79.2	20.9	66	64.5
	Jan 2010	352	5.7	446.50	552	0	75.32	90.0	22.6	75	64.3
	Feb 2010	446	8.0	446.50	552	0	75.32	90.0	29.2	75	65.4
	Mar 2010	700	11.4	446.70	555	4	74.01	120.0	45.4	100	64.9

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Upper Basin Power

	Glen Canyon 1000 MWHR	Flam Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Res 1000 MWHR	Font Res 1000 MWHR
* Apr 2007	250	18	11	17	11	3
H May 2007	254	52	11	19	15	3
I Jun 2007	343	26	13	18	15	3
S Jul 2007	343	21	29	33	19	4
T Aug 2007	340	20	32	36	20	3
O Sep 2007	253	19	34	39	20	2
Summer 2007	1782	156	130	162	100	18
R Oct 2007	251	19	24	30	17	2
I Nov 2007	252	19	18	22	12	2
C Dec 2007	334	15	19	22	13	3
A Jan 2008	330	19	25	31	15	2
L Feb 2008	247	18	26	35	14	2
* Mar 2008	299	19	14	16	9	2
Winter 2008	1714	110	126	156	80	14
Apr 2008	264	17	48	69	22	3
May 2008	301	40	45	72	23	8
Jun 2008	323	76	49	71	22	9
Jul 2008	356	30	55	66	23	10
Aug 2008	357	30	32	39	23	8
Sep 2008	317	29	36	42	22	6
Summer 2008	1918	223	266	360	137	42
Oct 2008	254	30	29	35	18	7
Nov 2008	253	29	20	24	13	6
Dec 2008	337	30	23	29	15	6
Jan 2009	336	30	21	27	14	5
Feb 2009	251	27	19	24	12	4
Mar 2009	250	30	21	28	15	5
Winter 2009	1682	177	133	168	86	33
Apr 2009	334	29	18	28	15	6
May 2009	409	44	16	29	20	7
Jun 2009	448	94	18	29	21	9
Jul 2009	476	39	34	41	23	10
Aug 2009	475	39	36	43	22	10
Sep 2009	315	38	33	39	20	6
Summer 2009	2457	283	156	210	121	46
Oct 2009	256	39	25	31	16	7
Nov 2009	255	38	16	20	10	6
Dec 2009	340	39	22	28	14	6
Jan 2010	338	39	21	27	14	5
Feb 2010	253	35	17	23	12	4
Mar 2010	252	39	17	23	13	4
Winter 2010	1694	228	119	151	78	33

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model_run_id = 2000

F L O O D C O N T R O L C R I T E R I A
B E G I N N I N G O F M O N T H C O N D I T I O N S

MON	YEAR	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	LAKE POWELL KAF	UPPER BASIN TOTAL KAF	LAKE MEAD KAF	TOTAL KAF	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	TOT OR MAX ALLOW KAF	LAKE POWELL KAF	LAKE MEAD KAF	TOTAL KAF	BOM SPACE REQD KAF	MEAD SCHED REL KAF	MEAD FC REL KAF	SYS CONT MAF
		* * * * P R E D I C T E D S P A C E * * * *							* * * * E F F E C T I V E S P A C E * * * *									
APR	2008	959	390	375	13520	15244	14440	29685	442	388	327	1157	13520	14440	29118	1500	1149	0	31.3
MAY	2008	869	447	228	13036	14580	14873	29453	345	447	163	955	13036	14873	28863	1500	1091	0	33.2
JUN	2008	715	269	114	11279	12377	15204	27581	179	269	17	465	11279	15204	26949	1500	892	0	35.6
JUL	2008	606	20	159	8998	9783	15382	25164	57	-10	15	62	8998	15382	24442	1500	900	0	36.0
												* * * * C R E D I T A B L E S P A C E * * * *							
AUG	2008	565	21	194	8533	9313	15488	24801	565	21	194	780	8533	15488	24801	1500	817	0	35.7
SEP	2008	589	36	218	8750	9593	15464	25057	589	36	218	843	8750	15464	25057	2270	707	0	35.3
OCT	2008	630	105	227	8940	9901	15437	25338	630	105	227	961	8940	15437	25338	3040	471	0	35.1
NOV	2008	662	161	245	8975	10042	15322	25364	662	161	245	1068	8975	15322	25364	3810	603	0	35.0
DEC	2008	695	195	261	9009	10160	15320	25480	695	195	261	1151	9009	15320	25480	4580	543	0	35.0
JAN	2009	743	248	286	9279	10556	15069	25626	743	248	286	1278	9279	15069	25626	5350	685	0	34.9
												* * * * E F F E C T I V E S P A C E * * * *							
JAN	2009	743	248	286	9279	10556	15069	25626	409	248	286	943	9279	15069	25291	5350	685	0	34.9
FEB	2009	788	298	296	9591	10973	14886	25859	451	298	296	1045	9591	14886	25522	1500	660	0	34.7
MAR	2009	820	341	294	9736	11190	14875	26066	480	341	294	1115	9736	14875	25726	1500	951	0	34.4
APR	2009	804	380	249	9761	11195	15171	26366	460	380	249	1090	9761	15171	26022	1500	1080	0	34.3
MAY	2009	749	374	148	9817	11088	15425	26514	398	374	148	920	9817	15425	26163	1500	1022	0	35.3
JUN	2009	618	230	45	9149	10043	15487	25529	256	223	45	524	9149	15487	25160	1500	838	0	37.0
JUL	2009	489	43	91	7872	8494	15359	23853	113	12	43	168	7872	15359	23399	1500	912	0	37.2
												* * * * C R E D I T A B L E S P A C E * * * *							
AUG	2009	393	33	104	7799	8329	15225	23554	393	33	104	530	7799	15225	23554	1500	819	0	36.9
SEP	2009	418	78	130	8252	8878	14951	23829	418	78	130	626	8252	14951	23829	2270	698	0	36.5
OCT	2009	474	142	136	8435	9187	14932	24119	474	142	136	752	8435	14932	24119	3040	453	0	36.4
NOV	2009	528	184	136	8475	9324	14804	24128	528	184	136	848	8475	14804	24128	3810	568	0	36.3
DEC	2009	583	204	138	8516	9442	14777	24219	583	204	138	926	8516	14777	24219	4580	583	0	36.3
JAN	2010	654	254	148	8781	9837	14565	24402	654	254	148	1056	8781	14565	24402	5350	677	0	36.1
												* * * * E F F E C T I V E S P A C E * * * *							
JAN	2010	654	254	148	8781	9837	14565	24402	307	253	148	708	8781	14565	24054	5350	677	0	36.1
FEB	2010	720	302	158	9073	10253	14373	24627	372	302	158	832	9073	14373	24278	1500	679	0	35.9
MAR	2010	773	340	156	9203	10472	14415	24887	423	340	156	919	9203	14415	24537	1500	995	0	35.5

To: All Annual Operating Plan Recipients

From: Lower Colorado Region
Boulder Canyon Operations Office
River Operations Group
Douglas B. Blatchford, P.E.
P.O. Box 61470
Boulder City, NV 89006-1470
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The operation of Lake Powell and Lake Mead in this 24 Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines). The Interim Guidelines are available for download at http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf

Based on the April 24 Month study and Section 6.B.3 of the Interim Guidelines, the operation of Glen Canyon Dam will be governed by Section 6.A (Equalization Tier) for the remainder of Water Year 2008. Under the Equalization Tier, it is likely that the annual release from Glen Canyon Dam for Water Year 2008 will be greater than 8.23 million acre-feet. The May 24 Month Study projects the annual release to be 8.95 million acre-feet; however, the projected annual release will be updated each month throughout the remainder of the Water Year to achieve the operation specified in Section 6.A.1 of the Interim Guidelines.

In this study, the Calendar Year (CY) 2008 diversion for Metropolitan Water District of Southern California (MWD) is forecasted to be 0.840 million acre-feet (maf). The CY 2008 diversion for the Central Arizona Project (CAP) is forecasted to be 1.576 maf. Consumptive use for Nevada above Hoover is forecasted to be 0.278 maf for CY 2008.

Due to declining Lake Mead elevations, Hoover's generator capacity is adjusted based on estimated effective capacity and plant availability. The estimated effective capacity is based on projected Lake Mead elevations. Unit capacity tests will be performed as the lake elevation changes in 2' increments. This study reflects these changes in the projections.

Current runoff projections into Lake Powell are provided by the National Weather Service's Colorado Basin River Forecast Center and are as follows: observed unregulated inflow into Lake Powell for the month of April, 2008 was 1.0 maf or 102% of the 30 year average. The forecast for May, 2008 unregulated inflow into Lake Powell is 3.2 maf or 139% of the 30 year average. The forecast for the April through July unregulated inflow period is projected to be 9.2 maf or 116% of average.

Hoover, Davis, and Parker historical gross energy figures come from PO&M reports provided by the Power and O&M Group, Boulder Canyon Operations, Bureau of Reclamation, Boulder City, Nevada. Questions regarding these historical energy numbers can be directed to Larry Karr at (702) 293-8094.

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Fontenelle Reservoir

		Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	May 2007	109	1	49	0	49	6483.80	189
H	Jun 2007	89	2	48	0	48	6489.96	228
I	Jul 2007	46	2	50	0	50	6489.09	222
S	Aug 2007	35	2	50	0	50	6486.48	205
T	Sep 2007	25	1	27	16	43	6483.42	186
	WY 2007	578	14	602	16	618		
O	Oct 2007	33	1	37	6	44	6481.38	175
R	Nov 2007	32	1	41	2	42	6479.48	164
I	Dec 2007	27	1	43	0	44	6476.19	147
C	Jan 2008	24	0	43	0	43	6472.00	128
A	Feb 2008	25	0	40	1	41	6468.13	111
L	Mar 2008	32	0	43	0	43	6465.20	100
*	Apr 2008	53	1	42	0	42	6467.95	111
	May 2008	140	1	64	0	64	6483.23	185
	Jun 2008	290	2	103	70	173	6500.20	300
	Jul 2008	172	3	101	25	126	6505.76	344
	Aug 2008	79	2	85	0	85	6504.70	335
	Sep 2008	47	2	58	19	77	6500.61	304
	WY 2008	955	14	700	123	823		
	Oct 2008	49	1	80	0	80	6496.19	271
	Nov 2008	41	1	67	0	67	6492.44	244
	Dec 2008	32	1	69	0	69	6486.74	207
	Jan 2009	30	1	69	0	69	6480.05	167
	Feb 2009	27	0	62	0	62	6472.82	131
	Mar 2009	51	0	69	0	69	6468.63	113
	Apr 2009	89	1	86	0	86	6469.09	115
	May 2009	176	1	98	17	115	6481.47	175
	Jun 2009	308	2	103	76	179	6500.44	302
	Jul 2009	186	3	100	41	142	6505.76	344
	Aug 2009	83	2	99	0	99	6503.40	325
	Sep 2009	49	2	59	13	71	6500.21	300
	WY 2009	1120	15	961	147	1108		
	Oct 2009	49	1	74	0	74	6496.62	274
	Nov 2009	41	1	71	0	71	6492.19	243
	Dec 2009	32	1	74	0	74	6485.71	200
	Jan 2010	30	1	66	0	66	6479.39	164
	Feb 2010	27	0	59	0	59	6472.66	131
	Mar 2010	51	0	66	0	66	6469.20	116
	Apr 2010	89	1	89	0	89	6468.94	115

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Flaming Gorge Reservoir

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Yampa Flow 1000 Ac-Ft	Jensen Flow 1000 Ac-Ft
*	May 2007	164	106	8	138	0	138	89	6024.67	3148	0	525
H	Jun 2007	90	49	10	69	0	69	88	6023.89	3119	0	227
I	Jul 2007	42	45	13	55	0	55	87	6023.31	3098	0	81
S	Aug 2007	32	46	12	51	0	51	86	6022.87	3082	0	66
T	Sep 2007	23	40	10	49	0	49	85	6022.35	3063	0	72
	WY 2007	744	784	77	777	0	777					2764
O	Oct 2007	35	46	7	49	1	50	85	6022.07	3053	0	95
R	Nov 2007	33	42	3	49	0	49	85	6021.81	3044	0	83
I	Dec 2007	21	37	2	41	9	50	84	6021.40	3029	0	83
C	Jan 2008	24	43	2	50	0	50	84	6021.15	3020	0	0
A	Feb 2008	33	49	2	47	0	47	84	6021.15	3020	0	327
L	Mar 2008	59	70	3	50	0	50	84	6021.55	3035	0	141
*	Apr 2008	79	69	5	53	0	53	85	6021.85	3045	0	231
	May 2008	220	144	7	192	0	192	83	6020.35	2992	0	192
	Jun 2008	330	213	10	103	0	103	86	6023.05	3089	0	103
	Jul 2008	188	142	13	80	0	80	88	6024.35	3136	0	80
	Aug 2008	87	93	12	77	0	77	88	6024.46	3140	0	77
	Sep 2008	56	86	11	80	0	80	88	6024.32	3135	0	80
	WY 2008	1165	1035	77	872	10	882					1493
	Oct 2008	59	91	7	80	0	80	88	6024.42	3139	0	80
	Nov 2008	51	77	3	77	0	77	88	6024.32	3135	0	77
	Dec 2008	37	74	2	80	0	80	87	6024.11	3128	0	80
	Jan 2009	41	80	2	80	0	80	87	6024.07	3126	0	80
	Feb 2009	45	80	2	72	0	72	88	6024.23	3132	0	72
	Mar 2009	103	121	3	80	0	80	89	6025.24	3169	0	80
	Apr 2009	142	140	5	77	0	77	91	6026.73	3224	0	77
	May 2009	263	202	8	144	0	144	92	6028.02	3273	0	144
	Jun 2009	400	270	10	170	0	170	95	6030.29	3360	0	170
	Jul 2009	219	175	14	114	0	114	97	6031.48	3406	0	114
	Aug 2009	97	113	13	114	0	114	96	6031.14	3393	0	114
	Sep 2009	58	81	11	110	0	110	95	6030.13	3354	0	110
	WY 2009	1516	1504	80	1198	0	1198					1198
	Oct 2009	59	85	7	114	0	114	94	6029.21	3319	0	114
	Nov 2009	51	82	3	110	0	110	93	6028.41	3288	0	110
	Dec 2009	37	79	2	114	0	114	92	6027.46	3252	0	114
	Jan 2010	41	77	2	114	0	114	90	6026.47	3215	0	114
	Feb 2010	45	78	2	103	0	103	89	6025.77	3189	0	103
	Mar 2010	103	118	3	114	0	114	89	6025.80	3190	0	114
	Apr 2010	142	143	5	110	0	110	90	6026.52	3217	0	110

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Taylor Park Reservoir

		Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	May 2007	27	11	9325.94	98
H	Jun 2007	27	23	9327.98	102
I	Jul 2007	15	25	9322.65	92
S	Aug 2007	10	18	9318.20	84
T	Sep 2007	8	14	9314.67	78
	WY 2007	130	125		
O	Oct 2007	7	7	9314.68	78
R	Nov 2007	4	4	9314.68	78
I	Dec 2007	5	5	9314.89	78
C	Jan 2008	5	4	9315.09	78
A	Feb 2008	4	4	9314.99	78
L	Mar 2008	4	7	9313.24	75
*	Apr 2008	7	19	9305.56	63
	May 2008	40	38	9306.89	65
	Jun 2008	65	34	9324.71	96
	Jul 2008	28	24	9326.77	100
	Aug 2008	13	22	9321.94	91
	Sep 2008	8	20	9315.18	78
	WY 2008	190	189		
	Oct 2008	6	12	9311.63	73
	Nov 2008	5	5	9311.56	72
	Dec 2008	4	5	9311.20	72
	Jan 2009	4	5	9310.70	71
	Feb 2009	4	5	9309.90	70
	Mar 2009	4	5	9309.42	69
	Apr 2009	8	10	9308.35	67
	May 2009	27	16	9315.20	78
	Jun 2009	43	21	9327.09	100
	Jul 2009	20	21	9326.79	100
	Aug 2009	10	20	9321.56	90
	Sep 2009	7	14	9317.68	83
	WY 2009	143	139		
	Oct 2009	6	12	9314.25	77
	Nov 2009	5	6	9313.59	76
	Dec 2009	4	5	9313.24	75
	Jan 2010	4	5	9312.75	74
	Feb 2010	4	5	9312.08	73
	Mar 2010	4	5	9311.62	72
	Apr 2010	8	12	9309.32	69

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Blue Mesa Reservoir

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir elevation EOM Feet	Live Storage 1000 Ac-Ft
*	May 2007	189	174	1	41	0	41	7500.42	665
H	Jun 2007	174	169	1	47	0	47	7514.60	786
I	Jul 2007	81	91	2	99	0	99	7513.48	776
S	Aug 2007	75	83	1	109	0	109	7510.40	749
T	Sep 2007	50	56	1	117	0	117	7503.06	687
	WY 2007	895	889	9	861	0	861		
O	Oct 2007	48	48	1	85	0	85	7498.53	649
R	Nov 2007	31	31	0	65	0	65	7494.31	615
I	Dec 2007	33	33	0	67	0	67	7489.90	581
C	Jan 2008	33	33	0	93	0	93	7481.92	520
A	Feb 2008	31	31	0	97	0	97	7472.73	454
L	Mar 2008	36	39	0	53	0	53	7470.50	439
*	Apr 2008	107	119	1	147	0	147	7466.24	411
	May 2008	318	316	1	180	0	180	7485.38	546
	Jun 2008	465	434	1	166	0	166	7517.54	813
	Jul 2008	170	166	2	175	0	175	7516.37	802
	Aug 2008	78	88	1	113	0	113	7513.40	776
	Sep 2008	41	53	1	114	0	114	7506.23	713
	WY 2008	1393	1392	9	1357	0	1357		
	Oct 2008	35	41	1	95	0	95	7499.70	659
	Nov 2008	31	31	0	65	0	65	7495.44	624
	Dec 2008	25	26	0	68	0	68	7490.00	581
	Jan 2009	24	25	0	73	0	73	7483.66	533
	Feb 2009	22	23	0	65	0	65	7477.93	491
	Mar 2009	34	35	0	74	0	74	7472.31	452
	Apr 2009	73	75	1	66	0	66	7473.51	460
	May 2009	212	201	1	56	0	56	7492.85	604
	Jun 2009	271	249	1	60	0	60	7515.18	792
	Jul 2009	121	121	2	108	0	108	7516.43	803
	Aug 2009	62	72	1	116	0	116	7511.30	757
	Sep 2009	36	43	1	106	0	106	7503.86	693
	WY 2009	946	941	9	953	0	953		
	Oct 2009	35	41	1	82	0	82	7498.84	652
	Nov 2009	31	32	0	52	0	52	7496.31	631
	Dec 2009	25	26	0	75	0	75	7490.00	581
	Jan 2010	24	25	0	73	0	73	7483.66	533
	Feb 2010	22	23	0	60	0	60	7478.59	496
	Mar 2010	34	35	0	61	0	61	7474.88	469
	Apr 2010	73	77	1	72	0	72	7475.48	474

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Morrow Point Reservoir

		Unreg Inflow 1000 Ac-Ft	Blue_Mesa Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Evap losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	May 2007	202	41	13	54	0	53	0	53	7154.94	113
H	Jun 2007	179	47	4	51	0	52	0	52	7153.84	112
I	Jul 2007	73	99	-7	92	0	92	0	92	7153.52	112
S	Aug 2007	67	109	-8	101	0	100	0	100	7154.39	113
T	Sep 2007	41	117	-8	109	0	107	0	107	7156.75	114
	WY 2007	883	861	-12	848	1	839	0	839		
O	Oct 2007	43	85	-5	80	0	85	0	85	7150.81	110
R	Nov 2007	28	65	-3	62	0	63	0	63	7149.32	109
I	Dec 2007	31	67	-3	65	0	62	0	62	7152.91	111
C	Jan 2008	29	93	-4	89	0	87	0	87	7156.26	114
A	Feb 2008	26	97	-5	92	0	99	0	99	7146.95	107
L	Mar 2008	34	53	-2	52	0	45	0	45	7155.12	113
*	Apr 2008	109	147	1	148	0	153	0	153	7149.81	109
	May 2008	356	180	38	218	0	215	0	215	7153.73	112
	Jun 2008	501	166	36	202	0	202	0	202	7153.73	112
	Jul 2008	179	175	9	184	0	184	0	184	7153.73	112
	Aug 2008	83	113	5	118	0	118	0	118	7153.73	112
	Sep 2008	44	114	3	118	0	118	0	118	7153.73	112
	WY 2008	1464	1357	71	1428	0	1430	0	1430		
	Oct 2008	38	95	3	98	0	98	0	98	7153.73	112
	Nov 2008	33	65	2	67	0	67	0	67	7153.73	112
	Dec 2008	27	68	2	71	0	71	0	71	7153.73	112
	Jan 2009	26	73	2	75	0	75	0	75	7153.73	112
	Feb 2009	25	65	3	68	0	68	0	68	7153.73	112
	Mar 2009	38	74	4	78	0	78	0	78	7153.73	112
	Apr 2009	84	66	11	77	0	77	0	77	7153.73	112
	May 2009	237	56	25	81	0	81	0	81	7153.73	112
	Jun 2009	292	60	21	81	0	81	0	81	7153.73	112
	Jul 2009	127	108	7	115	0	115	0	115	7153.73	112
	Aug 2009	65	116	4	120	0	120	0	120	7153.73	112
	Sep 2009	39	106	3	109	0	109	0	109	7153.73	112
	WY 2009	1032	953	86	1039	0	1039	0	1039		
	Oct 2009	38	82	3	85	0	85	0	85	7153.73	112
	Nov 2009	33	52	2	54	0	54	0	54	7153.73	112
	Dec 2009	27	75	2	78	0	78	0	78	7153.73	112
	Jan 2010	26	73	2	75	0	75	0	75	7153.73	112
	Feb 2010	25	60	3	63	0	63	0	63	7153.73	112
	Mar 2010	38	61	4	65	0	65	0	65	7153.73	112
	Apr 2010	84	72	11	83	0	83	0	83	7153.73	112

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Crystal Reservoir

	unreg Inflow 1000 Ac-Ft	Morrow Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Tunnel Flow 1000 Ac-Ft	Below_tunnel Flow 1000 Ac-Ft
* May 2007	228	53	25	78	78	0	78	6751.27	16	53	29
H Jun 2007	200	52	21	73	74	0	74	6745.12	15	51	28
I Jul 2007	80	92	7	99	98	0	98	6748.50	16	66	37
S Aug 2007	74	100	7	107	108	0	108	6744.63	15	63	51
T Sep 2007	46	107	5	112	112	0	112	6746.25	15	56	62
WY 2007	991	839	108	947	907	39	946			363	632
O Oct 2007	48	85	5	90	90	0	90	6745.51	15	38	54
R Nov 2007	32	63	4	67	66	0	66	6748.78	16	0	70
I Dec 2007	35	62	5	67	68	0	68	6742.95	14	1	73
C Jan 2008	34	87	5	91	77	13	90	6748.45	16	1	94
A Feb 2008	30	99	4	103	72	31	103	6749.17	16	1	108
L Mar 2008	41	45	6	52	52	0	52	6749.59	16	1	54
* Apr 2008	124	153	16	168	127	40	168	6751.31	16	23	150
May 2008	401	215	45	260	135	125	259	6753.04	17	55	204
Jun 2008	565	202	64	266	130	136	266	6753.04	17	60	206
Jul 2008	220	184	41	225	134	91	225	6753.04	17	65	160
Aug 2008	99	118	16	134	134	0	134	6753.04	17	65	69
Sep 2008	53	118	9	127	127	0	127	6753.04	17	55	72
WY 2008	1683	1430	220	1649	1211	436	1647			366	1313
Oct 2008	44	98	7	104	104	0	104	6753.04	17	30	74
Nov 2008	38	67	5	72	72	0	72	6753.04	17	0	72
Dec 2008	32	71	5	75	75	0	75	6753.04	17	0	75
Jan 2009	31	75	5	80	80	0	80	6753.04	17	0	80
Feb 2009	29	68	4	72	72	0	72	6753.04	17	0	72
Mar 2009	46	78	7	85	85	0	85	6753.04	17	5	80
Apr 2009	96	77	12	89	89	0	89	6753.04	17	30	59
May 2009	272	81	35	116	116	0	116	6753.04	17	55	61
Jun 2009	330	81	38	119	119	0	119	6753.04	17	60	59
Jul 2009	144	115	17	132	132	0	132	6753.04	17	65	67
Aug 2009	74	120	8	128	128	0	128	6753.04	17	65	63
Sep 2009	45	109	6	115	115	0	115	6753.04	17	55	60
WY 2009	1183	1039	151	1190	1190	0	1190			365	825
Oct 2009	44	85	7	91	91	0	91	6753.04	17	30	61
Nov 2009	38	54	5	59	59	0	59	6753.04	17	0	59
Dec 2009	32	78	5	82	82	0	82	6753.04	17	0	82
Jan 2010	31	75	5	80	80	0	80	6753.04	17	0	80
Feb 2010	29	63	4	67	67	0	67	6753.04	17	0	67
Mar 2010	46	65	7	72	72	0	72	6753.04	17	5	67
Apr 2010	96	83	12	95	95	0	95	6753.04	17	30	65

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Vallecito Reservoir

		Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	May 2007	68	45	7664.82	125
H	Jun 2007	67	68	7664.36	124
I	Jul 2007	23	41	7657.48	106
S	Aug 2007	27	34	7654.84	99
T	Sep 2007	18	34	7648.41	83
	WY 2007	330	327		
O	Oct 2007	15	31	7641.28	67
R	Nov 2007	7	4	7642.40	69
I	Dec 2007	8	3	7644.42	74
C	Jan 2008	6	4	7645.29	76
A	Feb 2008	6	17	7640.08	65
L	Mar 2008	11	36	7626.73	39
*	Apr 2008	33	29	7628.85	43
	May 2008	90	43	7650.81	89
	Jun 2008	90	54	7664.76	125
	Jul 2008	27	43	7658.49	108
	Aug 2008	18	42	7648.45	83
	Sep 2008	16	35	7640.07	64
	WY 2008	327	342		
	Oct 2008	13	12	7640.41	65
	Nov 2008	8	5	7642.08	69
	Dec 2008	6	5	7642.72	70
	Jan 2009	5	5	7642.98	71
	Feb 2009	5	4	7643.19	71
	Mar 2009	8	5	7644.70	75
	Apr 2009	22	12	7648.88	84
	May 2009	69	43	7659.28	110
	Jun 2009	78	62	7664.74	125
	Jul 2009	31	43	7659.96	112
	Aug 2009	19	40	7651.55	91
	Sep 2009	17	30	7646.00	78
	WY 2009	281	265		
	Oct 2009	13	15	7645.00	75
	Nov 2009	8	4	7646.78	79
	Dec 2009	6	4	7647.59	81
	Jan 2010	5	5	7647.63	81
	Feb 2010	5	5	7647.64	81
	Mar 2010	8	5	7648.85	84
	Apr 2010	22	10	7653.67	96

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Navajo Reservoir

		Mod_Unreg Inflow 1000 Ac-Ft	Azetea Tunnel_Div 1000 Ac-Ft	Reg Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	NIIP Diversion 1000 ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Farm Flow 1000 Ac-Ft
*	May 2007	258	34	200	4	25	212	6077.03	1581	257
H	Jun 2007	182	27	154	5	37	73	6079.68	1620	169
I	Jul 2007	33	4	46	5	38	46	6076.77	1577	81
S	Aug 2007	61	7	59	4	33	48	6074.98	1551	82
T	Sep 2007	27	2	41	3	23	56	6072.10	1510	80
	WY 2007	1097	119	974	31	192	660			1160
O	Oct 2007	41	0	57	2	10	46	6072.01	1509	79
R	Nov 2007	19	0	17	1	1	43	6070.07	1482	57
I	Dec 2007	46	0	40	1	0	42	6069.89	1479	67
C	Jan 2008	26	0	24	1	0	47	6068.19	1456	69
A	Feb 2008	38	0	48	1	0	122	6062.59	1381	160
L	Mar 2008	147	6	167	2	6	219	6057.91	1321	284
*	Apr 2008	242	27	214	2	21	152	6060.97	1360	240
	May 2008	390	42	301	4	26	150	6070.05	1481	150
	Jun 2008	320	54	230	4	40	237	6066.25	1429	237
	Jul 2008	78	33	61	5	43	31	6064.91	1411	31
	Aug 2008	45	5	65	4	36	31	6064.46	1406	31
	Sep 2008	43	1	61	3	21	30	6065.04	1413	30
	WY 2008	1434	167	1285	29	205	1148			1434
	Oct 2008	38	0	37	2	6	31	6064.91	1412	31
	Nov 2008	33	0	29	1	0	30	6064.80	1410	30
	Dec 2008	24	0	23	1	0	31	6064.13	1401	31
	Jan 2009	22	0	21	1	0	31	6063.36	1391	31
	Feb 2009	30	0	30	1	0	28	6063.44	1392	28
	Mar 2009	88	4	81	2	4	31	6066.78	1437	31
	Apr 2009	174	13	151	3	16	34	6073.84	1535	34
	May 2009	279	0	252	4	30	200	6075.08	1552	200
	Jun 2009	246	40	191	5	45	212	6070.08	1482	212
	Jul 2009	74	13	73	5	49	31	6069.28	1471	31
	Aug 2009	43	13	51	4	41	31	6067.50	1446	31
	Sep 2009	42	4	51	3	24	30	6067.13	1441	30
	WY 2009	1094	87	990	30	214	719			719
	Oct 2009	38	0	40	2	6	31	6067.21	1442	31
	Nov 2009	33	0	29	1	0	30	6067.05	1440	30
	Dec 2009	24	0	22	1	0	31	6066.34	1431	31
	Jan 2010	22	0	22	1	0	31	6065.62	1421	31
	Feb 2010	30	0	30	1	0	28	6065.73	1422	28
	Mar 2010	88	4	81	2	4	31	6069.04	1467	31
	Apr 2010	174	13	149	3	16	34	6075.83	1563	34

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Lake Powell

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	PowerPlant Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Bank Storage 1000 Ac-Ft	EOM Storage 1000 Ac-Ft	Lees Ferry 1000 Ac-Ft
*	May 2007	1577	1441	29	601	0	601	3609.61	18276	12691	606
H	Jun 2007	1308	1072	47	801	0	801	3611.50	18309	12882	811
I	Jul 2007	365	453	56	804	0	804	3607.35	18318	12465	819
S	Aug 2007	378	437	54	804	0	804	3603.58	18266	12095	818
T	Sep 2007	296	454	49	604	0	604	3601.87	18232	11929	617
	WY 2007	8231	8080	388	8230	0	8231				8397
O	Oct 2007	467	540	34	601	0	601	3600.62	18258	11809	612
R	Nov 2007	397	470	32	603	0	603	3598.63	18281	11620	615
I	Dec 2007	398	455	25	803	0	803	3594.64	18282	11246	814
C	Jan 2008	336	440	8	801	0	801	3590.66	18278	10880	813
A	Feb 2008	412	568	8	602	0	602	3590.66	18236	10880	613
L	Mar 2008	589	717	14	737	93	830	3589.77	18189	10800	848
*	Apr 2008	1003	986	22	679	0	679	3594.09	18079	11195	691
	May 2008	3200	2859	35	790	0	790	3613.43	18229	13078	790
	Jun 2008	3500	2985	44	790	0	790	3631.92	18389	15069	790
	Jul 2008	1500	1426	53	840	0	840	3636.23	18428	15563	840
	Aug 2008	610	661	55	840	0	840	3634.35	18411	15346	840
	Sep 2008	477	583	47	775	0	775	3632.40	18393	15124	775
	WY 2008	12889	12688	379	8861	93	8954				9042
	Oct 2008	506	586	42	600	0	600	3631.94	18389	15072	600
	Nov 2008	523	581	35	600	0	600	3631.49	18385	15021	600
	Dec 2008	418	511	29	800	0	800	3628.86	18361	14726	800
	Jan 2009	384	481	22	800	0	800	3626.01	18336	14411	800
	Feb 2009	395	462	20	600	0	600	3624.67	18324	14264	600
	Mar 2009	628	595	25	600	0	600	3624.41	18322	14236	600
	Apr 2009	952	769	29	600	0	600	3625.60	18332	14366	600
	May 2009	2161	1837	40	865	0	865	3633.33	18402	15229	865
	Jun 2009	2808	2419	48	1060	0	1060	3643.69	18499	16443	1060
	Jul 2009	1345	1246	56	1105	0	1105	3644.34	18505	16521	1105
	Aug 2009	566	679	57	1105	0	1105	3640.60	18469	16074	1105
	Sep 2009	459	596	49	750	0	750	3639.00	18454	15886	750
	WY 2009	11147	10762	454	9485	0	9485				9485
	Oct 2009	506	607	44	600	0	600	3638.71	18451	15851	600
	Nov 2009	523	600	37	600	0	600	3638.43	18449	15818	600
	Dec 2009	418	552	30	800	0	800	3636.21	18428	15560	800
	Jan 2010	384	515	23	800	0	800	3633.73	18405	15275	800
	Feb 2010	395	488	21	600	0	600	3632.65	18395	15151	600
	Mar 2010	628	616	26	600	0	600	3632.56	18395	15141	600
	Apr 2010	952	808	30	792	0	792	3632.45	18393	15129	792

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Hoover Dam - Lake Mead

		Glen Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release CFS	SNWP Use 1000 Ac-Ft	Dwnstrm Reqmnts 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
*	May 2007	601	17	51	1026	16.7	34	1024	843	1115.89	12963
H	Jun 2007	801	10	61	958	16.1	35	957	828	1113.50	12735
I	Jul 2007	804	67	76	950	15.5	39	949	816	1111.58	12554
S	Aug 2007	804	138	80	803	13.1	33	801	818	1111.84	12578
T	Sep 2007	604	63	66	656	11.0	24	653	813	1111.06	12505
	WY 2007	8231	677	633	9450		297	9420			
O	Oct 2007	601	32	48	570	9.3	26	564	812	1110.95	12494
R	Nov 2007	603	67	48	576	9.7	19	575	814	1111.22	12520
I	Dec 2007	803	95	42	477	7.8	17	467	836	1114.81	12860
C	Jan 2008	801	88	34	672	10.9	14	659	846	1116.46	13017
A	Feb 2008	602	147	32	659	11.5	11	658	849	1116.93	13062
L	Mar 2008	830	117	35	1025	16.7	18	1023	841	1115.65	12940
*	Apr 2008	679	37	44	1159	19.5	21	1155	810	1110.61	12463
	May 2008	790	65	49	1151	18.7	32	1151	787	1106.81	12109
	Jun 2008	790	16	59	928	15.6	34	928	774	1104.61	11908
	Jul 2008	840	57	73	866	14.1	36	866	769	1103.81	11835
	Aug 2008	840	115	77	814	13.2	33	814	771	1104.12	11863
	Sep 2008	775	79	64	704	11.8	26	704	775	1104.74	11919
	WY 2008	8954	915	605	9600		288	9564			
	Oct 2008	600	68	47	467	7.6	27	467	783	1106.04	12039
	Nov 2008	600	68	47	564	9.5	15	564	785	1106.45	12077
	Dec 2008	800	61	41	541	8.8	10	541	802	1109.20	12331
	Jan 2009	800	126	34	685	11.1	13	685	813	1111.15	12514
	Feb 2009	600	116	31	660	11.9	13	660	814	1111.27	12525
	Mar 2009	600	87	35	951	15.5	16	951	795	1108.10	12229
	Apr 2009	600	74	42	1080	18.2	22	1080	766	1103.28	11787
	May 2009	865	65	48	1022	16.6	35	1022	755	1101.47	11623
	Jun 2009	1060	16	58	838	14.1	34	838	764	1102.99	11760
	Jul 2009	1105	57	73	912	14.8	33	912	773	1104.48	11896
	Aug 2009	1105	115	78	819	13.3	30	819	791	1107.47	12170
	Sep 2009	750	79	65	698	11.7	33	698	793	1107.81	12202
	WY 2009	9485	931	597	9238		280	9238			
	Oct 2009	600	68	47	453	7.4	31	453	801	1109.19	12330
	Nov 2009	600	68	48	568	9.5	23	568	803	1109.48	12357
	Dec 2009	800	61	41	583	9.5	11	583	817	1111.75	12570
	Jan 2010	800	128	34	677	11.0	13	677	830	1113.78	12762
	Feb 2010	600	78	31	679	12.2	13	679	827	1113.34	12720
	Mar 2010	600	76	35	995	16.2	16	995	804	1109.65	12373
	Apr 2010	792	63	43	1097	18.4	22	1097	786	1106.54	12085

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Davis Dam - Lake Mohave

		Hoover Release 1000 Ac-Ft	Side inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Spill Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
*	May 2007	1026	-38	996	0	996	16.2	644.29	1734
H	Jun 2007	958	-34	965	0	965	16.2	642.79	1693
I	Jul 2007	950	-32	916	0	916	14.9	642.89	1696
S	Aug 2007	803	-29	786	0	786	12.8	642.45	1684
T	Sep 2007	656	-18	777	0	777	13.0	637.26	1545
	WY 2007	9450	-249	9241	0	9241			
O	Oct 2007	570	-14	635	0	635	10.3	634.21	1465
R	Nov 2007	576	-17	516	0	516	8.7	635.89	1509
I	Dec 2007	477	-24	396	0	396	6.4	638.03	1565
C	Jan 2008	672	-27	547	0	547	8.9	641.68	1663
A	Feb 2008	659	-12	717	0	717	12.5	639.09	1593
L	Mar 2008	1025	-26	974	0	974	15.8	640.01	1618
*	Apr 2008	1159	-23	1104	0	1104	18.6	641.20	1650
	May 2008	1151	-33	1055	0	1055	17.2	643.50	1712
	Jun 2008	928	-27	915	0	915	15.4	643.00	1699
	Jul 2008	866	-25	882	0	882	14.3	641.50	1658
	Aug 2008	814	-25	789	0	789	12.8	641.50	1658
	Sep 2008	704	-18	780	0	780	13.1	638.00	1564
	WY 2008	9600	-270	9310	0	9310			
	Oct 2008	467	-2	595	0	595	9.7	633.00	1434
	Nov 2008	564	-16	523	0	523	8.8	634.00	1460
	Dec 2008	541	-19	399	0	399	6.5	638.71	1583
	Jan 2009	685	-20	582	0	582	9.5	641.80	1666
	Feb 2009	660	-14	646	0	646	11.6	641.80	1666
	Mar 2009	951	-25	892	0	892	14.5	643.05	1700
	Apr 2009	1080	-30	1052	0	1052	17.7	643.01	1699
	May 2009	1022	-33	989	0	989	16.1	643.01	1699
	Jun 2009	838	-27	839	0	839	14.1	642.00	1671
	Jul 2009	912	-25	901	0	901	14.6	641.50	1658
	Aug 2009	819	-25	795	0	795	12.9	641.50	1658
	Sep 2009	698	-18	774	0	774	13.0	638.00	1564
	WY 2009	9238	-253	8985	0	8985			
	Oct 2009	453	-2	581	0	581	9.4	633.00	1434
	Nov 2009	568	-16	526	0	526	8.8	634.00	1460
	Dec 2009	583	-19	441	0	441	7.2	638.71	1583
	Jan 2010	677	-16	578	0	578	9.4	641.80	1666
	Feb 2010	679	-23	656	0	656	11.8	641.80	1666
	Mar 2010	995	-31	930	0	930	15.1	643.05	1700
	Apr 2010	1097	-32	1066	0	1066	17.9	643.01	1699

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Parker Dam - Lake Havasu

		Davis Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	MWD Diversion 1000 Ac-Ft	CAP diversion 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft	Flow_to Mexico 1000 Ac-Ft	Flow_to Mexico 1000 CFS
*	May 2007	996	-11	720	11.7	86	159	448.56	591	109	1.8
H	Jun 2007	965	-21	721	12.1	83	145	448.30	586	118	2.0
I	Jul 2007	916	-2	749	12.2	64	100	448.35	587	124	2.0
S	Aug 2007	786	-13	634	10.3	98	42	448.28	585	97	1.6
T	Sep 2007	777	-7	555	9.3	91	134	447.77	576	92	1.5
	WY 2007	9241	-94	6803		689	1632			1514	
O	Oct 2007	635	2	455	7.4	27	164	447.28	566	80	1.3
R	Nov 2007	516	3	336	5.6	29	147	447.65	573	104	1.8
I	Dec 2007	396	10	270	4.4	35	118	446.77	557	128	2.1
C	Jan 2008	547	5	306	5.0	82	167	446.67	555	132	2.1
A	Feb 2008	717	-11	486	8.4	68	157	446.44	551	155	2.7
L	Mar 2008	974	-14	744	12.1	47	168	446.47	551	205	3.3
*	Apr 2008	1104	-9	838	14.1	77	166	447.25	566	202	3.4
	May 2008	1055	-14	745	12.1	99	174	448.50	589	109	1.8
	Jun 2008	915	-24	676	11.4	95	119	448.50	589	120	2.0
	Jul 2008	882	-17	709	11.5	85	80	448.00	580	124	2.0
	Aug 2008	789	-11	611	9.9	85	92	447.50	571	93	1.5
	Sep 2008	780	-12	548	9.2	83	150	446.81	557	89	1.5
	WY 2008	9310	-91	6723		812	1702			1540	
	Oct 2008	595	3	455	7.4	43	108	446.31	548	75	1.2
	Nov 2008	523	11	365	6.1	41	125	446.50	552	101	1.7
	Dec 2008	399	10	304	4.9	35	70	446.50	552	122	2.0
	Jan 2009	582	23	354	5.8	81	170	446.50	552	119	1.9
	Feb 2009	646	32	449	8.1	76	153	446.50	552	154	2.8
	Mar 2009	892	31	703	11.4	47	168	446.70	555	204	3.3
	Apr 2009	1052	-4	771	13.0	76	162	448.71	594	200	3.4
	May 2009	989	-14	730	11.9	82	163	448.71	594	109	1.8
	Jun 2009	839	-24	681	11.5	79	54	448.71	594	113	1.9
	Jul 2009	901	-17	734	11.9	81	83	448.00	580	119	1.9
	Aug 2009	795	-11	633	10.3	81	78	447.50	571	93	1.5
	Sep 2009	774	-12	570	9.6	79	126	446.81	557	89	1.5
	WY 2009	8985	26	6750		801	1460			1499	
	Oct 2009	581	3	476	7.7	28	89	446.31	548	74	1.2
	Nov 2009	526	11	386	6.5	26	122	446.50	552	103	1.7
	Dec 2009	441	10	324	5.3	6	121	446.50	552	122	2.0
	Jan 2010	578	35	352	5.7	85	176	446.50	552	119	1.9
	Feb 2010	656	28	446	8.0	80	158	446.50	552	154	2.8
	Mar 2010	930	-4	700	11.4	49	174	446.70	555	204	3.3
	Apr 2010	1066	-14	767	12.9	80	167	448.71	594	200	3.4

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Hoover Dam - Lake Mead

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Hoover Static Head Feet	Hoover Generator Capacity MW	Hoover Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	May 2007	1026	16.7	1115.89	12963	-463	0.00	1506.0	417.8	88	407.3
H	Jun 2007	958	16.1	1113.50	12735	-228	0.00	1742.0	384.0	100	400.9
I	Jul 2007	950	15.5	1111.58	12554	-181	0.00	1730.0	377.2	100	397.0
S	Aug 2007	803	13.1	1111.84	12578	24	0.00	1704.0	315.2	100	392.6
T	Sep 2007	656	11.0	1111.06	12505	-73	0.00	1500.0	252.9	88	385.6
	WY 2007	9450							3826.0		
O	Oct 2007	570	9.3	1110.95	12494	-10	0.00	1363.0	219.9	80	385.9
R	Nov 2007	575	9.7	1111.22	12520	25	0.00	1056.0	225.1	62	391.4
I	Dec 2007	477	7.8	1114.81	12860	340	0.00	1074.0	183.5	63	385.0
C	Jan 2008	672	10.9	1116.46	13017	158	0.00	1183.4	268.3	69	399.2
A	Feb 2008	659	11.5	1116.93	13062	45	0.00	1093.0	266.5	63	404.5
L	Mar 2008	1025	16.7	1115.65	12940	-123	0.00	1218.0	420.7	70	410.6
*	Apr 2008	1159	19.5	1110.61	12463	-477	0.00	1398.1	475.9	81	410.7
	May 2008	1151	18.7	1106.81	12109	-353	456.85	1481.6	480.6	87	417.6
	Jun 2008	928	15.6	1104.61	11908	-201	451.86	1692.0	377.4	100	406.7
	Jul 2008	866	14.1	1103.81	11835	-73	451.03	1686.0	354.5	100	409.5
	Aug 2008	814	13.2	1104.12	11863	29	451.27	1687.0	331.1	100	406.8
	Sep 2008	704	11.8	1104.74	11919	56	452.87	1689.0	283.3	100	402.3
	WY 2008	9599							3886.9		
	Oct 2008	467	7.6	1106.04	12039	119	460.21	1034.6	190.4	61	407.9
	Nov 2008	564	9.5	1106.45	12077	38	461.28	1255.0	229.5	74	406.7
	Dec 2008	541	8.8	1109.20	12331	254	460.54	1386.7	216.3	81	400.0
	Jan 2009	685	11.1	1111.15	12514	183	461.10	1275.0	280.9	74	409.8
	Feb 2009	660	11.9	1111.27	12525	11	459.70	1499.9	270.6	87	409.8
	Mar 2009	951	15.5	1108.10	12229	-296	458.32	1398.1	395.1	82	415.6
	Apr 2009	1080	18.2	1103.28	11787	-442	453.29	1487.2	445.6	88	412.5
	May 2009	1022	16.6	1101.47	11623	-164	450.12	1466.8	413.7	87	404.8
	Jun 2009	838	14.1	1102.99	11760	138	448.89	1694.0	341.8	100	407.7
	Jul 2009	912	14.8	1104.48	11896	135	450.88	1702.0	367.8	100	403.2
	Aug 2009	819	13.3	1107.47	12170	275	453.26	1719.0	334.8	100	408.7
	Sep 2009	698	11.7	1107.81	12202	32	456.06	1720.0	282.2	100	404.3
	WY 2009	9238							3768.7		
	Oct 2009	453	7.4	1109.19	12330	128	463.31	1049.2	185.0	61	408.2
	Nov 2009	568	9.5	1109.48	12357	27	464.36	1272.8	232.2	74	409.2
	Dec 2009	583	9.5	1111.75	12570	212	463.21	1410.4	237.0	82	406.6
	Jan 2010	677	11.0	1113.78	12762	192	462.90	1393.2	276.7	81	408.8
	Feb 2010	679	12.2	1113.34	12720	-42	463.46	1272.8	283.2	74	417.1
	Mar 2010	995	16.2	1109.65	12373	-347	459.57	1496.4	408.7	87	410.7
	Apr 2010	1097	18.4	1106.54	12085	-288	456.34	1410.4	458.3	82	417.9

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Davis Dam - Lake Mohave

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Davis Static Head Feet	Davis Generator Capacity MW	Davis Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	May 2007	996	16.2	644.29	1734	-8	0.00	255.0	126.4	100	126.9
H	Jun 2007	965	16.2	642.79	1693	-41	0.00	255.0	122.2	100	126.6
I	Jul 2007	916	14.9	642.89	1696	3	0.00	242.0	115.0	95	125.5
S	Aug 2007	786	12.8	642.45	1684	-12	0.00	255.0	99.2	100	126.3
T	Sep 2007	777	13.0	637.26	1545	-139	0.00	240.0	95.9	94	123.5
	WY 2007	9241							1148.3		
O	Oct 2007	635	10.3	634.21	1465	-79	0.00	201.0	76.0	79	119.8
R	Nov 2007	516	8.7	635.89	1509	43	0.00	171.0	61.8	67	119.8
I	Dec 2007	396	6.4	638.03	1565	56	0.00	181.0	48.9	71	123.4
C	Jan 2008	547	8.9	641.68	1663	98	0.00	158.1	67.9	62	124.1
A	Feb 2008	717	12.5	639.09	1593	-70	0.00	191.2	88.7	75	123.8
L	Mar 2008	974	15.8	640.01	1618	25	0.00	227.0	120.5	89	123.7
*	Apr 2008	1104	18.6	641.20	1650	32	0.00	255.0	135.8	100	123.0
	May 2008	1055	17.2	643.50	1712	63	135.36	255.0	130.9	100	124.0
	Jun 2008	915	15.4	643.00	1699	-14	136.30	255.0	114.7	100	125.4
	Jul 2008	882	14.3	641.50	1658	-41	135.25	255.0	110.0	100	124.8
	Aug 2008	789	12.8	641.50	1658	0	134.46	255.0	98.4	100	124.6
	Sep 2008	780	13.1	638.00	1564	-94	132.63	255.0	95.9	100	123.0
	WY 2008	9310							1149.6		
	Oct 2008	595	9.7	633.00	1434	-130	128.15	255.0	71.6	100	120.4
	Nov 2008	523	8.8	634.00	1460	26	126.25	247.3	62.2	97	118.9
	Dec 2008	399	6.5	638.71	1583	123	129.99	221.8	48.8	87	122.4
	Jan 2009	582	9.5	641.80	1666	83	136.14	158.1	72.6	62	124.7
	Feb 2009	646	11.6	641.80	1666	0	136.62	191.2	81.0	75	125.3
	Mar 2009	892	14.5	643.05	1700	34	136.20	227.0	111.4	89	124.9
	Apr 2009	1052	17.7	643.01	1699	-1	136.08	255.0	131.0	100	124.5
	May 2009	989	16.1	643.01	1699	0	136.05	255.0	123.6	100	124.9
	Jun 2009	839	14.1	642.00	1671	-28	135.52	255.0	104.9	100	125.1
	Jul 2009	901	14.6	641.50	1658	-14	134.73	255.0	111.9	100	124.3
	Aug 2009	795	12.9	641.50	1658	0	134.46	255.0	99.0	100	124.6
	Sep 2009	774	13.0	638.00	1564	-94	132.63	255.0	95.2	100	123.0
	WY 2009	8985							1113.1		
	Oct 2009	581	9.4	633.00	1434	-130	128.15	255.0	70.0	100	120.4
	Nov 2009	526	8.8	634.00	1460	26	126.25	247.3	62.6	97	118.9
	Dec 2009	441	7.2	638.71	1583	123	129.99	221.8	53.9	87	122.1
	Jan 2010	578	9.4	641.80	1666	83	136.14	158.1	72.1	62	124.7
	Feb 2010	656	11.8	641.80	1666	0	136.62	191.2	82.2	75	125.2
	Mar 2010	930	15.1	643.05	1700	34	136.20	227.0	116.0	89	124.7
	Apr 2010	1066	17.9	643.01	1699	-1	136.08	255.0	132.7	100	124.4

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Parker Dam - Lake Havasu

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Parker Static Head Feet	Parker Generator Capacity MW	Parker Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	May 2007	720	11.7	448.56	591	20	0.00	120.0	48.2	100	66.9
H	Jun 2007	721	12.1	448.30	586	-5	0.00	120.0	48.5	100	67.2
I	Jul 2007	749	12.2	448.35	587	1	0.00	120.0	50.1	100	66.9
S	Aug 2007	634	10.3	448.28	585	-1	0.00	120.0	43.0	100	67.8
T	Sep 2007	555	9.3	447.77	576	-10	0.00	95.0	37.8	79	68.3
	WY 2007	6804							455.2		
O	Oct 2007	455	7.4	447.28	566	-9	0.00	90.0	31.5	75	69.3
R	Nov 2007	336	5.6	447.65	573	7	0.00	79.0	23.0	66	68.7
I	Dec 2007	270	4.4	446.77	557	-16	0.00	79.0	17.9	66	66.5
C	Jan 2008	306	5.0	446.67	555	-2	0.00	85.2	20.3	71	66.5
A	Feb 2008	486	8.4	446.44	551	-4	0.00	90.0	32.6	75	67.2
L	Mar 2008	744	12.1	446.47	551	1	0.00	90.0	49.8	75	67.0
*	Apr 2008	838	14.1	447.25	566	14	0.00	90.0	55.0	75	65.6
	May 2008	745	12.1	448.50	589	24	76.66	90.0	50.2	75	67.4
	Jun 2008	676	11.4	448.50	589	0	75.86	120.0	44.8	100	66.3
	Jul 2008	709	11.5	448.00	580	-9	75.61	120.0	46.9	100	66.2
	Aug 2008	611	9.9	447.50	571	-10	75.13	120.0	40.0	100	65.5
	Sep 2008	548	9.2	446.81	557	-13	75.95	90.0	36.3	75	66.3
	WY 2008	6723							448.6		
	Oct 2008	455	7.4	446.31	548	-9	75.98	79.2	30.0	66	65.8
	Nov 2008	365	6.1	446.50	552	3	75.83	79.2	23.8	66	65.1
	Dec 2008	304	4.9	446.50	552	0	75.32	90.0	19.3	75	63.7
	Jan 2009	354	5.8	446.50	552	0	75.32	90.0	22.8	75	64.3
	Feb 2009	449	8.1	446.50	552	0	75.32	90.0	29.4	75	65.4
	Mar 2009	703	11.4	446.70	555	4	74.01	120.0	45.7	100	64.9
	Apr 2009	771	13.0	448.71	594	38	75.09	120.0	50.9	100	66.0
	May 2009	730	11.9	448.71	594	0	76.06	120.0	48.6	100	66.6
	Jun 2009	681	11.5	448.71	594	0	76.06	120.0	45.3	100	66.5
	Jul 2009	734	11.9	448.00	580	-14	75.72	120.0	48.7	100	66.3
	Aug 2009	633	10.3	447.50	571	-10	75.13	120.0	41.5	100	65.6
	Sep 2009	570	9.6	446.81	557	-13	75.95	90.0	37.8	75	66.4
	WY 2009	6750							443.7		
	Oct 2009	476	7.7	446.31	548	-9	75.98	79.2	31.4	66	66.0
	Nov 2009	386	6.5	446.50	552	3	75.83	79.2	25.2	66	65.3
	Dec 2009	324	5.3	446.50	552	0	75.92	79.2	20.9	66	64.5
	Jan 2010	352	5.7	446.50	552	0	75.32	90.0	22.6	75	64.3
	Feb 2010	446	8.0	446.50	552	0	75.32	90.0	29.2	75	65.4
	Mar 2010	700	11.4	446.70	555	4	74.01	120.0	45.4	100	64.9
	Apr 2010	767	12.9	448.71	594	38	75.09	120.0	50.6	100	66.0

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Upper Basin Power

		Glen Canyon 1000 MWHR	Flam Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Res 1000 MWHR	Font Res 1000 MWHR
*	May 2007	254	52	11	19	15	3
H	Jun 2007	343	26	13	18	15	3
I	Jul 2007	343	21	29	33	19	4
S	Aug 2007	340	20	32	36	20	3
T	Sep 2007	253	19	34	39	20	2
	Summer 2007	1532	138	118	145	89	15
O	Oct 2007	251	19	24	30	17	2
R	Nov 2007	252	19	18	22	12	2
I	Dec 2007	334	15	19	22	13	3
C	Jan 2008	330	19	25	31	15	2
A	Feb 2008	247	18	26	35	14	2
L	Mar 2008	299	19	14	16	9	2
	Winter 2008	1714	110	126	156	80	14
*	Apr 2008	280	20	38	55	23	2
	May 2008	314	69	51	77	23	5
	Jun 2008	327	37	50	73	22	9
	Jul 2008	355	29	55	66	23	10
	Aug 2008	355	28	35	42	23	8
	Sep 2008	327	29	36	42	22	6
	Summer 2008	1959	213	265	356	137	38
	Oct 2008	252	29	29	35	18	7
	Nov 2008	252	28	20	24	13	6
	Dec 2008	336	29	20	25	13	6
	Jan 2009	334	29	21	27	14	5
	Feb 2009	250	26	19	24	12	4
	Mar 2009	249	29	21	28	15	5
	Winter 2009	1673	171	130	165	85	33
	Apr 2009	250	28	19	28	15	6
	May 2009	363	53	16	29	20	7
	Jun 2009	452	62	18	29	21	9
	Jul 2009	476	42	34	41	23	10
	Aug 2009	475	42	36	43	22	10
	Sep 2009	320	40	33	39	20	6
	Summer 2009	2335	267	156	210	121	46
	Oct 2009	256	42	25	31	16	7
	Nov 2009	255	40	16	20	10	6
	Dec 2009	340	42	22	28	14	6
	Jan 2010	338	42	21	27	14	5
	Feb 2010	253	37	17	23	12	4
	Mar 2010	253	41	17	23	13	4
	Winter 2010	1695	244	119	151	78	33
	Apr 2010	333	40	20	30	16	6

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model_run_id = 2004

F L O O D C O N T R O L C R I T E R I A
B E G I N N I N G O F M O N T H C O N D I T I O N S

MON	YEAR	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	LAKE POWELL KAF	UPPER BASIN TOTAL KAF	LAKE MEAD KAF	TOTAL KAF	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	TOT OR MAX ALLOW KAF	LAKE POWELL KAF	LAKE MEAD KAF	TOTAL KAF	BOM SPACE REQD KAF	MEAD SCHED REL KAF	MEAD FC REL KAF	SYS CONT MAF
		* * * * P R E D I C T E D S P A C E * * * *							* * * * E F F E C T I V E S P A C E * * * *									
MAY	2008	938	419	336	13125	14817	14917	29735	363	419	174	956	13125	14917	28998	1500	1151	0	32.9
JUN	2008	917	284	215	11242	12657	15271	27927	335	284	23	642	11242	15271	27154	1500	928	0	35.1
JUL	2008	705	17	267	9251	10238	15472	25710	108	-5	30	133	9251	15472	24855	1500	866	0	35.6
									* * * * C R E D I T A B L E S P A C E * * * *									
AUG	2008	614	27	285	8757	9683	15545	25228	614	27	285	926	8757	15545	25228	1500	814	0	35.3
SEP	2008	618	54	290	8974	9937	15517	25453	618	54	290	963	8974	15517	25453	2270	704	0	34.9
OCT	2008	655	116	283	9196	10250	15461	25711	655	116	283	1054	9196	15461	25711	3040	467	0	34.8
NOV	2008	684	171	284	9248	10388	15341	25729	684	171	284	1139	9248	15341	25729	3810	564	0	34.7
DEC	2008	714	205	286	9299	10504	15303	25807	714	205	286	1205	9299	15303	25807	4580	541	0	34.7
JAN	2009	759	248	295	9594	10896	15049	25945	759	248	295	1302	9594	15049	25945	5350	685	0	34.6
									* * * * E F F E C T I V E S P A C E * * * *									
JAN	2009	759	248	295	9594	10896	15049	25945	477	248	233	958	9594	15049	25601	5350	685	0	34.6
FEB	2009	801	296	305	9909	11312	14866	26178	516	296	242	1055	9909	14866	25830	1500	660	0	34.4
MAR	2009	830	339	304	10056	11529	14855	26384	543	339	240	1122	10056	14855	26033	1500	951	0	34.1
APR	2009	811	378	259	10084	11533	15151	26684	519	378	190	1088	10084	15151	26322	1500	1080	0	34.0
MAY	2009	754	370	161	9954	11239	15593	26832	455	370	73	898	9954	15593	26445	1500	1022	0	35.0
JUN	2009	645	226	144	9091	10105	15757	25863	335	223	22	581	9091	15757	25428	1500	838	0	36.6
JUL	2009	431	38	214	7877	8561	15620	24180	106	12	43	161	7877	15620	23657	1500	912	0	36.9
									* * * * C R E D I T A B L E S P A C E * * * *									
AUG	2009	344	27	225	7799	8395	15484	23879	344	27	225	596	7799	15484	23879	1500	819	0	36.6
SEP	2009	376	72	250	8246	8944	15210	24154	376	72	250	698	8246	15210	24154	2270	698	0	36.2
OCT	2009	439	136	255	8434	9264	15178	24443	439	136	255	830	8434	15178	24443	3040	453	0	36.1
NOV	2009	501	178	254	8469	9401	15050	24451	501	178	254	932	8469	15050	24451	3810	568	0	36.0
DEC	2009	563	198	256	8502	9519	15023	24542	563	198	256	1017	8502	15023	24542	4580	583	0	35.9
JAN	2010	641	248	265	8760	9915	14810	24725	641	248	265	1155	8760	14810	24725	5350	677	0	35.8
									* * * * E F F E C T I V E S P A C E * * * *									
JAN	2010	641	248	265	8760	9915	14810	24725	327	248	247	821	8760	14810	24392	5350	677	0	35.8
FEB	2010	715	296	275	9045	10332	14618	24950	400	296	256	952	9045	14618	24615	1500	679	0	35.5
MAR	2010	774	334	274	9169	10550	14660	25210	457	334	253	1044	9169	14660	24872	1500	995	0	35.2
APR	2010	788	360	229	9179	10556	15007	25563	467	360	203	1030	9179	15007	25216	1500	1097	0	35.1

To: All Annual Operating Plan Recipients

From: Lower Colorado Region
Boulder Canyon Operations Office
River Operations Group
Douglas B. Blatchford, P.E.
P.O. Box 61470
Boulder City, NV 89006-1470
Phone: 702-293-8190

The operation of Lake Powell and Lake Mead in this 24 Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines). The Interim Guidelines are available for download at http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf

The Interim Guidelines contain provisions for specific April adjustments of the release from Lake Powell and the operation reflected in this 24 Month Study is consistent with such adjustments.

The April 24 Month study projected an end of water year elevation at Lake Powell of 3639.81 feet, with an annual release volume of 8.23 million acre-feet, which is above the equalization level for 2008 of 3636 feet. In accordance with Section 6.B.3 of the Interim Guidelines, the operation of Glen Canyon Dam will be governed by Section 6.A (Equalization Tier) for the remainder of Water Year 2008. Under the Equalization Tier, it is likely that the annual release from Glen Canyon Dam for Water Year 2008 will be greater than 8.23 million acre-feet. The June 24 Month Study projects the annual release to be 8.96 million acre-feet; however, the projected annual release will be updated each month throughout the remainder of the Water Year to achieve the operation specified in Section 6.A.1.

In this study, the Calendar Year (CY) 2008 diversion for Metropolitan Water District of Southern California (MWD) is forecasted to be 0.848 million acre-feet (maf). The CY 2008 diversion for the Central Arizona Project (CAP) is forecasted to be 1.559 maf. Consumptive use for Nevada above Hoover is forecasted to be 0.277 maf for CY 2008.

Due to declining Lake Mead elevations, Hoover’s generator capacity is adjusted based on estimated effective capacity and plant availability. The estimated effective capacity is based on projected Lake Mead elevations. Unit capacity tests will be performed as the lake elevation changes in 2' increments. This study reflects these changes in the projections.

Current runoff projections into Lake Powell are provided by the National Weather Service’s Colorado Basin River Forecast Center and are as follows: observed unregulated inflow into Lake Powell for the month of May, 2008 was 2.645 maf or 115% of the 30 year average. The forecast for June, 2008 unregulated inflow into Lake Powell is 3.8 maf or 123% of the 30 year average. The forecast for the April through July unregulated inflow period is projected to be 9.2 maf or 116% of average.

Hoover, Davis, and Parker historical gross energy figures come from PO&M reports provided by the Power and O&M Group, Boulder Canyon Operations, Bureau of Reclamation, Boulder City, Nevada. Questions regarding these historical energy numbers can be directed to Larry Karr at (702) 293-8094.

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T E M R E S E R V O I R S

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Fontenelle Reservoir

		Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Jun 2007	89	2	48	0	48	6489.96	228
H	Jul 2007	46	2	50	0	50	6489.09	222
I	Aug 2007	35	2	50	0	50	6486.48	205
S	Sep 2007	25	1	27	16	43	6483.42	186
	WY 2007	578	14	602	16	618		
T	Oct 2007	33	1	37	6	44	6481.38	175
O	Nov 2007	32	1	41	2	42	6479.48	164
R	Dec 2007	27	1	43	0	44	6476.19	147
I	Jan 2008	24	0	43	0	43	6472.00	128
C	Feb 2008	25	0	40	1	41	6468.13	111
A	Mar 2008	32	0	43	0	43	6465.20	100
L	Apr 2008	53	1	42	0	42	6467.95	111
*	May 2008	132	1	64	1	65	6481.73	177
	Jun 2008	260	2	103	29	132	6500.50	303
	Jul 2008	150	3	101	8	108	6505.53	342
	Aug 2008	60	2	72	0	72	6503.70	327
	Sep 2008	40	2	59	10	68	6499.73	297
	WY 2008	868	14	688	56	744		
	Oct 2008	44	1	71	0	71	6495.93	269
	Nov 2008	41	1	67	0	67	6492.16	243
	Dec 2008	32	1	69	0	69	6486.45	205
	Jan 2009	30	1	69	0	69	6479.70	165
	Feb 2009	27	0	62	0	62	6472.40	130
	Mar 2009	51	0	69	0	69	6468.17	112
	Apr 2009	89	1	86	0	86	6468.64	113
	May 2009	176	1	98	17	115	6481.14	173
	Jun 2009	308	2	103	76	179	6500.20	300
	Jul 2009	186	3	101	43	144	6505.29	340
	Aug 2009	83	2	98	0	98	6503.04	322
	Sep 2009	49	2	59	12	71	6499.84	298
	WY 2009	1115	15	951	148	1099		
	Oct 2009	49	1	74	0	74	6496.24	271
	Nov 2009	41	1	71	0	71	6491.79	240
	Dec 2009	32	1	74	0	74	6485.26	198
	Jan 2010	30	1	66	0	66	6478.86	161
	Feb 2010	27	0	59	0	59	6472.04	128
	Mar 2010	51	0	66	0	66	6468.53	113
	Apr 2010	89	1	89	0	89	6468.28	112
	May 2010	176	1	98	19	117	6480.57	170

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Flaming Gorge Reservoir

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Yampa Flow 1000 Ac-Ft	Jensen Flow 1000 Ac-Ft
*	Jun 2007	90	49	10	69	0	69	88	6023.89	3119	0	227
H	Jul 2007	42	45	13	55	0	55	87	6023.31	3098	0	81
I	Aug 2007	32	46	12	51	0	51	86	6022.87	3082	0	66
S	Sep 2007	23	40	10	49	0	49	85	6022.35	3063	0	72
	WY 2007	744	784	77	777	0	777					2764
T	Oct 2007	35	46	7	49	1	50	85	6022.07	3053	0	95
O	Nov 2007	33	42	3	49	0	49	85	6021.81	3044	0	83
R	Dec 2007	21	37	2	41	9	50	84	6021.40	3029	0	83
I	Jan 2008	24	43	2	50	0	50	84	6021.15	3020	0	0
C	Feb 2008	33	49	2	47	0	47	84	6021.15	3020	0	327
A	Mar 2008	59	70	3	50	0	50	84	6021.55	3035	0	141
L	Apr 2008	79	69	5	53	0	53	85	6021.85	3045	0	231
*	May 2008	176	110	7	101	0	101	85	6021.85	3045	0	792
	Jun 2008	340	212	10	210	0	210	84	6021.62	3037	0	210
	Jul 2008	190	148	13	74	0	74	86	6023.27	3097	0	74
	Aug 2008	70	82	12	74	0	74	86	6023.18	3093	0	74
	Sep 2008	48	76	11	71	0	71	86	6023.03	3088	0	71
	WY 2008	1108	985	77	870	10	880					2182
	Oct 2008	54	80	7	74	0	74	86	6023.02	3088	0	74
	Nov 2008	51	77	3	71	0	71	86	6023.08	3090	0	71
	Dec 2008	37	74	2	74	0	74	86	6023.04	3088	0	74
	Jan 2009	41	80	2	74	0	74	86	6023.16	3093	0	74
	Feb 2009	45	80	2	67	0	67	87	6023.47	3104	0	67
	Mar 2009	103	121	3	74	0	74	88	6024.64	3147	0	74
	Apr 2009	142	140	5	71	0	71	90	6026.29	3208	0	71
	May 2009	263	202	8	161	0	161	91	6027.17	3241	0	161
	Jun 2009	400	270	10	157	0	157	94	6029.79	3341	0	157
	Jul 2009	219	177	14	112	0	112	96	6031.07	3390	0	112
	Aug 2009	97	112	13	112	0	112	96	6030.74	3378	0	112
	Sep 2009	58	81	11	109	0	109	94	6029.77	3340	0	109
	WY 2009	1511	1495	80	1155	0	1155					1155
	Oct 2009	59	85	7	112	0	112	93	6028.89	3306	0	112
	Nov 2009	51	82	3	109	0	109	92	6028.12	3277	0	109
	Dec 2009	37	79	2	112	0	112	91	6027.22	3243	0	112
	Jan 2010	41	77	2	112	0	112	90	6026.26	3207	0	112
	Feb 2010	45	78	2	101	0	101	89	6025.59	3182	0	101
	Mar 2010	103	118	3	112	0	112	89	6025.66	3185	0	112
	Apr 2010	142	143	5	109	0	109	90	6026.42	3213	0	109
	May 2010	263	204	8	170	0	170	91	6027.10	3238	0	170

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Taylor Park Reservoir

	Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
* Jun 2007	27	23	9327.98	102
H Jul 2007	15	25	9322.65	92
I Aug 2007	10	18	9318.20	84
S Sep 2007	8	14	9314.67	78
WY 2007	130	125		
T Oct 2007	7	7	9314.68	78
O Nov 2007	4	4	9314.68	78
R Dec 2007	5	5	9314.89	78
I Jan 2008	5	4	9315.09	78
C Feb 2008	4	4	9314.99	78
A Mar 2008	4	7	9313.24	75
L Apr 2008	7	19	9305.56	63
* May 2008	36	29	9310.30	70
Jun 2008	75	45	9327.08	100
Jul 2008	36	40	9325.03	96
Aug 2008	16	28	9318.58	84
Sep 2008	9	18	9313.65	76
WY 2008	209	211		
Oct 2008	7	12	9310.71	71
Nov 2008	5	5	9310.64	71
Dec 2008	4	5	9310.28	70
Jan 2009	4	5	9309.77	70
Feb 2009	4	5	9308.95	68
Mar 2009	4	5	9308.47	67
Apr 2009	8	10	9307.39	66
May 2009	27	16	9314.33	77
Jun 2009	43	20	9326.84	100
Jul 2009	20	20	9327.05	100
Aug 2009	10	20	9321.84	90
Sep 2009	7	14	9317.97	83
WY 2009	144	137		
Oct 2009	6	12	9314.56	77
Nov 2009	5	6	9313.90	76
Dec 2009	4	5	9313.55	76
Jan 2010	4	5	9313.06	75
Feb 2010	4	5	9312.39	74
Mar 2010	4	5	9311.93	73
Apr 2010	8	12	9309.65	69
May 2010	27	18	9315.23	79

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Blue Mesa Reservoir

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Jun 2007	174	169	1	47	0	47	7514.60	786
H	Jul 2007	81	91	2	99	0	99	7513.48	776
I	Aug 2007	75	83	1	109	0	109	7510.40	749
S	Sep 2007	50	56	1	117	0	117	7503.06	687
	WY 2007	895	889	9	861	0	861		
T	Oct 2007	48	48	1	85	0	85	7498.53	649
O	Nov 2007	31	31	0	65	0	65	7494.31	615
R	Dec 2007	33	33	0	67	0	67	7489.90	581
I	Jan 2008	33	33	0	93	0	93	7481.92	520
C	Feb 2008	31	31	0	97	0	97	7472.73	454
A	Mar 2008	36	39	0	53	0	53	7470.50	439
L	Apr 2008	107	119	1	147	0	147	7466.24	411
*	May 2008	318	312	1	199	50	250	7475.27	472
	Jun 2008	500	470	1	160	0	160	7513.98	781
	Jul 2008	195	199	2	175	0	175	7516.48	803
	Aug 2008	95	107	1	114	0	114	7515.57	795
	Sep 2008	49	58	1	117	0	117	7508.74	735
	WY 2008	1477	1480	8	1373	50	1424		
	Oct 2008	41	46	1	97	0	97	7502.68	684
	Nov 2008	31	31	0	68	0	68	7498.13	646
	Dec 2008	25	26	0	90	0	90	7490.00	581
	Jan 2009	24	25	0	73	0	73	7483.66	533
	Feb 2009	22	23	0	65	0	65	7477.92	491
	Mar 2009	34	35	0	74	0	74	7472.31	452
	Apr 2009	73	75	1	66	0	66	7473.50	460
	May 2009	212	201	1	56	0	56	7492.85	604
	Jun 2009	271	248	1	60	0	60	7515.06	790
	Jul 2009	121	120	2	107	0	107	7516.40	803
	Aug 2009	62	72	1	116	0	116	7511.27	757
	Sep 2009	36	43	1	106	0	106	7503.83	693
	WY 2009	952	945	9	978	0	978		
	Oct 2009	35	41	1	82	0	82	7498.81	652
	Nov 2009	31	32	0	52	0	52	7496.28	631
	Dec 2009	25	26	0	75	0	75	7490.01	581
	Jan 2010	24	25	0	73	0	73	7483.67	533
	Feb 2010	22	23	0	60	0	60	7478.60	496
	Mar 2010	34	35	0	61	0	61	7474.89	469
	Apr 2010	73	77	1	72	0	72	7475.49	474
	May 2010	212	203	1	67	0	67	7493.46	609

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Morrow Point Reservoir

		Unreg Inflow 1000 Ac-Ft	Blue_Mesa Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Evap losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Jun 2007	179	47	4	51	0	52	0	52	7153.84	112
H	Jul 2007	73	99	-7	92	0	92	0	92	7153.52	112
I	Aug 2007	67	109	-8	101	0	100	0	100	7154.39	113
S	Sep 2007	41	117	-8	109	0	107	0	107	7156.75	114
	WY 2007	883	861	-12	848	1	839	0	839		
T	Oct 2007	43	85	-5	80	0	85	0	85	7150.81	110
O	Nov 2007	28	65	-3	62	0	63	0	63	7149.32	109
R	Dec 2007	31	67	-3	65	0	62	0	62	7152.91	111
I	Jan 2008	29	93	-4	89	0	87	0	87	7156.26	114
C	Feb 2008	26	97	-5	92	0	99	0	99	7146.95	107
A	Mar 2008	34	53	-2	52	0	45	0	45	7155.12	113
L	Apr 2008	109	147	1	148	0	153	0	153	7149.81	109
*	May 2008	343	250	25	275	0	255	24	278	7144.87	105
	Jun 2008	545	160	45	205	0	198	0	198	7153.73	112
	Jul 2008	223	175	28	203	0	203	0	203	7153.73	112
	Aug 2008	100	114	5	119	0	119	0	119	7153.73	112
	Sep 2008	53	117	4	121	0	121	0	121	7153.73	112
	WY 2008	1565	1424	87	1511	0	1489	24	1513		
	Oct 2008	45	97	3	100	0	100	0	100	7153.73	112
	Nov 2008	33	68	2	70	0	70	0	70	7153.73	112
	Dec 2008	27	90	2	92	0	92	0	92	7153.73	112
	Jan 2009	26	73	2	75	0	75	0	75	7153.73	112
	Feb 2009	25	65	3	68	0	68	0	68	7153.73	112
	Mar 2009	38	74	4	78	0	78	0	78	7153.73	112
	Apr 2009	84	66	11	77	0	77	0	77	7153.73	112
	May 2009	237	56	25	81	0	81	0	81	7153.73	112
	Jun 2009	292	60	21	81	0	81	0	81	7153.73	112
	Jul 2009	127	107	7	113	0	113	0	113	7153.73	112
	Aug 2009	65	116	4	120	0	120	0	120	7153.73	112
	Sep 2009	39	106	3	109	0	109	0	109	7153.73	112
	WY 2009	1039	978	87	1064	0	1064	0	1064		
	Oct 2009	38	82	3	85	0	85	0	85	7153.73	112
	Nov 2009	33	52	2	54	0	54	0	54	7153.73	112
	Dec 2009	27	75	2	77	0	77	0	77	7153.73	112
	Jan 2010	26	73	2	75	0	75	0	75	7153.73	112
	Feb 2010	25	60	3	63	0	63	0	63	7153.73	112
	Mar 2010	38	61	4	65	0	65	0	65	7153.73	112
	Apr 2010	84	72	11	83	0	83	0	83	7153.73	112
	May 2010	237	67	25	92	0	92	0	92	7153.73	112

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Crystal Reservoir

	unreg Inflow 1000 Ac-Ft	Morrow Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Tunnel Flow 1000 Ac-Ft	Below_tunnel Flow 1000 Ac-Ft
* Jun 2007	200	52	21	73	74	0	74	6745.12	15	51	28
H Jul 2007	80	92	7	99	98	0	98	6748.50	16	66	37
I Aug 2007	74	100	7	107	108	0	108	6744.63	15	63	51
S Sep 2007	46	107	5	112	112	0	112	6746.25	15	56	62
WY 2007	991	839	108	947	907	39	946			363	632
T Oct 2007	48	85	5	90	90	0	90	6745.51	15	38	54
O Nov 2007	32	63	4	67	66	0	66	6748.78	16	1	70
R Dec 2007	35	62	5	67	68	0	68	6742.95	14	1	73
I Jan 2008	34	87	5	91	77	13	90	6748.45	16	1	94
C Feb 2008	30	99	4	103	72	31	103	6749.17	16	1	108
A Mar 2008	41	45	6	52	52	0	52	6749.59	16	1	54
L Apr 2008	124	153	16	168	127	40	168	6751.31	16	23	150
* May 2008	388	278	45	323	130	191	321	6760.22	19	54	275
Jun 2008	610	198	65	263	130	136	265	6753.04	17	60	205
Jul 2008	248	203	25	228	134	94	228	6753.04	17	65	163
Aug 2008	115	119	15	134	134	0	134	6753.04	17	65	69
Sep 2008	62	121	9	130	130	0	130	6753.04	17	55	75
WY 2008	1768	1513	203	1716	1209	505	1714			365	1390
Oct 2008	53	100	8	108	108	0	108	6753.04	17	30	78
Nov 2008	38	70	5	75	75	0	75	6753.04	17	0	75
Dec 2008	32	92	5	97	97	0	97	6753.04	17	0	97
Jan 2009	31	75	5	80	80	0	80	6753.04	17	0	80
Feb 2009	29	68	4	72	72	0	72	6753.04	17	0	72
Mar 2009	46	78	7	85	85	0	85	6753.04	17	5	80
Apr 2009	96	77	12	89	89	0	89	6753.04	17	30	59
May 2009	272	81	35	116	116	0	116	6753.04	17	55	61
Jun 2009	330	81	38	119	119	0	119	6753.04	17	60	59
Jul 2009	144	113	17	130	130	0	130	6753.04	17	65	65
Aug 2009	74	120	8	128	128	0	128	6753.04	17	65	63
Sep 2009	45	109	6	115	115	0	115	6753.04	17	55	60
WY 2009	1191	1064	152	1217	1217	0	1217			365	852
Oct 2009	44	85	7	91	91	0	91	6753.04	17	30	61
Nov 2009	38	54	5	59	59	0	59	6753.04	17	0	59
Dec 2009	32	77	5	82	82	0	82	6753.04	17	0	82
Jan 2010	31	75	5	80	80	0	80	6753.04	17	0	80
Feb 2010	29	63	4	67	67	0	67	6753.04	17	0	67
Mar 2010	46	65	7	72	72	0	72	6753.04	17	5	67
Apr 2010	96	83	12	95	95	0	95	6753.04	17	30	65
May 2010	272	92	35	127	127	0	127	6753.04	17	55	72

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Vallecito Reservoir

	Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
* Jun 2007	67	68	7664.36	124
H Jul 2007	23	41	7657.48	106
I Aug 2007	27	34	7654.84	99
S Sep 2007	18	34	7648.41	83
WY 2007	330	327		
T Oct 2007	15	31	7641.28	67
O Nov 2007	7	4	7642.40	69
R Dec 2007	8	3	7644.42	74
I Jan 2008	6	4	7645.29	76
C Feb 2008	6	17	7640.08	65
A Mar 2008	11	36	7626.73	39
L Apr 2008	33	29	7628.85	43
* May 2008	77	38	7647.76	82
Jun 2008	100	56	7665.00	125
Jul 2008	30	43	7659.88	112
Aug 2008	20	40	7651.80	91
Sep 2008	18	33	7645.17	76
WY 2008	331	335		
Oct 2008	13	19	7642.44	70
Nov 2008	8	6	7643.40	72
Dec 2008	6	5	7643.97	73
Jan 2009	5	5	7644.19	73
Feb 2009	5	4	7644.35	74
Mar 2009	8	5	7645.79	77
Apr 2009	22	12	7649.93	87
May 2009	69	43	7660.25	113
Jun 2009	78	64	7664.95	125
Jul 2009	31	43	7660.16	113
Aug 2009	19	40	7651.76	91
Sep 2009	17	30	7646.23	78
WY 2009	281	275		
Oct 2009	13	15	7645.23	76
Nov 2009	8	4	7647.01	80
Dec 2009	6	4	7647.82	82
Jan 2010	5	5	7647.86	82
Feb 2010	5	5	7647.86	82
Mar 2010	8	5	7649.07	85
Apr 2010	22	10	7653.88	96
May 2010	69	44	7663.51	121

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Navajo Reservoir

	Mod_Unreg Inflow 1000 Ac-Ft	Azetea Tunnel_Div 1000 Ac-Ft	Reg Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	NIIP Diversion 1000 ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Farm Flow 1000 Ac-Ft
* Jun 2007	182	27	154	5	37	73	6079.68	1620	169
H Jul 2007	33	4	46	5	38	46	6076.77	1577	81
I Aug 2007	61	7	59	4	33	48	6074.98	1551	82
S Sep 2007	27	2	41	3	23	56	6072.10	1510	80
WY 2007	1096	119	974	31	192	660			1160
T Oct 2007	41	0	57	2	10	46	6072.01	1509	79
O Nov 2007	19	0	17	1	1	43	6070.07	1482	57
R Dec 2007	46	0	40	1	0	42	6069.89	1479	67
I Jan 2008	26	0	24	1	0	47	6068.19	1456	69
C Feb 2008	38	0	48	1	0	122	6062.59	1381	160
A Mar 2008	147	6	167	2	6	219	6057.91	1321	284
L Apr 2008	242	27	214	2	21	152	6060.97	1360	240
* May 2008	328	45	243	4	31	149	6065.54	1420	301
Jun 2008	370	54	272	4	40	235	6064.99	1413	235
Jul 2008	90	33	70	5	43	32	6064.24	1403	32
Aug 2008	50	5	65	4	36	31	6063.85	1398	31
Sep 2008	47	1	61	3	21	30	6064.46	1406	30
WY 2008	1442	171	1280	28	210	1146			1584
Oct 2008	40	0	46	2	6	31	6064.99	1413	31
Nov 2008	33	0	31	1	0	30	6064.99	1413	30
Dec 2008	24	0	23	1	0	31	6064.33	1404	31
Jan 2009	22	0	21	1	0	31	6063.57	1394	31
Feb 2009	30	0	30	1	0	28	6063.66	1395	28
Mar 2009	88	4	81	2	4	31	6067.00	1439	31
Apr 2009	174	13	151	3	16	34	6074.05	1538	34
May 2009	279	33	219	4	30	200	6073.02	1523	200
Jun 2009	246	40	193	5	45	212	6068.08	1454	212
Jul 2009	74	13	73	5	49	31	6067.28	1443	31
Aug 2009	43	13	51	4	41	31	6065.47	1419	31
Sep 2009	42	4	51	3	24	30	6065.09	1414	30
WY 2009	1096	119	970	29	214	719			719
Oct 2009	38	0	40	2	6	31	6065.18	1415	31
Nov 2009	33	0	29	1	0	30	6065.01	1413	30
Dec 2009	24	0	22	1	0	31	6064.29	1403	31
Jan 2010	22	0	22	1	0	31	6063.56	1394	31
Feb 2010	30	0	30	1	0	28	6063.68	1395	28
Mar 2010	88	4	81	2	4	31	6067.04	1440	31
Apr 2010	174	13	149	3	16	34	6073.95	1536	34
May 2010	279	0	253	4	30	200	6075.26	1555	200

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Lake Powell

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	PowerPlant Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Bank Storage 1000 Ac-Ft	EOM Storage 1000 Ac-Ft	Lees Ferry 1000 Ac-Ft
*	Jun 2007	1308	1072	47	801	0	801	3611.50	18309	12882	811
H	Jul 2007	365	453	56	804	0	804	3607.35	18318	12465	819
I	Aug 2007	378	437	54	804	0	804	3603.58	18266	12095	818
S	Sep 2007	296	454	49	604	0	604	3601.87	18232	11929	617
	WY 2007	8231	8080	388	8230	0	8231				8397
T	Oct 2007	467	540	34	601	0	601	3600.62	18258	11809	612
O	Nov 2007	397	470	32	603	0	603	3598.63	18281	11620	615
R	Dec 2007	398	455	25	803	0	803	3594.64	18282	11246	814
I	Jan 2008	336	440	8	801	0	801	3590.66	18278	10880	813
C	Feb 2008	412	568	8	602	0	602	3590.66	18236	10880	613
A	Mar 2008	589	717	14	737	93	830	3589.77	18189	10800	848
L	Apr 2008	1003	986	22	679	0	679	3594.09	18079	11195	691
*	May 2008	2644	2384	28	790	0	790	3610.81	18028	12812	808
	Jun 2008	3800	3284	44	790	0	790	3632.02	18209	15081	790
	Jul 2008	1750	1632	54	840	0	840	3637.97	18264	15764	840
	Aug 2008	700	744	56	840	0	840	3636.76	18252	15624	840
	Sep 2008	532	627	48	776	0	776	3635.19	18238	15442	776
	WY 2008	13028	12847	374	8862	93	8955				9061
	Oct 2008	546	619	43	600	0	600	3634.99	18236	15420	600
	Nov 2008	523	578	36	600	0	600	3634.53	18232	15366	600
	Dec 2008	418	526	30	800	0	800	3632.06	18209	15085	800
	Jan 2009	384	475	22	800	0	800	3629.20	18184	14763	800
	Feb 2009	395	456	21	600	0	600	3627.83	18171	14611	600
	Mar 2009	628	589	26	600	0	600	3627.52	18169	14577	600
	Apr 2009	952	764	29	800	0	800	3626.97	18164	14516	800
	May 2009	2161	1887	40	900	0	900	3634.76	18234	15392	900
	Jun 2009	2808	2405	48	1110	0	1110	3644.55	18326	16547	1110
	Jul 2009	1345	1243	56	1145	0	1145	3644.87	18329	16585	1145
	Aug 2009	566	678	57	1145	0	1145	3640.81	18290	16099	1145
	Sep 2009	459	594	49	776	0	776	3639.00	18273	15886	776
	WY 2009	11187	10813	458	9876	0	9876				9876
	Oct 2009	506	605	44	600	0	600	3638.70	18271	15850	600
	Nov 2009	523	599	37	600	0	600	3638.40	18268	15815	600
	Dec 2009	418	550	30	800	0	800	3636.17	18247	15555	800
	Jan 2010	384	514	23	800	0	800	3633.68	18224	15269	800
	Feb 2010	395	486	21	600	0	600	3632.58	18214	15144	600
	Mar 2010	628	614	26	600	0	600	3632.48	18213	15133	600
	Apr 2010	952	807	30	790	0	790	3632.37	18212	15120	790
	May 2010	2161	1874	41	1100	0	1100	3638.26	18266	15799	1100

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Hoover Dam - Lake Mead

		Glen Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release CFS	SNWP Use 1000 Ac-Ft	Dwnstrm Reqmnts 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
*	Jun 2007	801	10	61	958	16.1	35	957	828	1113.50	12735
H	Jul 2007	804	67	76	950	15.5	39	949	816	1111.58	12554
I	Aug 2007	804	138	80	803	13.1	33	801	818	1111.84	12578
S	Sep 2007	604	63	66	656	11.0	24	653	813	1111.06	12505
	WY 2007	8231	677	633	9450		297	9420			
T	Oct 2007	601	32	48	570	9.3	26	564	812	1110.95	12494
O	Nov 2007	603	67	48	576	9.7	19	575	814	1111.22	12520
R	Dec 2007	803	95	42	477	7.8	17	467	836	1114.81	12860
I	Jan 2008	801	88	34	672	10.9	14	659	846	1116.46	13017
C	Feb 2008	602	147	32	659	11.5	11	658	849	1116.93	13062
A	Mar 2008	830	116	35	1025	16.7	17	1023	841	1115.65	12940
L	Apr 2008	679	40	44	1159	19.5	25	1155	810	1110.61	12463
*	May 2008	790	45	49	1113	18.1	26	1110	789	1107.05	12132
	Jun 2008	790	16	59	917	15.4	34	917	776	1104.97	11941
	Jul 2008	840	57	73	869	14.1	36	869	771	1104.13	11864
	Aug 2008	840	115	78	803	13.1	33	803	774	1104.55	11902
	Sep 2008	776	79	64	720	12.1	27	720	776	1105.00	11943
	WY 2008	8955	897	605	9559		286	9521			
	Oct 2008	600	68	47	501	8.2	27	501	782	1105.94	12030
	Nov 2008	600	68	47	574	9.6	16	574	784	1106.26	12059
	Dec 2008	800	61	41	553	9.0	10	553	800	1108.87	12301
	Jan 2009	800	126	34	685	11.1	13	685	811	1110.83	12484
	Feb 2009	600	116	31	660	11.9	13	660	812	1110.95	12495
	Mar 2009	600	87	34	951	15.5	16	951	793	1107.78	12199
	Apr 2009	800	74	42	1080	18.2	22	1080	776	1105.01	11945
	May 2009	900	65	48	1022	16.6	35	1022	768	1103.57	11813
	Jun 2009	1110	16	58	838	14.1	34	838	780	1105.58	11997
	Jul 2009	1145	57	74	912	14.8	33	912	791	1107.45	12169
	Aug 2009	1145	115	79	819	13.3	30	819	811	1110.79	12480
	Sep 2009	776	79	66	698	11.7	33	698	815	1111.38	12535
	WY 2009	9876	931	601	9295		281	9295			
	Oct 2009	600	68	48	453	7.4	31	453	823	1112.73	12663
	Nov 2009	600	68	48	568	9.5	23	568	825	1113.01	12689
	Dec 2009	800	61	42	583	9.5	11	583	839	1115.24	12901
	Jan 2010	800	128	35	677	11.0	13	677	851	1117.24	13093
	Feb 2010	600	78	32	679	12.2	13	679	848	1116.80	13051
	Mar 2010	600	76	35	995	16.2	16	995	826	1113.16	12703
	Apr 2010	790	63	43	1097	18.4	22	1097	807	1110.07	12413
	May 2010	1100	17	50	1033	16.8	35	1033	807	1110.07	12412

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Davis Dam - Lake Mohave

		Hoover Release 1000 Ac-Ft	Side inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Spill Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
*	Jun 2007	958	-34	965	0	965	16.2	642.79	1693
H	Jul 2007	950	-32	916	0	916	14.9	642.89	1696
I	Aug 2007	803	-29	786	0	786	12.8	642.45	1684
S	Sep 2007	656	-18	777	0	777	13.0	637.26	1545
	WY 2007	9450	-249	9241	0	9241			
T	Oct 2007	570	-14	635	0	635	10.3	634.21	1465
O	Nov 2007	576	-17	516	0	516	8.7	635.89	1509
R	Dec 2007	477	-24	396	0	396	6.4	638.03	1565
I	Jan 2008	672	-27	547	0	547	8.9	641.68	1663
C	Feb 2008	659	-12	717	0	717	12.5	639.09	1593
A	Mar 2008	1025	-26	974	0	974	15.8	640.01	1618
L	Apr 2008	1159	-23	1104	0	1104	18.6	641.20	1650
*	May 2008	1113	-45	993	0	993	16.2	643.95	1725
	Jun 2008	917	-27	916	0	916	15.4	643.00	1699
	Jul 2008	869	-25	872	0	872	14.2	642.00	1671
	Aug 2008	803	-25	792	0	792	12.9	641.50	1658
	Sep 2008	720	-18	796	0	796	13.4	638.00	1564
	WY 2008	9559	-282	9257	0	9257			
	Oct 2008	501	-2	629	0	629	10.2	633.00	1434
	Nov 2008	574	-16	532	0	532	8.9	634.00	1460
	Dec 2008	553	-19	412	0	412	6.7	638.71	1583
	Jan 2009	685	-20	582	0	582	9.5	641.80	1666
	Feb 2009	660	-14	646	0	646	11.6	641.80	1666
	Mar 2009	951	-25	892	0	892	14.5	643.05	1700
	Apr 2009	1080	-30	1052	0	1052	17.7	643.01	1699
	May 2009	1022	-33	989	0	989	16.1	643.01	1699
	Jun 2009	838	-27	839	0	839	14.1	642.00	1671
	Jul 2009	912	-25	901	0	901	14.6	641.50	1658
	Aug 2009	819	-25	795	0	795	12.9	641.50	1658
	Sep 2009	698	-18	774	0	774	13.0	638.00	1564
	WY 2009	9295	-253	9042	0	9042			
	Oct 2009	453	-2	581	0	581	9.4	633.00	1434
	Nov 2009	568	-16	526	0	526	8.8	634.00	1460
	Dec 2009	583	-19	441	0	441	7.2	638.71	1583
	Jan 2010	677	-16	578	0	578	9.4	641.80	1666
	Feb 2010	679	-23	656	0	656	11.8	641.80	1666
	Mar 2010	995	-31	930	0	930	15.1	643.05	1700
	Apr 2010	1097	-32	1066	0	1066	17.9	643.01	1699
	May 2010	1033	-28	1005	0	1005	16.3	643.01	1699

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Parker Dam - Lake Havasu

		Davis Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	MWD Diversion 1000 Ac-Ft	CAP diversion 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft	Flow_to Mexico 1000 Ac-Ft	Flow_to Mexico 1000 CFS
*	Jun 2007	965	-21	721	12.1	83	145	448.30	586	118	2.0
H	Jul 2007	916	-2	749	12.2	64	100	448.35	587	124	2.0
I	Aug 2007	786	-13	634	10.3	98	42	448.28	585	97	1.6
S	Sep 2007	777	-7	555	9.3	91	134	447.77	576	92	1.5
	WY 2007	9241	-94	6803		689	1632			1514	
T	Oct 2007	635	2	455	7.4	27	164	447.28	566	80	1.3
O	Nov 2007	516	3	336	5.6	29	147	447.65	573	103	1.7
R	Dec 2007	396	10	270	4.4	35	118	446.77	557	126	2.1
I	Jan 2008	547	5	306	5.0	81	167	446.67	555	132	2.1
C	Feb 2008	717	-11	486	8.4	67	157	446.44	551	155	2.7
A	Mar 2008	974	-15	744	12.1	46	168	446.47	551	205	3.3
L	Apr 2008	1104	-10	838	14.1	76	166	447.25	566	202	3.4
*	May 2008	993	-10	684	11.1	98	172	448.84	596	113	1.8
	Jun 2008	916	-24	678	11.4	95	126	448.50	589	116	1.9
	Jul 2008	872	-17	708	11.5	86	71	448.00	580	119	1.9
	Aug 2008	792	-11	627	10.2	86	78	447.50	571	93	1.5
	Sep 2008	796	-12	564	9.5	83	150	446.81	557	89	1.5
	WY 2008	9257	-90	6694		808	1685			1533	
	Oct 2008	629	3	471	7.7	62	108	446.31	548	74	1.2
	Nov 2008	532	11	381	6.4	34	125	446.50	552	103	1.7
	Dec 2008	412	10	316	5.1	35	70	446.50	552	118	1.9
	Jan 2009	582	23	354	5.8	81	170	446.50	552	119	1.9
	Feb 2009	646	32	449	8.1	76	153	446.50	552	154	2.8
	Mar 2009	892	31	703	11.4	47	168	446.70	555	204	3.3
	Apr 2009	1052	-4	771	13.0	76	162	448.71	594	200	3.4
	May 2009	989	-14	730	11.9	82	163	448.71	594	109	1.8
	Jun 2009	839	-24	681	11.5	79	54	448.71	594	113	1.9
	Jul 2009	901	-17	734	11.9	81	83	448.00	580	119	1.9
	Aug 2009	795	-11	633	10.3	81	78	447.50	571	93	1.5
	Sep 2009	774	-12	570	9.6	79	126	446.81	557	89	1.5
	WY 2009	9042	26	6795		813	1460			1497	
	Oct 2009	581	3	476	7.7	28	89	446.31	548	74	1.2
	Nov 2009	526	11	386	6.5	26	122	446.50	552	103	1.7
	Dec 2009	441	10	324	5.3	6	121	446.50	552	122	2.0
	Jan 2010	578	35	352	5.7	85	176	446.50	552	119	1.9
	Feb 2010	656	28	446	8.0	80	158	446.50	552	154	2.8
	Mar 2010	930	-4	700	11.4	49	174	446.70	555	204	3.3
	Apr 2010	1066	-14	767	12.9	80	167	448.71	594	200	3.4
	May 2010	1005	-25	726	11.8	85	168	448.71	594	181	2.9

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Hoover Dam - Lake Mead

	Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Hoover Static Head Feet	Hoover Generator Capacity MW	Hoover Gross Energy MKWH	Percent Of Units Available	KWH/AF
* Jun 2007	958	16.1	1113.50	12735	-228	0.00	1742.0	384.0	100	400.9
H Jul 2007	950	15.5	1111.58	12554	-181	0.00	1730.0	377.2	100	397.0
I Aug 2007	803	13.1	1111.84	12578	24	0.00	1704.0	315.2	100	392.6
S Sep 2007	656	11.0	1111.06	12505	-73	0.00	1500.0	252.9	88	385.6
WY 2007	9450							3826.0		
T Oct 2007	570	9.3	1110.95	12494	-10	0.00	1363.0	219.9	80	385.9
O Nov 2007	575	9.7	1111.22	12520	25	0.00	1056.0	225.1	62	391.4
R Dec 2007	477	7.8	1114.81	12860	340	0.00	1074.0	183.5	63	385.0
I Jan 2008	672	10.9	1116.46	13017	158	0.00	1183.4	268.3	69	399.2
C Feb 2008	659	11.5	1116.93	13062	45	0.00	1093.0	266.5	63	404.5
A Mar 2008	1025	16.7	1115.65	12940	-123	0.00	1218.0	420.7	70	410.6
L Apr 2008	1159	19.5	1110.61	12463	-477	0.00	1398.1	475.9	81	410.7
* May 2008	1113	18.1	1107.05	12132	-331	0.00	1481.6	445.7	87	400.5
Jun 2008	917	15.4	1104.97	11941	-191	452.01	1694.0	372.4	100	406.2
Jul 2008	869	14.1	1104.13	11864	-77	451.20	1689.0	356.2	100	409.8
Aug 2008	803	13.1	1104.55	11902	38	451.48	1691.0	326.3	100	406.3
Sep 2008	720	12.1	1105.00	11943	41	453.21	1695.0	290.9	100	403.8
WY 2008	9558							3851.4		
Oct 2008	501	8.2	1105.94	12030	87	460.30	1038.2	206.5	61	411.9
Nov 2008	574	9.6	1106.26	12059	29	461.14	1261.0	233.7	74	407.5
Dec 2008	553	9.0	1108.87	12301	242	460.29	1393.2	222.1	81	401.4
Jan 2009	685	11.1	1110.83	12484	183	460.67	1298.2	280.5	75	409.3
Feb 2009	660	11.9	1110.95	12495	11	460.81	1281.7	273.0	74	413.5
Mar 2009	951	15.5	1107.78	12199	-296	458.00	1405.5	394.8	82	415.3
Apr 2009	1080	18.2	1105.01	11945	-254	455.30	1281.4	452.1	76	418.4
May 2009	1022	16.6	1103.57	11813	-132	450.61	1676.0	410.7	100	401.8
Jun 2009	838	14.1	1105.58	11997	184	451.22	1685.0	343.4	100	409.7
Jul 2009	912	14.8	1107.45	12169	172	453.64	1693.0	369.8	100	405.4
Aug 2009	819	13.3	1110.79	12480	311	456.39	1710.0	336.8	100	411.2
Sep 2009	698	11.7	1111.38	12535	55	459.49	1712.0	284.0	100	406.9
WY 2009	9295							3807.6		
Oct 2009	453	7.4	1112.73	12663	127	464.55	1410.4	183.9	82	405.8
Nov 2009	568	9.5	1113.01	12689	27	467.88	1272.8	233.7	74	411.8
Dec 2009	583	9.5	1115.24	12901	212	466.82	1393.2	238.6	81	409.3
Jan 2010	677	11.0	1117.24	13093	192	467.03	1290.0	279.6	75	413.2
Feb 2010	679	12.2	1116.80	13051	-42	466.91	1272.8	285.0	74	419.8
Mar 2010	995	16.2	1113.16	12703	-348	463.58	1410.4	413.6	82	415.6
Apr 2010	1097	18.4	1110.07	12413	-290	460.50	1307.2	464.7	76	423.8
May 2010	1033	16.8	1110.07	12412	-1	456.35	1720.0	420.4	100	407.2

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Davis Dam - Lake Mohave

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Davis Static Head Feet	Davis Generator Capacity MW	Davis Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Jun 2007	965	16.2	642.79	1693	-41	0.00	255.0	122.2	100	126.6
H	Jul 2007	916	14.9	642.89	1696	3	0.00	242.0	115.0	95	125.5
I	Aug 2007	786	12.8	642.45	1684	-12	0.00	255.0	99.2	100	126.3
S	Sep 2007	777	13.0	637.26	1545	-139	0.00	240.0	95.9	94	123.5
	WY 2007	9241							1148.3		
T	Oct 2007	635	10.3	634.21	1465	-79	0.00	201.0	76.0	79	119.8
O	Nov 2007	516	8.7	635.89	1509	43	0.00	171.0	61.8	67	119.8
R	Dec 2007	396	6.4	638.03	1565	56	0.00	181.0	48.9	71	123.4
I	Jan 2008	547	8.9	641.68	1663	98	0.00	158.1	67.9	62	124.1
C	Feb 2008	717	12.5	639.09	1593	-70	0.00	191.2	88.7	75	123.8
A	Mar 2008	974	15.8	640.01	1618	25	0.00	227.0	120.5	89	123.7
L	Apr 2008	1104	18.6	641.20	1650	32	0.00	255.0	135.8	100	123.0
*	May 2008	993	16.2	643.95	1725	75	0.00	255.0	123.5	100	124.4
	Jun 2008	916	15.4	643.00	1699	-26	136.52	255.0	115.0	100	125.6
	Jul 2008	872	14.2	642.00	1671	-27	135.51	255.0	109.0	100	125.1
	Aug 2008	792	12.9	641.50	1658	-14	134.73	255.0	98.9	100	124.8
	Sep 2008	796	13.4	638.00	1564	-94	132.63	255.0	97.8	100	122.9
	WY 2008	9257							1143.9		
	Oct 2008	629	10.2	633.00	1434	-130	128.15	255.0	75.6	100	120.2
	Nov 2008	532	8.9	634.00	1460	26	126.25	247.3	63.3	97	118.8
	Dec 2008	412	6.7	638.71	1583	123	129.99	221.8	50.4	87	122.3
	Jan 2009	582	9.5	641.80	1666	83	136.14	158.1	72.6	62	124.7
	Feb 2009	646	11.6	641.80	1666	0	136.62	191.2	81.0	75	125.3
	Mar 2009	892	14.5	643.05	1700	34	136.20	227.0	111.4	89	124.9
	Apr 2009	1052	17.7	643.01	1699	-1	136.08	255.0	131.0	100	124.5
	May 2009	989	16.1	643.01	1699	0	136.05	255.0	123.6	100	124.9
	Jun 2009	839	14.1	642.00	1671	-28	135.52	255.0	104.9	100	125.1
	Jul 2009	901	14.6	641.50	1658	-14	134.73	255.0	111.9	100	124.3
	Aug 2009	795	12.9	641.50	1658	0	134.46	255.0	99.0	100	124.6
	Sep 2009	774	13.0	638.00	1564	-94	132.63	255.0	95.2	100	123.0
	WY 2009	9042							1119.7		
	Oct 2009	581	9.4	633.00	1434	-130	128.15	255.0	70.0	100	120.4
	Nov 2009	526	8.8	634.00	1460	26	126.25	247.3	62.6	97	118.9
	Dec 2009	441	7.2	638.71	1583	123	129.99	221.8	53.9	87	122.1
	Jan 2010	578	9.4	641.80	1666	83	136.14	158.1	72.1	62	124.7
	Feb 2010	656	11.8	641.80	1666	0	136.62	191.2	82.2	75	125.2
	Mar 2010	930	15.1	643.05	1700	34	136.20	227.0	116.0	89	124.7
	Apr 2010	1066	17.9	643.01	1699	-1	136.08	255.0	132.7	100	124.4
	May 2010	1005	16.3	643.01	1699	0	136.05	255.0	125.4	100	124.9

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Parker Dam - Lake Havasu

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Parker Static Head Feet	Parker Generator Capacity MW	Parker Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Jun 2007	721	12.1	448.30	586	-5	0.00	120.0	48.5	100	67.2
H	Jul 2007	749	12.2	448.35	587	1	0.00	120.0	50.1	100	66.9
I	Aug 2007	634	10.3	448.28	585	-1	0.00	120.0	43.0	100	67.8
S	Sep 2007	555	9.3	447.77	576	-10	0.00	95.0	37.8	79	68.3
	WY 2007	6804							455.2		
T	Oct 2007	455	7.4	447.28	566	-9	0.00	90.0	31.5	75	69.3
O	Nov 2007	336	5.6	447.65	573	7	0.00	79.0	23.0	66	68.7
R	Dec 2007	270	4.4	446.77	557	-16	0.00	79.0	17.9	66	66.5
I	Jan 2008	306	5.0	446.67	555	-2	0.00	85.2	20.3	71	66.5
C	Feb 2008	486	8.4	446.44	551	-4	0.00	90.0	32.6	75	67.2
A	Mar 2008	744	12.1	446.47	551	1	0.00	90.0	49.8	75	67.0
L	Apr 2008	838	14.1	447.25	566	14	0.00	90.0	55.0	75	65.6
*	May 2008	684	11.1	448.84	596	30	0.00	90.0	46.4	75	67.9
	Jun 2008	678	11.4	448.50	589	-7	77.24	93.6	45.9	78	67.7
	Jul 2008	708	11.5	448.00	580	-9	75.61	120.0	46.8	100	66.2
	Aug 2008	627	10.2	447.50	571	-10	75.13	120.0	41.1	100	65.6
	Sep 2008	564	9.5	446.81	557	-13	75.95	90.0	37.4	75	66.3
	WY 2008	6694							447.9		
	Oct 2008	471	7.7	446.31	548	-9	75.98	79.2	31.1	66	65.9
	Nov 2008	381	6.4	446.50	552	3	75.83	79.2	24.9	66	65.2
	Dec 2008	316	5.1	446.50	552	0	75.32	90.0	20.2	75	63.8
	Jan 2009	354	5.8	446.50	552	0	75.32	90.0	22.8	75	64.3
	Feb 2009	449	8.1	446.50	552	0	75.32	90.0	29.4	75	65.4
	Mar 2009	703	11.4	446.70	555	4	74.01	120.0	45.7	100	64.9
	Apr 2009	771	13.0	448.71	594	38	75.09	120.0	50.9	100	66.0
	May 2009	730	11.9	448.71	594	0	76.06	120.0	48.6	100	66.6
	Jun 2009	681	11.5	448.71	594	0	76.06	120.0	45.3	100	66.5
	Jul 2009	734	11.9	448.00	580	-14	75.72	120.0	48.7	100	66.3
	Aug 2009	633	10.3	447.50	571	-10	75.13	120.0	41.5	100	65.6
	Sep 2009	570	9.6	446.81	557	-13	75.95	90.0	37.8	75	66.4
	WY 2009	6795							446.7		
	Oct 2009	476	7.7	446.31	548	-9	75.98	79.2	31.4	66	66.0
	Nov 2009	386	6.5	446.50	552	3	75.83	79.2	25.2	66	65.3
	Dec 2009	324	5.3	446.50	552	0	75.92	79.2	20.9	66	64.5
	Jan 2010	352	5.7	446.50	552	0	75.32	90.0	22.6	75	64.3
	Feb 2010	446	8.0	446.50	552	0	75.32	90.0	29.2	75	65.4
	Mar 2010	700	11.4	446.70	555	4	74.01	120.0	45.4	100	64.9
	Apr 2010	767	12.9	448.71	594	38	75.09	120.0	50.6	100	66.0
	May 2010	726	11.8	448.71	594	0	76.06	120.0	48.3	100	66.6

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Upper Basin Power

		Glen Canyon 1000 MWHR	Flam Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Res 1000 MWHR	Font Res 1000 MWHR
*	Jun 2007	343	26	13	18	15	3
H	Jul 2007	343	21	29	33	19	4
I	Aug 2007	340	20	32	36	20	3
S	Sep 2007	253	19	34	39	20	2
	Summer 2007	1278	86	107	126	74	12
T	Oct 2007	251	19	24	30	17	2
O	Nov 2007	252	19	18	22	12	2
R	Dec 2007	334	15	19	22	13	3
I	Jan 2008	330	19	25	31	15	2
C	Feb 2008	247	18	26	35	14	2
A	Mar 2008	299	19	14	16	9	2
	Winter 2008	1714	110	126	156	80	14
L	Apr 2008	280	20	38	55	23	2
*	May 2008	333	39	52	92	23	4
	Jun 2008	326	76	48	71	22	9
	Jul 2008	356	27	55	73	23	10
	Aug 2008	357	27	36	43	23	7
	Sep 2008	329	26	36	43	22	6
	Summer 2008	1980	215	265	377	137	37
	Oct 2008	254	27	30	36	19	6
	Nov 2008	254	26	21	25	13	6
	Dec 2008	338	27	27	33	17	6
	Jan 2009	336	27	21	27	14	5
	Feb 2009	251	24	19	24	12	4
	Mar 2009	251	27	21	28	15	5
	Winter 2009	1683	157	138	174	90	32
	Apr 2009	334	26	19	28	15	5
	May 2009	378	59	16	29	20	7
	Jun 2009	474	57	18	29	21	9
	Jul 2009	494	41	34	41	23	10
	Aug 2009	492	41	36	43	22	9
	Sep 2009	332	40	33	39	20	6
	Summer 2009	2505	265	156	209	121	45
	Oct 2009	256	41	25	31	16	7
	Nov 2009	255	40	16	20	10	6
	Dec 2009	340	41	22	28	14	6
	Jan 2010	338	41	21	27	14	5
	Feb 2010	253	37	17	23	12	4
	Mar 2010	253	41	17	23	13	4
	Winter 2010	1695	241	119	151	78	32
	Apr 2010	332	40	20	30	16	6
	May 2010	466	62	19	33	22	7

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model_run_id = 2005

F L O O D C O N T R O L C R I T E R I A
B E G I N N I N G O F M O N T H C O N D I T I O N S

MON	YEAR	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	LAKE POWELL KAF	UPPER BASIN TOTAL KAF	LAKE MEAD KAF	TOTAL KAF	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	TOT OR MAX ALLOW KAF	LAKE POWELL KAF	LAKE MEAD KAF	TOTAL KAF	BOM SPACE REQD KAF	MEAD SCHED REL KAF	MEAD FC REL KAF	SYS CONT MAF
		* * * * P R E D I C T E D S P A C E * * * *							* * * * E F F E C T I V E S P A C E * * * *									
JUN	2008	872	357	276	11508	13013	15248	28262	246	357	75	679	11508	15248	27435	1500	917	0	35.1
JUL	2008	754	49	283	9239	10325	15439	25764	116	20	38	174	9239	15439	24853	1500	869	0	35.7
									* * * * C R E D I T A B L E S P A C E * * * *									
AUG	2008	655	26	293	8556	9530	15516	25046	655	26	293	975	8556	15516	25046	1500	803	0	35.6
SEP	2008	673	34	298	8696	9702	15478	25180	673	34	298	1006	8696	15478	25180	2270	720	0	35.2
OCT	2008	709	95	290	8878	9972	15437	25408	709	95	290	1094	8878	15437	25408	3040	501	0	35.1
NOV	2008	737	146	283	8900	10067	15350	25417	737	146	283	1166	8900	15350	25417	3810	574	0	35.0
DEC	2008	761	183	283	8954	10182	15321	25503	761	183	283	1228	8954	15321	25503	4580	553	0	35.0
JAN	2009	801	248	292	9235	10576	15079	25655	801	248	292	1341	9235	15079	25655	5350	685	0	34.8
									* * * * E F F E C T I V E S P A C E * * * *									
JAN	2009	801	248	292	9235	10576	15079	25655	499	248	202	949	9235	15079	25264	5350	685	0	34.8
FEB	2009	836	296	302	9557	10991	14896	25887	532	296	212	1040	9557	14896	25493	1500	660	0	34.6
MAR	2009	860	339	301	9709	11208	14885	26093	553	339	210	1101	9709	14885	25695	1500	951	0	34.4
APR	2009	835	378	257	9743	11213	15181	26394	523	378	160	1061	9743	15181	25985	1500	1080	0	34.3
MAY	2009	772	370	158	9804	11104	15435	26539	453	370	43	865	9804	15435	26104	1500	1022	0	35.2
JUN	2009	679	226	173	8928	10006	15567	25573	350	225	24	599	8928	15567	25094	1500	838	0	36.9
JUL	2009	453	39	242	7773	8506	15383	23889	107	14	43	164	7773	15383	23320	1500	912	0	37.2
									* * * * C R E D I T A B L E S P A C E * * * *									
AUG	2009	363	27	253	7735	8378	15211	23589	363	27	253	643	7735	15211	23589	1500	819	0	36.9
SEP	2009	394	73	277	8221	8964	14900	23864	394	73	277	743	8221	14900	23864	2270	698	0	36.5
OCT	2009	456	136	282	8434	9309	14845	24153	456	136	282	874	8434	14845	24153	3040	453	0	36.3
NOV	2009	516	178	281	8470	9445	14717	24163	516	178	281	975	8470	14717	24163	3810	568	0	36.3
DEC	2009	577	198	283	8505	9563	14691	24254	577	198	283	1058	8505	14691	24254	4580	583	0	36.2
JAN	2010	653	248	293	8765	9959	14479	24438	653	248	293	1194	8765	14479	24438	5350	677	0	36.1
									* * * * E F F E C T I V E S P A C E * * * *									
JAN	2010	653	248	293	8765	9959	14479	24438	329	248	247	824	8765	14479	24068	5350	677	0	36.1
FEB	2010	726	296	302	9051	10376	14287	24663	401	296	256	953	9051	14287	24291	1500	679	0	35.8
MAR	2010	784	334	301	9176	10594	14329	24923	457	334	253	1044	9176	14329	24549	1500	995	0	35.5
APR	2010	796	360	256	9187	10599	14677	25276	466	360	203	1028	9187	14677	24893	1500	1097	0	35.4
MAY	2010	769	356	160	9200	10484	14967	25451	432	356	88	876	9200	14967	25043	1500	1033	0	36.3

To: All Annual Operating Plan Recipients

From: Lower Colorado Region
Boulder Canyon Operations Office
River Operations Group
Douglas B. Blatchford, P.E.
P.O. Box 61470
Boulder City, NV 89006-1470
Phone: 702-293-8190

The operation of Lake Powell and Lake Mead in this 24 Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines). The Interim Guidelines are available for download at http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf

The Interim Guidelines contain provisions for specific April adjustments of the release from Lake Powell and the operation reflected in this 24 Month Study is consistent with such adjustments.

The April 24 Month study projected an end of water year elevation at Lake Powell of 3639.81 feet, with an annual release volume of 8.23 million acre-feet, which is above the equalization level for 2008 of 3636 feet. In accordance with Section 6.B.3 of the Interim Guidelines, the operation of Glen Canyon Dam will be governed by Section 6.A (Equalization Tier) for the remainder of Water Year 2008. Under the Equalization Tier, it is likely that the annual release from Glen Canyon Dam for Water Year 2008 will be greater than 8.23 million acre-feet. The July 24 Month Study projects the annual release to be 8.97 million acre-feet; however, the projected annual release will be updated each month throughout the remainder of the Water Year to achieve the operation specified in Section 6.A.1.

In this study, the Calendar Year (CY) 2008 diversion for Metropolitan Water District of Southern California (MWD) is forecasted to be 0.850 million acre-feet (maf). The CY 2008 diversion for the Central Arizona Project (CAP) is forecasted to be 1.570 maf. Consumptive use for Nevada above Hoover is forecasted to be 0.274 maf for CY 2008.

Due to declining Lake Mead elevations, Hoover’s generator capacity is adjusted based on estimated effective capacity and plant availability. The estimated effective capacity is based on projected Lake Mead elevations. Unit capacity tests will be performed as the lake elevation changes in 2' increments. This study reflects these changes in the projections.

Current runoff projections into Lake Powell are provided by the National Weather Service’s Colorado Basin River Forecast Center and are as follows: observed unregulated inflow into Lake Powell for the month of June, 2008 was 3.614 maf or 117% of the 30 year average. The forecast for July, 2008 unregulated inflow into Lake Powell is 1.535 maf or 98% of the 30 year average. The forecast for the April through July unregulated inflow period is projected to be 8.8 maf or 111% of average.

Hoover, Davis, and Parker historical gross energy figures come from PO&M reports provided by the Power and O&M Group, Boulder Canyon Operations, Bureau of Reclamation, Boulder City, Nevada. Questions regarding these historical energy numbers can be directed to Larry Karr at (702) 293-8094.

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Fontenelle Reservoir

		Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Jul 2007	46	2	50	0	50	6489.09	222
H	Aug 2007	35	2	50	0	50	6486.48	205
I	Sep 2007	25	1	27	16	43	6483.42	186
	WY 2007	578	14	602	16	618		
S	Oct 2007	33	1	37	6	44	6481.38	175
T	Nov 2007	32	1	41	2	42	6479.48	164
O	Dec 2007	27	1	43	0	44	6476.19	147
R	Jan 2008	24	0	43	0	43	6472.00	128
I	Feb 2008	25	0	40	1	41	6468.13	111
C	Mar 2008	32	0	43	0	43	6465.20	100
A	Apr 2008	53	1	42	0	42	6467.95	111
L	May 2008	132	1	64	1	65	6481.73	177
*	Jun 2008	224	2	100	0	101	6499.83	298
	Jul 2008	163	3	101	18	119	6505.17	339
	Aug 2008	65	2	71	0	71	6504.16	331
	Sep 2008	45	2	58	10	68	6500.89	306
	WY 2008	856	14	684	38	722		
	Oct 2008	46	1	71	0	71	6497.43	280
	Nov 2008	40	1	68	0	68	6493.32	251
	Dec 2008	32	1	71	0	71	6487.39	211
	Jan 2009	30	1	71	0	71	6480.46	169
	Feb 2009	27	1	64	0	64	6472.98	132
	Mar 2009	51	0	71	0	71	6468.35	112
	Apr 2009	89	1	86	0	86	6468.82	114
	May 2009	176	1	98	18	116	6481.08	173
	Jun 2009	308	2	102	77	179	6500.03	299
	Jul 2009	186	3	101	41	142	6505.37	341
	Aug 2009	83	2	82	0	82	6505.13	339
	Sep 2009	49	2	58	12	70	6502.15	315
	WY 2009	1116	15	943	148	1091		
	Oct 2009	49	1	73	0	73	6498.82	290
	Nov 2009	41	1	70	0	70	6494.66	260
	Dec 2009	32	1	73	0	73	6488.53	219
	Jan 2010	30	1	73	0	73	6481.49	175
	Feb 2010	27	1	66	0	66	6473.86	136
	Mar 2010	51	0	73	0	73	6468.89	114
	Apr 2010	89	1	89	0	89	6468.63	113
	May 2010	176	1	98	19	117	6480.83	171
	Jun 2010	308	2	102	79	181	6499.58	296

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Flaming Gorge Reservoir

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Yampa Flow 1000 Ac-Ft	Jensen Flow 1000 Ac-Ft
*	Jul 2007	42	45	13	55	0	55	87	6023.31	3098	0	81
H	Aug 2007	32	46	12	51	0	51	86	6022.87	3082	0	66
I	Sep 2007	23	40	10	49	0	49	85	6022.35	3063	0	72
	WY 2007	744	784	77	777	0	777					2764
S	Oct 2007	35	46	7	49	1	50	85	6022.07	3053	0	95
T	Nov 2007	33	42	3	49	0	49	85	6021.81	3044	0	83
O	Dec 2007	21	37	2	41	9	50	84	6021.40	3029	0	83
R	Jan 2008	24	43	2	50	0	50	84	6021.15	3020	0	0
I	Feb 2008	33	49	2	47	0	47	84	6021.15	3020	0	327
C	Mar 2008	59	70	3	50	0	50	84	6021.55	3035	0	141
A	Apr 2008	79	69	5	53	0	53	85	6021.85	3045	0	231
L	May 2008	176	110	7	101	0	101	85	6021.85	3045	0	790
*	Jun 2008	277	161	10	177	0	177	84	6021.15	3020	0	911
	Jul 2008	172	128	13	93	0	93	84	6021.76	3042	0	93
	Aug 2008	70	76	12	92	0	92	84	6020.99	3015	0	92
	Sep 2008	50	73	10	89	0	89	83	6020.28	2989	0	89
	WY 2008	1029	905	76	892	10	902					2936
	Oct 2008	54	78	7	55	0	55	83	6020.71	3005	0	55
	Nov 2008	49	77	3	54	0	54	84	6021.27	3025	0	54
	Dec 2008	37	76	2	55	0	55	84	6021.77	3043	0	55
	Jan 2009	41	82	2	55	0	55	85	6022.44	3067	0	55
	Feb 2009	45	82	2	50	0	50	86	6023.25	3096	0	50
	Mar 2009	103	123	3	57	0	57	88	6024.91	3157	0	57
	Apr 2009	142	140	5	55	0	55	91	6026.98	3234	0	55
	May 2009	263	203	8	159	0	159	92	6027.91	3269	0	159
	Jun 2009	400	271	11	152	0	152	95	6030.66	3375	0	152
	Jul 2009	219	175	14	112	0	112	97	6031.88	3422	0	112
	Aug 2009	97	96	13	112	0	112	96	6031.16	3394	0	112
	Sep 2009	58	80	11	109	0	109	95	6030.16	3355	0	109
	WY 2009	1508	1483	80	1026	0	1026					1026
	Oct 2009	59	83	7	112	0	112	94	6029.25	3320	0	112
	Nov 2009	51	81	3	109	0	109	93	6028.45	3290	0	109
	Dec 2009	37	77	2	112	0	112	91	6027.52	3254	0	112
	Jan 2010	41	84	2	112	0	112	90	6026.74	3225	0	112
	Feb 2010	45	84	2	101	0	101	90	6026.23	3206	0	101
	Mar 2010	103	125	3	112	0	112	90	6026.48	3215	0	112
	Apr 2010	142	143	5	109	0	109	91	6027.23	3243	0	109
	May 2010	263	204	8	176	0	176	92	6027.76	3263	0	176
	Jun 2010	400	273	10	162	0	162	95	6030.31	3361	0	162

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Taylor Park Reservoir

		Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Jul 2007	15	25	9322.65	92
H	Aug 2007	10	18	9318.20	84
I	Sep 2007	8	14	9314.67	78
	WY 2007	130	124		
S	Oct 2007	7	7	9314.68	78
T	Nov 2007	4	4	9314.68	78
O	Dec 2007	5	5	9314.89	78
R	Jan 2008	5	4	9315.09	78
I	Feb 2008	4	4	9314.99	78
C	Mar 2008	4	7	9313.24	75
A	Apr 2008	7	19	9305.56	63
L	May 2008	36	29	9310.30	70
*	Jun 2008	65	40	9324.75	96
	Jul 2008	31	32	9324.48	95
	Aug 2008	14	28	9316.74	81
	Sep 2008	9	18	9311.41	72
	WY 2008	192	198		
	Oct 2008	7	12	9308.45	67
	Nov 2008	5	5	9308.68	68
	Dec 2008	4	5	9308.31	67
	Jan 2009	4	5	9307.78	66
	Feb 2009	4	5	9306.95	65
	Mar 2009	4	5	9306.45	64
	Apr 2009	8	10	9305.33	63
	May 2009	27	14	9313.68	76
	Jun 2009	43	20	9326.28	99
	Jul 2009	20	20	9326.49	99
	Aug 2009	10	20	9321.25	89
	Sep 2009	7	16	9316.20	80
	WY 2009	145	137		
	Oct 2009	6	12	9312.71	74
	Nov 2009	5	6	9312.03	73
	Dec 2009	4	5	9311.68	73
	Jan 2010	4	5	9311.17	72
	Feb 2010	4	5	9310.49	71
	Mar 2010	4	5	9310.01	70
	Apr 2010	8	12	9307.66	66
	May 2010	27	18	9313.39	75
	Jun 2010	43	20	9326.04	98

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Blue Mesa Reservoir

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Jul 2007	81	91	2	99	0	99	7513.48	776
H	Aug 2007	75	83	1	109	0	109	7510.40	749
I	Sep 2007	50	56	1	117	0	117	7503.06	687
	WY 2007	895	889	9	861	0	861		
S	Oct 2007	48	48	1	85	0	85	7498.53	649
T	Nov 2007	31	31	0	65	0	65	7494.31	615
O	Dec 2007	33	33	0	67	0	67	7489.90	581
R	Jan 2008	33	33	0	93	0	93	7481.92	520
I	Feb 2008	31	31	0	97	0	97	7472.73	454
C	Mar 2008	36	39	0	53	0	53	7470.50	439
A	Apr 2008	107	119	1	147	0	147	7466.24	411
L	May 2008	318	312	1	199	50	250	7475.27	472
*	Jun 2008	409	383	1	143	20	163	7503.56	691
	Jul 2008	186	187	2	87	0	87	7514.89	789
	Aug 2008	85	99	1	114	0	114	7513.09	773
	Sep 2008	47	56	1	115	0	115	7506.16	713
	WY 2008	1365	1371	8	1267	70	1337		
	Oct 2008	42	47	1	91	0	91	7500.81	668
	Nov 2008	34	33	0	61	0	61	7497.38	640
	Dec 2008	25	26	0	84	0	84	7490.00	581
	Jan 2009	24	25	0	73	0	73	7483.67	533
	Feb 2009	22	23	0	65	0	65	7477.93	491
	Mar 2009	34	35	0	72	0	72	7472.60	454
	Apr 2009	73	75	1	66	0	66	7473.80	462
	May 2009	212	199	1	56	0	56	7492.85	604
	Jun 2009	271	248	1	60	0	60	7515.07	791
	Jul 2009	121	120	2	107	0	107	7516.41	803
	Aug 2009	62	72	1	116	0	116	7511.28	757
	Sep 2009	36	45	1	106	0	106	7504.08	695
	WY 2009	956	948	9	957	0	957		
	Oct 2009	35	41	1	82	0	82	7499.06	654
	Nov 2009	31	32	0	52	0	52	7496.53	633
	Dec 2009	25	26	0	77	0	77	7490.00	581
	Jan 2010	24	25	0	73	0	73	7483.66	533
	Feb 2010	22	23	0	60	0	60	7478.60	496
	Mar 2010	34	35	0	61	0	61	7474.88	469
	Apr 2010	73	77	1	72	0	72	7475.48	474
	May 2010	212	203	1	66	0	66	7493.58	610
	Jun 2010	271	248	1	66	0	66	7515.04	790

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Morrow Point Reservoir

		Unreg Inflow 1000 Ac-Ft	Blue_Mesa Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Evap losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Jul 2007	73	99	-7	92	0	92	0	92	7153.52	112
H	Aug 2007	67	109	-8	101	0	100	0	100	7154.39	113
I	Sep 2007	41	117	-8	109	0	107	0	107	7156.75	114
	WY 2007	883	861	-12	848	1	839	0	839		
S	Oct 2007	43	85	-5	80	0	85	0	85	7150.81	110
T	Nov 2007	28	65	-3	62	0	63	0	63	7149.32	109
O	Dec 2007	31	67	-3	65	0	62	0	62	7152.91	111
R	Jan 2008	29	93	-4	89	0	87	0	87	7156.26	114
I	Feb 2008	26	97	-5	92	0	99	0	99	7146.95	107
C	Mar 2008	34	53	-2	52	0	45	0	45	7155.12	113
A	Apr 2008	109	147	1	148	0	153	0	153	7149.81	109
L	May 2008	343	250	25	275	0	255	24	278	7144.87	105
*	Jun 2008	432	163	23	186	0	177	4	180	7152.31	111
	Jul 2008	196	87	10	97	0	96	0	96	7153.73	112
	Aug 2008	90	114	5	119	0	119	0	119	7153.73	112
	Sep 2008	50	115	3	118	0	118	0	118	7153.73	112
	WY 2008	1412	1337	47	1384	0	1359	27	1386		
	Oct 2008	45	91	3	94	0	94	0	94	7153.73	112
	Nov 2008	36	61	2	63	0	63	0	63	7153.73	112
	Dec 2008	27	84	2	86	0	86	0	86	7153.73	112
	Jan 2009	26	73	2	75	0	75	0	75	7153.73	112
	Feb 2009	25	65	3	68	0	68	0	68	7153.73	112
	Mar 2009	38	72	4	76	0	76	0	76	7153.73	112
	Apr 2009	84	66	11	77	0	77	0	77	7153.73	112
	May 2009	237	56	25	81	0	81	0	81	7153.73	112
	Jun 2009	292	60	21	81	0	81	0	81	7153.73	112
	Jul 2009	127	107	7	113	0	113	0	113	7153.73	112
	Aug 2009	65	116	4	120	0	120	0	120	7153.73	112
	Sep 2009	39	106	3	109	0	109	0	109	7153.73	112
	WY 2009	1043	957	87	1044	0	1044	0	1044		
	Oct 2009	38	82	3	85	0	85	0	85	7153.73	112
	Nov 2009	33	52	2	54	0	54	0	54	7153.73	112
	Dec 2009	27	77	2	79	0	79	0	79	7153.73	112
	Jan 2010	26	73	2	75	0	75	0	75	7153.73	112
	Feb 2010	25	60	3	63	0	63	0	63	7153.73	112
	Mar 2010	38	61	4	65	0	65	0	65	7153.73	112
	Apr 2010	84	72	11	83	0	83	0	83	7153.73	112
	May 2010	237	66	25	91	0	91	0	91	7153.73	112
	Jun 2010	292	66	21	87	0	87	0	87	7153.73	112

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Crystal Reservoir

	unreg Inflow 1000 Ac-Ft	Morrow Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Tunnel Flow 1000 Ac-Ft	Below_tunnel Flow 1000 Ac-Ft
* Jul 2007	80	92	7	99	98	0	98	6748.50	16	66	37
H Aug 2007	74	100	7	107	108	0	108	6744.63	15	63	51
I Sep 2007	46	107	5	112	112	0	112	6746.25	15	56	62
WY 2007	991	839	108	946	907	39	946			363	632
S Oct 2007	48	85	5	90	90	0	90	6745.51	15	38	54
T Nov 2007	32	63	4	67	66	0	66	6748.78	16	0	70
O Dec 2007	35	62	5	67	68	0	68	6742.95	14	1	73
R Jan 2008	34	87	5	91	77	13	90	6748.45	16	1	94
I Feb 2008	30	99	4	103	72	31	103	6749.17	16	1	108
C Mar 2008	41	45	6	52	52	0	52	6749.59	16	1	54
A Apr 2008	124	153	16	168	127	40	168	6751.31	16	23	150
L May 2008	388	278	45	323	130	191	321	6760.22	19	54	275
* Jun 2008	484	180	52	232	118	116	234	6753.95	17	47	196
Jul 2008	224	96	28	124	124	0	124	6753.04	17	65	59
Aug 2008	100	119	10	129	129	0	129	6753.04	17	65	64
Sep 2008	57	118	7	125	125	0	125	6753.04	17	55	70
WY 2008	1597	1386	186	1571	1178	391	1569			351	1267
Oct 2008	52	94	7	101	101	0	101	6753.04	17	30	71
Nov 2008	41	63	5	69	69	0	69	6753.04	17	0	69
Dec 2008	32	86	5	91	91	0	91	6753.04	17	0	91
Jan 2009	31	75	5	80	80	0	80	6753.04	17	0	80
Feb 2009	29	68	4	72	72	0	72	6753.04	17	0	72
Mar 2009	46	76	7	83	83	0	83	6753.04	17	5	78
Apr 2009	96	77	12	89	89	0	89	6753.04	17	30	59
May 2009	272	81	35	116	116	0	116	6753.04	17	55	61
Jun 2009	330	81	38	119	119	0	119	6753.04	17	60	59
Jul 2009	144	113	17	130	130	0	130	6753.04	17	65	65
Aug 2009	74	120	8	128	128	0	128	6753.04	17	65	63
Sep 2009	45	109	6	115	115	0	115	6753.04	17	55	60
WY 2009	1194	1044	151	1195	1195	0	1195			365	830
Oct 2009	44	85	7	91	91	0	91	6753.04	17	30	61
Nov 2009	38	54	5	59	59	0	59	6753.04	17	0	59
Dec 2009	32	79	5	84	84	0	84	6753.04	17	0	84
Jan 2010	31	75	5	80	80	0	80	6753.04	17	0	80
Feb 2010	29	63	4	67	67	0	67	6753.04	17	0	67
Mar 2010	46	65	7	72	72	0	72	6753.04	17	5	67
Apr 2010	96	83	12	95	95	0	95	6753.04	17	30	65
May 2010	272	91	35	126	126	0	126	6753.04	17	55	71
Jun 2010	330	87	38	125	125	0	125	6753.04	17	60	65

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Vallecito Reservoir

		Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Jul 2007	23	41	7657.48	106
H	Aug 2007	27	34	7654.84	99
I	Sep 2007	18	34	7648.41	83
	WY 2007	330	327		
S	Oct 2007	15	31	7641.28	67
T	Nov 2007	7	4	7642.40	69
O	Dec 2007	8	3	7644.42	74
R	Jan 2008	6	4	7645.29	76
I	Feb 2008	6	17	7640.08	65
C	Mar 2008	11	36	7626.73	39
A	Apr 2008	33	29	7628.85	43
L	May 2008	77	38	7647.76	82
*	Jun 2008	84	43	7663.79	122
	Jul 2008	25	43	7656.69	104
	Aug 2008	20	40	7648.37	83
	Sep 2008	15	33	7640.23	65
	WY 2008	307	322		
	Oct 2008	12	19	7636.67	57
	Nov 2008	8	6	7637.55	59
	Dec 2008	6	5	7638.18	60
	Jan 2009	5	5	7638.42	61
	Feb 2009	5	4	7638.60	61
	Mar 2009	8	5	7640.15	65
	Apr 2009	22	12	7644.59	74
	May 2009	69	43	7655.42	100
	Jun 2009	78	55	7663.86	122
	Jul 2009	31	43	7659.05	110
	Aug 2009	19	40	7650.56	88
	Sep 2009	17	30	7644.96	75
	WY 2009	280	266		
	Oct 2009	13	15	7643.94	73
	Nov 2009	8	4	7645.76	77
	Dec 2009	6	4	7646.57	79
	Jan 2010	5	5	7646.61	79
	Feb 2010	5	5	7646.62	79
	Mar 2010	8	5	7647.84	82
	Apr 2010	22	14	7651.07	90
	May 2010	69	44	7660.92	115
	Jun 2010	78	68	7664.30	124

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Navajo Reservoir

		Mod_Unreg Inflow 1000 Ac-Ft	Azetea Tunnel_Div 1000 Ac-Ft	Reg Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	NIIP Diversion 1000 ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Farm Flow 1000 Ac-Ft
*	Jul 2007	33	4	46	5	38	46	6076.77	1577	81
H	Aug 2007	61	7	59	4	33	48	6074.98	1551	82
I	Sep 2007	27	2	41	3	23	56	6072.10	1510	80
	WY 2007	1096	119	974	31	192	660			1160
S	Oct 2007	41	0	57	2	10	46	6072.01	1509	79
T	Nov 2007	19	0	17	1	1	43	6070.07	1482	57
O	Dec 2007	46	0	40	1	0	42	6069.89	1479	67
R	Jan 2008	26	0	24	1	0	47	6068.19	1456	69
I	Feb 2008	38	0	48	1	0	122	6062.59	1381	160
C	Mar 2008	147	6	167	2	6	219	6057.91	1321	284
A	Apr 2008	242	27	214	2	21	152	6060.97	1360	240
L	May 2008	328	45	243	4	31	149	6065.54	1420	303
*	Jun 2008	307	0	215	4	39	221	6061.77	1370	415
	Jul 2008	85	33	70	4	43	32	6061.03	1361	32
	Aug 2008	50	5	65	4	36	31	6060.63	1356	31
	Sep 2008	45	1	62	3	21	30	6061.34	1365	30
	WY 2008	1373	117	1224	28	208	1132			1766
	Oct 2008	39	0	47	2	6	31	6061.96	1373	31
	Nov 2008	34	0	32	1	0	30	6062.05	1374	30
	Dec 2008	24	0	23	1	0	31	6061.37	1365	31
	Jan 2009	22	0	21	1	0	31	6060.59	1355	31
	Feb 2009	30	0	30	1	0	28	6060.68	1356	28
	Mar 2009	88	4	81	2	4	31	6064.11	1401	31
	Apr 2009	174	13	151	3	16	34	6071.36	1499	34
	May 2009	279	33	219	4	30	200	6070.31	1485	200
	Jun 2009	246	40	184	4	45	212	6064.55	1407	212
	Jul 2009	74	13	73	5	49	31	6063.73	1396	31
	Aug 2009	43	13	51	4	41	31	6061.88	1372	31
	Sep 2009	42	4	51	3	24	30	6061.49	1367	30
	WY 2009	1096	119	963	28	214	718			718
	Oct 2009	38	0	40	2	6	31	6061.59	1368	31
	Nov 2009	33	0	29	1	0	30	6061.42	1366	30
	Dec 2009	24	0	22	1	0	31	6060.68	1356	31
	Jan 2010	22	0	22	1	0	31	6059.92	1347	31
	Feb 2010	30	0	30	1	0	28	6060.04	1348	28
	Mar 2010	88	4	81	2	4	31	6063.52	1393	31
	Apr 2010	174	13	153	3	16	34	6070.92	1493	34
	May 2010	279	0	253	4	30	200	6072.27	1512	200
	Jun 2010	246	40	197	5	45	212	6067.57	1447	212

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Lake Powell

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	PowerPlant Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Bank Storage 1000 Ac-Ft	EOM Storage 1000 Ac-Ft	Lees Ferry 1000 Ac-Ft
*	Jul 2007	366	452	54	804	0	804	3607.35	18327	12465	819
H	Aug 2007	378	437	52	804	0	804	3603.58	18278	12095	818
I	Sep 2007	296	454	47	604	0	604	3601.87	18246	11929	617
	WY 2007	8213	8077	371	8230	0	8231				8397
S	Oct 2007	467	540	32	601	0	601	3600.62	18273	11809	612
T	Nov 2007	397	470	31	603	0	603	3598.63	18298	11620	615
O	Dec 2007	398	455	24	803	0	803	3594.64	18299	11246	814
R	Jan 2008	336	440	7	801	0	801	3590.66	18296	10880	813
I	Feb 2008	412	568	8	602	0	602	3590.66	18254	10880	613
C	Mar 2008	589	717	13	737	93	830	3589.77	18208	10800	848
A	Apr 2008	1003	986	21	679	0	679	3594.09	18098	11195	691
L	May 2008	2644	2384	27	790	0	790	3610.81	18048	12812	808
*	Jun 2008	3613	3377	49	791	0	791	3631.05	18426	14971	810
	Jul 2008	1535	1379	53	865	0	865	3634.80	18460	15398	865
	Aug 2008	700	773	55	890	0	890	3633.41	18447	15238	890
	Sep 2008	500	613	47	710	0	710	3632.24	18437	15105	710
	WY 2008	12594	12701	369	8872	93	8965				9090
	Oct 2008	536	585	42	710	0	710	3630.86	18424	14950	710
	Nov 2008	539	567	35	650	0	650	3629.89	18416	14840	650
	Dec 2008	418	502	29	800	0	800	3627.16	18391	14537	800
	Jan 2009	384	457	22	800	0	800	3624.07	18364	14199	800
	Feb 2009	395	440	20	700	0	700	3621.66	18344	13940	700
	Mar 2009	628	570	25	650	0	650	3620.75	18336	13843	650
	Apr 2009	952	747	28	650	0	650	3621.34	18341	13906	650
	May 2009	2161	1885	39	800	0	800	3630.20	18418	14875	800
	Jun 2009	2808	2400	48	915	0	915	3641.71	18525	16206	915
	Jul 2009	1345	1243	56	1050	0	1050	3642.77	18535	16333	1050
	Aug 2009	566	678	57	1050	0	1050	3639.43	18503	15936	1050
	Sep 2009	459	594	49	600	0	600	3639.00	18499	15885	600
	WY 2009	11192	10667	449	9375	0	9375				9375
	Oct 2009	506	605	44	600	0	600	3638.69	18496	15849	600
	Nov 2009	523	599	37	600	0	600	3638.40	18494	15815	600
	Dec 2009	418	552	30	800	0	800	3636.18	18473	15557	800
	Jan 2010	384	514	23	800	0	800	3633.69	18450	15270	800
	Feb 2010	395	486	21	800	0	800	3630.96	18425	14960	800
	Mar 2010	628	614	26	800	0	800	3629.21	18409	14764	800
	Apr 2010	952	807	29	900	0	900	3628.18	18400	14651	900
	May 2010	2161	1879	41	1000	0	1000	3635.06	18462	15427	1000
	Jun 2010	2808	2416	49	1050	0	1050	3645.38	18560	16647	1050

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Hoover Dam - Lake Mead

	Glen Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release CFS	SNWP Use 1000 Ac-Ft	Dwnstrm Reqmnts 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
* Jul 2007	804	67	76	950	15.5	39	949	816	1111.58	12554
H Aug 2007	804	138	80	803	13.1	33	801	818	1111.84	12578
I Sep 2007	604	63	66	656	11.0	24	653	813	1111.06	12505
WY 2007	8231	677	633	9450		297	9420			
S Oct 2007	601	32	48	570	9.3	26	564	812	1110.95	12494
T Nov 2007	603	67	48	576	9.7	19	575	814	1111.22	12520
O Dec 2007	803	95	42	477	7.8	17	467	836	1114.81	12860
R Jan 2008	801	88	34	672	10.9	14	659	846	1116.46	13017
I Feb 2008	602	147	32	659	11.5	11	658	849	1116.93	13062
C Mar 2008	830	116	35	1025	16.7	17	1023	841	1115.65	12940
A Apr 2008	679	40	44	1159	19.5	25	1155	810	1110.61	12463
L May 2008	790	47	49	1113	18.1	27	1110	789	1107.05	12132
* Jun 2008	791	39	59	949	15.9	25	948	776	1104.98	11941
Jul 2008	865	57	73	877	14.3	37	877	772	1104.31	11880
Aug 2008	890	115	78	812	13.2	34	812	777	1105.14	11956
Sep 2008	710	79	64	711	11.9	28	711	776	1105.00	11943
WY 2008	8965	921	606	9599		281	9560			
Oct 2008	710	68	47	525	8.5	28	525	787	1106.82	12110
Nov 2008	650	68	47	568	9.5	17	568	792	1107.69	12191
Dec 2008	800	61	41	539	8.8	11	539	809	1110.42	12446
Jan 2009	800	126	34	685	11.1	12	685	821	1112.37	12628
Feb 2009	700	116	31	660	11.9	12	660	828	1113.48	12733
Mar 2009	650	87	35	951	15.5	16	951	811	1110.83	12484
Apr 2009	650	74	43	1080	18.2	22	1080	786	1106.58	12088
May 2009	800	65	49	1022	16.6	35	1022	771	1104.11	11862
Jun 2009	915	16	58	838	14.1	34	838	771	1104.12	11864
Jul 2009	1050	57	73	912	14.8	33	912	777	1105.04	11947
Aug 2009	1050	115	78	819	13.3	30	819	791	1107.46	12170
Sep 2009	600	79	65	698	11.7	33	698	784	1106.28	12061
WY 2009	9375	931	600	9297		283	9297			
Oct 2009	600	68	47	453	7.4	31	453	792	1107.67	12189
Nov 2009	600	68	47	568	9.5	23	568	794	1107.97	12217
Dec 2009	800	61	41	583	9.5	11	583	808	1110.25	12429
Jan 2010	800	128	34	677	11.0	12	677	820	1112.30	12622
Feb 2010	800	78	31	679	12.2	12	679	830	1113.84	12768
Mar 2010	800	76	35	995	16.2	16	995	820	1112.15	12608
Apr 2010	900	63	43	1097	18.4	22	1097	807	1110.17	12421
May 2010	1000	17	49	1033	16.8	35	1033	801	1109.16	12327
Jun 2010	1050	55	60	829	13.9	34	829	812	1110.99	12498

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Davis Dam - Lake Mohave

		Hoover Release 1000 Ac-Ft	Side inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Spill Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
*	Jul 2007	950	-32	916	0	916	14.9	642.89	1696
H	Aug 2007	803	-29	786	0	786	12.8	642.45	1684
I	Sep 2007	656	-18	777	0	777	13.0	637.26	1545
	WY 2007	9450	-249	9241	0	9241			
S	Oct 2007	570	-14	635	0	635	10.3	634.21	1465
T	Nov 2007	576	-17	516	0	516	8.7	635.89	1509
O	Dec 2007	477	-24	396	0	396	6.4	638.03	1565
R	Jan 2008	672	-27	547	0	547	8.9	641.68	1663
I	Feb 2008	659	-12	717	0	717	12.5	639.09	1593
C	Mar 2008	1025	-26	974	0	974	15.8	640.01	1618
A	Apr 2008	1159	-23	1104	0	1104	18.6	641.20	1650
L	May 2008	1113	-45	993	0	993	16.2	643.95	1725
*	Jun 2008	949	-34	932	0	932	15.7	643.36	1709
	Jul 2008	877	-25	889	0	889	14.5	642.00	1671
	Aug 2008	812	-25	801	0	801	13.0	641.50	1658
	Sep 2008	711	-18	786	0	786	13.2	638.00	1564
	WY 2008	9599	-289	9290	0	9290			
	Oct 2008	525	-2	653	0	653	10.6	633.00	1434
	Nov 2008	568	-16	527	0	527	8.8	634.00	1460
	Dec 2008	539	-19	397	0	397	6.5	638.71	1583
	Jan 2009	685	-20	582	0	582	9.5	641.80	1666
	Feb 2009	660	-14	646	0	646	11.6	641.80	1666
	Mar 2009	951	-25	892	0	892	14.5	643.05	1700
	Apr 2009	1080	-30	1052	0	1052	17.7	643.01	1699
	May 2009	1022	-33	989	0	989	16.1	643.01	1699
	Jun 2009	838	-27	839	0	839	14.1	642.00	1671
	Jul 2009	912	-25	901	0	901	14.6	641.50	1658
	Aug 2009	819	-25	795	0	795	12.9	641.50	1658
	Sep 2009	698	-18	774	0	774	13.0	638.00	1564
	WY 2009	9297	-253	9044	0	9044			
	Oct 2009	453	-2	581	0	581	9.4	633.00	1434
	Nov 2009	568	-16	526	0	526	8.8	634.00	1460
	Dec 2009	583	-19	441	0	441	7.2	638.71	1583
	Jan 2010	677	-16	578	0	578	9.4	641.80	1666
	Feb 2010	679	-23	656	0	656	11.8	641.80	1666
	Mar 2010	995	-31	930	0	930	15.1	643.05	1700
	Apr 2010	1097	-32	1066	0	1066	17.9	643.01	1699
	May 2010	1033	-28	1005	0	1005	16.3	643.01	1699
	Jun 2010	829	-24	832	0	832	14.0	642.00	1671

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Parker Dam - Lake Havasu

		Davis Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	MWD Diversion 1000 Ac-Ft	CAP diversion 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft	Flow_to Mexico 1000 Ac-Ft	Flow_to Mexico 1000 CFS
*	Jul 2007	916	-2	749	12.2	64	100	448.35	587	124	2.0
H	Aug 2007	786	-13	634	10.3	98	42	448.28	585	97	1.6
I	Sep 2007	777	-7	555	9.3	91	134	447.77	576	92	1.5
	WY 2007	9241	-94	6803		689	1632			1514	
S	Oct 2007	635	2	455	7.4	27	164	447.28	566	80	1.3
T	Nov 2007	516	3	336	5.6	29	147	447.65	573	103	1.7
O	Dec 2007	396	10	270	4.4	35	118	446.77	557	126	2.1
R	Jan 2008	547	5	306	5.0	81	167	446.67	555	132	2.1
I	Feb 2008	717	-11	486	8.4	67	157	446.44	551	155	2.7
C	Mar 2008	974	-15	744	12.1	46	168	446.47	551	205	3.3
A	Apr 2008	1104	-10	838	14.1	76	166	447.25	566	202	3.4
L	May 2008	993	-10	684	11.1	98	172	448.84	596	113	1.8
*	Jun 2008	932	-26	691	11.6	93	126	448.62	592	116	1.9
	Jul 2008	889	-17	717	11.7	86	82	448.00	580	119	1.9
	Aug 2008	801	-11	626	10.2	86	79	448.00	580	93	1.5
	Sep 2008	786	-12	564	9.5	83	150	446.81	557	89	1.5
	WY 2008	9290	-91	6715		806	1697			1533	
	Oct 2008	653	3	471	7.7	86	108	446.31	548	74	1.2
	Nov 2008	527	11	381	6.4	28	125	446.50	552	103	1.7
	Dec 2008	397	10	316	5.1	20	70	446.50	552	118	1.9
	Jan 2009	582	23	354	5.8	81	170	446.50	552	119	1.9
	Feb 2009	646	32	449	8.1	76	153	446.50	552	154	2.8
	Mar 2009	892	31	703	11.4	47	168	446.70	555	204	3.3
	Apr 2009	1052	-4	771	13.0	76	162	448.71	594	200	3.4
	May 2009	989	-14	730	11.9	82	163	448.71	594	109	1.8
	Jun 2009	839	-24	681	11.5	79	54	448.71	594	113	1.9
	Jul 2009	901	-17	734	11.9	81	83	448.00	580	119	1.9
	Aug 2009	795	-11	633	10.3	81	78	447.50	571	93	1.5
	Sep 2009	774	-12	570	9.6	79	126	446.81	557	89	1.5
	WY 2009	9044	26	6795		816	1460			1497	
	Oct 2009	581	3	476	7.7	28	89	446.31	548	74	1.2
	Nov 2009	526	11	386	6.5	26	122	446.50	552	103	1.7
	Dec 2009	441	10	324	5.3	6	121	446.50	552	122	2.0
	Jan 2010	578	35	352	5.7	85	176	446.50	552	119	1.9
	Feb 2010	656	28	446	8.0	80	158	446.50	552	154	2.8
	Mar 2010	930	-4	700	11.4	49	174	446.70	555	204	3.3
	Apr 2010	1066	-14	767	12.9	80	167	448.71	594	200	3.4
	May 2010	1005	-25	726	11.8	85	168	448.71	594	109	1.8
	Jun 2010	832	-16	678	11.4	83	56	448.71	594	113	1.9

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Hoover Dam - Lake Mead

	Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Hoover Static Head Feet	Hoover Generator Capacity MW	Hoover Gross Energy MKWH	Percent Of Units Available	KWH/AF
* Jul 2007	950	15.5	1111.58	12554	-181	0.00	1730.0	377.2	100	397.0
H Aug 2007	803	13.1	1111.84	12578	24	0.00	1704.0	315.2	100	392.6
I Sep 2007	656	11.0	1111.06	12505	-73	0.00	1500.0	252.9	88	385.6
WY 2007	9450							3826.0		
S Oct 2007	570	9.3	1110.95	12494	-10	0.00	1363.0	219.9	80	385.9
T Nov 2007	575	9.7	1111.22	12520	25	0.00	1056.0	225.1	62	391.4
O Dec 2007	477	7.8	1114.81	12860	340	0.00	1074.0	183.5	63	385.0
R Jan 2008	672	10.9	1116.46	13017	158	0.00	1183.4	268.3	69	399.2
I Feb 2008	659	11.5	1116.93	13062	45	0.00	1093.0	266.5	63	404.5
C Mar 2008	1025	16.7	1115.65	12940	-123	0.00	1218.0	420.7	70	410.6
A Apr 2008	1159	19.5	1110.61	12463	-477	0.00	1398.1	475.9	81	410.7
L May 2008	1113	18.1	1107.05	12132	-331	0.00	1481.6	445.7	87	400.5
* Jun 2008	949	15.9	1104.98	11941	-190	0.00	1694.0	371.6	100	391.7
Jul 2008	877	14.3	1104.31	11880	-61	451.18	1672.0	359.7	100	410.2
Aug 2008	812	13.2	1105.14	11956	76	451.86	1674.0	330.7	100	407.2
Sep 2008	711	11.9	1105.00	11943	-13	453.51	1682.0	286.7	100	403.3
WY 2008	9598							3854.4		
Oct 2008	525	8.5	1106.82	12110	167	460.73	1027.2	211.3	61	402.5
Nov 2008	568	9.5	1107.69	12191	81	462.94	1155.3	232.5	68	409.6
Dec 2008	539	8.8	1110.42	12446	255	461.66	1402.2	215.6	82	400.4
Jan 2009	685	11.1	1112.37	12628	183	462.21	1283.2	281.3	75	410.4
Feb 2009	660	11.9	1113.48	12733	105	463.49	1150.6	275.5	68	417.3
Mar 2009	951	15.5	1110.83	12484	-249	460.77	1375.1	397.0	82	417.6
Apr 2009	1080	18.2	1106.58	12088	-396	457.60	1268.4	454.2	76	420.4
May 2009	1022	16.6	1104.11	11862	-226	454.27	1276.8	421.2	76	412.0
Jun 2009	838	14.1	1104.12	11864	1	450.77	1691.0	343.1	100	409.3
Jul 2009	912	14.8	1105.04	11947	83	451.72	1710.0	368.4	100	403.9
Aug 2009	819	13.3	1107.46	12170	223	453.54	1713.0	335.0	100	408.9
Sep 2009	698	11.7	1106.28	12061	-109	455.30	1721.0	281.8	100	403.7
WY 2009	9297							3816.8		
Oct 2009	453	7.4	1107.67	12189	128	459.49	1412.9	182.4	82	402.4
Nov 2009	568	9.5	1107.97	12217	28	461.97	1423.5	230.4	82	406.0
Dec 2009	583	9.5	1110.25	12429	213	461.71	1423.5	236.4	82	405.5
Jan 2010	677	11.0	1112.30	12622	193	462.09	1302.0	277.1	75	409.5
Feb 2010	679	12.2	1113.84	12768	146	463.64	1180.5	284.4	68	419.0
Mar 2010	995	16.2	1112.15	12608	-160	461.61	1423.5	412.0	82	414.0
Apr 2010	1097	18.4	1110.17	12421	-187	460.04	1319.4	464.3	76	423.4
May 2010	1033	16.8	1109.16	12327	-94	458.57	1319.4	429.8	76	416.3
Jun 2010	829	13.9	1110.99	12498	171	456.68	1736.0	342.9	100	413.6

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Davis Dam - Lake Mohave

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Davis Static Head Feet	Davis Generator Capacity MW	Davis Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Jul 2007	916	14.9	642.89	1696	3	0.00	242.0	115.0	95	125.5
H	Aug 2007	786	12.8	642.45	1684	-12	0.00	255.0	99.2	100	126.3
I	Sep 2007	777	13.0	637.26	1545	-139	0.00	240.0	95.9	94	123.5
	WY 2007	9241							1148.3		
S	Oct 2007	635	10.3	634.21	1465	-79	0.00	201.0	76.0	79	119.8
T	Nov 2007	516	8.7	635.89	1509	43	0.00	171.0	61.8	67	119.8
O	Dec 2007	396	6.4	638.03	1565	56	0.00	181.0	48.9	71	123.4
R	Jan 2008	547	8.9	641.68	1663	98	0.00	158.1	67.9	62	124.1
I	Feb 2008	717	12.5	639.09	1593	-70	0.00	191.2	88.7	75	123.8
C	Mar 2008	974	15.8	640.01	1618	25	0.00	227.0	120.5	89	123.7
A	Apr 2008	1104	18.6	641.20	1650	32	0.00	255.0	135.8	100	123.0
L	May 2008	993	16.2	643.95	1725	75	0.00	255.0	123.5	100	124.4
*	Jun 2008	932	15.7	643.36	1709	-16	0.00	255.0	117.8	100	126.5
	Jul 2008	889	14.5	642.00	1671	-37	135.70	255.0	111.3	100	125.2
	Aug 2008	801	13.0	641.50	1658	-14	134.73	255.0	100.0	100	124.8
	Sep 2008	786	13.2	638.00	1564	-94	132.63	255.0	96.7	100	122.9
	WY 2008	9290							1149.0		
	Oct 2008	653	10.6	633.00	1434	-130	128.15	255.0	78.3	100	120.0
	Nov 2008	527	8.8	634.00	1460	26	126.25	247.3	62.6	97	118.9
	Dec 2008	397	6.5	638.71	1583	123	129.99	221.8	48.6	87	122.4
	Jan 2009	582	9.5	641.80	1666	83	136.14	158.1	72.6	62	124.7
	Feb 2009	646	11.6	641.80	1666	0	136.62	191.2	81.0	75	125.3
	Mar 2009	892	14.5	643.05	1700	34	136.20	227.0	111.4	89	124.9
	Apr 2009	1052	17.7	643.01	1699	-1	136.08	255.0	131.0	100	124.5
	May 2009	989	16.1	643.01	1699	0	136.05	255.0	123.6	100	124.9
	Jun 2009	839	14.1	642.00	1671	-28	135.52	255.0	104.9	100	125.1
	Jul 2009	901	14.6	641.50	1658	-14	134.73	255.0	111.9	100	124.3
	Aug 2009	795	12.9	641.50	1658	0	134.46	255.0	99.0	100	124.6
	Sep 2009	774	13.0	638.00	1564	-94	132.63	255.0	95.2	100	123.0
	WY 2009	9044							1120.0		
	Oct 2009	581	9.4	633.00	1434	-130	128.15	255.0	70.0	100	120.4
	Nov 2009	526	8.8	634.00	1460	26	126.25	247.3	62.6	97	118.9
	Dec 2009	441	7.2	638.71	1583	123	129.99	221.8	53.9	87	122.1
	Jan 2010	578	9.4	641.80	1666	83	136.14	158.1	72.1	62	124.7
	Feb 2010	656	11.8	641.80	1666	0	136.62	191.2	82.2	75	125.2
	Mar 2010	930	15.1	643.05	1700	34	136.20	227.0	116.0	89	124.7
	Apr 2010	1066	17.9	643.01	1699	-1	136.08	255.0	132.7	100	124.4
	May 2010	1005	16.3	643.01	1699	0	136.05	255.0	125.4	100	124.9
	Jun 2010	832	14.0	642.00	1671	-28	135.52	255.0	104.2	100	125.1

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Parker Dam - Lake Havasu

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Parker Static Head Feet	Parker Generator Capacity MW	Parker Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Jul 2007	749	12.2	448.35	587	1	0.00	120.0	50.1	100	66.9
H	Aug 2007	634	10.3	448.28	585	-1	0.00	120.0	43.0	100	67.8
I	Sep 2007	555	9.3	447.77	576	-10	0.00	95.0	37.8	79	68.3
	WY 2007	6804							455.2		
S	Oct 2007	455	7.4	447.28	566	-9	0.00	90.0	31.5	75	69.3
T	Nov 2007	336	5.6	447.65	573	7	0.00	79.0	23.0	66	68.7
O	Dec 2007	270	4.4	446.77	557	-16	0.00	79.0	17.9	66	66.5
R	Jan 2008	306	5.0	446.67	555	-2	0.00	85.2	20.3	71	66.5
I	Feb 2008	486	8.4	446.44	551	-4	0.00	90.0	32.6	75	67.2
C	Mar 2008	744	12.1	446.47	551	1	0.00	90.0	49.8	75	67.0
A	Apr 2008	838	14.1	447.25	566	14	0.00	90.0	55.0	75	65.6
L	May 2008	684	11.1	448.84	596	30	0.00	90.0	46.4	75	67.9
*	Jun 2008	691	11.6	448.62	592	-4	0.00	90.0	47.3	75	68.4
	Jul 2008	717	11.7	448.00	580	-12	77.08	90.0	48.5	75	67.7
	Aug 2008	626	10.2	448.00	580	0	75.37	120.0	41.1	100	65.7
	Sep 2008	564	9.5	446.81	557	-23	76.20	90.0	37.5	75	66.5
	WY 2008	6715							451.1		
	Oct 2008	471	7.7	446.31	548	-9	75.98	79.2	31.1	66	65.9
	Nov 2008	381	6.4	446.50	552	3	75.83	79.2	24.9	66	65.2
	Dec 2008	316	5.1	446.50	552	0	75.32	90.0	20.2	75	63.8
	Jan 2009	354	5.8	446.50	552	0	75.32	90.0	22.8	75	64.3
	Feb 2009	449	8.1	446.50	552	0	75.32	90.0	29.4	75	65.4
	Mar 2009	703	11.4	446.70	555	4	74.01	120.0	45.7	100	64.9
	Apr 2009	771	13.0	448.71	594	38	75.09	120.0	50.9	100	66.0
	May 2009	730	11.9	448.71	594	0	76.06	120.0	48.6	100	66.6
	Jun 2009	681	11.5	448.71	594	0	76.06	120.0	45.3	100	66.5
	Jul 2009	734	11.9	448.00	580	-14	75.72	120.0	48.7	100	66.3
	Aug 2009	633	10.3	447.50	571	-10	75.13	120.0	41.5	100	65.6
	Sep 2009	570	9.6	446.81	557	-13	75.95	90.0	37.8	75	66.4
	WY 2009	6795							446.7		
	Oct 2009	476	7.7	446.31	548	-9	75.98	79.2	31.4	66	66.0
	Nov 2009	386	6.5	446.50	552	3	75.83	79.2	25.2	66	65.3
	Dec 2009	324	5.3	446.50	552	0	75.92	79.2	20.9	66	64.5
	Jan 2010	352	5.7	446.50	552	0	75.32	90.0	22.6	75	64.3
	Feb 2010	446	8.0	446.50	552	0	75.32	90.0	29.2	75	65.4
	Mar 2010	700	11.4	446.70	555	4	74.01	120.0	45.4	100	64.9
	Apr 2010	767	12.9	448.71	594	38	75.09	120.0	50.6	100	66.0
	May 2010	726	11.8	448.71	594	0	76.06	120.0	48.3	100	66.6
	Jun 2010	678	11.4	448.71	594	0	76.06	120.0	45.1	100	66.5

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Upper Basin Power

	Glen Canyon 1000 MWHR	Flam Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Res 1000 MWHR	Font Res 1000 MWHR
* Jul 2007	343	21	29	33	19	4
H Aug 2007	340	20	32	36	20	3
I Sep 2007	253	19	34	39	20	2
Summer 2007	936	60	94	108	60	9
S Oct 2007	251	19	24	30	17	2
T Nov 2007	252	19	18	22	12	2
O Dec 2007	334	15	19	22	13	3
R Jan 2008	330	19	25	31	15	2
I Feb 2008	247	18	26	35	14	2
C Mar 2008	299	19	14	16	9	2
Winter 2008	1714	110	126	156	80	14
A Apr 2008	280	20	38	55	23	2
L May 2008	333	39	52	92	23	4
* Jun 2008	348	68	40	63	22	7
Jul 2008	365	34	27	35	22	10
Aug 2008	376	33	36	43	22	7
Sep 2008	300	32	36	43	22	6
Summer 2008	2001	226	228	330	134	35
Oct 2008	298	20	28	34	17	6
Nov 2008	272	19	18	23	12	6
Dec 2008	335	20	25	31	16	6
Jan 2009	333	20	21	27	14	6
Feb 2009	290	18	19	24	12	5
Mar 2009	268	21	20	27	14	5
Winter 2009	1797	118	132	167	86	33
Apr 2009	268	20	19	28	15	6
May 2009	333	58	16	29	20	7
Jun 2009	388	56	18	29	21	9
Jul 2009	451	41	34	41	23	10
Aug 2009	450	41	36	43	22	8
Sep 2009	256	40	33	39	20	6
Summer 2009	2146	257	156	209	121	44
Oct 2009	256	41	25	31	16	7
Nov 2009	255	40	16	20	10	6
Dec 2009	340	41	23	29	15	6
Jan 2010	338	41	21	27	14	6
Feb 2010	337	37	17	23	12	5
Mar 2010	335	41	17	23	13	5
Winter 2010	1861	241	119	152	79	34
Apr 2010	376	40	20	30	16	6
May 2010	420	64	19	33	22	7
Jun 2010	448	59	20	31	22	9

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model_run_id = 2006

F L O O D C O N T R O L C R I T E R I A
B E G I N N I N G O F M O N T H C O N D I T I O N S

MON	YEAR	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	LAKE POWELL KAF	UPPER BASIN TOTAL KAF	LAKE MEAD KAF	TOTAL KAF	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	TOT OR MAX ALLOW KAF	LAKE POWELL KAF	LAKE MEAD KAF	TOTAL KAF	BOM SPACE REQD KAF	MEAD SCHED REL KAF	MEAD FC REL KAF	SYS CONT MAF
		* * * * P R E D I C T E D S P A C E * * * *							* * * * E F F E C T I V E S P A C E * * * *									
JUL	2008	776	139	326	9349	10589	15439	26028	79	99	38	216	9349	15439	25004	1500	877	0	35.3
									* * * * C R E D I T A B L E S P A C E * * * *									
AUG	2008	713	41	335	8922	10011	15500	25511	713	41	335	1088	8922	15500	25511	1500	812	0	35.1
SEP	2008	748	57	340	9082	10227	15424	25651	748	57	340	1145	9082	15424	25651	2270	711	0	34.7
OCT	2008	799	117	331	9215	10461	15437	25898	799	117	331	1246	9215	15437	25898	3040	525	0	34.6
NOV	2008	809	162	323	9370	10664	15270	25934	809	162	323	1294	9370	15270	25934	3810	568	0	34.5
DEC	2008	818	190	322	9480	10810	15189	25999	818	190	322	1330	9480	15189	25999	4580	539	0	34.5
JAN	2009	840	248	331	9783	11201	14934	26136	840	248	331	1419	9783	14934	26136	5350	685	0	34.4
									* * * * E F F E C T I V E S P A C E * * * *									
JAN	2009	840	248	331	9783	11201	14934	26136	573	248	193	1015	9783	14934	25732	5350	685	0	34.4
FEB	2009	858	296	341	10121	11615	14752	26367	588	296	203	1087	10121	14752	25959	1500	660	0	34.2
MAR	2009	866	338	340	10380	11924	14647	26570	592	338	201	1132	10380	14647	26158	1500	951	0	33.9
APR	2009	825	376	295	10477	11973	14896	26869	546	376	151	1072	10477	14896	26446	1500	1080	0	33.8
MAY	2009	745	368	197	10414	11723	15292	27015	459	368	33	860	10414	15292	26565	1500	1022	0	34.8
JUN	2009	652	226	211	9445	10534	15518	26051	355	225	14	595	9445	15518	25557	1500	838	0	36.4
JUL	2009	420	39	289	8114	8862	15516	24378	107	14	43	164	8114	15516	23794	1500	912	0	36.7
									* * * * C R E D I T A B L E S P A C E * * * *									
AUG	2009	331	27	300	7987	8645	15433	24078	331	27	300	658	7987	15433	24078	1500	819	0	36.4
SEP	2009	361	73	324	8384	9142	15210	24352	361	73	324	758	8384	15210	24352	2270	698	0	36.0
OCT	2009	423	134	329	8435	9321	15319	24641	423	134	329	887	8435	15319	24641	3040	453	0	35.9
NOV	2009	484	176	328	8471	9458	15191	24649	484	176	328	987	8471	15191	24649	3810	568	0	35.8
DEC	2009	544	196	330	8505	9576	15163	24739	544	196	330	1071	8505	15163	24739	4580	583	0	35.7
JAN	2010	621	248	340	8763	9972	14951	24922	621	248	340	1208	8763	14951	24922	5350	677	0	35.6
									* * * * E F F E C T I V E S P A C E * * * *									
JAN	2010	621	248	340	8763	9972	14951	24922	328	248	243	819	8763	14951	24533	5350	677	0	35.6
FEB	2010	694	296	349	9050	10389	14758	25147	400	296	252	948	9050	14758	24756	1500	679	0	35.3
MAR	2010	752	334	348	9360	10792	14612	25405	456	334	249	1039	9360	14612	25011	1500	995	0	35.0
APR	2010	764	360	303	9556	10983	14772	25755	465	360	199	1024	9556	14772	25351	1500	1097	0	34.9
MAY	2010	737	356	203	9669	10965	14959	25924	431	356	80	867	9669	14959	25495	1500	1033	0	35.8
JUN	2010	659	220	184	8893	9956	15053	25009	344	217	27	588	8893	15053	24534	1500	829	0	37.5

To: All Annual Operating Plan Recipients

From: Lower Colorado Region
Boulder Canyon Operations Office
River Operations Group
Douglas B. Blatchford, P.E.
P.O. Box 61470
Boulder City, NV 89006-1470
Phone: 702-293-8190

The operation of Lake Powell and Lake Mead in this 24 Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines). The Interim Guidelines are available for download at http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf

The April 24 Month study projected an end of water year elevation at Lake Powell of 3639.81 feet, with an annual release volume of 8.23 million acre-feet, which was above the equalization level for 2008 (3636 feet above sea level). In accordance with Section 6.B.3 of the Interim Guidelines, the operation of Glen Canyon Dam will be governed by Section 6.A (Equalization Tier) for the remainder of Water Year 2008. Under the Equalization Tier, it is likely that the annual release from Glen Canyon Dam for Water Year 2008 will be greater than 8.23 million acre-feet. The August 24 Month Study projects the annual release from Glen Canyon Dam to be 8.972 million acre-feet; however, the projected annual release will be updated each month throughout the remainder of the Water Year to achieve the operation specified in Section 6.A.1.

In this study, the Calendar Year (CY) 2008 diversion for Metropolitan Water District of Southern California (MWD) is forecasted to be 0.877 million acre-feet (maf). The CY 2008 diversion for the Central Arizona Project (CAP) is forecasted to be 1.509 maf. Consumptive use for Nevada above Hoover is forecasted to be 0.279 maf for CY 2008.

Due to declining Lake Mead elevations, Hoover’s generator capacity is adjusted based on estimated effective capacity and plant availability. The estimated effective capacity is based on projected Lake Mead elevations. Unit capacity tests will be performed as the lake elevation changes in 2' increments. This study reflects these changes in the projections.

Current runoff projections into Lake Powell are provided by the National Weather Service’s Colorado Basin River Forecast Center and are as follows: Observed unregulated inflow into Lake Powell for the month of July, 2008 was 1.672 maf or 107% of the 30 year average. The forecast for August, 2008 unregulated inflow into Lake Powell is 0.700 maf or 114% of the 30 year average. The preliminary forecast volume for the April through July unregulated inflow period is 8.85 maf or 111% of average.

Hoover, Davis, and Parker historical gross energy figures come from PO&M reports provided by the Power and O&M Group, Boulder Canyon Operations, Bureau of Reclamation, Boulder City, Nevada. Questions regarding these historical energy numbers can be directed to Larry Karr at (702) 293-8094.

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T E M R E S E R V O I R S

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Fontenelle Reservoir

		Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Aug 2007	35	2	50	0	50	6486.48	205
H	Sep 2007	25	1	27	16	43	6483.42	186
	WY 2007	577	14	602	16	618		
I	Oct 2007	33	1	37	6	44	6481.38	175
S	Nov 2007	32	1	41	2	42	6479.48	164
T	Dec 2007	27	1	43	0	44	6476.19	147
O	Jan 2008	24	0	43	0	43	6472.00	128
R	Feb 2008	25	0	40	1	41	6468.13	111
I	Mar 2008	32	0	43	0	43	6465.20	100
C	Apr 2008	53	1	42	0	42	6467.95	111
A	May 2008	132	1	64	1	65	6481.73	177
L	Jun 2008	224	2	100	0	101	6499.83	298
*	Jul 2008	173	3	104	34	138	6503.99	330
	Aug 2008	70	2	94	0	94	6500.60	304
	Sep 2008	45	2	60	5	66	6497.58	281
	WY 2008	870	14	712	50	762		
	Oct 2008	45	1	68	0	68	6494.22	257
	Nov 2008	44	1	66	0	66	6490.97	234
	Dec 2008	33	1	68	0	68	6485.48	199
	Jan 2009	31	1	68	0	68	6478.98	161
	Feb 2009	29	0	61	0	61	6472.15	128
	Mar 2009	53	0	68	0	68	6468.56	113
	Apr 2009	90	1	83	0	83	6470.03	119
	May 2009	190	1	100	5	105	6486.19	203
	Jun 2009	301	2	104	99	202	6500.11	300
	Jul 2009	185	3	101	41	141	6505.36	341
	Aug 2009	84	2	92	0	92	6504.04	330
	Sep 2009	50	2	58	11	69	6501.33	309
	WY 2009	1135	15	937	155	1092		
	Oct 2009	49	1	71	0	71	6498.18	285
	Nov 2009	41	1	69	0	69	6494.17	257
	Dec 2009	32	1	71	0	71	6488.18	216
	Jan 2010	30	1	71	0	71	6481.34	174
	Feb 2010	27	1	65	0	65	6473.87	136
	Mar 2010	51	0	71	0	71	6469.11	115
	Apr 2010	89	1	83	0	83	6470.32	120
	May 2010	176	1	99	2	101	6484.65	194
	Jun 2010	308	2	103	96	199	6500.16	300
	Jul 2010	186	3	101	41	141	6505.54	342

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Flaming Gorge Reservoir

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Yampa Flow 1000 Ac-Ft	Jensen Flow 1000 Ac-Ft
*	Aug 2007	32	46	12	51	0	51	86	6022.87	3082	0	66
H	Sep 2007	23	40	10	49	0	49	85	6022.35	3063	0	72
	WY 2007	744	784	77	777	0	777					2764
I	Oct 2007	35	46	7	49	1	50	85	6022.07	3053	0	95
S	Nov 2007	33	42	3	49	0	49	85	6021.81	3044	0	83
T	Dec 2007	21	37	2	41	9	50	84	6021.40	3029	0	83
O	Jan 2008	24	43	2	50	0	50	84	6021.15	3020	0	0
R	Feb 2008	33	49	2	47	0	47	84	6021.15	3020	0	327
I	Mar 2008	59	70	3	50	0	50	84	6021.55	3035	0	141
C	Apr 2008	83	71	5	53	0	53	85	6021.85	3045	0	231
A	May 2008	176	110	7	101	0	101	85	6021.85	3045	0	790
L	Jun 2008	284	161	10	177	0	177	84	6021.15	3020	0	911
*	Jul 2008	188	153	12	93	0	93	86	6022.43	3066	0	287
	Aug 2008	75	99	12	92	0	92	85	6022.29	3061	0	92
	Sep 2008	50	71	11	89	0	89	84	6021.51	3033	0	89
	WY 2008	1061	953	76	893	10	903					3131
	Oct 2008	50	73	7	80	0	80	84	6021.14	3020	0	80
	Nov 2008	49	71	3	77	0	77	83	6020.87	3011	0	77
	Dec 2008	33	68	2	80	0	80	83	6020.51	2997	0	80
	Jan 2009	39	76	2	80	0	80	83	6020.35	2992	0	80
	Feb 2009	44	76	2	72	0	72	83	6020.41	2994	0	72
	Mar 2009	95	110	3	49	0	49	85	6021.97	3050	0	49
	Apr 2009	134	127	5	48	0	48	88	6023.96	3122	0	48
	May 2009	261	176	8	170	0	170	88	6023.90	3120	0	170
	Jun 2009	359	260	10	125	0	125	92	6027.13	3240	0	125
	Jul 2009	198	154	13	95	0	95	94	6028.29	3283	0	95
	Aug 2009	90	98	13	95	0	95	94	6028.05	3274	0	95
	Sep 2009	52	71	11	92	0	92	93	6027.23	3243	0	92
	WY 2009	1404	1361	78	1065	0	1065					1065
	Oct 2009	59	81	7	95	0	95	92	6026.69	3223	0	95
	Nov 2009	51	79	3	92	0	92	91	6026.26	3207	0	92
	Dec 2009	37	76	2	95	0	95	90	6025.73	3187	0	95
	Jan 2010	41	82	2	95	0	95	90	6025.36	3173	0	95
	Feb 2010	46	84	2	86	0	86	90	6025.23	3169	0	86
	Mar 2010	103	123	3	95	0	95	91	6025.89	3193	0	95
	Apr 2010	142	136	5	92	0	92	92	6026.89	3231	0	92
	May 2010	263	188	8	188	0	188	92	6026.71	3224	0	188
	Jun 2010	400	291	10	145	0	145	97	6030.13	3354	0	145
	Jul 2010	219	174	14	117	0	117	99	6031.22	3396	0	117

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Taylor Park Reservoir

		Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Aug 2007	10	18	9318.20	84
H	Sep 2007	8	14	9314.67	78
	WY 2007	130	124		
I	Oct 2007	7	7	9314.68	78
S	Nov 2007	4	4	9314.68	78
T	Dec 2007	5	5	9314.89	78
O	Jan 2008	5	4	9315.09	78
R	Feb 2008	4	4	9314.99	78
I	Mar 2008	4	7	9313.24	75
C	Apr 2008	7	19	9305.56	63
A	May 2008	36	29	9310.30	70
L	Jun 2008	65	40	9324.75	96
*	Jul 2008	29	34	9322.03	91
	Aug 2008	14	22	9317.34	82
	Sep 2008	10	15	9314.15	77
	WY 2008	190	191		
	Oct 2008	8	10	9312.95	75
	Nov 2008	6	6	9312.65	74
	Dec 2008	4	6	9311.36	72
	Jan 2009	4	6	9310.06	70
	Feb 2009	4	6	9309.11	68
	Mar 2009	4	6	9307.75	66
	Apr 2009	9	10	9307.10	65
	May 2009	30	13	9317.45	82
	Jun 2009	47	29	9327.09	100
	Jul 2009	19	20	9326.58	99
	Aug 2009	10	20	9321.33	89
	Sep 2009	8	15	9317.45	82
	WY 2009	152	147		
	Oct 2009	6	10	9315.15	78
	Nov 2009	5	6	9314.56	77
	Dec 2009	4	6	9313.28	75
	Jan 2010	4	6	9311.98	73
	Feb 2010	4	6	9311.02	72
	Mar 2010	4	6	9309.68	69
	Apr 2010	8	11	9307.75	66
	May 2010	27	12	9316.88	81
	Jun 2010	43	24	9327.09	100
	Jul 2010	20	20	9327.09	100

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Blue Mesa Reservoir

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Aug 2007	75	83	1	109	0	109	7510.40	749
H	Sep 2007	50	56	1	117	0	117	7503.06	687
	WY 2007	895	889	9	861	0	861		
I	Oct 2007	48	48	1	85	0	85	7498.53	649
S	Nov 2007	31	31	0	65	0	65	7494.31	615
T	Dec 2007	33	33	0	67	0	67	7489.90	581
O	Jan 2008	33	33	0	93	0	93	7481.92	520
R	Feb 2008	31	31	0	97	0	97	7472.73	454
I	Mar 2008	36	39	0	53	0	53	7470.50	439
C	Apr 2008	107	119	1	147	0	147	7466.24	411
A	May 2008	318	312	1	199	50	250	7475.27	472
L	Jun 2008	409	383	1	143	20	163	7503.56	691
*	Jul 2008	172	176	1	103	0	103	7511.87	762
	Aug 2008	80	88	1	115	0	115	7508.69	735
	Sep 2008	50	55	1	109	0	109	7502.26	680
	WY 2008	1348	1349	8	1277	70	1348		
	Oct 2008	45	47	1	73	0	73	7499.04	653
	Nov 2008	34	34	0	49	0	49	7497.23	639
	Dec 2008	28	30	0	87	0	87	7490.00	581
	Jan 2009	28	30	0	87	0	87	7482.49	524
	Feb 2009	25	27	0	74	0	74	7475.90	477
	Mar 2009	38	40	0	74	0	74	7470.96	442
	Apr 2009	79	80	1	74	0	74	7471.74	448
	May 2009	217	200	1	70	0	70	7489.40	577
	Jun 2009	298	280	1	55	0	55	7516.15	800
	Jul 2009	113	114	2	110	0	110	7516.40	802
	Aug 2009	64	74	1	118	0	118	7511.31	757
	Sep 2009	38	45	1	105	0	105	7504.20	696
	WY 2009	1007	1001	9	977	0	977		
	Oct 2009	35	39	1	80	0	80	7499.20	655
	Nov 2009	31	32	0	50	0	50	7496.95	637
	Dec 2009	25	27	0	82	0	82	7490.00	581
	Jan 2010	24	26	0	73	0	73	7483.84	534
	Feb 2010	22	24	0	62	0	62	7478.58	496
	Mar 2010	34	36	0	62	0	62	7474.89	469
	Apr 2010	73	76	1	64	0	64	7476.50	481
	May 2010	212	197	1	65	0	65	7493.87	612
	Jun 2010	271	252	1	69	0	69	7515.39	793
	Jul 2010	121	121	2	110	0	110	7516.40	802

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Morrow Point Reservoir

		Unreg Inflow 1000 Ac-Ft	Blue_Mesa Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Evap losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Aug 2007	67	109	-8	101	0	100	0	100	7154.39	113
H	Sep 2007	41	117	-8	109	0	107	0	107	7156.75	114
	WY 2007	883	861	-12	848	1	839	0	839		
I	Oct 2007	43	85	-5	80	0	85	0	85	7150.81	110
S	Nov 2007	28	65	-3	62	0	63	0	63	7149.32	109
T	Dec 2007	31	67	-3	65	0	62	0	62	7152.91	111
O	Jan 2008	29	93	-4	89	0	87	0	87	7156.26	114
R	Feb 2008	26	97	-5	92	0	99	0	99	7146.95	107
I	Mar 2008	34	53	-2	52	0	45	0	45	7155.12	113
C	Apr 2008	109	147	1	148	0	153	0	153	7149.81	109
A	May 2008	343	250	25	275	0	255	24	278	7144.87	105
L	Jun 2008	432	163	23	186	0	177	4	180	7152.31	111
*	Jul 2008	178	103	6	109	0	108	0	108	7152.94	111
	Aug 2008	85	115	5	120	0	119	0	119	7153.73	112
	Sep 2008	50	109	0	109	0	109	0	109	7153.73	112
	WY 2008	1388	1348	39	1387	1	1361	27	1389		
	Oct 2008	50	73	5	78	0	78	0	78	7153.73	112
	Nov 2008	35	49	1	50	0	50	0	50	7153.73	112
	Dec 2008	30	87	2	89	0	89	0	89	7153.73	112
	Jan 2009	30	87	2	89	0	89	0	89	7153.73	112
	Feb 2009	28	74	3	77	0	77	0	77	7153.73	112
	Mar 2009	43	74	5	79	0	79	0	79	7153.73	112
	Apr 2009	93	74	14	88	0	88	0	88	7153.73	112
	May 2009	245	70	28	98	0	98	0	98	7153.73	112
	Jun 2009	328	55	30	85	0	85	0	85	7153.73	112
	Jul 2009	120	110	7	117	0	117	0	117	7153.73	112
	Aug 2009	67	118	3	121	0	121	0	121	7153.73	112
	Sep 2009	41	105	3	108	0	108	0	108	7153.73	112
	WY 2009	1110	977	103	1080	0	1080	0	1080		
	Oct 2009	38	80	3	83	0	83	0	83	7153.73	112
	Nov 2009	33	50	2	52	0	52	0	52	7153.73	112
	Dec 2009	27	82	2	84	0	84	0	84	7153.73	112
	Jan 2010	26	73	2	75	0	75	0	75	7153.73	112
	Feb 2010	25	62	3	65	0	65	0	65	7153.73	112
	Mar 2010	38	62	4	66	0	66	0	66	7153.73	112
	Apr 2010	84	64	11	75	0	75	0	75	7153.73	112
	May 2010	237	65	25	90	0	90	0	90	7153.73	112
	Jun 2010	292	69	21	90	0	90	0	90	7153.73	112
	Jul 2010	127	110	6	116	0	116	0	116	7153.73	112

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Crystal Reservoir

	unreg Inflow 1000 Ac-Ft	Morrow Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Tunnel Flow 1000 Ac-Ft	Below_tunnel Flow 1000 Ac-Ft
* Aug 2007	74	100	7	107	108	0	108	6744.63	15	63	51
H Sep 2007	46	107	5	112	112	0	112	6746.25	15	56	62
WY 2007	991	839	108	946	907	39	946			363	632
I Oct 2007	48	85	5	90	90	0	90	6745.51	15	38	54
S Nov 2007	32	63	4	67	66	0	66	6748.78	16	1	70
T Dec 2007	35	62	5	67	68	0	68	6742.95	14	1	73
O Jan 2008	34	87	5	91	77	13	90	6748.45	16	1	94
R Feb 2008	30	99	4	103	72	31	103	6749.17	16	1	108
I Mar 2008	41	45	6	52	52	0	52	6749.59	16	1	54
C Apr 2008	124	153	16	168	127	40	168	6751.31	16	23	150
A May 2008	388	278	45	323	130	191	321	6760.22	19	54	275
L Jun 2008	484	180	52	232	118	116	234	6753.95	17	47	196
* Jul 2008	191	108	13	121	123	0	123	6747.80	15	62	72
Aug 2008	95	119	10	129	128	0	128	6753.04	17	65	63
Sep 2008	57	109	7	116	116	0	116	6753.04	17	55	61
WY 2008	1559	1389	172	1560	1167	391	1558			349	1270
Oct 2008	60	78	10	88	88	0	88	6753.04	17	30	58
Nov 2008	42	50	7	57	57	0	57	6753.04	17	0	57
Dec 2008	35	89	5	94	94	0	94	6753.04	17	0	94
Jan 2009	34	89	4	93	93	0	93	6753.04	17	0	93
Feb 2009	32	77	4	81	81	0	81	6753.04	17	0	81
Mar 2009	51	79	8	87	87	0	87	6753.04	17	5	82
Apr 2009	107	88	14	102	102	0	102	6753.04	17	30	72
May 2009	280	98	35	133	133	0	133	6753.04	17	55	78
Jun 2009	372	85	44	129	129	0	129	6753.04	17	60	69
Jul 2009	135	117	15	132	132	0	132	6753.04	17	65	67
Aug 2009	76	121	9	130	130	0	130	6753.04	17	65	65
Sep 2009	49	108	8	116	116	0	116	6753.04	17	55	61
WY 2009	1273	1080	163	1242	1242	0	1242			365	878
Oct 2009	44	83	6	89	89	0	89	6753.04	17	30	59
Nov 2009	38	52	5	57	57	0	57	6753.04	17	0	57
Dec 2009	32	84	5	89	89	0	89	6753.04	17	0	89
Jan 2010	31	75	5	80	80	0	80	6753.04	17	0	80
Feb 2010	29	65	4	69	69	0	69	6753.04	17	0	69
Mar 2010	46	66	8	74	74	0	74	6753.04	17	5	69
Apr 2010	96	75	12	87	87	0	87	6753.04	17	30	57
May 2010	272	90	35	125	125	0	125	6753.04	17	55	70
Jun 2010	330	90	38	128	128	0	128	6753.04	17	60	68
Jul 2010	144	116	17	133	133	0	133	6753.04	17	65	68

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Vallecito Reservoir

		Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Aug 2007	27	34	7654.84	99
H	Sep 2007	18	34	7648.41	83
	WY 2007	330	327		
I	Oct 2007	15	31	7641.28	67
S	Nov 2007	7	4	7642.40	69
T	Dec 2007	8	3	7644.42	74
O	Jan 2008	6	4	7645.29	76
R	Feb 2008	6	17	7640.08	65
I	Mar 2008	11	36	7626.73	39
C	Apr 2008	33	29	7628.85	43
A	May 2008	77	38	7647.76	82
L	Jun 2008	84	43	7663.79	122
*	Jul 2008	32	40	7660.68	114
	Aug 2008	20	39	7652.85	94
	Sep 2008	15	33	7645.13	76
	WY 2008	314	318		
	Oct 2008	15	20	7643.03	71
	Nov 2008	8	6	7643.88	73
	Dec 2008	7	5	7644.92	75
	Jan 2009	6	5	7645.50	76
	Feb 2009	5	4	7645.83	77
	Mar 2009	8	5	7647.21	80
	Apr 2009	20	12	7650.45	88
	May 2009	70	43	7660.95	115
	Jun 2009	76	65	7664.95	125
	Jul 2009	28	43	7659.07	110
	Aug 2009	18	40	7650.10	87
	Sep 2009	18	30	7644.82	75
	WY 2009	279	276		
	Oct 2009	13	20	7641.80	68
	Nov 2009	8	6	7642.67	70
	Dec 2009	6	5	7643.27	71
	Jan 2010	5	5	7643.42	72
	Feb 2010	5	4	7643.76	72
	Mar 2010	8	5	7645.18	76
	Apr 2010	22	12	7649.34	85
	May 2010	69	43	7659.55	111
	Jun 2010	78	65	7664.33	124
	Jul 2010	31	43	7659.58	111

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Navajo Reservoir

	Mod_Unreg Inflow 1000 Ac-Ft	Azetea Tunnel_Div 1000 Ac-Ft	Reg Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	NIIP Diversion 1000 ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Farm Flow 1000 Ac-Ft
* Aug 2007	61	7	59	4	33	48	6074.98	1551	82
H Sep 2007	27	2	41	3	23	56	6072.10	1510	80
WY 2007	1096	119	974	31	192	660			1160
I Oct 2007	41	0	57	2	10	46	6072.01	1509	79
S Nov 2007	19	0	17	1	1	43	6070.07	1482	57
T Dec 2007	46	0	40	1	0	42	6069.89	1479	67
O Jan 2008	26	0	24	1	0	47	6068.19	1456	69
R Feb 2008	38	0	48	1	0	122	6062.59	1381	160
I Mar 2008	147	6	167	2	6	219	6057.91	1321	284
C Apr 2008	242	27	218	2	21	156	6060.97	1360	240
A May 2008	328	45	243	4	31	149	6065.54	1420	303
L Jun 2008	307	49	214	4	39	221	6061.77	1370	411
* Jul 2008	82	14	74	4	40	32	6061.63	1369	102
Aug 2008	45	5	60	4	39	35	6060.22	1351	35
Sep 2008	45	1	62	3	23	31	6060.69	1357	31
WY 2008	1364	147	1226	28	210	1142			1838
Oct 2008	40	0	44	2	7	31	6061.11	1362	31
Nov 2008	32	0	30	1	0	30	6061.05	1361	30
Dec 2008	26	0	24	1	0	31	6060.44	1353	31
Jan 2009	24	0	23	1	0	31	6059.75	1345	31
Feb 2009	33	0	32	1	0	28	6060.03	1348	28
Mar 2009	102	4	94	2	4	31	6064.52	1406	31
Apr 2009	166	13	145	3	16	30	6071.63	1503	30
May 2009	287	33	227	4	30	149	6074.77	1548	149
Jun 2009	245	40	194	5	45	182	6072.08	1510	182
Jul 2009	61	13	63	5	49	31	6070.56	1488	31
Aug 2009	36	13	45	4	41	36	6067.99	1453	36
Sep 2009	44	4	52	3	24	32	6067.54	1447	32
WY 2009	1096	119	974	29	215	640			640
Oct 2009	38	0	45	2	7	31	6067.94	1452	31
Nov 2009	33	0	31	1	0	30	6067.96	1453	30
Dec 2009	24	0	23	1	0	31	6067.31	1444	31
Jan 2010	22	0	22	1	0	31	6066.58	1434	31
Feb 2010	30	0	29	1	0	28	6066.62	1434	28
Mar 2010	88	4	80	2	4	31	6069.85	1478	31
Apr 2010	174	13	151	3	16	34	6076.79	1577	34
May 2010	279	33	220	4	30	200	6075.83	1563	200
Jun 2010	246	40	193	5	45	212	6070.98	1494	212
Jul 2010	74	13	73	5	49	31	6070.18	1483	31

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Lake Powell

	Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	PowerPlant Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Bank Storage 1000 Ac-Ft	EOM Storage 1000 Ac-Ft	Lees Ferry 1000 Ac-Ft
* Aug 2007	378	437	52	804	0	804	3603.58	18278	12095	818
H Sep 2007	296	454	47	604	0	604	3601.87	18246	11929	617
WY 2007	8213	8077	371	8230	0	8231				8397
I Oct 2007	467	540	32	601	0	601	3600.62	18273	11809	612
S Nov 2007	397	470	31	603	0	603	3598.63	18298	11620	615
T Dec 2007	398	455	24	803	0	803	3594.64	18299	11246	814
O Jan 2008	336	440	7	801	0	801	3590.66	18296	10880	813
R Feb 2008	412	568	8	602	0	602	3590.66	18254	10880	613
I Mar 2008	589	717	13	737	93	830	3589.77	18208	10800	848
C Apr 2008	1003	983	21	678	0	678	3594.09	18098	11195	691
A May 2008	2644	2384	27	790	0	790	3610.81	18048	12812	808
L Jun 2008	3525	3239	49	791	0	791	3631.05	18288	14971	810
* Jul 2008	1672	1393	63	865	0	865	3633.00	18532	15192	887
Aug 2008	700	784	54	890	0	890	3631.69	18520	15043	890
Sep 2008	500	607	47	717	0	717	3630.41	18508	14899	717
WY 2008	12642	12579	378	8879	93	8972				9119
Oct 2008	550	605	42	717	0	717	3629.14	18497	14756	717
Nov 2008	502	543	35	600	0	600	3628.37	18490	14671	600
Dec 2008	406	517	29	800	0	800	3625.75	18467	14383	800
Jan 2009	383	490	21	800	0	800	3622.92	18442	14076	800
Feb 2009	399	471	20	700	0	700	3620.77	18424	13845	700
Mar 2009	629	556	25	660	0	660	3619.65	18414	13726	660
Apr 2009	866	667	28	659	0	659	3619.47	18413	13707	659
May 2009	2147	1834	39	800	0	800	3627.99	18487	14629	800
Jun 2009	2866	2412	47	800	0	800	3640.63	18602	16077	800
Jul 2009	1306	1232	55	956	0	956	3642.34	18619	16282	956
Aug 2009	524	637	57	956	0	956	3639.41	18591	15934	956
Sep 2009	420	542	49	600	0	600	3638.57	18583	15835	600
WY 2009	10998	10506	446	9048	0	9048				9048
Oct 2009	556	637	44	601	0	601	3638.51	18582	15827	601
Nov 2009	551	608	37	600	0	600	3638.28	18580	15801	600
Dec 2009	440	562	30	800	0	800	3636.15	18560	15553	800
Jan 2010	406	518	23	900	0	900	3632.88	18530	15178	900
Feb 2010	421	499	21	800	0	800	3630.24	18507	14880	800
Mar 2010	663	634	26	800	0	800	3628.65	18492	14702	800
Apr 2010	984	814	29	1000	0	1000	3626.84	18476	14502	1000
May 2010	2309	2071	40	1100	0	1100	3634.51	18545	15364	1100
Jun 2010	3085	2679	49	1160	0	1160	3646.02	18654	16726	1160
Jul 2010	1559	1465	57	1285	0	1285	3646.95	18663	16839	1285

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Hoover Dam - Lake Mead

		Glen Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release CFS	SNWP Use 1000 Ac-Ft	Dwnstrm Reqmnts 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
*	Aug 2007	804	138	80	803	13.1	33	801	818	1111.84	12578
H	Sep 2007	604	63	66	656	11.0	24	653	813	1111.06	12505
	WY 2007	8231	677	633	9450		297	9420			
I	Oct 2007	601	32	48	570	9.3	26	564	812	1110.95	12494
S	Nov 2007	603	67	48	576	9.7	19	575	814	1111.22	12520
T	Dec 2007	803	95	42	477	7.8	17	467	836	1114.81	12860
O	Jan 2008	801	88	34	672	10.9	14	659	846	1116.46	13017
R	Feb 2008	602	147	32	659	11.5	11	658	849	1116.93	13062
I	Mar 2008	830	116	35	1025	16.7	17	1023	841	1115.65	12940
C	Apr 2008	678	40	44	1159	19.5	25	1155	810	1110.61	12463
A	May 2008	790	47	49	1113	18.1	27	1110	789	1107.05	12132
L	Jun 2008	791	39	59	949	15.9	25	949	776	1104.98	11941
*	Jul 2008	865	66	73	876	14.2	37	874	773	1104.42	11890
	Aug 2008	890	115	78	823	13.4	35	823	777	1105.13	11955
	Sep 2008	717	79	64	716	12.0	29	716	776	1105.00	11943
	WY 2008	8972	931	606	9613		283	9572			
	Oct 2008	717	68	47	516	8.4	29	516	788	1106.96	12123
	Nov 2008	600	68	47	531	8.9	18	531	792	1107.68	12190
	Dec 2008	800	61	41	538	8.8	12	538	809	1110.41	12444
	Jan 2009	800	126	34	680	11.1	12	680	821	1112.41	12632
	Feb 2009	700	116	31	641	11.5	12	641	829	1113.71	12755
	Mar 2009	660	87	35	913	14.9	16	913	816	1111.54	12550
	Apr 2009	659	74	43	1070	18.0	22	1070	791	1107.49	12173
	May 2009	800	65	49	1030	16.7	35	1030	776	1104.96	11939
	Jun 2009	800	16	58	848	14.3	34	848	768	1103.68	11823
	Jul 2009	956	57	73	912	14.8	33	912	768	1103.63	11819
	Aug 2009	956	115	78	820	13.3	30	820	777	1105.10	11953
	Sep 2009	600	79	64	593	10.0	33	593	776	1105.00	11943
	WY 2009	9048	931	599	9093		287	9093			
	Oct 2009	601	68	47	408	6.6	31	408	787	1106.87	12115
	Nov 2009	600	68	47	490	8.2	23	490	794	1107.96	12216
	Dec 2009	800	61	41	616	10.0	11	616	806	1109.91	12397
	Jan 2010	900	128	34	754	12.3	12	754	820	1112.19	12611
	Feb 2010	800	78	31	894	16.1	12	894	816	1111.59	12555
	Mar 2010	800	76	35	1011	16.4	16	1011	805	1109.73	12381
	Apr 2010	1000	63	43	1034	17.4	22	1034	803	1109.37	12347
	May 2010	1100	17	49	981	16.0	35	981	806	1109.88	12395
	Jun 2010	1160	55	60	877	14.7	34	877	821	1112.33	12625
	Jul 2010	1285	115	76	795	12.9	33	795	851	1117.21	13090

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Davis Dam - Lake Mohave

		Hoover Release 1000 Ac-Ft	Side inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Spill Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release CFS	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
*	Aug 2007	803	-29	786	0	786	12.8	642.45	1684
H	Sep 2007	656	-18	777	0	777	13.0	637.26	1545
	WY 2007	9450	-249	9241	0	9241			
I	Oct 2007	570	-14	635	0	635	10.3	634.21	1465
S	Nov 2007	576	-17	516	0	516	8.7	635.89	1509
T	Dec 2007	477	-24	396	0	396	6.4	638.03	1565
O	Jan 2008	672	-27	547	0	547	8.9	641.68	1663
R	Feb 2008	659	-12	717	0	717	12.5	639.09	1593
I	Mar 2008	1025	-26	974	0	974	15.8	640.01	1618
C	Apr 2008	1159	-23	1104	0	1104	18.6	641.20	1650
A	May 2008	1113	-45	993	0	993	16.2	643.95	1725
L	Jun 2008	949	-34	932	0	932	15.7	643.36	1709
*	Jul 2008	876	-23	896	0	896	14.6	641.79	1666
	Aug 2008	823	-25	806	0	806	13.1	641.50	1658
	Sep 2008	716	-18	792	0	792	13.3	638.00	1564
	WY 2008	9613	-286	9307	0	9307			
	Oct 2008	516	-2	644	0	644	10.5	633.00	1434
	Nov 2008	531	-16	490	0	490	8.2	634.00	1460
	Dec 2008	538	-19	396	0	396	6.4	638.71	1583
	Jan 2009	680	-20	576	0	576	9.4	641.80	1666
	Feb 2009	641	-14	627	0	627	11.3	641.80	1666
	Mar 2009	913	-25	854	0	854	13.9	643.05	1700
	Apr 2009	1070	-30	1042	0	1042	17.5	643.01	1699
	May 2009	1030	-33	997	0	997	16.2	643.01	1699
	Jun 2009	848	-27	849	0	849	14.3	642.00	1671
	Jul 2009	912	-25	901	0	901	14.6	641.50	1658
	Aug 2009	820	-25	795	0	795	12.9	641.50	1658
	Sep 2009	593	-18	669	0	669	11.2	638.00	1564
	WY 2009	9093	-253	8840	0	8840			
	Oct 2009	408	-2	536	0	536	8.7	633.00	1434
	Nov 2009	490	-16	449	0	449	7.5	634.00	1460
	Dec 2009	616	-19	474	0	474	7.7	638.71	1583
	Jan 2010	754	-16	655	0	655	10.7	641.80	1666
	Feb 2010	894	-23	872	0	872	15.7	641.80	1666
	Mar 2010	1011	-31	946	0	946	15.4	643.05	1700
	Apr 2010	1034	-32	1003	0	1003	16.9	643.01	1699
	May 2010	981	-28	953	0	953	15.5	643.01	1699
	Jun 2010	877	-24	880	0	880	14.8	642.00	1671
	Jul 2010	795	-25	784	0	784	12.7	641.50	1658

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Parker Dam - Lake Havasu

		Davis Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	MWD Diversion 1000 Ac-Ft	CAP diversion 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft	Flow_to Mexico 1000 Ac-Ft	Flow_to Mexico 1000 CFS
*	Aug 2007	786	-13	634	10.3	98	42	448.28	585	97	1.6
H	Sep 2007	777	-7	555	9.3	91	134	447.77	576	92	1.5
	WY 2007	9241	-94	6803		689	1632			1514	
I	Oct 2007	635	2	455	7.4	27	164	447.28	566	80	1.3
S	Nov 2007	516	3	336	5.6	29	147	447.65	573	103	1.7
T	Dec 2007	396	10	270	4.4	35	118	446.77	557	126	2.1
O	Jan 2008	547	5	306	5.0	81	167	446.67	555	132	2.1
R	Feb 2008	717	-11	486	8.4	67	157	446.44	551	155	2.7
I	Mar 2008	974	-15	744	12.1	46	168	446.47	551	205	3.3
C	Apr 2008	1104	-10	838	14.1	76	166	447.25	566	202	3.4
A	May 2008	993	-11	684	11.1	96	172	448.84	596	113	1.8
L	Jun 2008	932	-25	691	11.6	93	126	448.62	592	116	1.9
*	Jul 2008	896	-18	728	11.8	87	78	447.86	577	122	2.0
	Aug 2008	806	-11	630	10.2	85	77	448.00	580	93	1.5
	Sep 2008	792	-12	563	9.5	83	156	446.80	557	89	1.5
	WY 2008	9307	-93	6730		806	1697			1536	
	Oct 2008	644	3	469	7.6	86	102	446.31	548	74	1.2
	Nov 2008	490	11	380	6.4	41	76	446.50	552	103	1.7
	Dec 2008	396	10	306	5.0	36	64	446.50	552	118	1.9
	Jan 2009	576	23	348	5.7	82	170	446.50	552	119	1.9
	Feb 2009	627	32	444	8.0	62	153	446.50	552	154	2.8
	Mar 2009	854	31	694	11.3	19	168	446.70	555	204	3.3
	Apr 2009	1042	-4	761	12.8	77	162	448.71	594	200	3.4
	May 2009	997	-14	723	11.8	97	163	448.71	594	109	1.8
	Jun 2009	849	-24	676	11.4	94	54	448.71	594	113	1.9
	Jul 2009	901	-17	729	11.9	86	83	448.00	580	119	1.9
	Aug 2009	795	-11	630	10.2	86	78	447.50	571	93	1.5
	Sep 2009	669	-12	461	7.8	83	126	446.81	557	89	1.5
	WY 2009	8840	26	6621		847	1399			1497	
	Oct 2009	536	3	373	6.1	86	89	446.31	548	74	1.2
	Nov 2009	449	11	308	5.2	27	122	446.50	552	103	1.7
	Dec 2009	474	10	337	5.5	26	121	446.50	552	122	2.0
	Jan 2010	655	35	433	7.0	82	176	446.50	552	119	1.9
	Feb 2010	872	28	680	12.2	62	158	446.50	552	154	2.8
	Mar 2010	946	-4	746	12.1	19	174	446.70	555	204	3.3
	Apr 2010	1003	-14	707	11.9	77	167	448.71	594	200	3.4
	May 2010	953	-25	662	10.8	97	168	448.71	594	109	1.8
	Jun 2010	880	-16	714	12.0	94	56	448.71	594	113	1.9
	Jul 2010	784	-11	615	10.0	86	86	448.00	580	119	1.9

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Hoover Dam - Lake Mead

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Hoover Static Head Feet	Hoover Generator Capacity MW	Hoover Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Aug 2007	803	13.1	1111.84	12578	24	0.00	1704.0	315.2	100	392.6
H	Sep 2007	656	11.0	1111.06	12505	-73	0.00	1500.0	252.9	88	385.6
	WY 2007	9450							3826.0		
I	Oct 2007	570	9.3	1110.95	12494	-10	0.00	1363.0	219.9	80	385.9
S	Nov 2007	575	9.7	1111.22	12520	25	0.00	1056.0	225.1	62	391.4
T	Dec 2007	477	7.8	1114.81	12860	340	0.00	1074.0	183.5	63	385.0
O	Jan 2008	672	10.9	1116.46	13017	158	0.00	1183.4	268.3	69	399.2
R	Feb 2008	659	11.5	1116.93	13062	45	0.00	1093.0	266.5	63	404.5
I	Mar 2008	1025	16.7	1115.65	12940	-123	0.00	1218.0	420.7	70	410.6
C	Apr 2008	1159	19.5	1110.61	12463	-477	0.00	1398.1	475.9	81	410.7
A	May 2008	1113	18.1	1107.05	12132	-331	0.00	1481.6	445.7	87	400.5
L	Jun 2008	949	15.9	1104.98	11941	-190	0.00	1694.0	371.6	100	391.7
*	Jul 2008	876	14.2	1104.42	11890	-51	0.00	1672.0	344.2	100	392.8
	Aug 2008	823	13.4	1105.13	11955	65	451.98	1678.0	335.6	100	407.9
	Sep 2008	716	12.0	1105.00	11943	-12	453.50	1677.0	289.0	100	403.7
	WY 2008	9612							3846.1		
	Oct 2008	516	8.4	1106.96	12123	180	460.80	1029.1	213.7	61	413.8
	Nov 2008	531	8.9	1107.68	12190	67	463.01	1150.6	215.3	68	405.3
	Dec 2008	538	8.8	1110.41	12444	254	461.65	1400.6	215.4	82	400.3
	Jan 2009	680	11.1	1112.41	12632	188	462.22	1289.2	278.6	75	409.9
	Feb 2009	641	11.5	1113.71	12755	123	464.28	1069.5	268.1	62	418.1
	Mar 2009	913	14.9	1111.54	12550	-205	461.24	1401.4	379.6	82	415.6
	Apr 2009	1070	18.0	1107.49	12173	-378	458.41	1281.4	449.9	76	420.5
	May 2009	1030	16.7	1104.96	11939	-233	452.53	1672.0	416.0	100	403.9
	Jun 2009	848	14.3	1103.68	11823	-116	450.97	1672.0	347.8	100	410.0
	Jul 2009	912	14.8	1103.63	11819	-4	450.80	1677.0	367.6	100	403.1
	Aug 2009	820	13.3	1105.10	11953	134	451.67	1691.0	334.1	100	407.5
	Sep 2009	593	10.0	1105.00	11943	-9	453.49	1684.0	237.2	100	400.0
	WY 2009	9093							3723.4		
	Oct 2009	408	6.6	1106.87	12115	172	458.46	1387.4	161.3	82	395.4
	Nov 2009	490	8.2	1107.96	12216	101	461.57	1389.1	200.9	82	410.0
	Dec 2009	616	10.0	1109.91	12397	182	460.22	1604.6	249.9	94	405.9
	Jan 2010	754	12.3	1112.19	12611	214	461.86	1280.2	313.6	75	415.8
	Feb 2010	894	16.1	1111.59	12555	-56	463.12	1058.3	379.6	62	424.5
	Mar 2010	1011	16.4	1109.73	12381	-174	459.28	1399.7	417.8	82	413.2
	Apr 2010	1034	17.4	1109.37	12347	-33	458.44	1297.3	432.5	76	418.4
	May 2010	981	16.0	1109.88	12395	48	455.91	1707.0	403.5	100	411.3
	Jun 2010	877	14.7	1112.33	12625	230	457.71	1707.0	357.9	100	408.3
	Jul 2010	795	12.9	1117.21	13090	466	461.84	1707.0	329.1	100	414.0

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Davis Dam - Lake Mohave

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Davis Static Head Feet	Davis Generator Capacity MW	Davis Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Aug 2007	786	12.8	642.45	1684	-12	0.00	255.0	99.2	100	126.3
H	Sep 2007	777	13.0	637.26	1545	-139	0.00	240.0	95.9	94	123.5
	WY 2007	9241							1148.3		
I	Oct 2007	635	10.3	634.21	1465	-79	0.00	201.0	76.0	79	119.8
S	Nov 2007	516	8.7	635.89	1509	43	0.00	171.0	61.8	67	119.8
T	Dec 2007	396	6.4	638.03	1565	56	0.00	181.0	48.9	71	123.4
O	Jan 2008	547	8.9	641.68	1663	98	0.00	158.1	67.9	62	124.1
R	Feb 2008	717	12.5	639.09	1593	-70	0.00	191.2	88.7	75	123.8
I	Mar 2008	974	15.8	640.01	1618	25	0.00	227.0	120.5	89	123.7
C	Apr 2008	1104	18.6	641.20	1650	32	0.00	255.0	135.8	100	123.0
A	May 2008	993	16.2	643.95	1725	75	0.00	255.0	123.5	100	124.4
L	Jun 2008	932	15.7	643.36	1709	-16	0.00	255.0	117.8	100	126.5
*	Jul 2008	896	14.6	641.79	1666	-43	0.00	255.0	111.7	100	124.6
	Aug 2008	806	13.1	641.50	1658	-8	134.62	255.0	100.5	100	124.7
	Sep 2008	792	13.3	638.00	1564	-94	133.86	211.7	97.3	83	122.9
	WY 2008	9307							1150.5		
	Oct 2008	644	10.5	633.00	1434	-130	130.22	186.2	77.3	73	120.1
	Nov 2008	490	8.2	634.00	1460	26	128.12	186.2	58.4	73	119.1
	Dec 2008	396	6.4	638.71	1583	123	131.81	165.8	48.5	65	122.4
	Jan 2009	576	9.4	641.80	1666	83	135.36	181.0	71.9	71	124.7
	Feb 2009	627	11.3	641.80	1666	0	135.63	224.4	78.6	88	125.4
	Mar 2009	854	13.9	643.05	1700	34	135.44	255.0	106.9	100	125.1
	Apr 2009	1042	17.5	643.01	1699	-1	136.08	255.0	129.7	100	124.6
	May 2009	997	16.2	643.01	1699	0	136.05	255.0	124.5	100	124.9
	Jun 2009	849	14.3	642.00	1671	-28	135.52	255.0	106.1	100	125.1
	Jul 2009	901	14.6	641.50	1658	-14	134.73	255.0	111.9	100	124.3
	Aug 2009	795	12.9	641.50	1658	0	134.46	255.0	99.1	100	124.6
	Sep 2009	669	11.2	638.00	1564	-94	132.63	255.0	82.6	100	123.6
	WY 2009	8840							1095.7		
	Oct 2009	536	8.7	633.00	1434	-130	128.15	255.0	64.7	100	120.7
	Nov 2009	449	7.5	634.00	1460	26	126.03	255.0	53.6	100	119.4
	Dec 2009	474	7.7	638.71	1583	123	129.41	242.3	57.8	95	121.9
	Jan 2010	655	10.7	641.80	1666	83	133.93	227.0	81.4	89	124.3
	Feb 2010	872	15.7	641.80	1666	0	134.78	255.0	108.1	100	124.0
	Mar 2010	946	15.4	643.05	1700	34	135.44	255.0	118.0	100	124.6
	Apr 2010	1003	16.9	643.01	1699	-1	136.08	255.0	125.1	100	124.7
	May 2010	953	15.5	643.01	1699	0	136.05	255.0	119.3	100	125.1
	Jun 2010	880	14.8	642.00	1671	-28	135.52	255.0	109.9	100	124.9
	Jul 2010	784	12.7	641.50	1658	-14	134.73	255.0	97.9	100	124.9

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Parker Dam - Lake Havasu

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Parker Static Head Feet	Parker Generator Capacity MW	Parker Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Aug 2007	634	10.3	448.28	585	-1	0.00	120.0	43.0	100	67.8
H	Sep 2007	555	9.3	447.77	576	-10	0.00	95.0	37.8	79	68.3
	WY 2007	6804							455.2		
I	Oct 2007	455	7.4	447.28	566	-9	0.00	90.0	31.5	75	69.3
S	Nov 2007	336	5.6	447.65	573	7	0.00	79.0	23.0	66	68.7
T	Dec 2007	270	4.4	446.77	557	-16	0.00	79.0	17.9	66	66.5
O	Jan 2008	306	5.0	446.67	555	-2	0.00	85.2	20.3	71	66.5
R	Feb 2008	486	8.4	446.44	551	-4	0.00	90.0	32.6	75	67.2
I	Mar 2008	744	12.1	446.47	551	1	0.00	90.0	49.8	75	67.0
C	Apr 2008	838	14.1	447.25	566	14	0.00	90.0	55.0	75	65.6
A	May 2008	684	11.1	448.84	596	30	0.00	90.0	46.4	75	67.9
L	Jun 2008	691	11.6	448.62	592	-4	0.00	90.0	47.3	75	68.4
*	Jul 2008	728	11.8	447.86	577	-14	0.00	90.0	48.9	75	67.3
	Aug 2008	630	10.2	448.00	580	3	75.61	112.8	41.6	94	66.0
	Sep 2008	563	9.5	446.80	557	-23	76.20	90.0	37.5	75	66.5
	WY 2008	6730							451.9		
	Oct 2008	469	7.6	446.31	548	-9	75.97	79.2	30.9	66	65.9
	Nov 2008	380	6.4	446.50	552	3	75.83	79.2	24.8	66	65.2
	Dec 2008	306	5.0	446.50	552	0	75.32	90.0	19.5	75	63.7
	Jan 2009	348	5.7	446.50	552	0	75.32	90.0	22.3	75	64.2
	Feb 2009	444	8.0	446.50	552	0	75.32	90.0	29.1	75	65.4
	Mar 2009	694	11.3	446.70	555	4	74.01	120.0	45.0	100	64.9
	Apr 2009	761	12.8	448.71	594	38	75.09	120.0	50.2	100	65.9
	May 2009	723	11.8	448.71	594	0	76.06	120.0	48.1	100	66.5
	Jun 2009	676	11.4	448.71	594	0	76.06	120.0	44.9	100	66.5
	Jul 2009	729	11.9	448.00	580	-14	75.72	120.0	48.3	100	66.3
	Aug 2009	630	10.2	447.50	571	-10	75.13	120.0	41.3	100	65.6
	Sep 2009	461	7.8	446.81	557	-13	75.95	90.0	30.3	75	65.8
	WY 2009	6621							434.8		
	Oct 2009	373	6.1	446.31	548	-9	75.98	79.2	24.3	66	65.1
	Nov 2009	308	5.2	446.50	552	3	75.83	79.2	19.8	66	64.3
	Dec 2009	337	5.5	446.50	552	0	75.92	79.2	21.8	66	64.6
	Jan 2010	433	7.0	446.50	552	0	75.32	90.0	28.1	75	65.0
	Feb 2010	680	12.2	446.50	552	0	75.32	90.0	45.2	75	66.4
	Mar 2010	746	12.1	446.70	555	4	74.01	120.0	48.5	100	65.0
	Apr 2010	707	11.9	448.71	594	38	75.09	120.0	46.5	100	65.8
	May 2010	662	10.8	448.71	594	0	76.06	120.0	44.0	100	66.4
	Jun 2010	714	12.0	448.71	594	0	76.06	120.0	47.5	100	66.6
	Jul 2010	615	10.0	448.00	580	-14	75.72	120.0	40.5	100	65.9

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Upper Basin Power

	Glen Canyon 1000 MWHR	Flam Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Res 1000 MWHR	Font Res 1000 MWHR
* Aug 2007	340	20	32	36	20	3
H Sep 2007	253	19	34	39	20	2
Summer 2007	593	39	65	75	41	5
I Oct 2007	251	19	24	30	17	2
S Nov 2007	252	19	18	22	12	2
T Dec 2007	334	15	19	22	13	3
O Jan 2008	330	19	25	31	15	2
R Feb 2008	247	18	26	35	14	2
I Mar 2008	299	19	14	16	9	2
Winter 2008	1714	110	126	156	80	14
C Apr 2008	280	20	38	55	23	2
A May 2008	333	39	52	92	23	4
L Jun 2008	348	68	40	63	22	7
* Jul 2008	390	36	31	39	23	9
Aug 2008	375	33	36	43	22	9
Sep 2008	302	32	33	39	20	6
Summer 2008	2027	229	230	330	133	37
Oct 2008	300	29	22	28	15	6
Nov 2008	251	28	15	18	10	6
Dec 2008	334	29	26	32	16	6
Jan 2009	332	29	25	32	16	5
Feb 2009	289	26	21	28	14	4
Mar 2009	272	18	21	28	15	4
Winter 2009	1778	159	130	167	87	31
Apr 2009	271	17	21	32	18	5
May 2009	332	62	20	35	23	7
Jun 2009	338	46	17	31	22	9
Jul 2009	410	35	35	42	23	10
Aug 2009	409	35	37	44	22	9
Sep 2009	256	34	32	39	20	6
Summer 2009	2017	228	162	222	128	45
Oct 2009	256	35	24	30	15	7
Nov 2009	255	34	15	19	10	6
Dec 2009	340	35	24	30	15	6
Jan 2010	380	35	21	27	14	6
Feb 2010	336	31	18	23	12	5
Mar 2010	335	35	18	24	13	5
Winter 2010	1902	204	121	153	79	34
Apr 2010	417	34	18	27	15	5
May 2010	461	69	19	32	22	7
Jun 2010	495	53	21	32	22	9
Jul 2010	555	43	35	42	23	10

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model_run_id = 2007

F L O O D C O N T R O L C R I T E R I A
B E G I N N I N G O F M O N T H C O N D I T I O N S

MON	YEAR	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	LAKE POWELL KAF	UPPER BASIN TOTAL KAF	LAKE MEAD KAF	TOTAL KAF	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	TOT OR MAX ALLOW KAF	LAKE POWELL KAF	LAKE MEAD KAF	TOTAL KAF	BOM SPACE REQD KAF	MEAD SCHED REL KAF	MEAD FC REL KAF	SYS CONT MAF
		* * * * P R E D I C T E D S P A C E * * * *							* * * * C R E D I T A B L E S P A C E * * * *									
									* * * * C R E D I T A B L E S P A C E * * * *									
AUG	2008	698	67	327	9128	10221	15490	25711	698	67	327	1092	9128	15490	25711	1500	823	0	34.9
SEP	2008	729	95	345	9277	10446	15425	25871	729	95	345	1169	9277	15425	25871	2270	716	0	34.5
OCT	2008	779	149	339	9421	10690	15437	26127	779	149	339	1268	9421	15437	26127	3040	516	0	34.4
NOV	2008	817	176	334	9564	10891	15257	26147	817	176	334	1327	9564	15257	26147	3810	531	0	34.3
DEC	2008	849	191	335	9649	11023	15190	26212	849	191	335	1374	9649	15190	26212	4580	538	0	34.3
JAN	2009	897	248	343	9937	11425	14936	26361	897	248	343	1488	9937	14936	26361	5350	680	0	34.1
									* * * * E F F E C T I V E S P A C E * * * *									
JAN	2009	897	248	343	9937	11425	14936	26361	490	248	298	1036	9937	14936	25909	5350	680	0	34.1
FEB	2009	940	305	351	10244	11841	14748	26589	531	305	306	1142	10244	14748	26135	1500	641	0	34.0
MAR	2009	971	353	348	10475	12147	14625	26772	559	353	302	1214	10475	14625	26314	1500	913	0	33.7
APR	2009	931	387	290	10594	12202	14830	27031	513	387	238	1139	10594	14830	26562	1500	1070	0	33.6
MAY	2009	853	382	193	10613	12040	15207	27247	427	382	123	931	10613	15207	26751	1500	1030	0	34.5
JUN	2009	771	253	148	9691	10863	15441	26304	336	246	44	626	9691	15441	25758	1500	848	0	36.2
JUL	2009	555	29	186	8243	9013	15557	24570	103	3	33	138	8243	15557	23938	1500	912	0	36.5
									* * * * C R E D I T A B L E S P A C E * * * *									
AUG	2009	470	27	208	8038	8743	15561	24304	470	27	208	704	8038	15561	24304	1500	820	0	36.1
SEP	2009	490	72	243	8386	9191	15427	24618	490	72	243	805	8386	15427	24618	2270	593	0	35.8
OCT	2009	541	133	249	8485	9409	15437	24846	541	133	249	924	8485	15437	24846	3040	408	0	35.7
NOV	2009	585	175	244	8493	9497	15265	24762	585	175	244	1004	8493	15265	24762	3810	490	0	35.8
DEC	2009	630	193	243	8519	9586	15164	24750	630	193	243	1067	8519	15164	24750	4580	616	0	35.7
JAN	2010	690	248	252	8767	9958	14983	24941	690	248	252	1190	8767	14983	24941	5350	754	0	35.5
									* * * * E F F E C T I V E S P A C E * * * *									
JAN	2010	690	248	252	8767	9958	14983	24941	395	248	203	846	8767	14983	24596	5350	754	0	35.5
FEB	2010	746	295	262	9142	10446	14769	25214	449	295	212	956	9142	14769	24867	1500	894	0	35.1
MAR	2010	789	334	262	9440	10825	14825	25650	489	334	211	1034	9440	14825	25299	1500	1011	0	34.8
APR	2010	785	360	218	9618	10981	14999	25981	482	360	161	1003	9618	14999	25620	1500	1034	0	34.7
MAY	2010	743	349	119	9818	11028	15033	26061	432	349	43	824	9818	15033	25674	1500	981	0	35.9
JUN	2010	676	218	133	8956	9983	14985	24968	357	213	23	593	8956	14985	24534	1500	877	0	37.8
JUL	2010	440	36	202	7594	8272	14755	23027	102	11	43	155	7594	14755	22505	1500	795	0	38.4

To: All Annual Operating Plan Recipients

From: Lower Colorado Region
Boulder Canyon Operations Office
River Operations Group
Douglas B. Blatchford, P.E.
P.O. Box 61470
Boulder City, NV 89006-1470
Phone: 702-293-8190

The operation of Lake Powell and Lake Mead in this 24 Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines). The Interim Guidelines are available for download at http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf

In April 2008, the 24-month study projected that the end of water year elevation at Lake Powell would be 3639.81 feet above sea level (asl) with the annual water year release volume set to 8.23 million acre-feet (maf). This projected elevation was above the equalization level for 2008 (3636 feet asl). As a result of this projected condition, in accordance with Section 6.B.3 (Upper Elevation Balancing Tier) of the Interim Guidelines, the operation of Glen Canyon Dam was to be governed by Section 6.A (Equalization Tier) for the remainder of water year 2008. Under the Equalization Tier, the annual release from Glen Canyon Dam for Water Year 2008 was projected to be greater than 8.23 maf. The September 24 Month Study projects the annual release from Glen Canyon Dam will be approximately 8.974 maf.

The monthly release from Glen Canyon Dam for September 2008 was determined on August 27 by Reclamation's Upper Colorado (UC) and Lower Colorado (LC) Regions, consistent with the Interim Guidelines. This monthly release will not be adjusted during September. This was necessary to implement steady flows from Glen Canyon Dam starting on September 1, consistent with the Final Environmental Assessment for Experimental Releases from Glen Canyon Dam, Arizona, 2008 through 2012.

In this study, the Calendar Year (CY) 2008 diversion for Metropolitan Water District of Southern California (MWD) is forecasted to be 0.866 maf. The CY 2008 diversion for the Central Arizona Project (CAP) is forecasted to be 1.503 maf. Consumptive use for Nevada above Hoover is forecasted to be 0.281 maf for CY 2008.

Due to declining Lake Mead elevations, Hoover's generator capacity is adjusted based on estimated effective capacity and plant availability. The estimated effective capacity is based on projected Lake Mead elevations. Unit capacity tests will be performed as the lake elevation changes in 2-foot increments. This study reflects these changes in the projections.

Current runoff projections into Lake Powell are provided by the National Weather Service's Colorado Basin River Forecast Center and are as follows: Observed unregulated inflow into Lake Powell for the month of August, 2008 was 0.479 maf or 78% of the 30 year average. The forecast for September, 2008 unregulated inflow into Lake Powell is 0.450 maf or 95% of the 30 year average. The observed volume for the April through July unregulated inflow period is 8.846 maf or 112% of average.

Hoover, Davis, and Parker historical gross energy figures come from PO&M reports provided by the Power and O&M Group, Boulder Canyon Operations, Bureau of Reclamation, Boulder City, Nevada. Questions regarding these historical energy numbers can be directed to Larry Karr at (702) 293-8094.

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Fontenelle Reservoir

		Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Sep 2007	25	1	27	16	43	6483.42	186
	WY 2007	577	14	601	16	618		
H	Oct 2007	33	1	37	6	44	6481.38	175
I	Nov 2007	32	1	41	2	42	6479.48	164
S	Dec 2007	27	1	43	0	44	6476.19	147
T	Jan 2008	24	0	43	0	43	6472.00	128
O	Feb 2008	25	0	40	1	41	6468.13	111
R	Mar 2008	32	0	43	0	43	6465.20	100
I	Apr 2008	53	1	42	0	42	6467.95	111
C	May 2008	132	1	64	1	65	6481.73	177
A	Jun 2008	224	2	100	0	101	6499.83	298
L	Jul 2008	173	3	104	34	138	6503.99	330
*	Aug 2008	47	2	91	0	91	6497.83	283
	Sep 2008	42	2	62	0	62	6494.75	261
	WY 2008	844	14	711	45	756		
	Oct 2008	45	1	65	0	65	6491.78	240
	Nov 2008	40	1	62	0	62	6488.24	217
	Dec 2008	33	1	65	0	65	6483.12	185
	Jan 2009	31	1	65	0	65	6476.83	150
	Feb 2009	29	0	58	0	58	6470.37	121
	Mar 2009	53	0	65	0	65	6467.48	109
	Apr 2009	90	1	77	0	77	6470.39	121
	May 2009	190	1	100	6	106	6486.24	204
	Jun 2009	301	2	104	99	202	6500.15	300
	Jul 2009	185	3	101	41	141	6505.40	341
	Aug 2009	84	2	92	0	92	6504.08	330
	Sep 2009	50	2	58	11	70	6501.31	309
	WY 2009	1131	15	911	156	1068		
	Oct 2009	49	1	72	0	72	6498.03	284
	Nov 2009	41	1	70	0	70	6493.92	255
	Dec 2009	32	1	72	0	72	6487.84	214
	Jan 2010	30	1	70	0	70	6481.18	173
	Feb 2010	27	1	65	0	65	6473.61	135
	Mar 2010	51	0	72	0	72	6468.76	114
	Apr 2010	89	1	83	0	83	6469.93	119
	May 2010	176	1	99	2	101	6484.39	192
	Jun 2010	308	2	103	96	199	6499.95	298
	Jul 2010	186	3	101	41	141	6505.34	340
	Aug 2010	83	2	92	0	92	6503.86	329

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Flaming Gorge Reservoir

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Yampa Flow 1000 Ac-Ft	Jensen Flow 1000 Ac-Ft
*	Sep 2007	23	40	10	49	0	49	85	6022.35	3063	0	72
	WY 2007	743	784	77	777	0	777					2764
H	Oct 2007	35	46	7	49	1	50	85	6022.07	3053	0	95
I	Nov 2007	33	42	3	49	0	49	85	6021.81	3044	0	83
S	Dec 2007	21	37	2	41	9	50	84	6021.40	3029	0	83
T	Jan 2008	24	43	2	50	0	50	84	6021.15	3020	0	0
O	Feb 2008	33	49	2	47	0	47	84	6021.15	3020	0	327
R	Mar 2008	59	70	3	50	0	50	84	6021.55	3035	0	141
I	Apr 2008	83	71	5	53	0	53	85	6021.85	3045	0	231
C	May 2008	176	110	7	101	0	101	85	6021.85	3045	0	790
A	Jun 2008	284	161	10	177	0	177	84	6021.15	3020	0	911
L	Jul 2008	188	153	12	93	0	93	86	6022.43	3066	0	287
*	Aug 2008	48	93	12	92	0	92	85	6022.12	3055	0	129
	Sep 2008	45	65	11	89	0	89	84	6021.20	3022	0	89
	WY 2008	1029	941	76	893	10	903					3168
	Oct 2008	45	65	7	80	0	80	83	6020.60	3001	0	80
	Nov 2008	45	67	3	77	0	77	82	6020.24	2988	0	77
	Dec 2008	33	65	2	80	0	80	82	6019.78	2972	0	80
	Jan 2009	39	73	2	80	0	80	81	6019.54	2963	0	80
	Feb 2009	44	73	2	71	0	71	81	6019.54	2963	0	71
	Mar 2009	95	107	3	49	0	49	84	6021.02	3016	0	49
	Apr 2009	134	121	5	48	0	48	86	6022.87	3082	0	48
	May 2009	261	177	7	184	0	184	86	6022.47	3068	0	184
	Jun 2009	359	260	10	112	0	112	91	6026.10	3201	0	112
	Jul 2009	198	154	13	92	0	92	93	6027.37	3249	0	92
	Aug 2009	90	98	12	92	0	92	93	6027.22	3243	0	92
	Sep 2009	52	72	11	89	0	89	92	6026.50	3216	0	89
	WY 2009	1395	1332	77	1053	0	1053					1053
	Oct 2009	59	83	7	92	0	92	91	6026.09	3201	0	92
	Nov 2009	51	80	3	89	0	89	90	6025.77	3189	0	89
	Dec 2009	37	77	2	92	0	92	90	6025.35	3173	0	92
	Jan 2010	41	81	2	92	0	92	89	6025.02	3161	0	92
	Feb 2010	45	83	2	83	0	83	89	6024.98	3159	0	83
	Mar 2010	103	124	3	92	0	92	90	6025.75	3188	0	92
	Apr 2010	142	137	5	89	0	89	92	6026.85	3229	0	89
	May 2010	263	189	8	192	0	192	92	6026.57	3218	0	192
	Jun 2010	400	291	10	140	0	140	97	6030.11	3353	0	140
	Jul 2010	219	175	14	117	0	117	99	6031.21	3396	0	117
	Aug 2010	97	106	13	117	0	117	98	6030.62	3373	0	117

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Taylor Park Reservoir

		Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Sep 2007	8	14	9314.67	78
	WY 2007	130	124		
H	Oct 2007	7	7	9314.68	78
I	Nov 2007	4	4	9314.68	78
S	Dec 2007	5	5	9314.89	78
T	Jan 2008	5	4	9315.09	78
O	Feb 2008	4	4	9314.99	78
R	Mar 2008	4	7	9313.24	75
I	Apr 2008	7	19	9305.56	63
C	May 2008	36	29	9310.30	70
A	Jun 2008	65	40	9324.75	96
L	Jul 2008	29	34	9322.03	91
*	Aug 2008	12	23	9315.69	79
	Sep 2008	8	15	9311.67	73
	WY 2008	187	192		
	Oct 2008	7	10	9310.41	71
	Nov 2008	6	6	9310.14	70
	Dec 2008	4	6	9309.07	68
	Jan 2009	4	6	9307.98	67
	Feb 2009	4	6	9307.26	66
	Mar 2009	4	6	9306.14	64
	Apr 2009	9	10	9305.33	63
	May 2009	30	13	9315.76	79
	Jun 2009	47	29	9325.68	98
	Jul 2009	19	20	9325.01	96
	Aug 2009	10	20	9319.60	86
	Sep 2009	8	15	9315.46	79
	WY 2009	153	146		
	Oct 2009	6	10	9313.15	75
	Nov 2009	5	6	9312.47	74
	Dec 2009	4	6	9311.42	72
	Jan 2010	4	6	9310.19	70
	Feb 2010	4	6	9309.03	68
	Mar 2010	4	6	9307.81	66
	Apr 2010	8	11	9306.05	64
	May 2010	27	12	9315.49	79
	Jun 2010	43	24	9325.81	98
	Jul 2010	20	20	9326.02	98
	Aug 2010	10	20	9320.75	88

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Blue Mesa Reservoir

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Sep 2007	50	56	1	117	0	117	7503.06	687
	WY 2007	895	889	9	861	0	861		
H	Oct 2007	48	48	1	85	0	85	7498.53	649
I	Nov 2007	31	31	0	65	0	65	7494.31	615
S	Dec 2007	33	33	0	67	0	67	7489.90	581
T	Jan 2008	33	33	0	93	0	93	7481.92	520
O	Feb 2008	31	31	0	97	0	97	7472.73	454
R	Mar 2008	36	39	0	53	0	53	7470.50	439
I	Apr 2008	107	119	1	147	0	147	7466.24	411
C	May 2008	318	312	1	199	50	250	7475.27	472
A	Jun 2008	409	383	1	143	20	163	7503.56	691
L	Jul 2008	172	176	1	103	0	103	7511.87	762
*	Aug 2008	70	82	1	119	0	119	7507.44	724
	Sep 2008	43	50	1	109	0	109	7500.27	664
	WY 2008	1332	1337	8	1282	70	1352		
	Oct 2008	43	45	1	73	0	73	7496.77	635
	Nov 2008	35	35	0	49	0	49	7495.05	621
	Dec 2008	28	30	0	69	0	69	7490.00	581
	Jan 2009	28	30	0	85	0	85	7482.70	526
	Feb 2009	25	26	0	74	0	74	7476.07	478
	Mar 2009	38	40	0	74	0	74	7471.07	443
	Apr 2009	79	80	1	74	0	74	7471.89	449
	May 2009	217	200	1	70	0	70	7489.56	578
	Jun 2009	298	280	1	55	0	55	7516.27	801
	Jul 2009	113	114	2	112	0	112	7516.40	802
	Aug 2009	64	74	1	118	0	118	7511.32	757
	Sep 2009	38	45	1	105	0	105	7504.25	697
	WY 2009	1006	1000	9	958	0	958		
	Oct 2009	35	39	1	80	0	80	7499.24	655
	Nov 2009	31	32	0	50	0	50	7496.96	637
	Dec 2009	25	27	0	82	0	82	7490.00	581
	Jan 2010	24	26	0	73	0	73	7483.82	534
	Feb 2010	22	24	0	62	0	62	7478.58	496
	Mar 2010	34	36	0	62	0	62	7474.88	469
	Apr 2010	73	76	1	64	0	64	7476.48	481
	May 2010	212	197	1	65	0	65	7493.84	612
	Jun 2010	271	252	1	69	0	69	7515.38	793
	Jul 2010	121	120	2	110	0	110	7516.40	802
	Aug 2010	62	72	1	115	0	115	7511.38	758

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Morrow Point Reservoir

		Unreg Inflow 1000 Ac-Ft	Blue_Mesa Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Evap losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Sep 2007	41	117	-8	109	0	107	0	107	7156.75	114
	WY 2007	883	861	-12	848	1	839	0	839		
H	Oct 2007	43	85	-5	80	0	85	0	85	7150.81	110
I	Nov 2007	28	65	-3	62	0	63	0	63	7149.32	109
S	Dec 2007	31	67	-3	65	0	62	0	62	7152.91	111
T	Jan 2008	29	93	-4	89	0	87	0	87	7156.26	114
O	Feb 2008	26	97	-5	92	0	99	0	99	7146.95	107
R	Mar 2008	34	53	-2	52	0	45	0	45	7155.12	113
I	Apr 2008	109	147	1	148	0	153	0	153	7149.81	109
C	May 2008	343	250	25	275	0	255	24	278	7144.87	105
A	Jun 2008	432	163	23	186	0	177	4	180	7152.31	111
L	Jul 2008	178	103	6	109	0	108	0	108	7152.94	111
*	Aug 2008	71	119	0	120	0	117	0	117	7156.16	114
	Sep 2008	46	109	3	112	0	114	0	114	7153.73	112
	WY 2008	1369	1352	38	1390	1	1364	27	1391		
	Oct 2008	46	73	3	76	0	76	0	76	7153.73	112
	Nov 2008	38	49	3	52	0	52	0	52	7153.73	112
	Dec 2008	30	69	2	71	0	71	0	71	7153.73	112
	Jan 2009	30	85	2	87	0	87	0	87	7153.73	112
	Feb 2009	28	74	3	77	0	77	0	77	7153.73	112
	Mar 2009	43	74	5	79	0	79	0	79	7153.73	112
	Apr 2009	93	74	14	88	0	88	0	88	7153.73	112
	May 2009	245	70	28	98	0	98	0	98	7153.73	112
	Jun 2009	328	55	30	85	0	85	0	85	7153.73	112
	Jul 2009	120	112	7	119	0	119	0	119	7153.73	112
	Aug 2009	67	118	3	121	0	121	0	121	7153.73	112
	Sep 2009	41	105	3	108	0	108	0	108	7153.73	112
	WY 2009	1109	958	103	1061	0	1061	0	1061		
	Oct 2009	38	80	3	83	0	83	0	83	7153.73	112
	Nov 2009	33	50	2	52	0	52	0	52	7153.73	112
	Dec 2009	27	82	2	84	0	84	0	84	7153.73	112
	Jan 2010	26	73	2	75	0	75	0	75	7153.73	112
	Feb 2010	25	62	3	65	0	65	0	65	7153.73	112
	Mar 2010	38	62	4	66	0	66	0	66	7153.73	112
	Apr 2010	84	64	11	75	0	75	0	75	7153.73	112
	May 2010	237	65	25	90	0	90	0	90	7153.73	112
	Jun 2010	292	69	21	90	0	90	0	90	7153.73	112
	Jul 2010	127	110	7	116	0	116	0	116	7153.73	112
	Aug 2010	65	115	4	119	0	119	0	119	7153.73	112

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Crystal Reservoir

		unreg Inflow 1000 Ac-Ft	Morrow Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Tunnel Flow 1000 Ac-Ft	Below_tunnel Flow 1000 Ac-Ft
*	Sep 2007	46	107	5	112	112	0	112	6746.25	15	56	62
	WY 2007	991	839	108	946	907	39	946			363	632
H	Oct 2007	48	85	5	90	90	0	90	6745.51	15	38	54
I	Nov 2007	32	63	4	67	66	0	66	6748.78	16	1	70
S	Dec 2007	35	62	5	67	68	0	68	6742.95	14	1	73
T	Jan 2008	34	87	5	91	77	13	90	6748.45	16	1	94
O	Feb 2008	30	99	4	103	72	31	103	6749.17	16	1	108
R	Mar 2008	41	45	6	52	52	0	52	6749.59	16	1	54
I	Apr 2008	124	153	16	168	127	40	168	6751.31	16	23	150
C	May 2008	388	278	45	323	130	191	321	6760.22	19	54	275
A	Jun 2008	484	180	52	232	118	116	234	6753.95	17	47	196
L	Jul 2008	191	108	13	121	123	0	123	6747.80	15	62	72
*	Aug 2008	75	117	5	122	123	0	123	6742.41	14	0	65
	Sep 2008	53	114	7	121	118	0	118	6753.04	17	55	63
	WY 2008	1536	1391	166	1558	1164	391	1555			284	1274
	Oct 2008	52	76	6	82	82	0	82	6753.04	17	30	52
	Nov 2008	45	52	7	59	59	0	59	6753.04	17	0	59
	Dec 2008	35	71	5	76	76	0	76	6753.04	17	0	76
	Jan 2009	34	87	4	91	91	0	91	6753.04	17	0	91
	Feb 2009	32	77	4	81	81	0	81	6753.04	17	0	81
	Mar 2009	51	79	8	87	87	0	87	6753.04	17	5	82
	Apr 2009	107	88	14	102	102	0	102	6753.04	17	30	72
	May 2009	280	98	35	133	133	0	133	6753.04	17	55	78
	Jun 2009	372	85	44	129	129	0	129	6753.04	17	60	69
	Jul 2009	135	119	15	134	134	0	134	6753.04	17	65	69
	Aug 2009	76	121	9	130	130	0	130	6753.04	17	65	65
	Sep 2009	49	108	8	116	116	0	116	6753.04	17	55	61
	WY 2009	1268	1061	159	1220	1220	0	1220			365	855
	Oct 2009	44	83	7	89	89	0	89	6753.04	17	30	59
	Nov 2009	38	52	5	57	57	0	57	6753.04	17	0	57
	Dec 2009	32	84	5	89	89	0	89	6753.04	17	0	89
	Jan 2010	31	75	5	80	80	0	80	6753.04	17	0	80
	Feb 2010	29	65	4	69	69	0	69	6753.04	17	0	69
	Mar 2010	46	66	7	73	73	0	73	6753.04	17	5	68
	Apr 2010	96	75	12	87	87	0	87	6753.04	17	30	57
	May 2010	272	90	35	125	125	0	125	6753.04	17	55	70
	Jun 2010	330	90	38	128	128	0	128	6753.04	17	60	68
	Jul 2010	144	116	17	133	133	0	133	6753.04	17	65	68
	Aug 2010	74	119	8	127	127	0	127	6753.04	17	65	62

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Vallecito Reservoir

		Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Sep 2007	18	34	7648.41	83
	WY 2007	330	327		
H	Oct 2007	15	31	7641.28	67
I	Nov 2007	7	4	7642.40	69
S	Dec 2007	8	3	7644.42	74
T	Jan 2008	6	4	7645.29	76
O	Feb 2008	6	17	7640.08	65
R	Mar 2008	11	36	7626.73	39
I	Apr 2008	33	29	7628.85	43
C	May 2008	77	38	7647.76	82
A	Jun 2008	84	43	7663.79	122
L	Jul 2008	32	40	7660.68	114
*	Aug 2008	15	39	7651.24	90
	Sep 2008	15	31	7644.27	74
	WY 2008	309	315		
	Oct 2008	12	19	7641.00	66
	Nov 2008	8	6	7641.88	68
	Dec 2008	7	5	7642.94	71
	Jan 2009	6	5	7643.54	72
	Feb 2009	5	4	7643.87	73
	Mar 2009	8	5	7645.30	76
	Apr 2009	20	12	7648.65	84
	May 2009	70	45	7658.54	108
	Jun 2009	76	60	7664.44	124
	Jul 2009	28	43	7658.55	108
	Aug 2009	18	39	7649.74	86
	Sep 2009	18	31	7644.00	73
	WY 2009	276	273		
	Oct 2009	13	19	7641.14	67
	Nov 2009	8	6	7642.11	69
	Dec 2009	6	5	7642.70	70
	Jan 2010	5	5	7642.93	71
	Feb 2010	5	4	7643.09	71
	Mar 2010	8	5	7644.55	74
	Apr 2010	22	12	7648.79	84
	May 2010	69	45	7658.44	108
	Jun 2010	78	60	7664.95	125
	Jul 2010	31	43	7660.16	113
	Aug 2010	19	39	7651.97	92

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Navajo Reservoir

		Mod_Unreg Inflow 1000 Ac-Ft	Azetea Tunnel_Div 1000 Ac-Ft	Reg Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	NIIP Diversion 1000 ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Farm Flow 1000 Ac-Ft
*	Sep 2007	27	2	41	3	23	56	6072.10	1510	80
	WY 2007	1096	119	974	31	192	660			1160
H	Oct 2007	41	0	57	2	10	46	6072.01	1509	79
I	Nov 2007	19	0	17	1	1	43	6070.07	1482	57
S	Dec 2007	46	0	40	1	0	42	6069.89	1479	67
T	Jan 2008	26	0	24	1	0	47	6068.19	1456	69
O	Feb 2008	38	0	48	1	0	122	6062.59	1381	160
R	Mar 2008	147	6	167	2	6	219	6057.91	1321	284
I	Apr 2008	242	27	218	2	21	156	6060.97	1360	240
C	May 2008	328	45	243	4	31	149	6065.54	1420	303
A	Jun 2008	307	49	214	4	39	221	6061.77	1370	411
L	Jul 2008	82	14	74	4	40	32	6061.63	1369	103
*	Aug 2008	31	3	51	4	36	40	6059.46	1341	58
	Sep 2008	40	1	55	3	22	40	6058.71	1332	40
	WY 2008	1345	145	1211	28	206	1155			1870
	Oct 2008	40	0	47	2	6	31	6059.34	1339	31
	Nov 2008	35	0	33	1	0	30	6059.53	1342	30
	Dec 2008	26	0	24	1	0	31	6058.91	1334	31
	Jan 2009	24	0	23	1	0	31	6058.21	1325	31
	Feb 2009	33	0	32	1	0	28	6058.49	1329	28
	Mar 2009	102	4	94	2	4	31	6063.04	1387	31
	Apr 2009	166	13	145	3	16	30	6070.23	1484	30
	May 2009	287	33	229	4	30	85	6077.93	1594	85
	Jun 2009	245	40	189	5	45	147	6077.40	1586	147
	Jul 2009	61	13	63	5	49	31	6075.93	1565	31
	Aug 2009	36	13	44	4	41	36	6073.42	1529	36
	Sep 2009	44	4	53	3	24	32	6073.05	1523	32
	WY 2009	1099	119	977	30	215	540			540
	Oct 2009	38	0	44	2	7	31	6073.39	1528	31
	Nov 2009	33	0	31	1	0	30	6073.39	1528	30
	Dec 2009	24	0	23	1	0	31	6072.77	1519	31
	Jan 2010	22	0	21	1	0	31	6072.06	1509	31
	Feb 2010	30	0	30	1	0	28	6072.14	1510	28
	Mar 2010	88	4	81	2	4	31	6075.24	1555	31
	Apr 2010	174	13	151	3	16	34	6081.86	1653	34
	May 2010	279	33	221	4	30	200	6081.00	1640	200
	Jun 2010	246	40	189	5	45	212	6076.04	1566	212
	Jul 2010	74	13	73	5	49	31	6075.26	1555	31
	Aug 2010	43	13	51	4	41	31	6073.53	1530	31

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Lake Powell

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	PowerPlant Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Bank Storage 1000 Ac-Ft	EOM Storage 1000 Ac-Ft	Lees Ferry 1000 Ac-Ft
*	Sep 2007	296	454	47	604	0	604	3601.87	18246	11929	617
	WY 2007	8213	8077	371	8230	0	8231				8397
H	Oct 2007	467	540	32	601	0	601	3600.62	18273	11809	612
I	Nov 2007	397	470	31	603	0	603	3598.63	18298	11620	615
S	Dec 2007	398	455	24	803	0	803	3594.64	18299	11246	814
T	Jan 2008	336	440	7	801	0	801	3590.66	18296	10880	813
O	Feb 2008	412	568	8	602	0	602	3590.66	18254	10880	613
R	Mar 2008	589	717	13	737	93	830	3589.77	18208	10800	848
I	Apr 2008	1003	983	21	678	0	678	3594.09	18098	11195	691
C	May 2008	2644	2384	27	790	0	790	3610.81	18048	12812	808
A	Jun 2008	3525	3239	49	791	0	791	3631.05	18288	14971	810
L	Jul 2008	1671	1392	63	865	0	865	3633.00	18531	15192	887
*	Aug 2008	479	586	62	890	0	890	3629.55	18554	14803	914
	Sep 2008	450	582	46	719	0	719	3628.02	18540	14633	719
	WY 2008	12370	12355	386	8881	93	8974				9145
	Oct 2008	525	587	41	743	0	743	3626.37	18526	14450	743
	Nov 2008	500	541	34	600	0	600	3625.58	18519	14364	600
	Dec 2008	406	499	28	800	0	800	3622.77	18494	14059	800
	Jan 2009	383	488	21	800	0	800	3619.88	18470	13751	800
	Feb 2009	399	470	20	700	0	700	3617.69	18451	13519	700
	Mar 2009	629	556	24	700	0	700	3616.19	18439	13364	700
	Apr 2009	866	667	28	700	0	700	3615.65	18434	13308	700
	May 2009	2147	1784	38	800	0	800	3623.92	18504	14184	800
	Jun 2009	2866	2363	46	855	0	855	3636.01	18613	15537	855
	Jul 2009	1306	1230	54	970	0	970	3637.65	18628	15727	970
	Aug 2009	524	633	55	970	0	970	3634.51	18599	15364	970
	Sep 2009	420	539	48	600	0	600	3633.63	18591	15263	600
	WY 2009	10971	10356	437	9238	0	9238				9238
	Oct 2009	506	583	43	600	0	600	3633.15	18586	15208	600
	Nov 2009	523	577	35	600	0	600	3632.67	18582	15154	600
	Dec 2009	418	536	29	800	0	800	3630.26	18560	14882	800
	Jan 2010	385	493	22	800	0	800	3627.52	18536	14577	800
	Feb 2010	395	470	20	700	0	700	3625.41	18517	14345	700
	Mar 2010	628	595	25	660	0	660	3624.64	18510	14261	660
	Apr 2010	952	778	29	660	0	660	3625.40	18517	14344	660
	May 2010	2161	1927	40	800	0	800	3634.39	18598	15350	800
	Jun 2010	2808	2398	49	924	0	924	3645.57	18703	16670	924
	Jul 2010	1345	1250	57	1115	0	1115	3646.16	18709	16743	1115
	Aug 2010	566	681	58	1115	0	1115	3642.39	18673	16287	1115

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Hoover Dam - Lake Mead

		Glen Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release CFS	SNWP Use 1000 Ac-Ft	Dwnstrm Reqmnts 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
*	Sep 2007	604	63	66	656	11.0	24	653	813	1111.06	12505
	WY 2007	8231	677	633	9450		297	9420			
H	Oct 2007	601	32	48	570	9.3	26	564	812	1110.95	12494
I	Nov 2007	603	67	48	576	9.7	19	575	814	1111.22	12520
S	Dec 2007	803	95	42	477	7.8	17	467	836	1114.81	12860
T	Jan 2008	801	89	34	672	10.9	15	659	846	1116.46	13017
O	Feb 2008	602	147	32	659	11.5	11	658	849	1116.93	13062
R	Mar 2008	830	117	35	1025	16.7	18	1023	841	1115.65	12940
I	Apr 2008	678	40	44	1159	19.5	24	1155	810	1110.61	12463
C	May 2008	790	50	49	1113	18.1	30	1110	789	1107.05	12132
A	Jun 2008	791	45	59	949	15.9	31	949	776	1104.98	11941
L	Jul 2008	865	63	73	876	14.2	33	874	773	1104.42	11890
*	Aug 2008	890	97	78	804	13.1	35	789	777	1105.13	11955
	Sep 2008	719	79	64	668	11.2	28	668	779	1105.52	11991
	WY 2008	8974	919	606	9547		287	9490			
	Oct 2008	743	68	47	546	8.9	28	546	791	1107.45	12169
	Nov 2008	600	68	47	522	8.8	17	522	796	1108.28	12245
	Dec 2008	800	61	41	549	8.9	11	549	812	1110.89	12489
	Jan 2009	800	126	34	693	11.3	12	693	823	1112.76	12665
	Feb 2009	700	116	31	668	12.0	12	668	830	1113.79	12763
	Mar 2009	700	87	35	950	15.5	16	950	816	1111.65	12561
	Apr 2009	700	74	43	1082	18.2	22	1082	794	1107.90	12210
	May 2009	800	65	49	1028	16.7	35	1028	779	1105.38	11979
	Jun 2009	855	16	59	844	14.2	34	844	775	1104.71	11917
	Jul 2009	970	57	73	919	15.0	33	919	775	1104.73	11919
	Aug 2009	970	115	78	828	13.5	30	828	784	1106.26	12059
	Sep 2009	600	79	64	705	11.8	33	705	776	1105.00	11944
	WY 2009	9238	931	601	9334		284	9334			
	Oct 2009	600	68	47	451	7.3	31	451	785	1106.43	12074
	Nov 2009	600	68	47	568	9.5	23	568	787	1106.73	12102
	Dec 2009	800	61	41	585	9.5	11	585	800	1109.00	12312
	Jan 2010	800	126	34	690	11.2	12	690	812	1110.91	12491
	Feb 2010	700	116	31	665	12.0	12	665	818	1111.98	12592
	Mar 2010	660	87	35	944	15.4	16	944	803	1109.49	12358
	Apr 2010	660	74	43	1074	18.1	22	1074	779	1105.37	11978
	May 2010	800	65	48	1020	16.6	35	1020	764	1102.93	11755
	Jun 2010	924	16	58	836	14.1	34	836	765	1103.05	11766
	Jul 2010	1115	57	73	910	14.8	33	910	774	1104.67	11913
	Aug 2010	1115	115	78	818	13.3	30	818	793	1107.76	12198

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Davis Dam - Lake Mohave

		Hoover Release 1000 Ac-Ft	Side inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Spill Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
*	Sep 2007	656	-18	777	0	777	13.0	637.26	1545
	WY 2007	9450	-249	9241	0	9241			
H	Oct 2007	570	-14	635	0	635	10.3	634.21	1465
I	Nov 2007	576	-17	516	0	516	8.7	635.89	1509
S	Dec 2007	477	-24	396	0	396	6.4	638.03	1565
T	Jan 2008	672	-27	547	0	547	8.9	641.68	1663
O	Feb 2008	659	-12	717	0	717	12.5	639.09	1593
R	Mar 2008	1025	-26	974	0	974	15.8	640.01	1618
I	Apr 2008	1159	-23	1104	0	1104	18.6	641.20	1650
C	May 2008	1113	-45	993	0	993	16.2	643.95	1725
A	Jun 2008	949	-34	932	0	932	15.7	643.36	1709
L	Jul 2008	876	-23	896	0	896	14.6	641.79	1666
*	Aug 2008	804	-26	798	0	798	13.0	641.06	1646
	Sep 2008	668	-18	732	0	732	12.3	638.00	1564
	WY 2008	9547	-288	9239	0	9239			
	Oct 2008	546	-2	648	0	648	10.5	634.00	1460
	Nov 2008	522	-16	506	0	506	8.5	634.00	1460
	Dec 2008	549	-19	408	0	408	6.6	638.71	1583
	Jan 2009	693	-20	589	0	589	9.6	641.80	1666
	Feb 2009	668	-14	654	0	654	11.8	641.80	1666
	Mar 2009	950	-25	891	0	891	14.5	643.05	1700
	Apr 2009	1082	-30	1054	0	1054	17.7	643.01	1699
	May 2009	1028	-33	995	0	995	16.2	643.01	1699
	Jun 2009	844	-27	845	0	845	14.2	642.00	1671
	Jul 2009	919	-25	908	0	908	14.8	641.50	1658
	Aug 2009	828	-25	803	0	803	13.1	641.50	1658
	Sep 2009	705	-18	780	0	780	13.1	638.00	1564
	WY 2009	9334	-253	9081	0	9081			
	Oct 2009	451	-2	579	0	579	9.4	633.00	1434
	Nov 2009	568	-16	527	0	527	8.9	634.00	1460
	Dec 2009	585	-19	444	0	444	7.2	638.71	1583
	Jan 2010	690	-20	587	0	587	9.5	641.80	1666
	Feb 2010	665	-14	650	0	650	11.7	641.80	1666
	Mar 2010	944	-25	885	0	885	14.4	643.05	1700
	Apr 2010	1074	-30	1046	0	1046	17.6	643.01	1699
	May 2010	1020	-33	987	0	987	16.0	643.01	1699
	Jun 2010	836	-27	837	0	837	14.1	642.00	1671
	Jul 2010	910	-25	898	0	898	14.6	641.50	1658
	Aug 2010	818	-25	794	0	794	12.9	641.50	1658

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Parker Dam - Lake Havasu

		Davis Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	MWD Diversion 1000 Ac-Ft	CAP diversion 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft	Flow_to Mexico 1000 Ac-Ft	Flow_to Mexico 1000 CFS
*	Sep 2007	777	-7	555	9.3	91	134	447.77	576	92	1.5
	WY 2007	9241	-94	6803		689	1632			1514	
H	Oct 2007	635	2	455	7.4	27	164	447.28	566	80	1.3
I	Nov 2007	516	3	336	5.6	29	147	447.65	573	103	1.7
S	Dec 2007	396	10	270	4.4	35	118	446.77	557	126	2.1
T	Jan 2008	547	5	306	5.0	81	167	446.67	555	132	2.1
O	Feb 2008	717	-11	486	8.4	67	157	446.44	551	155	2.7
R	Mar 2008	974	-15	744	12.1	46	168	446.47	551	205	3.3
I	Apr 2008	1104	-10	838	14.1	76	166	447.25	566	202	3.4
C	May 2008	993	-11	684	11.1	96	172	448.84	596	113	1.8
A	Jun 2008	932	-25	691	11.6	93	126	448.62	592	115	1.9
L	Jul 2008	896	-18	728	11.8	87	78	447.86	577	122	2.0
*	Aug 2008	798	-1	635	10.3	83	65	448.54	590	109	1.8
	Sep 2008	732	-12	549	9.2	83	110	447.40	569	89	1.5
	WY 2008	9239	-83	6721		803	1639			1551	
	Oct 2008	648	3	469	7.6	70	123	446.80	557	74	1.2
	Nov 2008	506	11	380	6.4	55	88	446.50	552	103	1.7
	Dec 2008	408	10	306	5.0	29	83	446.50	552	118	1.9
	Jan 2009	589	23	348	5.7	91	173	446.50	552	119	1.9
	Feb 2009	654	32	445	8.0	86	155	446.50	552	154	2.8
	Mar 2009	891	31	695	11.3	53	171	446.70	555	204	3.3
	Apr 2009	1054	-4	761	12.8	86	164	448.71	594	200	3.4
	May 2009	995	-14	723	11.8	92	165	448.71	594	109	1.8
	Jun 2009	845	-24	677	11.4	89	55	448.71	594	113	1.9
	Jul 2009	908	-17	729	11.9	91	84	448.00	580	119	1.9
	Aug 2009	803	-11	630	10.3	91	79	447.50	571	93	1.5
	Sep 2009	780	-12	565	9.5	89	127	446.81	557	89	1.5
	WY 2009	9081	26	6729		923	1467			1497	
	Oct 2009	579	3	469	7.6	31	91	446.31	548	74	1.2
	Nov 2009	527	11	381	6.4	29	124	446.50	552	103	1.7
	Dec 2009	444	10	324	5.3	6	123	446.50	552	122	2.0
	Jan 2010	587	23	344	5.6	90	176	446.50	552	119	1.9
	Feb 2010	650	32	439	7.9	85	158	446.50	552	154	2.8
	Mar 2010	885	31	686	11.2	52	174	446.70	555	204	3.3
	Apr 2010	1046	-4	751	12.6	85	167	448.71	594	200	3.4
	May 2010	987	-14	713	11.6	91	168	448.71	594	109	1.8
	Jun 2010	837	-24	669	11.2	88	56	448.71	594	113	1.9
	Jul 2010	898	-17	719	11.7	90	86	448.00	580	119	1.9
	Aug 2010	794	-11	621	10.1	90	81	447.50	571	93	1.5

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Hoover Dam - Lake Mead

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Hoover Static Head Feet	Hoover Generator Capacity MW	Hoover Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Sep 2007	656	11.0	1111.06	12505	-73	0.00	1500.0	252.9	88	385.6
	WY 2007	9450							3826.0		
H	Oct 2007	570	9.3	1110.95	12494	-10	0.00	1363.0	219.9	80	385.9
I	Nov 2007	575	9.7	1111.22	12520	25	0.00	1056.0	225.1	62	391.4
S	Dec 2007	477	7.8	1114.81	12860	340	0.00	1074.0	183.5	63	385.0
T	Jan 2008	672	10.9	1116.46	13017	158	0.00	1175.0	268.3	69	399.2
O	Feb 2008	659	11.5	1116.93	13062	45	0.00	1101.0	266.5	63	404.5
R	Mar 2008	1025	16.7	1115.65	12940	-123	0.00	1212.0	420.7	70	410.6
I	Apr 2008	1159	19.5	1110.61	12463	-477	0.00	1393.0	475.9	81	410.7
C	May 2008	1113	18.1	1107.05	12132	-331	0.00	1482.0	445.7	87	400.5
A	Jun 2008	949	15.9	1104.98	11941	-190	0.00	1694.0	371.6	100	391.7
L	Jul 2008	876	14.2	1104.42	11890	-51	0.00	1672.0	344.2	100	392.8
*	Aug 2008	804	13.1	1105.13	11955	65	0.00	1678.0	316.2	100	393.1
	Sep 2008	668	11.2	1105.52	11991	36	453.91	1677.0	267.2	100	400.1
	WY 2008	9546							3804.9		
	Oct 2008	546	8.9	1107.45	12169	178	461.28	1035.0	221.3	61	405.5
	Nov 2008	522	8.8	1108.28	12245	76	463.21	1152.0	210.9	68	404.3
	Dec 2008	549	8.9	1110.89	12489	244	462.22	1395.0	221.0	82	402.2
	Jan 2009	693	11.3	1112.76	12665	176	462.65	1287.0	285.0	75	411.4
	Feb 2009	668	12.0	1113.79	12763	97	464.55	1063.0	281.3	62	421.0
	Mar 2009	950	15.5	1111.65	12561	-202	461.33	1406.0	397.2	82	418.0
	Apr 2009	1082	18.2	1107.90	12210	-351	458.61	1293.0	455.9	77	421.2
	May 2009	1028	16.7	1105.38	11979	-231	452.94	1677.0	415.3	100	404.1
	Jun 2009	844	14.2	1104.71	11917	-61	451.69	1669.0	346.6	100	410.4
	Jul 2009	919	15.0	1104.73	11919	1	451.86	1669.0	371.8	100	404.4
	Aug 2009	828	13.5	1106.26	12059	140	452.79	1678.0	338.3	100	408.8
	Sep 2009	705	11.8	1105.00	11944	-115	454.06	1677.0	284.2	100	403.3
	WY 2009	9334							3828.8		
	Oct 2009	451	7.3	1106.43	12074	131	458.24	1384.0	181.0	82	401.3
	Nov 2009	568	9.5	1106.73	12102	28	460.74	1388.0	230.1	82	405.2
	Dec 2009	585	9.5	1109.00	12312	210	459.91	1486.0	236.3	87	403.6
	Jan 2010	690	11.2	1110.91	12491	178	459.43	1498.0	280.5	87	406.3
	Feb 2010	665	12.0	1111.98	12592	101	462.72	1057.5	278.7	62	419.3
	Mar 2010	944	15.4	1109.49	12358	-234	459.36	1409.3	392.9	82	416.0
	Apr 2010	1074	18.1	1105.37	11978	-380	456.28	1314.4	449.8	77	418.7
	May 2010	1020	16.6	1102.93	11755	-223	450.47	1718.0	409.4	100	401.6
	Jun 2010	836	14.1	1103.05	11766	11	449.65	1718.0	341.5	100	408.3
	Jul 2010	910	14.8	1104.67	11913	147	451.00	1718.0	366.8	100	403.2
	Aug 2010	818	13.3	1107.76	12198	285	453.50	1718.0	334.5	100	408.9

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T E M R E S E R V O I R S

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Davis Dam - Lake Mohave

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Davis Static Head Feet	Davis Generator Capacity MW	Davis Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Sep 2007	777	13.0	637.26	1545	-139	0.00	240.0	95.9	94	123.5
	WY 2007	9241							1148.3		
H	Oct 2007	635	10.3	634.21	1465	-79	0.00	201.0	76.0	79	119.8
I	Nov 2007	516	8.7	635.89	1509	43	0.00	171.0	61.8	67	119.8
S	Dec 2007	396	6.4	638.03	1565	56	0.00	181.0	48.9	71	123.4
T	Jan 2008	547	8.9	641.68	1663	98	0.00	157.9	67.9	62	124.1
O	Feb 2008	717	12.5	639.09	1593	-70	0.00	191.7	88.7	75	123.8
R	Mar 2008	974	15.8	640.01	1618	25	0.00	227.0	120.5	89	123.7
I	Apr 2008	1104	18.6	641.20	1650	32	0.00	255.0	135.8	100	123.0
C	May 2008	993	16.2	643.95	1725	75	0.00	255.0	123.5	100	124.4
A	Jun 2008	932	15.7	643.36	1709	-16	0.00	255.0	117.8	100	126.5
L	Jul 2008	896	14.6	641.79	1666	-43	0.00	255.0	111.7	100	124.6
*	Aug 2008	798	13.0	641.06	1646	-20	0.00	255.0	98.5	100	123.4
	Sep 2008	732	12.3	638.00	1564	-82	132.39	255.0	90.0	100	123.0
	WY 2008	9239							1141.2		
	Oct 2008	648	10.5	634.00	1460	-104	129.93	211.7	78.1	83	120.5
	Nov 2008	506	8.5	634.00	1460	0	128.65	186.2	60.5	73	119.4
	Dec 2008	408	6.6	638.71	1583	123	131.54	173.4	49.9	68	122.3
	Jan 2009	589	9.6	641.80	1666	83	135.87	165.8	73.5	65	124.7
	Feb 2009	654	11.8	641.80	1666	0	136.93	181.0	81.9	71	125.3
	Mar 2009	891	14.5	643.05	1700	34	136.27	224.4	111.3	88	124.9
	Apr 2009	1054	17.7	643.01	1699	-1	136.08	255.0	131.2	100	124.5
	May 2009	995	16.2	643.01	1699	0	136.05	255.0	124.3	100	124.9
	Jun 2009	845	14.2	642.00	1671	-28	135.52	255.0	105.7	100	125.1
	Jul 2009	908	14.8	641.50	1658	-14	134.73	255.0	112.8	100	124.2
	Aug 2009	803	13.1	641.50	1658	0	134.46	255.0	100.0	100	124.5
	Sep 2009	780	13.1	638.00	1564	-94	132.63	255.0	95.9	100	123.0
	WY 2009	9081							1125.0		
	Oct 2009	579	9.4	633.00	1434	-130	128.15	255.0	69.7	100	120.5
	Nov 2009	527	8.9	634.00	1460	26	126.54	237.2	62.6	93	118.9
	Dec 2009	444	7.2	638.71	1583	123	129.92	224.4	54.2	88	122.1
	Jan 2010	587	9.5	641.80	1666	83	134.24	216.8	73.2	85	124.7
	Feb 2010	650	11.7	641.80	1666	0	136.16	206.6	81.5	81	125.3
	Mar 2010	885	14.4	643.05	1700	34	135.44	255.0	110.6	100	124.9
	Apr 2010	1046	17.6	643.01	1699	-1	136.08	255.0	130.2	100	124.5
	May 2010	987	16.0	643.01	1699	0	136.05	255.0	123.3	100	125.0
	Jun 2010	837	14.1	642.00	1671	-28	135.52	255.0	104.7	100	125.1
	Jul 2010	898	14.6	641.50	1658	-14	134.73	255.0	111.6	100	124.3
	Aug 2010	794	12.9	641.50	1658	0	134.46	255.0	98.9	100	124.6

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Parker Dam - Lake Havasu

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Parker Static Head Feet	Parker Generator Capacity MW	Parker Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Sep 2007	555	9.3	447.77	576	-10	0.00	95.0	37.8	79	68.3
	WY 2007	6804							455.2		
H	Oct 2007	455	7.4	447.28	566	-9	0.00	90.0	31.5	75	69.3
I	Nov 2007	336	5.6	447.65	573	7	0.00	79.0	23.0	66	68.7
S	Dec 2007	270	4.4	446.77	557	-16	0.00	79.0	17.9	66	66.5
T	Jan 2008	306	5.0	446.67	555	-2	0.00	85.2	20.3	71	66.5
O	Feb 2008	486	8.4	446.44	551	-4	0.00	90.0	32.6	75	67.2
R	Mar 2008	744	12.1	446.47	551	1	0.00	90.0	49.8	75	67.0
I	Apr 2008	838	14.1	447.25	566	14	0.00	90.0	55.0	75	65.6
C	May 2008	684	11.1	448.84	596	30	0.00	90.0	46.4	75	67.9
A	Jun 2008	691	11.6	448.62	592	-4	0.00	90.0	47.3	75	68.4
L	Jul 2008	728	11.8	447.86	577	-14	0.00	90.0	48.9	75	67.3
*	Aug 2008	635	10.3	448.54	590	13	0.00	105.6	41.9	88	66.0
	Sep 2008	549	9.2	447.40	569	-22	76.69	91.2	36.6	76	66.8
	WY 2008	6721							451.4		
	Oct 2008	469	7.6	446.80	557	-11	75.90	90.0	30.8	75	65.7
	Nov 2008	380	6.4	446.50	552	-6	75.47	90.0	24.6	75	64.8
	Dec 2008	306	5.0	446.50	552	0	75.58	85.2	19.5	71	63.9
	Jan 2009	348	5.7	446.50	552	0	75.32	90.0	22.4	75	64.2
	Feb 2009	445	8.0	446.50	552	0	75.32	90.0	29.1	75	65.4
	Mar 2009	695	11.3	446.70	555	4	74.16	116.4	45.2	97	65.0
	Apr 2009	761	12.8	448.71	594	38	75.09	120.0	50.2	100	65.9
	May 2009	723	11.8	448.71	594	0	76.06	120.0	48.1	100	66.5
	Jun 2009	677	11.4	448.71	594	0	76.06	120.0	45.0	100	66.5
	Jul 2009	729	11.9	448.00	580	-14	75.72	120.0	48.4	100	66.3
	Aug 2009	630	10.3	447.50	571	-10	75.13	120.0	41.3	100	65.6
	Sep 2009	565	9.5	446.81	557	-13	75.95	90.0	37.5	75	66.3
	WY 2009	6729							442.1		
	Oct 2009	469	7.6	446.31	548	-9	75.37	90.0	30.7	75	65.3
	Nov 2009	381	6.4	446.50	552	3	75.41	86.4	24.7	72	64.8
	Dec 2009	324	5.3	446.50	552	0	75.65	84.0	20.8	70	64.2
	Jan 2010	344	5.6	446.50	552	0	75.51	86.4	22.1	72	64.4
	Feb 2010	439	7.9	446.50	552	0	75.19	92.4	28.7	77	65.3
	Mar 2010	686	11.2	446.70	555	4	74.01	120.0	44.5	100	64.9
	Apr 2010	751	12.6	448.71	594	38	75.09	120.0	49.5	100	65.9
	May 2010	713	11.6	448.71	594	0	76.06	120.0	47.4	100	66.5
	Jun 2010	669	11.2	448.71	594	0	76.06	120.0	44.4	100	66.5
	Jul 2010	719	11.7	448.00	580	-14	75.72	120.0	47.7	100	66.3
	Aug 2010	621	10.1	447.50	571	-10	75.13	120.0	40.7	100	65.5

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Upper Basin Power

		Glen Canyon 1000 MWHR	Flam Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Res 1000 MWHR	Font Res 1000 MWHR
*	Sep 2007	253	19	34	39	20	2
	Summer 2007	253	19	34	39	20	2
H	Oct 2007	251	19	24	30	17	2
I	Nov 2007	252	19	18	22	12	2
S	Dec 2007	334	15	19	22	13	3
T	Jan 2008	330	19	25	31	15	2
O	Feb 2008	247	18	26	35	14	2
R	Mar 2008	299	19	14	16	9	2
	Winter 2008	1714	110	126	156	80	14
I	Apr 2008	280	20	38	55	23	2
C	May 2008	333	39	52	92	23	4
A	Jun 2008	348	68	40	63	22	7
L	Jul 2008	390	36	31	39	23	9
*	Aug 2008	400	36	36	42	22	8
	Sep 2008	301	32	33	41	20	6
	Summer 2008	2053	231	231	331	133	36
	Oct 2008	310	29	22	27	14	6
	Nov 2008	249	28	15	19	10	5
	Dec 2008	332	29	21	26	13	5
	Jan 2009	330	29	25	31	16	5
	Feb 2009	288	26	21	28	14	4
	Mar 2009	286	18	21	28	15	4
	Winter 2009	1795	158	124	159	82	29
	Apr 2009	286	17	21	32	18	5
	May 2009	329	67	20	35	23	7
	Jun 2009	359	41	17	31	22	9
	Jul 2009	412	33	35	43	23	10
	Aug 2009	412	33	37	44	22	9
	Sep 2009	254	32	32	39	20	6
	Summer 2009	2051	224	162	223	129	45
	Oct 2009	253	33	24	30	15	7
	Nov 2009	253	32	15	19	10	6
	Dec 2009	336	33	24	30	15	6
	Jan 2010	334	33	21	27	14	5
	Feb 2010	291	30	18	23	12	5
	Mar 2010	274	33	18	24	13	5
	Winter 2010	1741	196	120	153	79	34
	Apr 2010	274	32	18	27	15	5
	May 2010	335	70	19	33	22	7
	Jun 2010	394	51	21	32	22	9
	Jul 2010	481	43	34	42	23	10
	Aug 2010	480	43	36	43	22	9

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model_run_id = 2010

F L O O D C O N T R O L C R I T E R I A
B E G I N N I N G O F M O N T H C O N D I T I O N S

MON	YEAR	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	LAKE POWELL KAF	UPPER BASIN TOTAL KAF	LAKE MEAD KAF	TOTAL KAF	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	TOT OR MAX ALLOW KAF	LAKE POWELL KAF	LAKE MEAD KAF	TOTAL KAF	BOM SPACE REQD KAF	MEAD SCHED REL KAF	MEAD FC REL KAF	SYS CONT MAF
		* * * * P R E D I C T E D S P A C E * * * *							* * * * C R E D I T A B L E S P A C E * * * *									
SEP	2008	756	106	355	9517	10734	15425	26159	756	106	355	1217	9517	15425	26159	2270	668	0	34.2
OCT	2008	811	166	364	9687	11029	15389	26417	811	166	364	1341	9687	15389	26417	3040	546	0	34.1
NOV	2008	853	194	357	9870	11274	15211	26485	853	194	357	1404	9870	15211	26485	3810	522	0	34.0
DEC	2008	889	208	354	9956	11407	15135	26542	889	208	354	1451	9956	15135	26542	4580	549	0	34.0
JAN	2009	937	248	362	10261	11808	14891	26699	937	248	362	1548	10261	14891	26699	5350	693	0	33.8
									* * * * E F F E C T I V E S P A C E * * * *									
JAN	2009	937	248	362	10261	11808	14891	26699	494	248	362	1105	10261	14891	26256	5350	693	0	33.8
FEB	2009	980	304	371	10569	12224	14715	26939	535	304	371	1210	10569	14715	26494	1500	668	0	33.6
MAR	2009	1010	352	367	10801	12529	14617	27147	563	352	367	1281	10801	14617	26699	1500	950	0	33.3
APR	2009	969	386	309	10956	12621	14819	27440	517	386	309	1212	10956	14819	26988	1500	1082	0	33.1
MAY	2009	891	381	212	11012	12496	15170	27666	430	381	212	1023	11012	15170	27206	1500	1028	0	34.1
JUN	2009	822	252	102	10136	11312	15401	26714	354	244	75	673	10136	15401	26211	1500	844	0	35.8
JUL	2009	593	28	110	8783	9514	15463	24977	106	1	33	140	8783	15463	24386	1500	919	0	36.1
									* * * * C R E D I T A B L E S P A C E * * * *									
AUG	2009	504	27	131	8593	9256	15461	24717	504	27	131	663	8593	15461	24717	1500	828	0	35.7
SEP	2009	520	72	167	8956	9716	15321	25037	520	72	167	760	8956	15321	25037	2270	705	0	35.3
OCT	2009	569	133	173	9057	9931	15436	25367	569	133	173	874	9057	15436	25367	3040	451	0	35.1
NOV	2009	609	174	168	9112	10063	15306	25369	609	174	168	951	9112	15306	25369	3810	568	0	35.1
DEC	2009	650	193	168	9166	10177	15278	25455	650	193	168	1011	9166	15278	25455	4580	585	0	35.0
JAN	2010	707	248	177	9438	10570	15068	25637	707	248	177	1131	9438	15068	25637	5350	690	0	34.9
									* * * * E F F E C T I V E S P A C E * * * *									
JAN	2010	707	248	177	9438	10570	15068	25637	410	248	177	835	9438	15068	25340	5350	690	0	34.9
FEB	2010	759	295	187	9743	10984	14889	25873	461	295	187	943	9743	14889	25575	1500	665	0	34.7
MAR	2010	799	334	186	9975	11294	14788	26082	498	334	186	1017	9975	14788	25781	1500	944	0	34.4
APR	2010	792	360	141	10059	11352	15022	26374	486	360	141	988	10059	15022	26069	1500	1074	0	34.3
MAY	2010	746	349	43	9976	11114	15402	26516	433	349	40	822	9976	15402	26200	1500	1020	0	35.3
JUN	2010	683	218	56	8970	9927	15625	25552	362	213	19	594	8970	15625	25189	1500	836	0	36.9
JUL	2010	442	36	130	7650	8258	15614	23872	103	11	43	156	7650	15614	23420	1500	910	0	37.2
									* * * * C R E D I T A B L E S P A C E * * * *									
AUG	2010	358	27	141	7577	8103	15467	23570	358	27	141	526	7577	15467	23570	1500	818	0	36.9

To: All Annual Operating Plan Recipients

From: Lower Colorado Region
Boulder Canyon Operations Office
River Operations Group
Douglas B. Blatchford, P.E.
P.O. Box 61470
Boulder City, NV 89006-1470
Phone: 702-293-8190

The operation of Lake Powell and Lake Mead in this 24 Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines). The Interim Guidelines are available for download at http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf

In April 2008, consistent with Section 6.B.3 of the Interim Guidelines, forecasted inflows to Lake Powell projected the September 30, 2008, Lake Powell elevation to be above 3,636 feet (the equalization level for water year 2008). This triggered Section 6.A (Equalization Tier) of the Interim Guidelines to govern the operation of Glen Canyon Dam for the remainder of water year 2008. Under the Equalization Tier, the annual release volume during water year 2008 from Glen Canyon Dam was 8.978 maf. The monthly release volume from Glen Canyon Dam for October 2008 was determined on August 27 by Reclamation's Upper Colorado (UC) and Lower Colorado (LC) Regions. This is a continuation of the steady flow experiment currently being conducted, consistent with the Final Environmental Assessment for Experimental Releases from Glen Canyon Dam, Arizona, 2008 through 2012.

In this study, the Calendar Year (CY) 2008 diversion for Metropolitan Water District of Southern California (MWD) is forecasted to be 0.842 maf. The CY 2008 diversion for the Central Arizona Project (CAP) is forecasted to be 1.505 maf. Consumptive use for Nevada above Hoover is forecasted to be 0.282 maf for CY 2008.

Due to declining Lake Mead elevations, Hoover's generator capacity is adjusted based on estimated effective capacity and plant availability. The estimated effective capacity is based on projected Lake Mead elevations. Unit capacity tests will be performed as the lake elevation changes in 2-foot increments. This study reflects these changes in the projections.

Current runoff projections into Lake Powell are provided by the National Weather Service's Colorado Basin River Forecast Center and are as follows: Observed unregulated inflow into Lake Powell for the month of September 2008 was 0.374 maf or 79% of the 30 year average. The forecast for October 2008 unregulated inflow into Lake Powell is 0.450 maf or 81% of the 30 year average. The observed volume for the April through July unregulated inflow period is 8.906 maf or 112% of average.

Hoover, Davis, and Parker historical gross energy figures come from PO&M reports provided by the Power and O&M Group, Boulder Canyon Operations, Bureau of Reclamation, Boulder City, Nevada. Questions regarding these historical energy numbers can be directed to Larry Karr at (702) 293-8094.

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T E M R E S E R V O I R S

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Fontenelle Reservoir

	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
* Oct 2007	33	1	37	6	44	6481.38	175
H Nov 2007	32	1	41	2	42	6479.48	164
I Dec 2007	27	1	43	0	44	6476.19	147
S Jan 2008	24	0	43	0	43	6472.00	128
T Feb 2008	25	0	40	1	41	6468.13	111
O Mar 2008	32	0	43	0	43	6465.20	100
R Apr 2008	53	1	42	0	42	6467.95	111
I May 2008	132	1	64	1	65	6481.73	177
C Jun 2008	224	2	100	0	101	6499.83	298
A Jul 2008	173	3	104	34	138	6503.99	330
L Aug 2008	47	2	91	0	91	6497.83	283
* Sep 2008	36	2	63	0	63	6493.80	254
WY 2008	838	14	712	44	756		
Oct 2008	33	1	61	0	61	6489.47	225
Nov 2008	35	1	57	0	57	6485.98	202
Dec 2008	30	1	59	0	59	6480.95	172
Jan 2009	31	1	59	0	59	6475.35	143
Feb 2009	29	0	54	0	54	6469.78	118
Mar 2009	53	0	59	0	59	6468.16	111
Apr 2009	90	1	83	0	83	6469.63	118
May 2009	190	1	100	5	105	6485.93	202
Jun 2009	301	2	104	99	202	6499.89	298
Jul 2009	185	3	101	40	141	6505.16	339
Aug 2009	84	2	92	0	92	6503.83	328
Sep 2009	50	2	58	11	69	6501.12	307
WY 2009	1111	15	888	155	1043		
Oct 2009	49	1	71	0	71	6497.90	283
Nov 2009	41	1	69	0	69	6493.85	254
Dec 2009	32	1	71	0	71	6487.85	214
Jan 2010	30	1	71	0	71	6480.86	172
Feb 2010	27	1	65	0	65	6473.33	134
Mar 2010	51	0	71	0	71	6468.56	113
Apr 2010	89	1	83	0	83	6469.74	118
May 2010	176	1	99	2	101	6484.26	191
Jun 2010	308	2	103	96	199	6499.84	298
Jul 2010	186	3	101	40	141	6505.24	340
Aug 2010	83	2	92	0	92	6503.76	328
Sep 2010	49	2	65	0	65	6501.35	309
WY 2010	1120	15	964	139	1103		

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Flaming Gorge Reservoir

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Yampa Flow 1000 Ac-Ft	Jensen Flow 1000 Ac-Ft
*	Oct 2007	35	46	7	49	1	50	85	6022.07	3053	0	95
H	Nov 2007	33	42	3	49	0	49	85	6021.81	3044	0	83
I	Dec 2007	21	37	2	41	9	50	84	6021.40	3029	0	83
S	Jan 2008	24	43	2	50	0	50	84	6021.15	3020	0	0
T	Feb 2008	33	49	2	47	0	47	84	6021.15	3020	0	327
O	Mar 2008	59	70	3	50	0	50	84	6021.55	3035	0	141
R	Apr 2008	83	71	5	53	0	53	85	6021.85	3045	0	231
I	May 2008	176	110	7	101	0	101	85	6021.85	3045	0	790
C	Jun 2008	284	161	10	177	0	177	84	6021.15	3020	0	911
A	Jul 2008	188	153	12	93	0	93	86	6022.43	3066	0	287
L	Aug 2008	48	92	12	92	0	92	85	6022.11	3055	0	129
*	Sep 2008	40	67	10	89	0	89	84	6021.25	3024	0	123
	WY 2008	1023	943	75	893	10	903					3202
	Oct 2008	37	65	7	70	0	70	83	6020.92	3012	0	70
	Nov 2008	40	62	3	65	0	65	83	6020.75	3006	0	65
	Dec 2008	35	64	2	68	0	68	83	6020.62	3001	0	68
	Jan 2009	39	67	2	68	0	68	83	6020.57	3000	0	68
	Feb 2009	44	69	2	61	0	61	83	6020.71	3005	0	61
	Mar 2009	95	101	3	49	0	49	85	6022.04	3052	0	49
	Apr 2009	134	127	5	48	0	48	88	6024.03	3124	0	48
	May 2009	261	176	8	163	0	163	88	6024.15	3129	0	163
	Jun 2009	359	260	10	131	0	131	93	6027.23	3243	0	131
	Jul 2009	198	154	13	95	0	95	94	6028.39	3287	0	95
	Aug 2009	90	98	13	95	0	95	94	6028.15	3278	0	95
	Sep 2009	52	71	11	92	0	92	93	6027.33	3247	0	92
	WY 2009	1384	1316	78	1006	0	1006					1006
	Oct 2009	59	82	7	95	0	95	92	6026.81	3228	0	95
	Nov 2009	51	79	3	92	0	92	91	6026.39	3212	0	92
	Dec 2009	37	76	2	95	0	95	91	6025.86	3192	0	95
	Jan 2010	41	83	2	95	0	95	90	6025.49	3178	0	95
	Feb 2010	45	83	2	86	0	86	90	6025.35	3173	0	86
	Mar 2010	103	124	3	95	0	95	91	6026.00	3197	0	95
	Apr 2010	142	137	5	94	0	94	92	6026.98	3234	0	94
	May 2010	263	189	8	183	0	183	92	6026.92	3232	0	183
	Jun 2010	400	291	10	148	0	148	97	6030.26	3359	0	148
	Jul 2010	219	175	14	114	0	114	99	6031.43	3405	0	114
	Aug 2010	97	106	13	114	0	114	98	6030.92	3385	0	114
	Sep 2010	58	75	11	110	0	110	97	6029.78	3340	0	110
	WY 2010	1516	1499	80	1322	0	1322					1322

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Taylor Park Reservoir

		Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Oct 2007	7	7	9314.68	78
H	Nov 2007	4	4	9314.68	78
I	Dec 2007	5	5	9314.89	78
S	Jan 2008	5	4	9315.09	78
T	Feb 2008	4	4	9314.99	78
O	Mar 2008	4	7	9313.24	75
R	Apr 2008	7	19	9305.56	63
I	May 2008	36	29	9310.30	70
C	Jun 2008	65	40	9324.75	96
A	Jul 2008	29	34	9322.03	91
L	Aug 2008	12	23	9315.69	79
*	Sep 2008	8	15	9311.36	72
	WY 2008	186	192		
	Oct 2008	6	6	9311.19	72
	Nov 2008	5	6	9310.44	71
	Dec 2008	5	6	9309.55	69
	Jan 2009	4	6	9308.27	67
	Feb 2009	4	6	9306.97	65
	Mar 2009	4	6	9305.64	63
	Apr 2009	9	8	9306.31	64
	May 2009	30	18	9313.85	76
	Jun 2009	47	24	9326.48	99
	Jul 2009	19	22	9324.93	96
	Aug 2009	10	20	9319.58	86
	Sep 2009	8	15	9315.61	79
	WY 2009	150	143		
	Oct 2009	6	10	9313.30	75
	Nov 2009	5	6	9312.63	74
	Dec 2009	4	6	9311.67	73
	Jan 2010	4	6	9310.54	71
	Feb 2010	4	6	9309.10	68
	Mar 2010	4	6	9307.97	67
	Apr 2010	8	10	9306.88	65
	May 2010	27	14	9315.06	78
	Jun 2010	43	22	9326.45	99
	Jul 2010	20	21	9326.15	99
	Aug 2010	10	20	9320.89	89
	Sep 2010	7	15	9316.39	81
	WY 2010	143	142		

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Blue Mesa Reservoir

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Oct 2007	48	48	1	85	0	85	7498.53	649
H	Nov 2007	31	31	0	65	0	65	7494.31	615
I	Dec 2007	33	33	0	67	0	67	7489.90	581
S	Jan 2008	33	33	0	93	0	93	7481.92	520
T	Feb 2008	31	31	0	97	0	97	7472.73	454
O	Mar 2008	36	39	0	53	0	53	7470.50	439
R	Apr 2008	107	119	1	147	0	147	7466.24	411
I	May 2008	318	312	1	199	50	250	7475.27	472
C	Jun 2008	409	383	1	143	20	163	7503.56	691
A	Jul 2008	172	176	1	103	0	103	7511.87	762
L	Aug 2008	70	82	1	119	0	119	7507.44	724
*	Sep 2008	35	42	1	115	0	115	7498.61	650
	WY 2008	1324	1329	8	1287	70	1358		
	Oct 2008	33	33	1	68	0	68	7494.29	615
	Nov 2008	30	31	0	35	0	35	7493.79	611
	Dec 2008	26	27	0	57	0	57	7490.00	581
	Jan 2009	28	30	0	84	0	84	7482.88	527
	Feb 2009	25	27	0	74	0	74	7476.44	480
	Mar 2009	38	40	0	80	0	80	7470.62	440
	Apr 2009	79	78	1	90	0	90	7468.74	427
	May 2009	217	205	1	71	0	71	7487.29	560
	Jun 2009	298	275	1	56	0	56	7513.67	778
	Jul 2009	133	136	2	110	0	110	7516.40	802
	Aug 2009	64	74	1	122	0	122	7510.85	753
	Sep 2009	38	45	1	108	0	108	7503.37	689
	WY 2009	1009	1002	8	954	0	954		
	Oct 2009	35	39	1	80	0	80	7498.33	648
	Nov 2009	31	32	0	50	0	50	7496.04	629
	Dec 2009	25	27	0	74	0	74	7490.00	581
	Jan 2010	24	26	0	73	0	73	7483.80	534
	Feb 2010	22	24	0	62	0	62	7478.55	495
	Mar 2010	34	36	0	62	0	62	7474.83	469
	Apr 2010	73	75	1	64	0	64	7476.28	479
	May 2010	212	199	1	65	0	65	7493.92	612
	Jun 2010	271	250	1	69	0	69	7515.28	792
	Jul 2010	121	121	2	110	0	110	7516.41	803
	Aug 2010	62	72	1	121	0	121	7510.71	752
	Sep 2010	36	44	1	113	0	113	7502.53	682
	WY 2010	946	944	9	943	0	943		

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Morrow Point Reservoir

	Unreg Inflow 1000 Ac-Ft	Blue_Mesa Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Evap losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
* Oct 2007	43	85	-5	80	0	85	0	85	7150.81	110
H Nov 2007	28	65	-3	62	0	63	0	63	7149.32	109
I Dec 2007	31	67	-3	65	0	62	0	62	7152.91	111
S Jan 2008	29	93	-4	89	0	87	0	87	7156.26	114
T Feb 2008	26	97	-5	92	0	99	0	99	7146.95	107
O Mar 2008	34	53	-2	52	0	45	0	45	7155.12	113
R Apr 2008	109	147	1	148	0	153	0	153	7149.81	109
I May 2008	343	250	25	275	0	255	24	278	7144.87	105
C Jun 2008	432	163	23	186	0	177	4	180	7152.31	111
A Jul 2008	178	103	6	109	0	108	0	108	7152.94	111
L Aug 2008	71	119	0	120	0	117	0	117	7156.16	114
* Sep 2008	35	115	0	115	0	115	0	115	7155.78	114
WY 2008	1358	1358	34	1392	1	1365	27	1392		
Oct 2008	35	68	2	70	0	72	0	72	7153.73	112
Nov 2008	32	35	2	37	0	37	0	37	7153.73	112
Dec 2008	28	57	2	59	0	59	0	59	7153.73	112
Jan 2009	30	84	2	86	0	86	0	86	7153.73	112
Feb 2009	28	74	3	77	0	77	0	77	7153.73	112
Mar 2009	43	80	5	85	0	85	0	85	7153.73	112
Apr 2009	93	90	14	104	0	104	0	104	7153.73	112
May 2009	245	71	28	99	0	99	0	99	7153.73	112
Jun 2009	328	56	30	86	0	86	0	86	7153.73	112
Jul 2009	120	110	-13	97	0	97	0	97	7153.73	112
Aug 2009	67	122	3	125	0	125	0	125	7153.73	112
Sep 2009	41	108	3	111	0	111	0	111	7153.73	112
WY 2009	1091	954	82	1036	0	1038	0	1038		
Oct 2009	38	80	3	83	0	83	0	83	7153.73	112
Nov 2009	33	50	2	52	0	52	0	52	7153.73	112
Dec 2009	27	74	2	76	0	76	0	76	7153.73	112
Jan 2010	26	73	2	75	0	75	0	75	7153.73	112
Feb 2010	25	62	3	65	0	65	0	65	7153.73	112
Mar 2010	38	62	4	66	0	66	0	66	7153.73	112
Apr 2010	84	64	11	75	0	75	0	75	7153.73	112
May 2010	237	65	25	90	0	90	0	90	7153.73	112
Jun 2010	292	69	21	90	0	90	0	90	7153.73	112
Jul 2010	127	110	7	116	0	116	0	116	7153.73	112
Aug 2010	65	121	4	125	0	125	0	125	7153.73	112
Sep 2010	39	113	3	116	0	116	0	116	7153.73	112
WY 2010	1032	943	86	1029	0	1029	0	1029		

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Crystal Reservoir

	unreg Inflow 1000 Ac-Ft	Morrow Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Tunnel Flow 1000 Ac-Ft	Below_tunnel Flow 1000 Ac-Ft
* Oct 2007	48	85	5	90	90	0	90	6745.51	15	38	54
H Nov 2007	32	63	4	67	66	0	66	6748.78	16	1	70
I Dec 2007	35	62	5	67	68	0	68	6742.95	14	1	73
S Jan 2008	34	87	5	91	77	13	90	6748.45	16	1	94
T Feb 2008	30	99	4	103	72	31	103	6749.17	16	1	108
O Mar 2008	41	45	6	52	52	0	52	6749.59	16	1	54
R Apr 2008	124	153	16	168	127	40	168	6751.31	16	23	150
I May 2008	388	278	45	323	130	191	321	6760.22	19	54	275
C Jun 2008	484	180	52	232	118	116	234	6753.95	17	47	196
A Jul 2008	191	108	13	121	123	0	123	6747.80	15	62	72
L Aug 2008	75	117	5	122	123	0	123	6742.41	14	0	65
* Sep 2008	38	115	3	118	118	0	118	6741.71	14	0	62
WY 2008	1520	1392	162	1554	1164	391	1555			229	1274
Oct 2008	42	72	7	78	75	0	75	6753.04	17	30	45
Nov 2008	37	37	5	42	42	0	42	6753.04	17	0	42
Dec 2008	33	59	5	64	64	0	64	6753.04	17	0	64
Jan 2009	34	86	4	90	90	0	90	6753.04	17	0	90
Feb 2009	32	77	4	81	81	0	81	6753.04	17	0	81
Mar 2009	51	85	8	93	93	0	93	6753.04	17	5	88
Apr 2009	107	104	14	118	118	0	118	6753.04	17	30	88
May 2009	280	99	35	134	134	0	134	6753.04	17	55	79
Jun 2009	372	86	44	130	130	0	130	6753.04	17	60	70
Jul 2009	135	97	15	112	112	0	112	6753.04	17	65	47
Aug 2009	76	125	9	134	134	0	134	6753.04	17	65	69
Sep 2009	49	111	8	119	119	0	119	6753.04	17	55	64
WY 2009	1248	1038	157	1195	1191	0	1192			365	827
Oct 2009	44	83	7	89	89	0	89	6753.04	17	30	59
Nov 2009	38	52	5	57	57	0	57	6753.04	17	0	57
Dec 2009	32	76	5	81	81	0	81	6753.04	17	0	81
Jan 2010	31	75	5	80	80	0	80	6753.04	17	0	80
Feb 2010	29	65	4	69	69	0	69	6753.04	17	0	69
Mar 2010	46	66	7	73	73	0	73	6753.04	17	5	68
Apr 2010	96	75	12	87	87	0	87	6753.04	17	30	57
May 2010	272	90	35	125	125	0	125	6753.04	17	55	70
Jun 2010	330	90	38	128	128	0	128	6753.04	17	60	68
Jul 2010	144	116	17	133	133	0	133	6753.04	17	65	68
Aug 2010	74	125	8	133	133	0	133	6753.04	17	65	68
Sep 2010	45	116	6	122	122	0	122	6753.04	17	55	67
WY 2010	1183	1029	151	1180	1180	0	1180			365	815

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Vallecito Reservoir

		Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Oct 2007	15	31	7641.28	67
H	Nov 2007	7	4	7642.40	69
I	Dec 2007	8	3	7644.42	74
S	Jan 2008	6	4	7645.29	76
T	Feb 2008	6	17	7640.08	65
O	Mar 2008	11	36	7626.73	39
R	Apr 2008	33	29	7628.85	43
I	May 2008	77	38	7647.76	82
C	Jun 2008	84	43	7663.79	122
A	Jul 2008	32	40	7660.68	114
L	Aug 2008	15	39	7651.24	90
*	Sep 2008	11	31	7642.57	70
	WY 2008	305	315		
	Oct 2008	9	19	7637.78	60
	Nov 2008	7	6	7638.22	61
	Dec 2008	6	5	7638.86	62
	Jan 2009	6	5	7639.50	63
	Feb 2009	5	4	7639.86	64
	Mar 2009	8	5	7641.36	67
	Apr 2009	20	12	7644.84	75
	May 2009	70	43	7655.87	101
	Jun 2009	76	54	7663.88	122
	Jul 2009	28	43	7657.96	107
	Aug 2009	18	39	7649.11	85
	Sep 2009	18	31	7643.32	72
	WY 2009	271	266		
	Oct 2009	13	19	7640.44	65
	Nov 2009	8	7	7640.96	66
	Dec 2009	6	5	7641.56	68
	Jan 2010	5	5	7641.78	68
	Feb 2010	5	4	7641.93	68
	Mar 2010	8	5	7643.42	72
	Apr 2010	22	13	7647.24	80
	May 2010	69	43	7657.81	106
	Jun 2010	78	62	7663.52	121
	Jul 2010	31	43	7658.69	109
	Aug 2010	19	40	7650.18	87
	Sep 2010	17	31	7644.11	73
	WY 2010	281	276		

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Navajo Reservoir

	Mod_Unreg Inflow 1000 Ac-Ft	Azetea Tunnel_Div 1000 Ac-Ft	Reg Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	NIIP Diversion 1000 ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Farm Flow 1000 Ac-Ft
* Oct 2007	41	0	57	2	10	46	6072.01	1509	79
H Nov 2007	19	0	17	1	1	43	6070.07	1482	57
I Dec 2007	46	0	40	1	0	42	6069.89	1479	67
S Jan 2008	26	0	24	1	0	47	6068.19	1456	69
T Feb 2008	38	0	48	1	0	122	6062.59	1381	160
O Mar 2008	147	6	167	2	6	219	6057.91	1321	284
R Apr 2008	242	27	218	2	21	156	6060.97	1360	240
I May 2008	328	45	243	4	31	149	6065.54	1420	303
C Jun 2008	307	49	214	4	39	221	6061.77	1370	411
A Jul 2008	82	14	74	4	40	32	6061.63	1369	103
L Aug 2008	31	3	51	4	36	40	6059.46	1341	58
* Sep 2008	32	2	49	3	22	45	6057.74	1319	57
WY 2008	1337	146	1204	28	206	1160			1887
Oct 2008	30	0	40	2	7	37	6057.27	1314	37
Nov 2008	30	0	29	1	1	30	6057.06	1311	30
Dec 2008	20	0	19	1	1	31	6055.94	1297	31
Jan 2009	24	0	23	1	1	31	6055.15	1287	31
Feb 2009	33	0	32	1	1	28	6055.36	1290	28
Mar 2009	102	4	94	2	4	31	6060.00	1348	31
Apr 2009	166	13	145	3	17	30	6067.35	1444	30
May 2009	287	33	227	4	29	85	6075.15	1553	85
Jun 2009	245	40	184	5	44	147	6074.32	1541	147
Jul 2009	61	13	63	5	47	40	6072.32	1513	40
Aug 2009	36	13	44	4	39	47	6069.01	1467	47
Sep 2009	44	4	53	3	22	43	6067.91	1452	43
WY 2009	1078	119	954	29	214	578			578
Oct 2009	38	0	44	2	7	31	6068.21	1456	31
Nov 2009	33	0	32	1	1	30	6068.21	1456	30
Dec 2009	24	0	23	1	1	31	6067.50	1446	31
Jan 2010	22	0	21	1	1	31	6066.68	1435	31
Feb 2010	30	0	30	1	1	28	6066.69	1435	28
Mar 2010	88	4	81	2	4	31	6069.92	1479	31
Apr 2010	174	13	152	3	17	34	6076.86	1578	34
May 2010	279	33	219	4	29	200	6075.91	1564	200
Jun 2010	246	40	191	5	44	212	6070.98	1494	212
Jul 2010	74	13	73	5	47	40	6069.67	1476	40
Aug 2010	43	13	51	4	39	47	6066.79	1437	47
Sep 2010	42	4	52	3	22	43	6065.61	1421	43
WY 2010	1094	119	969	30	214	757			757

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Lake Powell

	Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	PowerPlant Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Bank Storage 1000 Ac-Ft	EOM Storage 1000 Ac-Ft	Lees Ferry 1000 Ac-Ft
* Oct 2007	467	540	32	601	0	601	3600.62	18273	11809	612
H Nov 2007	397	470	31	603	0	603	3598.63	18298	11620	615
I Dec 2007	398	455	24	803	0	803	3594.64	18299	11246	814
S Jan 2008	336	440	7	801	0	801	3590.66	18296	10880	813
T Feb 2008	412	568	8	602	0	602	3590.66	18254	10880	612
O Mar 2008	589	717	13	737	93	830	3589.77	18208	10800	850
R Apr 2008	1003	982	21	678	0	678	3594.09	18095	11195	691
I May 2008	2644	2328	27	790	0	790	3610.81	17988	12812	807
C Jun 2008	3568	3292	49	791	0	791	3631.05	18281	14971	810
A Jul 2008	1691	1412	63	865	0	865	3633.00	18545	15192	887
L Aug 2008	477	584	62	890	0	890	3629.55	18565	14803	914
* Sep 2008	374	539	56	723	0	723	3626.90	18619	14509	738
WY 2008	12356	12326	396	8885	93	8978				9165
Oct 2008	450	530	41	743	0	743	3624.75	18600	14273	743
Nov 2008	450	481	34	600	0	600	3623.45	18589	14132	600
Dec 2008	400	475	28	800	0	800	3620.40	18563	13806	800
Jan 2009	383	475	21	800	0	800	3617.36	18537	13486	800
Feb 2009	399	460	19	700	0	700	3615.06	18518	13246	700
Mar 2009	629	562	24	700	0	700	3613.60	18506	13096	700
Apr 2009	866	684	27	700	0	700	3613.21	18503	13056	700
May 2009	2147	1763	38	800	0	800	3621.41	18571	13913	800
Jun 2009	2866	2382	45	814	0	814	3634.15	18684	15323	814
Jul 2009	1306	1219	54	970	0	970	3635.72	18699	15504	970
Aug 2009	524	651	55	970	0	970	3632.70	18671	15158	970
Sep 2009	420	555	47	600	0	600	3631.95	18664	15073	600
WY 2009	10840	10239	433	9197	0	9197				9197
Oct 2009	506	588	42	600	0	600	3631.50	18660	15022	600
Nov 2009	523	581	35	600	0	600	3631.06	18656	14972	600
Dec 2009	418	533	29	800	0	800	3628.61	18634	14698	800
Jan 2010	384	498	22	800	0	800	3625.89	18610	14397	800
Feb 2010	395	474	20	700	0	700	3623.80	18592	14170	700
Mar 2010	628	599	25	675	0	675	3622.93	18584	14076	675
Apr 2010	952	784	29	675	0	675	3623.62	18590	14150	675
May 2010	2161	1917	40	800	0	800	3632.62	18670	15148	800
Jun 2010	2808	2404	48	900	0	900	3644.13	18778	16496	900
Jul 2010	1345	1254	56	1049	0	1049	3645.27	18789	16634	1049
Aug 2010	566	699	58	1049	0	1049	3642.13	18759	16257	1049
Sep 2010	459	614	50	600	0	600	3641.86	18756	16224	600
WY 2010	11147	10946	454	9248	0	9248				9248

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Hoover Dam - Lake Mead

	Glen Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release CFS	SNWP Use 1000 Ac-Ft	Dwnstrm Reqmnts 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
* Oct 2007	601	32	48	570	9.3	26	564	812	1110.95	12494
H Nov 2007	603	67	48	576	9.7	19	575	814	1111.22	12520
I Dec 2007	803	95	42	477	7.8	17	467	836	1114.81	12860
S Jan 2008	801	89	34	672	10.9	15	659	846	1116.46	13017
T Feb 2008	602	147	32	659	11.5	11	658	849	1116.93	13062
O Mar 2008	830	117	35	1025	16.7	18	1023	841	1115.65	12940
R Apr 2008	678	40	44	1159	19.5	24	1155	810	1110.61	12463
I May 2008	790	50	49	1113	18.1	30	1110	789	1107.05	12132
C Jun 2008	791	45	59	949	15.9	31	949	776	1104.98	11941
A Jul 2008	865	63	73	876	14.2	34	874	773	1104.42	11890
L Aug 2008	890	96	78	804	13.1	34	789	777	1105.13	11955
* Sep 2008	723	77	64	652	11.0	23	642	781	1105.76	12013
WY 2008	8978	916	606	9531		282	9464			
Oct 2008	743	68	47	523	8.5	30	523	794	1107.90	12210
Nov 2008	600	68	47	651	10.9	19	651	791	1107.39	12164
Dec 2008	800	61	41	418	6.8	13	418	814	1111.32	12529
Jan 2009	800	126	34	693	11.3	12	693	826	1113.18	12705
Feb 2009	700	116	31	668	12.0	12	668	832	1114.20	12802
Mar 2009	700	87	35	951	15.5	16	951	819	1112.06	12600
Apr 2009	700	74	43	1083	18.2	22	1083	796	1108.31	12248
May 2009	800	65	49	1028	16.7	35	1028	781	1105.80	12017
Jun 2009	814	16	59	844	14.2	34	844	775	1104.71	11917
Jul 2009	970	57	73	919	15.0	33	919	775	1104.73	11918
Aug 2009	970	115	78	828	13.5	30	828	784	1106.25	12059
Sep 2009	600	79	64	705	11.8	33	705	776	1105.00	11943
WY 2009	9197	931	601	9311		290	9311			
Oct 2009	600	68	47	451	7.3	31	451	785	1106.42	12074
Nov 2009	600	68	47	568	9.6	23	568	787	1106.71	12101
Dec 2009	800	61	41	583	9.5	11	583	800	1109.01	12314
Jan 2010	800	126	34	692	11.3	12	692	812	1110.90	12490
Feb 2010	700	116	31	667	12.0	12	667	818	1111.95	12589
Mar 2010	675	87	35	948	15.4	16	948	804	1109.58	12366
Apr 2010	675	74	43	1078	18.1	22	1078	780	1105.58	11996
May 2010	800	65	48	1024	16.6	35	1024	765	1103.09	11769
Jun 2010	900	16	58	840	14.1	34	840	764	1102.93	11755
Jul 2010	1049	57	73	914	14.9	33	914	769	1103.82	11835
Aug 2010	1049	115	78	822	13.4	30	822	784	1106.21	12055
Sep 2010	600	79	64	700	11.8	33	700	776	1105.00	11944
WY 2010	9248	931	598	9289		293	9289			

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Davis Dam - Lake Mohave

	Hoover Release 1000 Ac-Ft	Side inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Spill Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release CFS	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
* Oct 2007	570	-14	635	0	635	10.3	634.21	1465
H Nov 2007	576	-17	516	0	516	8.7	635.89	1509
I Dec 2007	477	-24	396	0	396	6.4	638.03	1565
S Jan 2008	672	-27	547	0	547	8.9	641.68	1663
T Feb 2008	659	-12	717	0	717	12.5	639.09	1593
O Mar 2008	1025	-26	974	0	974	15.8	640.01	1618
R Apr 2008	1159	-23	1104	0	1104	18.6	641.20	1650
I May 2008	1113	-45	993	0	993	16.2	643.95	1725
C Jun 2008	949	-34	932	0	932	15.7	643.36	1709
A Jul 2008	876	-23	896	0	896	14.6	641.79	1666
L Aug 2008	804	-26	798	0	798	13.0	641.06	1646
* Sep 2008	652	-15	698	0	698	11.7	638.80	1585
WY 2008	9531	-285	9206	0	9206			
Oct 2008	523	-2	646	0	646	10.5	634.00	1460
Nov 2008	651	-16	622	0	622	10.5	634.50	1473
Dec 2008	418	-19	289	0	289	4.7	638.71	1583
Jan 2009	693	-20	590	0	590	9.6	641.80	1666
Feb 2009	668	-14	654	0	654	11.8	641.80	1666
Mar 2009	951	-25	892	0	892	14.5	643.05	1700
Apr 2009	1083	-30	1054	0	1054	17.7	643.01	1699
May 2009	1028	-33	995	0	995	16.2	643.01	1699
Jun 2009	844	-27	845	0	845	14.2	642.00	1671
Jul 2009	919	-25	908	0	908	14.8	641.50	1658
Aug 2009	828	-25	803	0	803	13.1	641.50	1658
Sep 2009	705	-18	780	0	780	13.1	638.00	1564
WY 2009	9311	-253	9079	0	9079			
Oct 2009	451	-2	579	0	579	9.4	633.00	1434
Nov 2009	568	-16	527	0	527	8.9	634.00	1460
Dec 2009	583	-19	441	0	441	7.2	638.71	1583
Jan 2010	692	-20	589	0	589	9.6	641.80	1666
Feb 2010	667	-14	653	0	653	11.8	641.80	1666
Mar 2010	948	-25	888	0	888	14.4	643.05	1700
Apr 2010	1078	-30	1050	0	1050	17.6	643.01	1699
May 2010	1024	-33	991	0	991	16.1	643.01	1699
Jun 2010	840	-27	841	0	841	14.1	642.00	1671
Jul 2010	914	-25	903	0	903	14.7	641.50	1658
Aug 2010	822	-25	798	0	798	13.0	641.50	1658
Sep 2010	700	-18	776	0	776	13.0	638.00	1564
WY 2010	9289	-253	9036	0	9036			

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Parker Dam - Lake Havasu

	Davis Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	MWD Diversion 1000 Ac-Ft	CAP diversion 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft	Flow_to Mexico 1000 Ac-Ft	Flow_to Mexico 1000 CFS
* Oct 2007	635	2	455	7.4	27	164	447.28	566	80	1.3
H Nov 2007	516	3	336	5.6	29	147	447.65	573	103	1.7
I Dec 2007	396	10	270	4.4	35	118	446.77	557	126	2.1
S Jan 2008	547	5	306	5.0	82	167	446.67	555	132	2.1
T Feb 2008	717	-11	486	8.4	67	157	446.44	551	155	2.7
O Mar 2008	974	-15	744	12.1	46	168	446.47	551	205	3.3
R Apr 2008	1104	-10	838	14.1	76	166	447.25	566	202	3.4
I May 2008	993	-11	684	11.1	97	172	448.84	596	113	1.8
C Jun 2008	932	-25	691	11.6	94	126	448.62	592	115	1.9
A Jul 2008	896	-18	728	11.8	87	78	447.86	577	122	2.0
L Aug 2008	798	-2	635	10.3	82	65	448.54	590	109	1.8
* Sep 2008	698	-10	519	8.7	82	94	448.19	584	99	1.7
WY 2008	9206	-79	6692		804	1623			1560	
Oct 2008	646	3	481	7.8	70	126	446.80	557	74	1.2
Nov 2008	622	11	381	6.4	59	175	447.80	576	103	1.7
Dec 2008	289	10	313	5.1	0	11	446.50	552	118	1.9
Jan 2009	590	23	349	5.7	91	173	446.50	552	119	1.9
Feb 2009	654	32	445	8.0	86	155	446.50	552	154	2.8
Mar 2009	892	31	695	11.3	52	171	446.70	555	204	3.3
Apr 2009	1054	-4	762	12.8	86	165	448.71	594	200	3.4
May 2009	995	-14	724	11.8	92	166	448.71	594	109	1.8
Jun 2009	845	-24	677	11.4	89	55	448.71	594	113	1.9
Jul 2009	908	-17	730	11.9	91	84	448.00	580	119	1.9
Aug 2009	803	-11	631	10.3	91	79	447.50	571	93	1.5
Sep 2009	780	-12	565	9.5	89	128	446.81	557	89	1.5
WY 2009	9079	26	6750		894	1488			1497	
Oct 2009	579	3	470	7.6	31	91	446.31	548	74	1.2
Nov 2009	527	11	382	6.4	29	124	446.50	552	103	1.7
Dec 2009	441	10	322	5.2	6	123	446.50	552	122	2.0
Jan 2010	589	23	346	5.6	91	176	446.50	552	119	1.9
Feb 2010	653	32	441	7.9	85	157	446.50	552	154	2.8
Mar 2010	888	31	689	11.2	52	174	446.70	555	204	3.3
Apr 2010	1050	-4	755	12.7	86	167	448.71	594	200	3.4
May 2010	991	-14	717	11.7	91	168	448.71	594	109	1.8
Jun 2010	841	-24	672	11.3	89	56	448.71	594	113	1.9
Jul 2010	903	-17	724	11.8	91	85	448.00	580	119	1.9
Aug 2010	798	-11	625	10.2	91	81	447.50	571	93	1.5
Sep 2010	776	-12	559	9.4	89	130	446.81	557	89	1.5
WY 2010	9036	26	6701		831	1530			1500	

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Hoover Dam - Lake Mead

	Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Hoover Static Head Feet	Hoover Generator Capacity MW	Hoover Gross Energy MKWH	Percent Of Units Available	KWH/AF
* Oct 2007	570	9.3	1110.95	12494	-10	0.00	1363.0	219.9	80	385.9
H Nov 2007	575	9.7	1111.22	12520	25	0.00	1056.0	225.1	62	391.4
I Dec 2007	477	7.8	1114.81	12860	340	0.00	1074.0	183.5	63	385.0
S Jan 2008	672	10.9	1116.46	13017	158	0.00	1175.0	268.3	69	399.2
T Feb 2008	659	11.5	1116.93	13062	45	0.00	1101.0	266.5	63	404.5
O Mar 2008	1025	16.7	1115.65	12940	-123	0.00	1212.0	420.7	70	410.6
R Apr 2008	1159	19.5	1110.61	12463	-477	0.00	1393.0	475.9	81	410.7
I May 2008	1113	18.1	1107.05	12132	-331	0.00	1482.0	445.7	87	400.5
C Jun 2008	949	15.9	1104.98	11941	-190	0.00	1694.0	371.6	100	391.7
A Jul 2008	876	14.2	1104.42	11890	-51	0.00	1672.0	344.2	100	392.8
L Aug 2008	804	13.1	1105.13	11955	65	0.00	1678.0	316.2	100	393.1
* Sep 2008	652	11.0	1105.76	12013	58	0.00	1677.0	252.9	100	387.9
WY 2008	9530							3790.6		
Oct 2008	523	8.5	1107.90	12210	197	461.35	1038.0	210.7	61	402.6
Nov 2008	651	10.9	1107.39	12164	-47	464.45	930.0	272.0	55	417.9
Dec 2008	418	6.8	1111.32	12529	366	461.84	1395.0	166.9	82	399.2
Jan 2009	693	11.3	1113.18	12705	176	463.06	1289.0	285.3	75	411.8
Feb 2009	668	12.0	1114.20	12802	97	464.96	1063.0	281.6	62	421.3
Mar 2009	951	15.5	1112.06	12600	-202	461.74	1407.0	397.7	82	418.4
Apr 2009	1083	18.2	1108.31	12248	-351	459.04	1293.0	456.4	76	421.6
May 2009	1028	16.7	1105.80	12017	-232	453.35	1679.0	415.8	100	404.5
Jun 2009	844	14.2	1104.71	11917	-100	451.90	1675.0	346.6	100	410.6
Jul 2009	919	15.0	1104.73	11918	2	451.86	1675.0	371.8	100	404.4
Aug 2009	828	13.5	1106.25	12059	140	452.79	1684.0	338.3	100	408.8
Sep 2009	705	11.8	1105.00	11943	-115	454.06	1677.0	284.2	100	403.3
WY 2009	9311							3827.4		
Oct 2009	451	7.3	1106.42	12074	130	458.24	1381.0	181.2	82	401.4
Nov 2009	568	9.6	1106.71	12101	27	460.73	1383.0	230.3	82	405.2
Dec 2009	583	9.5	1109.01	12314	213	459.91	1481.0	235.2	87	403.4
Jan 2010	692	11.3	1110.90	12490	177	459.44	1491.0	281.4	87	406.4
Feb 2010	667	12.0	1111.95	12589	99	460.39	1419.0	274.7	83	411.8
Mar 2010	948	15.4	1109.58	12366	-223	459.38	1408.6	394.4	82	416.3
Apr 2010	1078	18.1	1105.58	11996	-370	456.44	1310.6	451.9	76	419.2
May 2010	1024	16.6	1103.09	11769	-227	450.65	1717.0	411.5	100	402.0
Jun 2010	840	14.1	1102.93	11755	-15	449.66	1717.0	343.2	100	408.5
Jul 2010	914	14.9	1103.82	11835	81	450.52	1717.0	368.4	100	403.0
Aug 2010	822	13.4	1106.21	12055	219	452.31	1717.0	335.7	100	408.1
Sep 2010	700	11.8	1105.00	11944	-111	454.04	1717.0	282.2	100	402.9
WY 2010	9289							3790.2		

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Davis Dam - Lake Mohave

	Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Davis Static Head Feet	Davis Generator Capacity MW	Davis Gross Energy MKWH	Percent Of Units Available	KWH/AF
* Oct 2007	635	10.3	634.21	1465	-79	0.00	201.0	76.0	79	119.8
H Nov 2007	516	8.7	635.89	1509	43	0.00	171.0	61.8	67	119.8
I Dec 2007	396	6.4	638.03	1565	56	0.00	181.0	48.9	71	123.4
S Jan 2008	547	8.9	641.68	1663	98	0.00	157.9	67.9	62	124.1
T Feb 2008	717	12.5	639.09	1593	-70	0.00	191.7	88.7	75	123.8
O Mar 2008	974	15.8	640.01	1618	25	0.00	227.0	120.5	89	123.7
R Apr 2008	1104	18.6	641.20	1650	32	0.00	255.0	135.8	100	123.0
I May 2008	993	16.2	643.95	1725	75	0.00	255.0	123.5	100	124.4
C Jun 2008	932	15.7	643.36	1709	-16	0.00	255.0	117.8	100	126.5
A Jul 2008	896	14.6	641.79	1666	-43	0.00	255.0	111.7	100	124.6
L Aug 2008	798	13.0	641.06	1646	-20	0.00	255.0	98.5	100	123.4
* Sep 2008	698	11.7	638.80	1585	-61	0.00	255.0	86.5	100	123.9
WY 2008	9206							1137.7		
Oct 2008	646	10.5	634.00	1460	-125	130.35	211.7	78.1	83	120.9
Nov 2008	622	10.5	634.50	1473	13	128.91	186.2	74.0	73	118.9
Dec 2008	289	4.7	638.71	1583	110	131.80	173.4	35.7	68	123.4
Jan 2009	590	9.6	641.80	1666	83	136.14	158.1	73.5	62	124.7
Feb 2009	654	11.8	641.80	1666	0	136.93	181.0	81.9	71	125.3
Mar 2009	892	14.5	643.05	1700	34	136.27	224.4	111.4	88	124.9
Apr 2009	1054	17.7	643.01	1699	-1	136.08	255.0	131.2	100	124.5
May 2009	995	16.2	643.01	1699	0	136.05	255.0	124.3	100	124.9
Jun 2009	845	14.2	642.00	1671	-28	135.52	255.0	105.7	100	125.1
Jul 2009	908	14.8	641.50	1658	-14	134.73	255.0	112.8	100	124.2
Aug 2009	803	13.1	641.50	1658	0	134.46	255.0	100.0	100	124.5
Sep 2009	780	13.1	638.00	1564	-94	132.63	255.0	96.0	100	123.0
WY 2009	9079							1124.6		
Oct 2009	579	9.4	633.00	1434	-130	128.15	255.0	69.8	100	120.5
Nov 2009	527	8.9	634.00	1460	26	126.54	237.2	62.7	93	118.9
Dec 2009	441	7.2	638.71	1583	123	129.92	224.4	53.9	88	122.1
Jan 2010	589	9.6	641.80	1666	83	134.24	216.8	73.4	85	124.7
Feb 2010	653	11.8	641.80	1666	0	136.16	206.6	81.8	81	125.3
Mar 2010	888	14.4	643.05	1700	34	135.44	255.0	111.0	100	124.9
Apr 2010	1050	17.6	643.01	1699	-1	136.08	255.0	130.7	100	124.5
May 2010	991	16.1	643.01	1699	0	136.05	255.0	123.8	100	124.9
Jun 2010	841	14.1	642.00	1671	-28	135.52	255.0	105.2	100	125.1
Jul 2010	903	14.7	641.50	1658	-14	134.73	255.0	112.2	100	124.3
Aug 2010	798	13.0	641.50	1658	0	134.46	255.0	99.4	100	124.6
Sep 2010	776	13.0	638.00	1564	-94	132.63	255.0	95.4	100	123.0
WY 2010	9036							1119.2		

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Parker Dam - Lake Havasu

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Parker Static Head Feet	Parker Generator Capacity MW	Parker Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Oct 2007	455	7.4	447.28	566	-9	0.00	90.0	31.5	75	69.3
H	Nov 2007	336	5.6	447.65	573	7	0.00	79.0	23.0	66	68.7
I	Dec 2007	270	4.4	446.77	557	-16	0.00	79.0	17.9	66	66.5
S	Jan 2008	306	5.0	446.67	555	-2	0.00	85.2	20.3	71	66.5
T	Feb 2008	486	8.4	446.44	551	-4	0.00	90.0	32.6	75	67.2
O	Mar 2008	744	12.1	446.47	551	1	0.00	90.0	49.8	75	67.0
R	Apr 2008	838	14.1	447.25	566	14	0.00	90.0	55.0	75	65.6
I	May 2008	684	11.1	448.84	596	30	0.00	90.0	46.4	75	67.9
C	Jun 2008	691	11.6	448.62	592	-4	0.00	90.0	47.3	75	68.4
A	Jul 2008	728	11.8	447.86	577	-14	0.00	90.0	48.9	75	67.3
L	Aug 2008	635	10.3	448.54	590	13	0.00	105.6	41.9	88	66.0
*	Sep 2008	519	8.7	448.19	584	-7	0.00	91.2	38.6	76	74.3
	WY 2008	6692							453.4		
	Oct 2008	481	7.8	446.80	557	-26	76.29	90.0	31.7	75	66.0
	Nov 2008	381	6.4	447.80	576	19	76.10	90.0	24.8	75	65.2
	Dec 2008	313	5.1	446.50	552	-24	76.21	85.2	20.1	71	64.4
	Jan 2009	349	5.7	446.50	552	0	75.32	90.0	22.4	75	64.2
	Feb 2009	445	8.0	446.50	552	0	75.32	90.0	29.1	75	65.4
	Mar 2009	695	11.3	446.70	555	4	74.16	116.4	45.2	97	65.1
	Apr 2009	762	12.8	448.71	594	38	75.09	120.0	50.2	100	65.9
	May 2009	724	11.8	448.71	594	0	76.06	120.0	48.1	100	66.5
	Jun 2009	677	11.4	448.71	594	0	76.06	120.0	45.0	100	66.5
	Jul 2009	730	11.9	448.00	580	-14	75.72	120.0	48.4	100	66.3
	Aug 2009	631	10.3	447.50	571	-10	75.13	120.0	41.3	100	65.6
	Sep 2009	565	9.5	446.81	557	-13	75.95	90.0	37.5	75	66.3
	WY 2009	6750							444.0		
	Oct 2009	470	7.6	446.31	548	-9	75.37	90.0	30.7	75	65.3
	Nov 2009	382	6.4	446.50	552	3	75.41	86.4	24.7	72	64.8
	Dec 2009	322	5.2	446.50	552	0	75.65	84.0	20.6	70	64.2
	Jan 2010	346	5.6	446.50	552	0	75.51	86.4	22.3	72	64.4
	Feb 2010	441	7.9	446.50	552	0	75.19	92.4	28.8	77	65.3
	Mar 2010	689	11.2	446.70	555	4	74.01	120.0	44.7	100	64.9
	Apr 2010	755	12.7	448.71	594	38	75.09	120.0	49.8	100	65.9
	May 2010	717	11.7	448.71	594	0	76.06	120.0	47.7	100	66.5
	Jun 2010	672	11.3	448.71	594	0	76.06	120.0	44.7	100	66.5
	Jul 2010	724	11.8	448.00	580	-14	75.72	120.0	48.0	100	66.3
	Aug 2010	625	10.2	447.50	571	-10	75.13	120.0	40.9	100	65.5
	Sep 2010	559	9.4	446.81	557	-13	74.55	120.0	36.3	100	64.9
	WY 2010	6701							439.2		

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Upper Basin Power

	Glen Canyon 1000 MWHR	Flam Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Res 1000 MWHR	Font Res 1000 MWHR
* Oct 2007	251	19	24	30	17	2
H Nov 2007	252	19	18	22	12	2
I Dec 2007	334	15	19	22	13	3
S Jan 2008	330	19	25	31	15	2
T Feb 2008	247	18	26	35	14	2
O Mar 2008	299	19	14	16	9	2
Winter 2008	1714	110	126	156	80	14
R Apr 2008	280	20	38	55	23	2
I May 2008	333	39	52	92	23	4
C Jun 2008	348	68	40	63	22	7
A Jul 2008	390	36	31	39	23	9
L Aug 2008	400	36	36	42	22	8
* Sep 2008	323	34	34	41	21	5
Summer 2008	2075	233	232	331	134	35
Oct 2008	309	25	20	26	13	5
Nov 2008	248	24	10	13	7	5
Dec 2008	330	24	17	21	11	5
Jan 2009	329	24	25	31	16	4
Feb 2009	286	22	21	28	14	4
Mar 2009	285	18	23	31	16	4
Winter 2009	1787	138	116	150	77	26
Apr 2009	285	17	25	37	20	5
May 2009	327	59	20	36	23	7
Jun 2009	340	48	17	31	22	9
Jul 2009	411	35	35	35	19	10
Aug 2009	410	35	38	45	23	9
Sep 2009	253	34	33	40	21	6
Summer 2009	2026	228	168	224	129	45
Oct 2009	252	35	24	30	15	7
Nov 2009	252	34	15	19	10	6
Dec 2009	335	35	22	28	14	6
Jan 2010	333	35	21	27	14	6
Feb 2010	290	31	18	24	12	5
Mar 2010	279	35	18	24	13	5
Winter 2010	1742	204	118	151	78	34
Apr 2010	279	34	18	27	15	5
May 2010	334	67	19	33	22	7
Jun 2010	383	54	21	32	22	9
Jul 2010	452	42	34	42	23	10
Aug 2010	451	42	38	45	23	9
Sep 2010	257	40	35	42	21	6
Summer 2010	2156	280	165	220	126	46

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F L O O D C O N T R O L C R I T E R I A
B E G I N N I N G O F M O N T H C O N D I T I O N S

MON	YEAR	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	LAKE POWELL KAF	UPPER BASIN TOTAL KAF	LAKE MEAD KAF	TOTAL KAF	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	TOT OR MAX ALLOW KAF	LAKE POWELL KAF	LAKE MEAD KAF	TOTAL KAF	BOM SPACE REQD KAF	MEAD SCHED REL KAF	MEAD FC REL KAF	SYS CONT MAF
		* * * * P R E D I C T E D S P A C E * * * *							* * * * C R E D I T A B L E S P A C E * * * *									
OCT	2008	816	180	377	9811	11184	15367	26551	816	180	377	1372	9811	15367	26551	3040	523	0	33.9
NOV	2008	856	214	382	10047	11500	15170	26670	856	214	382	1453	10047	15170	26670	3810	651	0	33.7
DEC	2008	886	218	385	10188	11677	15216	26893	886	218	385	1489	10188	15216	26893	4580	418	0	33.7
JAN	2009	920	248	399	10514	12082	14851	26932	920	248	399	1567	10514	14851	26932	5350	693	0	33.6
									* * * * E F F E C T I V E S P A C E * * * *									
JAN	2009	920	248	399	10514	12082	14851	26932	515	248	378	1141	10514	14851	26506	5350	693	0	33.6
FEB	2009	951	302	409	10834	12496	14675	27171	543	302	386	1232	10834	14675	26741	1500	668	0	33.4
MAR	2009	971	349	406	11074	12800	14578	27378	561	349	382	1291	11074	14578	26943	1500	951	0	33.1
APR	2009	930	390	348	11224	12891	14780	27672	515	390	318	1222	11224	14780	27226	1500	1083	0	32.9
MAY	2009	852	402	252	11264	12770	15132	27901	428	402	202	1033	11264	15132	27428	1500	1028	0	33.9
JUN	2009	763	269	143	10407	11582	15363	26945	331	265	60	656	10407	15363	26426	1500	844	0	35.6
JUL	2009	552	51	155	8997	9755	15463	25219	103	23	23	149	8997	15463	24609	1500	919	0	35.8
									* * * * C R E D I T A B L E S P A C E * * * *									
AUG	2009	468	27	183	8816	9494	15462	24955	468	27	183	678	8816	15462	24955	1500	828	0	35.5
SEP	2009	487	76	229	9162	9955	15321	25277	487	76	229	793	9162	15321	25277	2270	705	0	35.0
OCT	2009	539	140	244	9247	10171	15437	25608	539	140	244	924	9247	15437	25608	3040	451	0	34.9
NOV	2009	583	182	240	9298	10303	15306	25609	583	182	240	1005	9298	15306	25609	3810	568	0	34.8
DEC	2009	627	200	240	9348	10416	15279	25695	627	200	240	1068	9348	15279	25695	4580	583	0	34.8
JAN	2010	688	248	250	9622	10808	15066	25874	688	248	250	1185	9622	15066	25874	5350	692	0	34.6
									* * * * E F F E C T I V E S P A C E * * * *									
JAN	2010	688	248	250	9622	10808	15066	25874	398	248	192	839	9622	15066	25527	5350	692	0	34.6
FEB	2010	744	295	261	9923	11223	14890	26112	453	295	201	950	9923	14890	25762	1500	667	0	34.4
MAR	2010	787	334	261	10150	11532	14791	26323	494	334	199	1027	10150	14791	25968	1500	948	0	34.2
APR	2010	783	360	217	10244	11604	15014	26618	486	360	149	995	10244	15014	26253	1500	1078	0	34.0
MAY	2010	742	350	118	10170	11379	15384	26763	437	350	31	819	10170	15384	26372	1500	1024	0	35.0
JUN	2010	671	217	132	9172	10192	15611	25802	357	214	12	583	9172	15611	25366	1500	840	0	36.7
JUL	2010	437	37	202	7824	8500	15625	24125	106	11	33	150	7824	15625	23600	1500	914	0	37.0
									* * * * C R E D I T A B L E S P A C E * * * *									
AUG	2010	350	27	220	7686	8283	15545	23827	350	27	220	596	7686	15545	23827	1500	822	0	36.7
SEP	2010	381	78	259	8063	8782	15325	24107	381	78	259	718	8063	15325	24107	2270	700	0	36.3

To: All Annual Operating Plan Recipients

From: Lower Colorado Region
Boulder Canyon Operations Office
River Operations Group
Bruce Williams
P.O. Box 61470
Boulder City, NV 89006-1470
Phone: 702-293-8571

The operation of Lake Powell and Lake Mead in this 24 Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines). Pursuant to the Interim Guidelines, the Upper Elevation Balancing Tier is the operational tier for water year 2009 for Glen Canyon Dam. The Interim Guidelines are available for download at http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.

The November 24-month study projects that the annual release volume from Glen Canyon Dam for water year 2009 will likely be 8.23 million acre-feet (maf) consistent with Section 6.B.1 of the Interim Guidelines.

In this study, the Calendar Year (CY) 2008 diversion for Metropolitan Water District of Southern California (MWD) is forecasted to be 0.887 maf. The CY 2008 diversion for the Central Arizona Project (CAP) is forecasted to be 1.513 maf. Consumptive use for Nevada above Hoover is forecasted to be 0.269 maf for CY 2008.

Due to declining Lake Mead elevations, Hoover’s generator capacity is adjusted based on estimated effective capacity and plant availability. The estimated effective capacity is based on projected Lake Mead elevations. Unit capacity tests will be performed as the lake elevation changes in 2-foot increments. This study reflects these changes in the projections.

Current runoff projections into Lake Powell are provided by the National Weather Service’s Colorado Basin River Forecast Center and are as follows: Observed unregulated inflow into Lake Powell for the month of October 2008 was 0.372 maf or 67% of the 30 year average. The forecast for November 2008 unregulated inflow into Lake Powell is 0.375 maf or 68% of the 30 year average.

Hoover, Davis, and Parker historical gross energy figures come from PO&M reports provided by the Power and O&M Group, Boulder Canyon Operations Office, Bureau of Reclamation, Boulder City, Nevada. Questions regarding these historical energy numbers can be directed to Larry Karr at (702) 293-8094.

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T E M R E S E R V O I R S

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Fontenelle Reservoir

		Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Nov 2007	32	1	41	2	42	6479.48	164
H	Dec 2007	27	1	43	0	44	6476.19	147
I	Jan 2008	24	0	43	0	43	6472.00	128
S	Feb 2008	25	0	40	1	41	6468.13	111
T	Mar 2008	32	0	43	0	43	6465.20	100
O	Apr 2008	53	1	42	0	42	6467.95	111
R	May 2008	132	1	64	1	65	6481.73	177
I	Jun 2008	224	2	100	0	101	6499.83	298
C	Jul 2008	173	3	104	34	138	6503.99	330
A	Aug 2008	47	2	91	0	91	6497.83	283
L	Sep 2008	36	2	63	0	63	6493.80	254
	WY 2008	838	14	712	44	756		
*	Oct 2008	43	1	65	0	65	6490.51	231
	Nov 2008	37	1	61	0	61	6486.69	207
	Dec 2008	30	1	60	0	60	6481.58	176
	Jan 2009	30	1	60	0	60	6475.69	145
	Feb 2009	29	0	54	0	54	6469.98	119
	Mar 2009	53	0	60	0	60	6468.13	111
	Apr 2009	90	1	83	0	83	6469.60	117
	May 2009	190	1	100	5	105	6485.91	202
	Jun 2009	301	2	104	99	202	6499.88	298
	Jul 2009	185	3	101	38	138	6505.53	342
	Aug 2009	84	2	92	0	92	6504.20	331
	Sep 2009	50	2	58	11	70	6501.44	310
	WY 2009	1122	15	899	153	1051		
	Oct 2009	49	1	72	0	72	6498.16	285
	Nov 2009	41	1	70	0	70	6494.06	256
	Dec 2009	32	1	72	0	72	6488.00	215
	Jan 2010	30	1	72	0	72	6480.95	172
	Feb 2010	27	1	65	0	65	6473.34	134
	Mar 2010	51	0	72	0	72	6468.45	113
	Apr 2010	89	1	83	0	83	6469.63	118
	May 2010	176	1	99	2	101	6484.19	191
	Jun 2010	308	2	103	96	199	6499.78	297
	Jul 2010	186	3	101	40	141	6505.19	339
	Aug 2010	83	2	92	0	92	6503.70	327
	Sep 2010	49	2	65	0	65	6501.29	309
	WY 2010	1120	15	967	139	1106		
	Oct 2010	49	1	70	0	70	6498.28	286

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Flaming Gorge Reservoir

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Yampa Flow 1000 Ac-Ft	Jensen Flow 1000 Ac-Ft
*	Nov 2007	33	42	3	49	0	49	85	6021.81	3044	0	83
H	Dec 2007	21	37	2	41	9	50	84	6021.40	3029	0	83
I	Jan 2008	24	43	2	50	0	50	84	6021.15	3020	0	0
S	Feb 2008	33	49	2	47	0	47	84	6021.15	3020	0	327
T	Mar 2008	59	70	3	50	0	50	84	6021.55	3035	0	141
O	Apr 2008	83	71	5	53	0	53	85	6021.85	3045	0	231
R	May 2008	176	110	7	101	0	101	85	6021.85	3045	0	790
I	Jun 2008	284	161	10	177	0	177	84	6021.15	3020	0	911
C	Jul 2008	188	153	12	93	0	93	86	6022.43	3066	0	287
A	Aug 2008	48	92	12	92	0	92	85	6022.11	3055	0	129
L	Sep 2008	40	67	10	89	0	89	84	6021.25	3024	0	125
	WY 2008	1023	943	75	893	10	903					3204
*	Oct 2008	45	67	7	71	0	71	83	6020.97	3014	0	127
	Nov 2008	45	69	3	65	0	65	83	6020.98	3014	0	65
	Dec 2008	35	65	2	79	0	79	83	6020.56	2999	0	79
	Jan 2009	35	65	2	80	0	80	82	6020.11	2984	0	80
	Feb 2009	44	69	2	62	0	62	82	6020.27	2989	0	62
	Mar 2009	95	102	3	49	0	49	84	6021.62	3037	0	49
	Apr 2009	134	127	5	48	0	48	87	6023.62	3110	0	48
	May 2009	261	176	7	163	0	163	87	6023.74	3114	0	163
	Jun 2009	359	260	10	132	0	132	92	6026.81	3228	0	132
	Jul 2009	198	151	13	94	0	94	94	6027.94	3270	0	94
	Aug 2009	90	98	13	94	0	94	93	6027.73	3262	0	94
	Sep 2009	52	72	11	91	0	91	92	6026.96	3233	0	91
	WY 2009	1393	1323	77	1027	0	1027					1084
	Oct 2009	59	83	7	94	0	94	92	6026.49	3216	0	94
	Nov 2009	51	80	3	91	0	91	91	6026.13	3202	0	91
	Dec 2009	37	77	2	94	0	94	90	6025.65	3184	0	94
	Jan 2010	41	83	2	94	0	94	90	6025.33	3172	0	94
	Feb 2010	45	83	2	85	0	85	90	6025.23	3169	0	85
	Mar 2010	103	124	3	94	0	94	91	6025.94	3195	0	94
	Apr 2010	142	137	5	91	0	91	92	6026.99	3235	0	91
	May 2010	263	189	8	182	0	182	92	6026.97	3233	0	182
	Jun 2010	400	291	10	146	0	146	97	6030.36	3363	0	146
	Jul 2010	219	175	14	111	0	111	99	6031.60	3411	0	111
	Aug 2010	97	106	13	111	0	111	99	6031.17	3394	0	111
	Sep 2010	58	75	11	107	0	107	97	6030.10	3353	0	107
	WY 2010	1516	1502	80	1298	0	1298					1298
	Oct 2010	59	81	7	111	0	111	96	6029.17	3317	0	111

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Taylor Park Reservoir

		Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Nov 2007	4	4	9314.68	78
H	Dec 2007	5	5	9314.89	78
I	Jan 2008	5	4	9315.09	78
S	Feb 2008	4	4	9314.99	78
T	Mar 2008	4	7	9313.24	75
O	Apr 2008	7	19	9305.56	63
R	May 2008	36	29	9310.30	70
I	Jun 2008	65	40	9324.75	96
C	Jul 2008	29	34	9322.03	91
A	Aug 2008	12	23	9315.69	79
L	Sep 2008	8	15	9311.36	72
	WY 2008	186	192		
*	Oct 2008	7	7	9311.31	72
	Nov 2008	5	6	9310.56	71
	Dec 2008	4	6	9309.56	69
	Jan 2009	4	6	9308.50	68
	Feb 2009	4	6	9307.21	66
	Mar 2009	4	6	9305.88	64
	Apr 2009	9	8	9306.55	65
	May 2009	30	18	9314.06	77
	Jun 2009	47	24	9326.66	100
	Jul 2009	19	22	9325.12	97
	Aug 2009	10	20	9319.78	87
	Sep 2009	8	15	9315.82	80
	WY 2009	151	144		
	Oct 2009	6	10	9313.52	76
	Nov 2009	5	6	9312.84	75
	Dec 2009	4	6	9311.89	73
	Jan 2010	4	6	9310.76	71
	Feb 2010	4	6	9309.33	69
	Mar 2010	4	6	9308.21	67
	Apr 2010	8	10	9307.12	65
	May 2010	27	14	9315.27	79
	Jun 2010	43	21	9327.14	100
	Jul 2010	20	21	9326.85	100
	Aug 2010	10	20	9321.62	90
	Sep 2010	7	15	9317.17	82
	WY 2010	143	141		
	Oct 2010	6	10	9314.91	78

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Blue Mesa Reservoir

	Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir elevation EOM Feet	Live Storage 1000 Ac-Ft
* Nov 2007	31	31	0	65	0	65	7494.31	615
H Dec 2007	33	33	0	67	0	67	7489.90	581
I Jan 2008	33	33	0	93	0	93	7481.92	520
S Feb 2008	31	31	0	97	0	97	7472.73	454
T Mar 2008	36	39	0	53	0	53	7470.50	439
O Apr 2008	107	119	1	147	0	147	7466.24	411
R May 2008	318	312	1	199	50	250	7475.27	472
I Jun 2008	409	383	1	143	20	163	7503.56	691
C Jul 2008	172	176	1	103	0	103	7511.87	762
A Aug 2008	70	82	1	119	0	119	7507.44	724
L Sep 2008	35	42	1	115	0	115	7498.61	650
WY 2008	1324	1329	8	1287	70	1358		
* Oct 2008	33	33	1	85	0	85	7492.14	598
Nov 2008	30	31	0	32	0	32	7492.01	597
Dec 2008	25	27	0	42	0	42	7490.00	581
Jan 2009	25	27	0	68	0	68	7484.57	540
Feb 2009	25	27	0	74	0	74	7478.21	493
Mar 2009	38	40	0	80	0	80	7472.47	453
Apr 2009	79	78	1	90	0	90	7470.62	440
May 2009	217	205	1	71	0	71	7488.92	573
Jun 2009	298	275	1	56	0	56	7515.08	791
Jul 2009	133	136	2	123	0	123	7516.40	803
Aug 2009	64	74	1	122	0	122	7510.86	753
Sep 2009	38	45	1	108	0	108	7503.37	689
WY 2009	1005	998	8	950	0	950		
Oct 2009	35	39	1	80	0	80	7498.34	648
Nov 2009	31	32	0	50	0	50	7496.05	629
Dec 2009	25	27	0	74	0	74	7490.00	581
Jan 2010	24	26	0	73	0	73	7483.80	534
Feb 2010	22	24	0	62	0	62	7478.55	495
Mar 2010	34	36	0	62	0	62	7474.83	469
Apr 2010	73	75	1	64	0	64	7476.29	479
May 2010	212	199	1	65	0	65	7493.92	612
Jun 2010	271	249	1	69	0	69	7515.17	791
Jul 2010	121	121	2	109	0	109	7516.40	803
Aug 2010	62	72	1	121	0	121	7510.70	752
Sep 2010	36	44	1	113	0	113	7502.52	682
WY 2010	946	943	9	942	0	942		
Oct 2010	35	39	1	80	0	80	7497.46	641

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Morrow Point Reservoir

	Unreg Inflow 1000 Ac-Ft	Blue_Mesa Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Evap losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
* Nov 2007	28	65	-3	62	0	63	0	63	7149.32	109
H Dec 2007	31	67	-3	65	0	62	0	62	7152.91	111
I Jan 2008	29	93	-4	89	0	87	0	87	7156.26	114
S Feb 2008	26	97	-5	92	0	99	0	99	7146.95	107
T Mar 2008	34	53	-2	52	0	45	0	45	7155.12	113
O Apr 2008	109	147	1	148	0	153	0	153	7149.81	109
R May 2008	343	250	25	275	0	255	24	278	7144.87	105
I Jun 2008	432	163	23	186	0	177	4	180	7152.31	111
C Jul 2008	178	103	6	109	0	108	0	108	7152.94	111
A Aug 2008	71	119	0	120	0	117	0	117	7156.16	114
L Sep 2008	35	115	0	115	0	115	0	115	7155.78	114
WY 2008	1358	1358	34	1392	1	1365	27	1392		
* Oct 2008	33	85	0	85	0	86	0	86	7153.95	112
Nov 2008	32	32	2	34	0	34	0	34	7153.73	112
Dec 2008	27	42	2	44	0	44	0	44	7153.73	112
Jan 2009	27	68	2	70	0	70	0	70	7153.73	112
Feb 2009	28	74	3	77	0	77	0	77	7153.73	112
Mar 2009	43	80	5	85	0	85	0	85	7153.73	112
Apr 2009	93	90	14	104	0	104	0	104	7153.73	112
May 2009	245	71	28	99	0	99	0	99	7153.73	112
Jun 2009	328	56	30	86	0	86	0	86	7153.73	112
Jul 2009	120	123	-13	110	0	110	0	110	7153.73	112
Aug 2009	67	122	3	125	0	125	0	125	7153.73	112
Sep 2009	41	108	3	111	0	111	0	111	7153.73	112
WY 2009	1085	950	79	1029	0	1031	0	1031		
Oct 2009	38	80	3	83	0	83	0	83	7153.73	112
Nov 2009	33	50	2	52	0	52	0	52	7153.73	112
Dec 2009	27	74	2	76	0	76	0	76	7153.73	112
Jan 2010	26	73	2	75	0	75	0	75	7153.73	112
Feb 2010	25	62	3	65	0	65	0	65	7153.73	112
Mar 2010	38	62	4	66	0	66	0	66	7153.73	112
Apr 2010	84	64	11	75	0	75	0	75	7153.73	112
May 2010	237	65	25	90	0	90	0	90	7153.73	112
Jun 2010	292	69	21	90	0	90	0	90	7153.73	112
Jul 2010	127	109	7	115	0	115	0	115	7153.73	112
Aug 2010	65	121	4	125	0	125	0	125	7153.73	112
Sep 2010	39	113	3	116	0	116	0	116	7153.73	112
WY 2010	1032	942	86	1028	0	1028	0	1028		
Oct 2010	38	80	3	83	0	83	0	83	7153.73	112

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Crystal Reservoir

	unreg Inflow 1000 Ac-Ft	Morrow Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Tunnel Flow 1000 Ac-Ft	Below_tunnel Flow 1000 Ac-Ft
* Nov 2007	32	63	4	67	66	0	66	6748.78	16	1	70
H Dec 2007	35	62	5	67	68	0	68	6742.95	14	1	73
I Jan 2008	34	87	5	91	77	13	90	6748.45	16	1	94
S Feb 2008	30	99	4	103	72	31	103	6749.17	16	1	108
T Mar 2008	41	45	6	52	52	0	52	6749.59	16	1	54
O Apr 2008	124	153	16	168	127	40	168	6751.31	16	23	150
R May 2008	388	278	45	323	130	191	321	6760.22	19	54	275
I Jun 2008	484	180	52	232	118	116	234	6753.95	17	47	196
C Jul 2008	191	108	13	121	123	0	123	6747.80	15	62	72
A Aug 2008	75	117	5	122	123	0	123	6742.41	14	66	65
L Sep 2008	38	115	3	118	118	0	118	6741.71	14	61	62
WY 2008	1520	1392	162	1554	1164	391	1555			356	1274
* Oct 2008	36	86	3	89	89	0	89	6744.34	15	54	0
Nov 2008	37	34	5	39	37	0	37	6753.04	17	0	37
Dec 2008	31	44	4	48	48	0	48	6753.04	17	0	48
Jan 2009	31	70	4	74	74	0	74	6753.04	17	0	74
Feb 2009	32	77	4	81	81	0	81	6753.04	17	0	81
Mar 2009	51	85	8	93	93	0	93	6753.04	17	5	88
Apr 2009	107	104	14	118	118	0	118	6753.04	17	30	88
May 2009	280	99	35	134	134	0	134	6753.04	17	55	79
Jun 2009	372	86	44	130	130	0	130	6753.04	17	60	70
Jul 2009	135	110	15	125	125	0	125	6753.04	17	65	60
Aug 2009	76	125	9	134	134	0	134	6753.04	17	65	69
Sep 2009	49	111	8	119	119	0	119	6753.04	17	55	64
WY 2009	1237	1031	153	1184	1180	0	1181			389	757
Oct 2009	44	83	7	89	89	0	89	6753.04	17	30	59
Nov 2009	38	52	5	57	57	0	57	6753.04	17	0	57
Dec 2009	32	76	5	81	81	0	81	6753.04	17	0	81
Jan 2010	31	75	5	80	80	0	80	6753.04	17	0	80
Feb 2010	29	65	4	69	69	0	69	6753.04	17	0	69
Mar 2010	46	66	7	73	73	0	73	6753.04	17	5	68
Apr 2010	96	75	12	87	87	0	87	6753.04	17	30	57
May 2010	272	90	35	125	125	0	125	6753.04	17	55	70
Jun 2010	330	90	38	128	128	0	128	6753.04	17	60	68
Jul 2010	144	115	17	132	132	0	132	6753.04	17	65	67
Aug 2010	74	125	8	133	133	0	133	6753.04	17	65	68
Sep 2010	45	116	6	122	122	0	122	6753.04	17	55	67
WY 2010	1183	1028	151	1179	1179	0	1179			365	814
Oct 2010	44	83	7	89	89	0	89	6753.04	17	30	59

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Vallecito Reservoir

		Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Nov 2007	7	4	7642.40	69
H	Dec 2007	8	3	7644.42	74
I	Jan 2008	6	4	7645.29	76
S	Feb 2008	6	17	7640.08	65
T	Mar 2008	11	36	7626.73	39
O	Apr 2008	33	29	7628.85	43
R	May 2008	77	38	7647.76	82
I	Jun 2008	84	43	7663.79	122
C	Jul 2008	32	40	7660.68	114
A	Aug 2008	15	39	7651.24	90
L	Sep 2008	11	31	7642.57	70
	WY 2008	305	315		
*	Oct 2008	9	14	7640.18	65
	Nov 2008	5	6	7639.66	64
	Dec 2008	5	5	7639.82	64
	Jan 2009	5	5	7639.97	64
	Feb 2009	5	4	7640.33	65
	Mar 2009	8	5	7641.82	68
	Apr 2009	20	12	7645.28	76
	May 2009	70	43	7656.27	102
	Jun 2009	76	56	7663.89	122
	Jul 2009	28	43	7657.96	107
	Aug 2009	18	39	7649.11	85
	Sep 2009	18	31	7643.33	72
	WY 2009	267	262		
	Oct 2009	13	19	7640.44	65
	Nov 2009	8	7	7640.96	66
	Dec 2009	6	5	7641.56	68
	Jan 2010	5	5	7641.79	68
	Feb 2010	5	4	7641.93	68
	Mar 2010	8	5	7643.42	72
	Apr 2010	22	13	7647.24	80
	May 2010	69	43	7657.81	106
	Jun 2010	78	62	7663.53	121
	Jul 2010	31	43	7658.70	109
	Aug 2010	19	40	7650.19	87
	Sep 2010	17	31	7644.12	73
	WY 2010	281	276		
	Oct 2010	13	19	7641.26	67

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Navajo Reservoir

	Mod_Unreg Inflow 1000 Ac-Ft	Azetea Tunnel_Div 1000 Ac-Ft	Reg Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	NIIP Diversion 1000 ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Farm Flow 1000 Ac-Ft
* Nov 2007	19	0	17	1	1	43	6070.07	1482	57
H Dec 2007	46	0	40	1	0	42	6069.89	1479	67
I Jan 2008	26	0	24	1	0	47	6068.19	1456	69
S Feb 2008	38	0	48	1	0	122	6062.59	1381	160
T Mar 2008	147	6	167	2	6	219	6057.91	1321	284
O Apr 2008	242	27	218	2	21	156	6060.97	1360	240
R May 2008	328	45	243	4	31	149	6065.54	1420	303
I Jun 2008	307	49	214	4	39	221	6061.77	1370	411
C Jul 2008	82	14	74	4	40	32	6061.63	1369	103
A Aug 2008	31	3	51	4	36	40	6059.46	1341	58
L Sep 2008	31	2	49	3	22	45	6057.74	1319	57
WY 2008	1336	146	1204	28	206	1160			1887
* Oct 2008	29	0	34	2	11	33	6056.83	1308	44
Nov 2008	16	0	17	1	1	30	6055.64	1293	30
Dec 2008	15	0	15	1	1	31	6054.19	1276	31
Jan 2009	20	0	20	1	1	31	6053.13	1263	31
Feb 2009	33	0	32	1	1	28	6053.35	1265	28
Mar 2009	102	1	98	2	4	31	6058.35	1327	31
Apr 2009	166	15	143	3	17	30	6065.62	1421	30
May 2009	287	34	226	4	29	85	6073.45	1529	85
Jun 2009	245	28	196	5	44	147	6073.47	1529	147
Jul 2009	61	4	72	5	47	31	6072.74	1519	31
Aug 2009	36	2	55	4	39	31	6071.39	1500	31
Sep 2009	44	1	56	3	22	30	6071.47	1501	30
WY 2009	1054	85	964	29	218	536			547
Oct 2009	38	2	42	2	7	31	6071.64	1503	31
Nov 2009	33	0	31	1	1	30	6071.62	1503	30
Dec 2009	24	0	23	1	1	31	6070.92	1493	31
Jan 2010	22	0	21	1	1	31	6070.12	1482	31
Feb 2010	30	0	30	1	1	28	6070.12	1482	28
Mar 2010	88	2	83	2	4	31	6073.42	1529	31
Apr 2010	174	16	149	3	17	34	6079.96	1624	34
May 2010	279	33	219	4	29	200	6079.02	1610	200
Jun 2010	246	29	202	5	44	212	6074.94	1550	212
Jul 2010	74	7	79	5	47	31	6074.68	1547	31
Aug 2010	43	3	61	4	39	31	6073.78	1534	31
Sep 2010	42	1	55	3	22	30	6073.77	1534	30
WY 2010	1094	93	995	31	214	718			718
Oct 2010	38	0	44	2	7	31	6074.05	1538	31

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Lake Powell

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	PowerPlant Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Bank Storage 1000 Ac-Ft	EOM Storage 1000 Ac-Ft	Lees Ferry 1000 Ac-Ft
*	Nov 2007	397	472	31	603	0	603	3598.63	18485	11620	615
H	Dec 2007	398	456	24	803	0	803	3594.64	18488	11246	814
I	Jan 2008	336	419	7	801	0	801	3590.66	18464	10880	813
S	Feb 2008	412	588	8	602	0	602	3590.66	18442	10880	612
T	Mar 2008	589	714	13	737	93	830	3589.77	18393	10800	850
O	Apr 2008	1003	982	21	678	0	678	3594.09	18280	11195	691
R	May 2008	2644	2328	27	790	0	790	3610.81	18174	12812	807
I	Jun 2008	3568	3292	49	791	0	791	3631.05	18467	14971	810
C	Jul 2008	1691	1412	63	865	0	865	3633.00	18730	15192	887
A	Aug 2008	477	584	62	890	0	890	3629.55	18751	14803	914
L	Sep 2008	374	539	56	723	0	723	3626.90	18804	14509	738
	WY 2008	12356	12327	396	8885	93	8978				9165
*	Oct 2008	372	489	38	749	0	749	3623.82	18842	14172	0
	Nov 2008	375	410	34	600	0	600	3621.90	18826	13965	600
	Dec 2008	350	428	28	800	0	800	3618.41	18796	13595	800
	Jan 2009	325	425	21	800	0	800	3614.89	18767	13229	800
	Feb 2009	399	461	19	600	0	600	3613.47	18755	13082	600
	Mar 2009	629	559	24	600	0	600	3612.88	18750	13022	600
	Apr 2009	866	686	27	600	0	600	3613.41	18755	13077	600
	May 2009	2147	1765	38	600	0	600	3623.34	18838	14120	600
	Jun 2009	2866	2372	46	650	0	650	3637.17	18962	15671	650
	Jul 2009	1306	1212	55	813	0	813	3639.89	18988	15990	813
	Aug 2009	524	622	56	818	0	818	3637.90	18969	15756	818
	Sep 2009	420	538	48	600	0	600	3637.02	18961	15654	600
	WY 2009	10579	9965	433	8230	0	8230				7481
	Oct 2009	506	588	44	600	0	600	3636.57	18957	15602	600
	Nov 2009	523	580	36	600	0	600	3636.13	18952	15550	600
	Dec 2009	418	532	30	800	0	800	3633.72	18930	15274	800
	Jan 2010	384	496	22	800	0	800	3631.06	18906	14972	800
	Feb 2010	395	473	21	700	0	700	3629.01	18888	14742	700
	Mar 2010	628	595	26	700	0	700	3627.92	18878	14621	700
	Apr 2010	952	784	29	800	0	800	3627.54	18875	14579	800
	May 2010	2161	1916	40	1000	0	1000	3634.74	18940	15390	1000
	Jun 2010	2808	2391	48	1125	0	1125	3644.31	19030	16518	1125
	Jul 2010	1345	1235	56	1262	0	1262	3643.67	19024	16441	1262
	Aug 2010	566	669	57	1263	0	1263	3638.61	18976	15839	1263
	Sep 2010	459	596	49	600	0	600	3638.19	18972	15790	600
	WY 2010	11147	10856	459	10250	0	10250				10250
	Oct 2010	506	603	44	600	0	600	3637.86	18969	15752	600

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Hoover Dam - Lake Mead

	Glen Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release CFS	SNWP Use 1000 Ac-Ft	Dwnstrm Reqmnts 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
* Nov 2007	603	67	48	576	9.7	19	575	814	1111.22	12520
H Dec 2007	803	95	42	477	7.8	17	467	836	1114.81	12860
I Jan 2008	801	89	34	672	10.9	15	659	846	1116.46	13017
S Feb 2008	602	147	32	659	11.5	11	658	849	1116.93	13062
T Mar 2008	830	117	35	1025	16.7	18	1023	841	1115.65	12940
O Apr 2008	678	40	44	1159	19.5	24	1155	810	1110.61	12463
R May 2008	790	50	49	1113	18.1	30	1110	789	1107.05	12132
I Jun 2008	791	45	59	949	15.9	31	949	776	1104.98	11941
C Jul 2008	865	63	73	876	14.2	34	874	773	1104.42	11890
A Aug 2008	890	96	78	804	13.1	34	789	777	1105.13	11955
L Sep 2008	723	77	64	652	11.0	23	642	781	1105.76	12013
WY 2008	8978	916	606	9531		282	9464			
* Oct 2008	749	46	47	508	8.3	25	498	794	1107.94	12213
Nov 2008	600	68	47	677	11.4	15	677	790	1107.22	12147
Dec 2008	800	61	41	446	7.3	9	446	812	1110.91	12491
Jan 2009	800	126	34	693	11.3	12	693	823	1112.77	12666
Feb 2009	600	116	31	668	12.0	12	668	824	1112.81	12670
Mar 2009	600	87	35	951	15.5	16	951	804	1109.66	12374
Apr 2009	600	74	42	1083	18.2	22	1083	775	1104.85	11929
May 2009	600	65	48	1028	16.7	35	1028	748	1100.22	11511
Jun 2009	650	16	57	844	14.2	34	844	732	1097.39	11258
Jul 2009	813	57	71	919	15.0	33	919	722	1095.77	11115
Aug 2009	818	115	75	828	13.5	30	828	723	1095.77	11116
Sep 2009	600	79	61	705	11.8	33	705	715	1094.49	11003
WY 2009	8230	909	589	9350		276	9340			
Oct 2009	600	68	45	451	7.3	31	451	724	1096.00	11136
Nov 2009	600	68	45	568	9.6	23	568	726	1096.33	11165
Dec 2009	800	61	39	578	9.4	11	578	740	1098.80	11384
Jan 2010	800	126	32	695	11.3	12	695	751	1100.76	11559
Feb 2010	700	116	30	669	12.1	12	669	758	1101.85	11657
Mar 2010	700	87	33	950	15.5	16	950	745	1099.62	11457
Apr 2010	800	74	41	1081	18.2	22	1081	728	1096.77	11204
May 2010	1000	65	47	1026	16.7	35	1026	726	1096.32	11164
Jun 2010	1125	16	57	843	14.2	34	843	738	1098.53	11359
Jul 2010	1262	57	72	917	14.9	33	917	757	1101.65	11639
Aug 2010	1263	115	77	825	13.4	30	825	784	1106.24	12057
Sep 2010	600	79	64	703	11.8	33	703	776	1105.00	11944
WY 2010	10250	931	581	9306		293	9306			
Oct 2010	600	68	47	450	7.3	31	450	785	1106.44	12075

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Davis Dam - Lake Mohave

		Hoover Release 1000 Ac-Ft	Side inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Spill Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release CFS	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
*	Nov 2007	576	-17	516	0	516	8.7	635.89	1509
H	Dec 2007	477	-24	396	0	396	6.4	638.03	1565
I	Jan 2008	672	-27	547	0	547	8.9	641.68	1663
S	Feb 2008	659	-12	717	0	717	12.5	639.09	1593
T	Mar 2008	1025	-26	974	0	974	15.8	640.01	1618
O	Apr 2008	1159	-23	1104	0	1104	18.6	641.20	1650
R	May 2008	1113	-45	993	0	993	16.2	643.95	1725
I	Jun 2008	949	-34	932	0	932	15.7	643.36	1709
C	Jul 2008	876	-23	896	0	896	14.6	641.79	1666
A	Aug 2008	804	-26	798	0	798	13.0	641.06	1646
L	Sep 2008	652	-15	698	0	698	11.7	638.80	1585
	WY 2008	9531	-285	9206	0	9206			
*	Oct 2008	508	-18	632	0	632	10.3	633.37	1444
	Nov 2008	677	-16	619	0	619	10.4	635.00	1486
	Dec 2008	446	-19	330	0	330	5.4	638.70	1583
	Jan 2009	693	-20	590	0	590	9.6	641.80	1666
	Feb 2009	668	-14	654	0	654	11.8	641.80	1666
	Mar 2009	951	-25	892	0	892	14.5	643.05	1700
	Apr 2009	1083	-30	1054	0	1054	17.7	643.01	1699
	May 2009	1028	-33	995	0	995	16.2	643.01	1699
	Jun 2009	844	-27	845	0	845	14.2	642.00	1671
	Jul 2009	919	-25	908	0	908	14.8	641.50	1658
	Aug 2009	828	-25	803	0	803	13.1	641.50	1658
	Sep 2009	705	-18	780	0	780	13.1	638.00	1564
	WY 2009	9350	-269	9102	0	9102			
	Oct 2009	451	-2	579	0	579	9.4	633.00	1434
	Nov 2009	568	-16	527	0	527	8.9	634.00	1460
	Dec 2009	578	-19	436	0	436	7.1	638.71	1583
	Jan 2010	695	-20	591	0	591	9.6	641.80	1666
	Feb 2010	669	-14	655	0	655	11.8	641.80	1666
	Mar 2010	950	-25	891	0	891	14.5	643.05	1700
	Apr 2010	1081	-30	1052	0	1052	17.7	643.01	1699
	May 2010	1026	-33	993	0	993	16.2	643.01	1699
	Jun 2010	843	-27	843	0	843	14.2	642.00	1671
	Jul 2010	917	-25	905	0	905	14.7	641.50	1658
	Aug 2010	825	-25	800	0	800	13.0	641.50	1658
	Sep 2010	703	-18	779	0	779	13.1	638.00	1564
	WY 2010	9306	-253	9053	0	9053			
	Oct 2010	450	-2	578	0	578	9.4	633.00	1434

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Parker Dam - Lake Havasu

	Davis Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	MWD Diversion 1000 Ac-Ft	CAP diversion 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft	Flow_to Mexico 1000 Ac-Ft	Flow_to Mexico 1000 CFS
* Nov 2007	516	3	336	5.6	29	147	447.65	573	103	1.7
H Dec 2007	396	10	270	4.4	35	118	446.77	557	126	2.1
I Jan 2008	547	5	306	5.0	82	167	446.67	555	132	2.1
S Feb 2008	717	-11	486	8.4	67	157	446.44	551	155	2.7
T Mar 2008	974	-15	744	12.1	46	168	446.47	551	205	3.3
O Apr 2008	1104	-10	838	14.1	76	166	447.25	566	202	3.4
R May 2008	993	-11	684	11.1	97	172	448.84	596	113	1.8
I Jun 2008	932	-25	691	11.6	94	126	448.62	592	115	1.9
C Jul 2008	896	-18	728	11.8	87	78	447.86	577	122	2.0
A Aug 2008	798	-2	635	10.3	82	65	448.54	590	109	1.8
L Sep 2008	698	-9	519	8.7	82	94	448.19	584	99	1.7
WY 2008	9206	-79	6692		804	1623			1560	
* Oct 2008	632	3	452	7.4	77	136	446.55	553	84	1.4
Nov 2008	619	11	382	6.4	55	169	447.80	576	103	1.7
Dec 2008	330	10	308	5.0	42	15	446.50	552	118	1.9
Jan 2009	590	23	347	5.6	93	173	446.50	552	119	1.9
Feb 2009	654	32	443	8.0	88	155	446.50	552	154	2.8
Mar 2009	892	31	693	11.3	54	171	446.70	555	204	3.3
Apr 2009	1054	-4	760	12.8	88	165	448.71	594	200	3.4
May 2009	995	-14	721	11.7	94	166	448.71	594	109	1.8
Jun 2009	845	-24	675	11.3	91	55	448.71	594	113	1.9
Jul 2009	908	-17	728	11.8	93	84	448.00	580	119	1.9
Aug 2009	803	-11	629	10.2	93	79	447.50	571	93	1.5
Sep 2009	780	-12	563	9.5	91	128	446.81	557	89	1.5
WY 2009	9102	26	6700		958	1496			1506	
Oct 2009	579	3	468	7.6	33	91	446.31	548	74	1.2
Nov 2009	527	11	380	6.4	31	124	446.50	552	103	1.7
Dec 2009	436	10	314	5.1	9	123	446.50	552	122	2.0
Jan 2010	591	23	346	5.6	93	176	446.50	552	119	1.9
Feb 2010	655	32	442	8.0	88	157	446.50	552	154	2.8
Mar 2010	891	31	690	11.2	54	174	446.70	555	204	3.3
Apr 2010	1052	-4	755	12.7	88	167	448.71	594	200	3.4
May 2010	993	-14	717	11.7	94	168	448.71	594	109	1.8
Jun 2010	843	-24	673	11.3	91	56	448.71	594	113	1.9
Jul 2010	905	-17	724	11.8	93	85	448.00	580	119	1.9
Aug 2010	800	-11	625	10.2	93	81	447.50	571	93	1.5
Sep 2010	779	-12	560	9.4	91	130	446.81	557	89	1.5
WY 2010	9053	26	6693		856	1530			1500	
Oct 2010	578	3	465	7.6	33	92	446.31	548	74	1.2

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Hoover Dam - Lake Mead

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Hoover Static Head Feet	Hoover Generator Capacity MW	Hoover Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Nov 2007	575	9.7	1111.22	12520	25	0.00	1056.0	225.1	62	391.4
H	Dec 2007	477	7.8	1114.81	12860	340	0.00	1074.0	183.5	63	385.0
I	Jan 2008	672	10.9	1116.46	13017	158	0.00	1175.0	268.3	69	399.2
S	Feb 2008	659	11.5	1116.93	13062	45	0.00	1101.0	266.5	63	404.5
T	Mar 2008	1025	16.7	1115.65	12940	-123	0.00	1212.0	420.7	70	410.6
O	Apr 2008	1159	19.5	1110.61	12463	-477	0.00	1393.0	475.9	81	410.7
R	May 2008	1113	18.1	1107.05	12132	-331	0.00	1482.0	445.7	87	400.5
I	Jun 2008	949	15.9	1104.98	11941	-190	0.00	1694.0	371.6	100	391.7
C	Jul 2008	876	14.2	1104.42	11890	-51	0.00	1672.0	344.2	100	392.8
A	Aug 2008	804	13.1	1105.13	11955	65	0.00	1678.0	316.2	100	393.1
L	Sep 2008	652	11.0	1105.76	12013	58	0.00	1677.0	252.9	100	387.9
	WY 2008	9530							3790.6		
*	Oct 2008	508	8.3	1107.94	12213	201	0.00	1038.0	188.5	61	370.8
	Nov 2008	677	11.4	1107.22	12147	-66	464.60	926.0	284.6	55	420.6
	Dec 2008	446	7.3	1110.91	12491	343	461.39	1397.0	179.6	82	402.8
	Jan 2009	693	11.3	1112.77	12666	176	462.66	1292.0	285.2	75	411.5
	Feb 2009	668	12.0	1112.81	12670	3	464.06	1066.0	281.1	62	420.6
	Mar 2009	951	15.5	1109.66	12374	-296	459.85	1409.0	396.3	82	416.8
	Apr 2009	1083	18.2	1104.85	11929	-445	456.11	1295.0	453.8	76	419.1
	May 2009	1028	16.7	1100.22	11511	-419	448.88	1679.0	412.1	100	400.8
	Jun 2009	844	14.2	1097.39	11258	-252	445.49	1675.0	342.1	100	405.2
	Jul 2009	919	15.0	1095.77	11115	-143	443.78	1675.0	365.7	100	397.8
	Aug 2009	828	13.5	1095.77	11116	0	443.14	1684.0	331.7	100	400.9
	Sep 2009	705	11.8	1094.49	11003	-112	443.64	1677.0	278.4	100	395.1
	WY 2009	9350							3799.1		
	Oct 2009	451	7.3	1096.00	11136	132	449.18	1171.0	179.0	69	396.7
	Nov 2009	568	9.6	1096.33	11165	29	450.38	1383.0	226.0	82	397.6
	Dec 2009	578	9.4	1098.80	11384	219	448.93	1597.0	227.7	94	394.0
	Jan 2010	695	11.3	1100.76	11559	176	449.32	1491.0	277.1	87	398.9
	Feb 2010	669	12.1	1101.85	11657	98	450.32	1419.0	270.5	83	404.0
	Mar 2010	950	15.5	1099.62	11457	-200	450.71	1194.0	392.5	70	413.1
	Apr 2010	1081	18.2	1096.77	11204	-253	447.11	1295.0	444.4	76	411.2
	May 2010	1026	16.7	1096.32	11164	-40	442.94	1679.0	406.1	100	395.7
	Jun 2010	843	14.2	1098.53	11359	196	444.12	1675.0	340.4	100	404.0
	Jul 2010	917	14.9	1101.65	11639	280	447.26	1675.0	367.1	100	400.5
	Aug 2010	825	13.4	1106.24	12057	418	451.25	1684.0	336.0	100	407.4
	Sep 2010	703	11.8	1105.00	11944	-113	454.06	1677.0	283.4	100	403.1
	WY 2010	9306							3750.2		
	Oct 2010	450	7.3	1106.44	12075	132	459.61	1171.0	181.6	69	403.7

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Davis Dam - Lake Mohave

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Davis Static Head Feet	Davis Generator Capacity MW	Davis Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Nov 2007	516	8.7	635.89	1509	43	0.00	171.0	61.8	67	119.8
H	Dec 2007	396	6.4	638.03	1565	56	0.00	181.0	48.9	71	123.4
I	Jan 2008	547	8.9	641.68	1663	98	0.00	157.9	67.9	62	124.1
S	Feb 2008	717	12.5	639.09	1593	-70	0.00	191.7	88.7	75	123.8
T	Mar 2008	974	15.8	640.01	1618	25	0.00	227.0	120.5	89	123.7
O	Apr 2008	1104	18.6	641.20	1650	32	0.00	255.0	135.8	100	123.0
R	May 2008	993	16.2	643.95	1725	75	0.00	255.0	123.5	100	124.4
I	Jun 2008	932	15.7	643.36	1709	-16	0.00	255.0	117.8	100	126.5
C	Jul 2008	896	14.6	641.79	1666	-43	0.00	255.0	111.7	100	124.6
A	Aug 2008	798	13.0	641.06	1646	-20	0.00	255.0	98.5	100	123.4
L	Sep 2008	698	11.7	638.80	1585	-61	0.00	255.0	86.5	100	123.9
	WY 2008	9206							1137.7		
*	Oct 2008	632	10.3	633.37	1444	-141	0.00	211.7	74.9	83	118.6
	Nov 2008	619	10.4	635.00	1486	42	128.84	186.2	73.6	73	118.9
	Dec 2008	330	5.4	638.70	1583	97	132.06	173.4	40.7	68	123.3
	Jan 2009	590	9.6	641.80	1666	83	136.13	158.1	73.5	62	124.7
	Feb 2009	654	11.8	641.80	1666	0	136.93	181.0	81.9	71	125.3
	Mar 2009	892	14.5	643.05	1700	34	136.27	224.4	111.4	88	124.9
	Apr 2009	1054	17.7	643.01	1699	-1	136.08	255.0	131.2	100	124.5
	May 2009	995	16.2	643.01	1699	0	136.05	255.0	124.3	100	124.9
	Jun 2009	845	14.2	642.00	1671	-28	135.52	255.0	105.7	100	125.1
	Jul 2009	908	14.8	641.50	1658	-14	134.73	255.0	112.8	100	124.2
	Aug 2009	803	13.1	641.50	1658	0	134.46	255.0	100.0	100	124.5
	Sep 2009	780	13.1	638.00	1564	-94	132.63	255.0	96.0	100	123.0
	WY 2009	9102							1126.1		
	Oct 2009	579	9.4	633.00	1434	-130	128.15	255.0	69.8	100	120.5
	Nov 2009	527	8.9	634.00	1460	26	126.54	237.2	62.7	93	118.9
	Dec 2009	436	7.1	638.71	1583	123	129.92	224.4	53.3	88	122.1
	Jan 2010	591	9.6	641.80	1666	83	134.24	216.8	73.7	85	124.7
	Feb 2010	655	11.8	641.80	1666	0	136.16	206.6	82.1	81	125.3
	Mar 2010	891	14.5	643.05	1700	34	135.44	255.0	111.3	100	124.9
	Apr 2010	1052	17.7	643.01	1699	-1	136.08	255.0	131.0	100	124.5
	May 2010	993	16.2	643.01	1699	0	136.05	255.0	124.1	100	124.9
	Jun 2010	843	14.2	642.00	1671	-28	135.52	255.0	105.5	100	125.1
	Jul 2010	905	14.7	641.50	1658	-14	134.73	255.0	112.5	100	124.2
	Aug 2010	800	13.0	641.50	1658	0	134.46	255.0	99.7	100	124.6
	Sep 2010	779	13.1	638.00	1564	-94	132.63	255.0	95.7	100	123.0
	WY 2010	9053							1121.2		
	Oct 2010	578	9.4	633.00	1434	-130	129.48	209.1	69.6	82	120.5

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Parker Dam - Lake Havasu

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Parker Static Head Feet	Parker Generator Capacity MW	Parker Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Nov 2007	336	5.6	447.65	573	7	0.00	79.0	23.0	66	68.7
H	Dec 2007	270	4.4	446.77	557	-16	0.00	79.0	17.9	66	66.5
I	Jan 2008	306	5.0	446.67	555	-2	0.00	85.2	20.3	71	66.5
S	Feb 2008	486	8.4	446.44	551	-4	0.00	90.0	32.6	75	67.2
T	Mar 2008	744	12.1	446.47	551	1	0.00	90.0	49.8	75	67.0
O	Apr 2008	838	14.1	447.25	566	14	0.00	90.0	55.0	75	65.6
R	May 2008	684	11.1	448.84	596	30	0.00	90.0	46.4	75	67.9
I	Jun 2008	691	11.6	448.62	592	-4	0.00	90.0	47.3	75	68.4
C	Jul 2008	728	11.8	447.86	577	-14	0.00	90.0	48.9	75	67.3
A	Aug 2008	635	10.3	448.54	590	13	0.00	105.6	41.9	88	66.0
L	Sep 2008	519	8.7	448.19	584	-7	0.00	91.2	38.6	76	74.3
	WY 2008	6692							453.4		
*	Oct 2008	452	7.4	446.55	553	-31	0.00	90.0	31.2	75	68.9
	Nov 2008	382	6.4	447.80	576	23	75.98	90.0	24.9	75	65.2
	Dec 2008	308	5.0	446.50	552	-25	76.21	85.2	19.8	71	64.3
	Jan 2009	347	5.6	446.50	552	0	75.32	90.0	22.3	75	64.2
	Feb 2009	443	8.0	446.50	552	0	75.32	90.0	29.0	75	65.4
	Mar 2009	693	11.3	446.70	555	4	74.16	116.4	45.1	97	65.0
	Apr 2009	760	12.8	448.71	594	38	75.09	120.0	50.1	100	65.9
	May 2009	721	11.7	448.71	594	0	76.06	120.0	48.0	100	66.5
	Jun 2009	675	11.3	448.71	594	0	76.06	120.0	44.9	100	66.5
	Jul 2009	728	11.8	448.00	580	-14	75.72	120.0	48.2	100	66.3
	Aug 2009	629	10.2	447.50	571	-10	75.13	120.0	41.2	100	65.6
	Sep 2009	563	9.5	446.81	557	-13	75.95	90.0	37.3	75	66.3
	WY 2009	6700							441.9		
	Oct 2009	468	7.6	446.31	548	-9	75.37	90.0	30.5	75	65.3
	Nov 2009	380	6.4	446.50	552	3	75.41	86.4	24.6	72	64.8
	Dec 2009	314	5.1	446.50	552	0	75.65	84.0	20.2	70	64.1
	Jan 2010	346	5.6	446.50	552	0	75.51	86.4	22.3	72	64.4
	Feb 2010	442	8.0	446.50	552	0	75.19	92.4	28.8	77	65.3
	Mar 2010	690	11.2	446.70	555	4	74.01	120.0	44.8	100	64.9
	Apr 2010	755	12.7	448.71	594	38	75.09	120.0	49.8	100	65.9
	May 2010	717	11.7	448.71	594	0	76.06	120.0	47.7	100	66.5
	Jun 2010	673	11.3	448.71	594	0	76.06	120.0	44.7	100	66.5
	Jul 2010	724	11.8	448.00	580	-14	75.72	120.0	48.0	100	66.3
	Aug 2010	625	10.2	447.50	571	-10	75.13	120.0	41.0	100	65.5
	Sep 2010	560	9.4	446.81	557	-13	74.55	120.0	36.3	100	64.9
	WY 2010	6693							438.7		
	Oct 2010	465	7.6	446.31	548	-9	74.43	109.2	29.9	91	64.4

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Upper Basin Power

		Glen Canyon 1000 MWHR	Flam Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Res 1000 MWHR	Font Res 1000 MWHR
*	Nov 2007	252	19	18	22	12	2
H	Dec 2007	334	15	19	22	13	3
I	Jan 2008	330	19	25	31	15	2
S	Feb 2008	247	18	26	35	14	2
T	Mar 2008	299	19	14	16	9	2
	Winter 2008	1717	110	122	151	77	16
O	Apr 2008	280	20	38	55	23	2
R	May 2008	333	39	52	92	23	4
I	Jun 2008	348	68	40	63	22	7
C	Jul 2008	390	36	31	39	23	9
A	Aug 2008	400	36	36	42	22	8
L	Sep 2008	323	34	34	41	21	5
	Summer 2008	2075	233	232	331	134	35
*	Oct 2008	0	0	0	0	0	0
	Nov 2008	248	24	9	12	6	5
	Dec 2008	329	29	12	16	8	5
	Jan 2009	327	29	20	25	13	4
	Feb 2009	244	22	21	28	14	4
	Mar 2009	243	18	23	31	16	4
	Winter 2009	1392	121	86	112	57	22
	Apr 2009	244	17	25	37	20	5
	May 2009	246	59	20	36	23	7
	Jun 2009	273	48	17	31	22	9
	Jul 2009	347	34	39	39	22	10
	Aug 2009	349	34	38	45	23	9
	Sep 2009	255	33	33	40	21	6
	Summer 2009	1714	226	173	229	131	45
	Oct 2009	255	34	24	30	15	7
	Nov 2009	254	33	15	19	10	6
	Dec 2009	338	34	22	28	14	6
	Jan 2010	337	34	21	27	14	6
	Feb 2010	293	31	18	24	12	5
	Mar 2010	292	34	18	24	13	5
	Winter 2010	1770	201	118	151	78	34
	Apr 2010	334	33	18	27	15	5
	May 2010	420	66	19	33	22	7
	Jun 2010	480	53	21	32	22	9
	Jul 2010	543	41	34	42	23	10
	Aug 2010	540	41	38	45	23	9
	Sep 2010	255	39	35	42	21	6
	Summer 2010	2572	274	165	220	126	46
	Oct 2010	255	41	24	30	15	6

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model_run_id = 2012

F L O O D C O N T R O L C R I T E R I A
B E G I N N I N G O F M O N T H C O N D I T I O N S

MON	YEAR	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	LAKE POWELL KAF	UPPER BASIN TOTAL KAF	LAKE MEAD KAF	TOTAL KAF	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	TOT OR MAX ALLOW KAF	LAKE POWELL KAF	LAKE MEAD KAF	TOTAL KAF	BOM SPACE REQD KAF	MEAD SCHED REL KAF	MEAD FC REL KAF	SYS CONT MAF
		* * * * P R E D I C T E D S P A C E * * * *							* * * * C R E D I T A B L E S P A C E * * * *								
NOV	2008	849	231	388	10148	11616	15167	26782	849	231	388	1468	10148	15167	26782	3810	677	0	33.5
DEC	2008	873	232	403	10355	11863	15233	27095	873	232	403	1508	10355	15233	27095	4580	446	0	33.5
JAN	2009	919	248	420	10725	12312	14889	27201	919	248	420	1587	10725	14889	27201	5350	693	0	33.2
									* * * * E F F E C T I V E S P A C E * * * *										
JAN	2009	919	248	420	10725	12312	14889	27201	498	248	405	1151	10725	14889	26765	5350	693	0	33.2
FEB	2009	965	290	433	11091	12779	14714	27493	543	290	416	1249	11091	14714	27054	1500	668	0	33.0
MAR	2009	986	336	431	11238	12990	14710	27700	561	336	412	1309	11238	14710	27257	1500	951	0	32.8
APR	2009	945	377	369	11298	12989	15006	27995	515	377	344	1236	11298	15006	27541	1500	1083	0	32.6
MAY	2009	867	390	275	11243	12775	15451	28225	429	390	231	1049	11243	15451	27744	1500	1028	0	33.5
JUN	2009	778	256	167	10200	11402	15869	27271	331	253	91	674	10200	15869	26744	1500	844	0	35.3
JUL	2009	568	39	167	8649	9423	16122	25544	104	10	41	156	8649	16122	24926	1500	919	0	35.5
									* * * * C R E D I T A B L E S P A C E * * * *										
AUG	2009	482	27	177	8330	9016	16265	25281	482	27	177	686	8330	16265	25281	1500	828	0	35.2
SEP	2009	500	76	196	8564	9336	16264	25600	500	76	196	772	8564	16264	25600	2270	705	0	34.7
OCT	2009	551	140	195	8666	9552	16377	25929	551	140	195	886	8666	16377	25929	3040	451	0	34.6
NOV	2009	593	182	193	8718	9685	16244	25929	593	182	193	967	8718	16244	25929	3810	568	0	34.5
DEC	2009	636	200	193	8770	9799	16215	26014	636	200	193	1029	8770	16215	26014	4580	578	0	34.5
JAN	2010	695	248	203	9046	10191	15996	26188	695	248	203	1145	9046	15996	26188	5350	695	0	34.3
									* * * * E F F E C T I V E S P A C E * * * *										
JAN	2010	695	248	203	9046	10191	15996	26188	412	248	203	863	9046	15996	25906	5350	695	0	34.3
FEB	2010	749	295	214	9348	10607	15821	26427	465	295	214	975	9348	15821	26143	1500	669	0	34.1
MAR	2010	791	334	214	9578	10916	15723	26639	505	334	214	1052	9578	15723	26353	1500	950	0	33.8
APR	2010	786	360	167	9699	11013	15923	26936	495	360	167	1023	9699	15923	26645	1500	1081	0	33.7
MAY	2010	742	350	72	9741	10904	16176	27081	444	350	56	850	9741	16176	26767	1500	1026	0	34.7
JUN	2010	669	217	86	8930	9902	16216	26119	362	215	37	615	8930	16216	25761	1500	843	0	36.4
JUL	2010	434	38	146	7802	8419	16021	24440	109	12	48	169	7802	16021	23992	1500	917	0	36.6
									* * * * C R E D I T A B L E S P A C E * * * *										
AUG	2010	343	27	149	7879	8398	15741	24140	343	27	149	520	7879	15741	24140	1500	825	0	36.4
SEP	2010	372	78	162	8481	9093	15323	24416	372	78	162	612	8481	15323	24416	2270	703	0	35.9
OCT	2010	432	147	162	8530	9272	15436	24708	432	147	162	742	8530	15436	24708	3040	450	0	35.8

To: All Annual Operating Plan Recipients

From: Lower Colorado Region
Boulder Canyon Operations Office
River Operations Group
Bruce Williams
P.O. Box 61470
Boulder City, NV 89006-1470
Phone: 702-293-8571

The operation of Lake Powell and Lake Mead in this 24 Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines). Pursuant to the Interim Guidelines, the Upper Elevation Balancing Tier is the operational tier for water year 2009 for Glen Canyon Dam. The Interim Guidelines are available for download at http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.

The December 24-month study projects that the annual release volume from Glen Canyon Dam for water year 2009 will likely be 8.23 million acre-feet (maf) consistent with Section 6.B.1 of the Interim Guidelines.

In this study, the Calendar Year (CY) 2008 diversion for Metropolitan Water District of Southern California (MWD) is forecasted to be 0.894 maf. The CY 2008 diversion for the Central Arizona Project (CAP) is forecasted to be 1.535 maf. Consumptive use for Nevada above Hoover is forecasted to be 0.263 maf for CY 2008.

Due to declining Lake Mead elevations, Hoover’s generator capacity is adjusted based on estimated effective capacity and plant availability. The estimated effective capacity is based on projected Lake Mead elevations. Unit capacity tests will be performed as the lake elevation changes in 2-foot increments. This study reflects these changes in the projections.

Current runoff projections into Lake Powell are provided by the National Weather Service’s Colorado Basin River Forecast Center and are as follows: Observed unregulated inflow into Lake Powell for the month of November 2008 was 0.413 maf or 75% of the 30 year average. The forecast for December 2008 unregulated inflow into Lake Powell is 0.350 maf or 80% of the 30 year average.

Hoover, Davis, and Parker historical gross energy figures come from PO&M reports provided by the Power and O&M Group, Boulder Canyon Operations Office, Bureau of Reclamation, Boulder City, Nevada. Questions regarding these historical energy numbers can be directed to Larry Karr at (702) 293-8094.

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T E M R E S E R V O I R S

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Fontenelle Reservoir

		Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Dec 2007	27	1	43	0	44	6476.19	147
H	Jan 2008	24	0	43	0	43	6472.00	128
I	Feb 2008	25	0	40	1	41	6468.13	111
S	Mar 2008	32	0	43	0	43	6465.20	100
T	Apr 2008	53	1	42	0	42	6467.95	111
O	May 2008	132	1	64	1	65	6481.73	177
R	Jun 2008	224	2	100	0	101	6499.83	298
I	Jul 2008	173	3	104	34	138	6503.99	330
C	Aug 2008	47	2	91	0	91	6497.83	283
A	Sep 2008	36	2	63	0	63	6493.80	254
	WY 2008	838	14	712	44	756		
L	Oct 2008	43	1	65	0	65	6490.51	231
*	Nov 2008	41	1	48	13	61	6487.43	211
	Dec 2008	31	1	60	0	60	6482.60	182
	Jan 2009	28	1	60	0	60	6476.47	149
	Feb 2009	25	0	54	0	54	6469.93	119
	Mar 2009	53	0	60	0	60	6468.08	111
	Apr 2009	90	1	83	0	83	6469.56	117
	May 2009	190	1	100	5	105	6485.88	201
	Jun 2009	301	2	104	99	202	6499.85	298
	Jul 2009	185	3	101	38	138	6505.51	342
	Aug 2009	84	2	92	0	92	6504.18	331
	Sep 2009	50	2	58	11	70	6501.42	310
	WY 2009	1121	15	886	165	1051		
	Oct 2009	49	1	72	0	72	6498.14	285
	Nov 2009	41	1	70	0	70	6494.04	256
	Dec 2009	32	1	72	0	72	6487.97	215
	Jan 2010	30	1	72	0	72	6480.92	172
	Feb 2010	27	1	65	0	65	6473.30	134
	Mar 2010	51	0	72	0	72	6468.41	112
	Apr 2010	89	1	83	0	83	6469.59	117
	May 2010	176	1	99	2	101	6484.16	191
	Jun 2010	308	2	103	93	196	6500.15	300
	Jul 2010	186	3	101	41	141	6505.54	342
	Aug 2010	83	2	92	0	92	6504.05	330
	Sep 2010	49	2	65	0	65	6501.66	312
	WY 2010	1120	15	966	136	1103		
	Oct 2010	49	1	70	0	70	6498.65	289
	Nov 2010	41	1	70	0	70	6494.52	259

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Flaming Gorge Reservoir

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Yampa Flow 1000 Ac-Ft	Jensen Flow 1000 Ac-Ft
*	Dec 2007	21	37	2	41	9	50	84	6021.40	3029	0	69
H	Jan 2008	24	43	2	50	0	50	84	6021.15	3020	0	63
I	Feb 2008	33	49	2	47	0	47	84	6021.15	3020	0	61
S	Mar 2008	59	70	3	50	0	50	84	6021.55	3035	0	141
T	Apr 2008	83	71	5	53	0	53	85	6021.85	3045	0	231
O	May 2008	176	110	7	101	0	101	85	6021.85	3045	0	793
R	Jun 2008	284	161	10	177	0	177	84	6021.15	3020	0	917
I	Jul 2008	188	153	12	93	0	93	86	6022.43	3066	0	306
C	Aug 2008	48	92	12	92	0	92	85	6022.11	3055	0	132
A	Sep 2008	40	67	10	89	0	89	84	6021.25	3024	0	126
	WY 2008	1023	943	75	893	10	903					3017
L	Oct 2008	45	67	7	71	0	71	83	6020.97	3014	0	119
*	Nov 2008	47	66	3	65	0	65	83	6020.91	3012	0	107
	Dec 2008	35	64	2	80	0	80	83	6020.45	2996	0	80
	Jan 2009	32	64	2	80	0	80	82	6019.98	2979	0	80
	Feb 2009	32	61	2	62	0	62	82	6019.92	2977	0	62
	Mar 2009	95	102	3	49	0	49	84	6021.28	3025	0	49
	Apr 2009	134	127	5	48	0	48	87	6023.28	3097	0	48
	May 2009	261	176	7	150	0	150	87	6023.77	3115	0	150
	Jun 2009	359	260	10	140	0	140	92	6026.62	3220	0	140
	Jul 2009	198	151	13	93	0	93	93	6027.77	3264	0	93
	Aug 2009	90	98	13	93	0	93	93	6027.59	3257	0	93
	Sep 2009	52	72	11	90	0	90	92	6026.84	3229	0	90
	WY 2009	1380	1310	78	1019	0	1019					1110
	Oct 2009	59	83	7	93	0	93	91	6026.40	3212	0	93
	Nov 2009	51	80	3	90	0	90	91	6026.06	3199	0	90
	Dec 2009	37	77	2	93	0	93	90	6025.60	3182	0	93
	Jan 2010	41	83	2	93	0	93	90	6025.30	3171	0	93
	Feb 2010	45	83	2	84	0	84	90	6025.23	3169	0	84
	Mar 2010	103	124	3	93	0	93	91	6025.96	3196	0	93
	Apr 2010	142	137	5	90	0	90	92	6027.04	3236	0	90
	May 2010	263	189	8	171	0	171	93	6027.30	3246	0	171
	Jun 2010	400	288	10	156	0	156	97	6030.37	3363	0	156
	Jul 2010	219	175	14	111	0	111	99	6031.61	3412	0	111
	Aug 2010	97	106	13	111	0	111	99	6031.18	3395	0	111
	Sep 2010	58	75	11	107	0	107	97	6030.11	3353	0	107
	WY 2010	1516	1499	80	1290	0	1290					1290
	Oct 2010	59	81	7	111	0	111	96	6029.17	3317	0	111
	Nov 2010	51	80	3	107	0	107	94	6028.41	3288	0	107

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Taylor Park Reservoir

		Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Dec 2007	5	5	9314.89	78
H	Jan 2008	5	4	9315.09	78
I	Feb 2008	4	4	9314.99	78
S	Mar 2008	4	7	9313.24	75
T	Apr 2008	7	19	9305.56	63
O	May 2008	36	29	9310.30	70
R	Jun 2008	65	40	9324.75	96
I	Jul 2008	29	34	9322.03	91
C	Aug 2008	12	23	9315.69	79
A	Sep 2008	8	15	9311.36	72
	WY 2008	186	192		
L	Oct 2008	7	7	9311.31	72
*	Nov 2008	5	5	9311.19	72
	Dec 2008	4	6	9310.20	70
	Jan 2009	4	6	9309.16	69
	Feb 2009	4	6	9307.59	66
	Mar 2009	4	6	9306.36	64
	Apr 2009	9	8	9307.02	65
	May 2009	30	18	9314.49	77
	Jun 2009	47	24	9327.03	100
	Jul 2009	19	22	9325.49	97
	Aug 2009	10	22	9319.07	85
	Sep 2009	8	15	9315.08	78
	WY 2009	151	145		
	Oct 2009	6	10	9312.75	74
	Nov 2009	5	6	9312.07	73
	Dec 2009	4	6	9311.10	72
	Jan 2010	4	6	9309.97	70
	Feb 2010	4	6	9308.52	68
	Mar 2010	4	6	9307.38	66
	Apr 2010	8	10	9306.27	64
	May 2010	27	14	9314.52	77
	Jun 2010	43	21	9326.49	99
	Jul 2010	20	21	9326.19	99
	Aug 2010	10	20	9320.93	89
	Sep 2010	7	15	9316.44	81
	WY 2010	143	141		
	Oct 2010	6	10	9314.15	77
	Nov 2010	5	6	9313.49	76

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Blue Mesa Reservoir

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Dec 2007	33	33	0	67	0	67	7489.90	581
H	Jan 2008	33	33	0	93	0	93	7481.92	520
I	Feb 2008	31	31	0	97	0	97	7472.73	454
S	Mar 2008	36	39	0	53	0	53	7470.50	439
T	Apr 2008	107	119	1	147	0	147	7466.24	411
O	May 2008	318	312	1	199	50	250	7475.27	472
R	Jun 2008	409	383	1	143	20	163	7503.56	691
I	Jul 2008	172	176	1	103	0	103	7511.87	762
C	Aug 2008	70	82	1	119	0	119	7507.44	724
A	Sep 2008	35	42	1	115	0	115	7498.61	650
	WY 2008	1324	1329	8	1287	70	1358		
L	Oct 2008	33	33	1	85	0	85	7492.14	598
*	Nov 2008	27	28	0	33	0	33	7491.42	592
	Dec 2008	25	27	0	37	0	37	7490.00	581
	Jan 2009	25	27	0	44	0	44	7487.69	563
	Feb 2009	21	23	0	54	0	54	7483.67	533
	Mar 2009	38	40	0	80	0	80	7478.14	493
	Apr 2009	79	78	1	90	0	90	7476.37	480
	May 2009	217	205	1	104	0	104	7489.81	580
	Jun 2009	298	275	1	55	0	55	7515.91	798
	Jul 2009	133	136	2	130	0	130	7516.40	803
	Aug 2009	64	76	1	124	0	124	7510.90	754
	Sep 2009	38	45	1	112	0	112	7502.94	686
	WY 2009	998	993	9	948	0	948		
	Oct 2009	35	39	1	80	0	80	7497.89	644
	Nov 2009	31	32	0	50	0	50	7495.60	626
	Dec 2009	25	27	0	71	0	71	7490.00	581
	Jan 2010	24	26	0	73	0	73	7483.79	534
	Feb 2010	22	24	0	62	0	62	7478.55	495
	Mar 2010	34	36	0	62	0	62	7474.83	469
	Apr 2010	73	75	1	64	0	64	7476.28	479
	May 2010	212	199	1	65	0	65	7493.92	612
	Jun 2010	271	249	1	69	0	69	7515.17	791
	Jul 2010	121	121	2	109	0	109	7516.40	802
	Aug 2010	62	72	1	121	0	121	7510.70	752
	Sep 2010	36	44	1	113	0	113	7502.52	682
	WY 2010	946	943	9	938	0	938		
	Oct 2010	35	39	1	80	0	80	7497.46	641
	Nov 2010	31	32	0	50	0	50	7495.16	622

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Morrow Point Reservoir

		Unreg Inflow 1000 Ac-Ft	Blue_Mesa Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Evap losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Dec 2007	31	67	-3	65	0	62	0	62	7152.91	111
H	Jan 2008	29	93	-4	89	0	87	0	87	7156.26	114
I	Feb 2008	26	97	-5	92	0	99	0	99	7146.95	107
S	Mar 2008	34	53	-2	52	0	45	0	45	7155.12	113
T	Apr 2008	109	147	1	148	0	153	0	153	7149.81	109
O	May 2008	343	250	25	275	0	255	24	278	7144.87	105
R	Jun 2008	432	163	23	186	0	177	4	180	7152.31	111
I	Jul 2008	178	103	6	109	0	108	0	108	7152.94	111
C	Aug 2008	71	119	0	120	0	117	0	117	7156.16	114
A	Sep 2008	35	115	0	115	0	115	0	115	7155.78	114
	WY 2008	1358	1358	34	1392	1	1365	27	1392		
L	Oct 2008	33	85	0	85	0	86	0	86	7153.95	112
*	Nov 2008	29	33	2	35	0	35	0	35	7153.60	112
	Dec 2008	27	37	2	40	0	39	0	39	7153.73	112
	Jan 2009	27	44	2	47	0	47	0	47	7153.73	112
	Feb 2009	24	54	3	56	0	56	0	56	7153.73	112
	Mar 2009	43	80	5	85	0	85	0	85	7153.73	112
	Apr 2009	93	90	14	104	0	104	0	104	7153.73	112
	May 2009	245	104	28	132	0	132	0	132	7153.73	112
	Jun 2009	328	55	30	85	0	85	0	85	7153.73	112
	Jul 2009	120	130	-13	117	0	117	0	117	7153.73	112
	Aug 2009	67	124	3	127	0	127	0	127	7153.73	112
	Sep 2009	41	112	3	115	0	115	0	115	7153.73	112
	WY 2009	1077	948	79	1027	0	1028	0	1028		
	Oct 2009	38	80	3	83	0	83	0	83	7153.73	112
	Nov 2009	33	50	2	52	0	52	0	52	7153.73	112
	Dec 2009	27	71	2	73	0	73	0	73	7153.73	112
	Jan 2010	26	73	2	75	0	75	0	75	7153.73	112
	Feb 2010	25	62	3	65	0	65	0	65	7153.73	112
	Mar 2010	38	62	4	66	0	66	0	66	7153.73	112
	Apr 2010	84	64	11	75	0	75	0	75	7153.73	112
	May 2010	237	65	25	90	0	90	0	90	7153.73	112
	Jun 2010	292	69	21	90	0	90	0	90	7153.73	112
	Jul 2010	127	109	7	115	0	115	0	115	7153.73	112
	Aug 2010	65	121	4	125	0	125	0	125	7153.73	112
	Sep 2010	39	113	3	116	0	116	0	116	7153.73	112
	WY 2010	1032	938	86	1025	0	1025	0	1025		
	Oct 2010	38	80	3	83	0	83	0	83	7153.73	112
	Nov 2010	33	50	2	52	0	52	0	52	7153.73	112

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Crystal Reservoir

		unreg Inflow 1000 Ac-Ft	Morrow Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Tunnel Flow 1000 Ac-Ft	Below_tunnel Flow 1000 Ac-Ft
*	Dec 2007	35	62	5	67	68	0	68	6742.95	14	1	73
H	Jan 2008	34	87	5	91	77	13	90	6748.45	16	1	94
I	Feb 2008	30	99	4	103	72	31	103	6749.17	16	1	108
S	Mar 2008	41	45	6	52	52	0	52	6749.59	16	1	54
T	Apr 2008	124	153	16	168	127	40	168	6751.31	16	23	150
O	May 2008	388	278	45	323	130	191	321	6760.22	19	54	275
R	Jun 2008	484	180	52	232	118	116	234	6753.95	17	47	196
I	Jul 2008	191	108	13	121	123	0	123	6747.80	15	62	72
C	Aug 2008	75	117	5	122	123	0	123	6742.41	14	66	65
A	Sep 2008	38	115	3	118	118	0	118	6741.71	14	61	62
	WY 2008	1520	1392	162	1554	1164	391	1555			356	1274
L	Oct 2008	36	86	3	89	89	0	89	6744.34	15	55	45
*	Nov 2008	33	35	4	38	39	0	39	6742.20	14	1	39
	Dec 2008	31	39	4	43	40	0	40	6753.04	17	0	40
	Jan 2009	31	47	4	50	50	0	50	6753.04	17	0	50
	Feb 2009	28	56	4	61	61	0	61	6753.04	17	0	61
	Mar 2009	51	85	8	93	93	0	93	6753.04	17	5	88
	Apr 2009	107	104	14	118	118	0	118	6753.04	17	30	88
	May 2009	280	132	35	167	134	33	167	6753.04	17	55	112
	Jun 2009	372	85	44	129	129	0	129	6753.04	17	60	69
	Jul 2009	135	117	15	132	132	0	132	6753.04	17	65	67
	Aug 2009	76	127	9	136	134	1	136	6753.04	17	65	71
	Sep 2009	49	115	8	123	123	0	123	6753.04	17	55	68
	WY 2009	1229	1028	152	1180	1143	34	1177			390	798
	Oct 2009	44	83	7	89	89	0	89	6753.04	17	30	59
	Nov 2009	38	52	5	57	57	0	57	6753.04	17	0	57
	Dec 2009	32	73	5	78	78	0	78	6753.04	17	0	78
	Jan 2010	31	75	5	80	80	0	80	6753.04	17	0	80
	Feb 2010	29	65	4	69	69	0	69	6753.04	17	0	69
	Mar 2010	46	66	7	73	73	0	73	6753.04	17	5	68
	Apr 2010	96	75	12	87	87	0	87	6753.04	17	30	57
	May 2010	272	90	35	125	125	0	125	6753.04	17	55	70
	Jun 2010	330	90	38	128	128	0	128	6753.04	17	60	68
	Jul 2010	144	115	17	132	132	0	132	6753.04	17	65	67
	Aug 2010	74	125	8	133	133	0	133	6753.04	17	65	68
	Sep 2010	45	116	6	122	122	0	122	6753.04	17	55	67
	WY 2010	1183	1025	151	1175	1175	0	1175			365	810
	Oct 2010	44	83	7	89	89	0	89	6753.04	17	30	59
	Nov 2010	38	52	5	57	57	0	57	6753.04	17	0	57

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Vallecito Reservoir

		Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Dec 2007	8	3	7644.42	74
H	Jan 2008	6	4	7645.29	76
I	Feb 2008	6	17	7640.08	65
S	Mar 2008	11	36	7626.73	39
T	Apr 2008	33	29	7628.85	43
O	May 2008	77	38	7647.76	82
R	Jun 2008	84	43	7663.79	122
I	Jul 2008	32	40	7660.68	114
C	Aug 2008	15	39	7651.24	90
A	Sep 2008	11	31	7642.57	70
	WY 2008	305	315		
L	Oct 2008	9	14	7640.18	65
*	Nov 2008	5	2	7641.75	68
	Dec 2008	5	5	7641.90	68
	Jan 2009	5	5	7642.05	69
	Feb 2009	5	4	7642.17	69
	Mar 2009	8	5	7643.63	72
	Apr 2009	20	12	7647.01	80
	May 2009	70	43	7657.82	106
	Jun 2009	76	60	7663.87	122
	Jul 2009	28	43	7657.95	107
	Aug 2009	18	39	7649.09	85
	Sep 2009	18	31	7643.31	71
	WY 2009	267	262		
	Oct 2009	13	19	7640.42	65
	Nov 2009	8	7	7640.94	66
	Dec 2009	6	5	7641.54	68
	Jan 2010	5	5	7641.77	68
	Feb 2010	5	4	7641.91	68
	Mar 2010	8	5	7643.40	72
	Apr 2010	22	13	7647.22	80
	May 2010	69	43	7657.79	106
	Jun 2010	78	62	7663.51	121
	Jul 2010	31	43	7658.68	109
	Aug 2010	19	40	7650.17	87
	Sep 2010	17	31	7644.10	73
	WY 2010	281	276		
	Oct 2010	13	19	7641.24	67
	Nov 2010	8	7	7641.75	68

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Navajo Reservoir

	Mod_Unreg Inflow 1000 Ac-Ft	Azetea Tunnel_Div 1000 Ac-Ft	Reg Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	NIIP Diversion 1000 ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Farm Flow 1000 Ac-Ft
* Dec 2007	46	0	40	1	0	42	6069.89	1479	67
H Jan 2008	26	0	24	1	0	47	6068.19	1456	69
I Feb 2008	38	0	48	1	0	122	6062.59	1381	160
S Mar 2008	147	6	167	2	6	219	6057.91	1321	284
T Apr 2008	242	27	218	2	21	156	6060.97	1360	240
O May 2008	328	45	243	4	31	149	6065.54	1420	303
R Jun 2008	307	49	214	4	39	221	6061.77	1370	411
I Jul 2008	82	14	74	4	40	32	6061.63	1369	103
C Aug 2008	31	3	51	4	36	40	6059.46	1341	58
A Sep 2008	31	2	49	3	22	45	6057.74	1319	57
WY 2008	1336	146	1204	28	206	1160			1887
L Oct 2008	29	0	34	2	11	33	6056.83	1308	45
* Nov 2008	21	0	17	1	0	30	6055.68	1294	47
Dec 2008	13	0	13	1	1	31	6054.06	1274	31
Jan 2009	16	0	16	1	1	31	6052.67	1257	31
Feb 2009	20	0	20	1	1	28	6051.85	1247	28
Mar 2009	102	1	98	2	4	31	6056.91	1309	31
Apr 2009	166	15	143	2	17	30	6064.27	1403	30
May 2009	287	34	226	4	29	85	6072.18	1511	85
Jun 2009	245	28	200	5	44	147	6072.49	1515	147
Jul 2009	61	4	72	5	47	31	6071.76	1505	31
Aug 2009	36	2	55	4	39	31	6070.40	1486	31
Sep 2009	44	1	56	3	22	30	6070.48	1487	30
WY 2009	1039	85	949	29	217	536			565
Oct 2009	38	2	42	2	7	31	6070.66	1490	31
Nov 2009	33	0	31	1	1	30	6070.63	1489	30
Dec 2009	24	0	23	1	1	31	6069.93	1480	31
Jan 2010	22	0	21	1	1	31	6069.12	1468	31
Feb 2010	30	0	30	1	1	28	6069.13	1469	28
Mar 2010	88	2	83	2	4	31	6072.45	1515	31
Apr 2010	174	16	149	3	17	34	6079.05	1611	34
May 2010	279	33	219	4	29	200	6078.09	1596	200
Jun 2010	246	29	202	5	44	212	6073.99	1537	212
Jul 2010	74	7	79	5	47	31	6073.73	1533	31
Aug 2010	43	3	61	4	39	31	6072.83	1520	31
Sep 2010	42	1	55	3	22	30	6072.82	1520	30
WY 2010	1094	93	995	31	214	718			718
Oct 2010	38	0	44	2	7	31	6073.10	1524	31
Nov 2010	33	0	32	1	1	30	6073.08	1524	30

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Lake Powell

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	PowerPlant Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Bank Storage 1000 Ac-Ft	EOM Storage 1000 Ac-Ft	Lees Ferry 1000 Ac-Ft
*	Dec 2007	398	456	24	803	0	803	3594.64	18488	11246	814
H	Jan 2008	336	419	7	801	0	801	3590.66	18464	10880	813
I	Feb 2008	412	588	8	602	0	602	3590.66	18442	10880	612
S	Mar 2008	589	714	13	737	93	830	3589.77	18393	10800	850
T	Apr 2008	1003	982	21	678	0	678	3594.09	18280	11195	691
O	May 2008	2644	2328	27	790	0	790	3610.81	18174	12812	807
R	Jun 2008	3568	3292	49	791	0	791	3631.05	18467	14971	810
I	Jul 2008	1691	1412	63	865	0	865	3633.00	18730	15192	887
C	Aug 2008	477	584	62	890	0	890	3629.55	18751	14803	914
A	Sep 2008	373	539	56	723	0	723	3626.90	18803	14509	738
	WY 2008	12355	12326	396	8885	93	8978				9165
L	Oct 2008	372	488	38	749	0	749	3623.82	18841	14172	762
*	Nov 2008	413	450	36	603	0	603	3621.90	18859	13966	611
	Dec 2008	350	423	28	800	0	800	3618.36	18782	13591	800
	Jan 2009	325	408	21	800	0	800	3614.69	18752	13209	800
	Feb 2009	375	446	19	600	0	600	3613.13	18739	13048	600
	Mar 2009	629	559	24	600	0	600	3612.54	18734	12988	600
	Apr 2009	866	686	27	600	0	600	3613.08	18738	13043	600
	May 2009	2147	1784	38	600	0	600	3623.19	18823	14104	600
	Jun 2009	2866	2379	46	650	0	650	3637.09	18948	15662	650
	Jul 2009	1306	1218	55	812	0	812	3639.87	18974	15988	812
	Aug 2009	524	623	56	816	0	816	3637.90	18955	15757	816
	Sep 2009	420	541	48	600	0	600	3637.05	18948	15657	600
	WY 2009	10593	10005	436	8230	0	8230				8252
	Oct 2009	506	587	44	600	0	600	3636.60	18943	15605	600
	Nov 2009	523	579	36	600	0	600	3636.14	18939	15552	600
	Dec 2009	418	527	30	800	0	800	3633.70	18917	15271	800
	Jan 2010	384	495	22	800	0	800	3631.03	18892	14969	800
	Feb 2010	395	472	21	700	0	700	3628.98	18874	14738	700
	Mar 2010	628	594	26	700	0	700	3627.87	18864	14616	700
	Apr 2010	952	783	29	850	0	850	3627.07	18857	14527	850
	May 2010	2161	1905	40	1000	0	1000	3634.19	18921	15328	1000
	Jun 2010	2808	2401	48	1115	0	1115	3643.95	19013	16474	1115
	Jul 2010	1345	1235	56	1262	0	1262	3643.31	19007	16397	1262
	Aug 2010	566	669	57	1262	0	1262	3638.24	18959	15796	1262
	Sep 2010	459	596	48	600	0	600	3637.82	18955	15747	600
	WY 2010	11147	10844	458	10289	0	10289				10289
	Oct 2010	506	603	44	600	0	600	3637.50	18952	15710	600
	Nov 2010	523	596	36	600	0	600	3637.18	18949	15673	600

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Hoover Dam - Lake Mead

		Glen Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release CFS	SNWP Use 1000 Ac-Ft	Dwnstrm Reqmnts 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
*	Dec 2007	803	95	42	477	7.8	17	467	836	1114.81	12860
H	Jan 2008	801	88	34	672	10.9	14	659	846	1116.46	13017
I	Feb 2008	602	147	32	659	11.5	10	658	849	1116.93	13062
S	Mar 2008	830	116	35	1025	16.7	17	1023	841	1115.65	12940
T	Apr 2008	678	40	44	1159	19.5	24	1155	810	1110.61	12463
O	May 2008	790	49	49	1113	18.1	30	1110	789	1107.05	12132
R	Jun 2008	791	44	59	949	15.9	30	949	776	1104.98	11941
I	Jul 2008	865	63	73	876	14.2	33	874	773	1104.42	11890
C	Aug 2008	890	95	78	804	13.1	34	789	777	1105.13	11955
A	Sep 2008	723	77	64	652	11.0	22	642	781	1105.76	12013
	WY 2008	8978	913	606	9531		278	9464			
L	Oct 2008	749	47	47	508	8.3	26	498	794	1107.94	12213
*	Nov 2008	603	74	47	675	11.3	14	660	790	1107.33	12157
	Dec 2008	800	61	41	466	7.6	9	466	811	1110.81	12482
	Jan 2009	800	126	34	698	11.4	19	698	822	1112.57	12647
	Feb 2009	600	116	31	660	11.9	18	660	822	1112.63	12653
	Mar 2009	600	87	35	1001	16.3	26	1001	800	1108.88	12302
	Apr 2009	600	74	42	1087	18.3	23	1087	770	1104.01	11853
	May 2009	600	65	48	1012	16.5	32	1012	744	1099.57	11453
	Jun 2009	650	16	57	903	15.2	30	903	725	1096.16	11149
	Jul 2009	812	57	70	905	14.7	32	905	716	1094.68	11020
	Aug 2009	816	115	74	811	13.2	33	811	717	1094.80	11031
	Sep 2009	600	79	61	648	10.9	28	648	713	1094.17	10976
	WY 2009	8230	916	588	9374		289	9348			
	Oct 2009	600	68	45	484	7.9	37	484	720	1095.28	11072
	Nov 2009	600	68	45	603	10.1	25	603	719	1095.22	11067
	Dec 2009	800	61	39	484	7.9	20	484	739	1098.61	11367
	Jan 2010	800	126	32	638	10.4	19	638	753	1101.10	11589
	Feb 2010	700	116	30	633	11.4	18	633	762	1102.50	11716
	Mar 2010	700	87	33	962	15.7	26	962	747	1100.05	11495
	Apr 2010	850	74	41	1108	18.6	23	1108	732	1097.44	11263
	May 2010	1000	65	47	1033	16.8	32	1033	729	1096.94	11219
	Jun 2010	1115	16	57	924	15.5	30	924	737	1098.22	11332
	Jul 2010	1262	57	72	926	15.1	32	926	754	1101.26	11604
	Aug 2010	1262	115	77	817	13.3	33	817	782	1105.90	12026
	Sep 2010	600	79	64	675	11.3	28	675	776	1105.00	11944
	WY 2010	10289	931	581	9286		322	9286			
	Oct 2010	600	68	47	491	8.0	37	491	782	1105.95	12031
	Nov 2010	600	68	47	610	10.3	25	610	781	1105.80	12017

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Davis Dam - Lake Mohave

		Hoover Release 1000 Ac-Ft	Side inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Spill Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release CFS	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
*	Dec 2007	477	-24	396	0	396	6.4	638.03	1565
H	Jan 2008	672	-27	547	0	547	8.9	641.68	1663
I	Feb 2008	659	-12	717	0	717	12.5	639.09	1593
S	Mar 2008	1025	-26	974	0	974	15.8	640.01	1618
T	Apr 2008	1159	-23	1104	0	1104	18.6	641.20	1650
O	May 2008	1113	-45	993	0	993	16.2	643.95	1725
R	Jun 2008	949	-34	932	0	932	15.7	643.36	1709
I	Jul 2008	876	-23	896	0	896	14.6	641.79	1666
C	Aug 2008	804	-26	798	0	798	13.0	641.06	1646
A	Sep 2008	652	-15	698	0	698	11.7	638.80	1585
	WY 2008	9531	-285	9205	0	9205			
L	Oct 2008	508	-18	632	0	632	10.3	633.37	1444
*	Nov 2008	675	-23	603	0	603	10.1	635.28	1493
	Dec 2008	466	-19	357	0	357	5.8	638.70	1583
	Jan 2009	698	-20	589	0	589	9.6	642.00	1671
	Feb 2009	660	-14	651	0	651	11.7	641.80	1666
	Mar 2009	1001	-25	942	0	942	15.3	643.05	1700
	Apr 2009	1087	-30	1058	0	1058	17.8	643.01	1699
	May 2009	1012	-33	979	0	979	15.9	643.01	1699
	Jun 2009	903	-27	903	0	903	15.2	642.00	1671
	Jul 2009	905	-25	894	0	894	14.5	641.50	1658
	Aug 2009	811	-25	787	0	787	12.8	641.50	1658
	Sep 2009	648	-18	724	0	724	12.2	638.00	1564
	WY 2009	9374	-277	9118	0	9118			
	Oct 2009	484	-2	612	0	612	9.9	633.00	1434
	Nov 2009	603	-16	562	0	562	9.4	634.00	1460
	Dec 2009	484	-19	342	0	342	5.6	638.71	1583
	Jan 2010	638	-20	535	0	535	8.7	641.80	1666
	Feb 2010	633	-14	618	0	618	11.1	641.80	1666
	Mar 2010	962	-25	903	0	903	14.7	643.05	1700
	Apr 2010	1108	-30	1079	0	1079	18.1	643.01	1699
	May 2010	1033	-33	1000	0	1000	16.3	643.01	1699
	Jun 2010	924	-27	924	0	924	15.5	642.00	1671
	Jul 2010	926	-25	914	0	914	14.9	641.50	1658
	Aug 2010	817	-25	792	0	792	12.9	641.50	1658
	Sep 2010	675	-18	751	0	751	12.6	638.00	1564
	WY 2010	9286	-253	9033	0	9033			
	Oct 2010	491	-2	619	0	619	10.1	633.00	1434
	Nov 2010	610	-16	569	0	569	9.6	634.00	1460

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Parker Dam - Lake Havasu

		Davis Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	MWD Diversion 1000 Ac-Ft	CAP diversion 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft	Flow_to Mexico 1000 Ac-Ft	Flow_to Mexico 1000 CFS
*	Dec 2007	396	10	270	4.4	35	118	446.77	557	126	2.1
H	Jan 2008	547	5	306	5.0	82	167	446.67	555	132	2.1
I	Feb 2008	717	-11	486	8.4	67	157	446.44	551	155	2.7
S	Mar 2008	974	-15	744	12.1	46	168	446.47	551	205	3.3
T	Apr 2008	1104	-10	838	14.1	76	166	447.25	566	202	3.4
O	May 2008	993	-11	684	11.1	97	172	448.84	596	113	1.8
R	Jun 2008	932	-25	691	11.6	94	126	448.62	592	115	1.9
I	Jul 2008	896	-18	728	11.8	87	78	447.86	577	122	2.0
C	Aug 2008	798	-2	635	10.3	82	65	448.54	590	109	1.8
A	Sep 2008	698	-10	519	8.7	82	94	448.19	584	99	1.7
	WY 2008	9205	-80	6692		803	1623			1560	
L	Oct 2008	632	3	452	7.4	77	136	446.55	553	84	1.4
*	Nov 2008	603	16	379	6.4	53	168	447.54	571	118	2.0
	Dec 2008	357	10	298	4.8	51	38	446.50	552	118	1.9
	Jan 2009	589	23	346	5.6	93	173	446.50	552	119	1.9
	Feb 2009	651	32	450	8.1	76	156	446.50	552	154	2.8
	Mar 2009	942	31	717	11.7	84	167	446.70	555	204	3.3
	Apr 2009	1058	-4	770	12.9	81	165	448.71	594	200	3.4
	May 2009	979	-14	709	11.5	84	171	448.71	594	109	1.8
	Jun 2009	903	-24	672	11.3	81	126	448.71	594	113	1.9
	Jul 2009	894	-17	729	11.9	84	78	448.00	580	119	1.9
	Aug 2009	787	-11	636	10.3	84	65	447.50	571	93	1.5
	Sep 2009	724	-12	572	9.6	61	93	446.81	557	89	1.5
	WY 2009	9118	31	6729		911	1536			1521	
	Oct 2009	612	3	466	7.6	23	135	446.31	548	74	1.2
	Nov 2009	562	11	378	6.4	23	168	446.50	552	103	1.7
	Dec 2009	342	10	317	5.2	23	11	446.50	552	122	2.0
	Jan 2010	535	23	345	5.6	46	168	446.50	552	119	1.9
	Feb 2010	618	32	449	8.1	43	159	446.50	552	154	2.8
	Mar 2010	903	31	715	11.6	46	169	446.70	555	204	3.3
	Apr 2010	1079	-4	767	12.9	103	167	448.71	594	200	3.4
	May 2010	1000	-14	706	11.5	106	174	448.71	594	109	1.8
	Jun 2010	924	-24	670	11.3	103	127	448.71	594	113	1.9
	Jul 2010	914	-17	726	11.8	106	79	448.00	580	119	1.9
	Aug 2010	792	-11	633	10.3	91	66	447.50	571	93	1.5
	Sep 2010	751	-12	570	9.6	88	94	446.81	557	89	1.5
	WY 2010	9033	26	6743		800	1517			1500	
	Oct 2010	619	3	464	7.5	30	137	446.31	548	74	1.2
	Nov 2010	569	11	377	6.3	29	170	446.50	552	103	1.7

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T E M R E S E R V O I R S

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Hoover Dam - Lake Mead

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Hoover Static Head Feet	Hoover Generator Capacity MW	Hoover Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Dec 2007	477	7.8	1114.81	12860	340	0.00	1074.0	183.5	63	385.0
H	Jan 2008	672	10.9	1116.46	13017	158	0.00	1175.0	268.3	69	399.2
I	Feb 2008	659	11.5	1116.93	13062	45	0.00	1101.0	266.5	63	404.5
S	Mar 2008	1025	16.7	1115.65	12940	-123	0.00	1212.0	420.7	70	410.6
T	Apr 2008	1159	19.5	1110.61	12463	-477	0.00	1393.0	475.9	81	410.7
O	May 2008	1113	18.1	1107.05	12132	-331	0.00	1482.0	445.7	87	400.5
R	Jun 2008	949	15.9	1104.98	11941	-190	0.00	1694.0	371.6	100	391.7
I	Jul 2008	876	14.2	1104.42	11890	-51	0.00	1672.0	344.2	100	392.8
C	Aug 2008	804	13.1	1105.13	11955	65	0.00	1678.0	316.2	100	393.1
A	Sep 2008	652	11.0	1105.76	12013	58	0.00	1677.0	252.9	100	387.9
	WY 2008	9530							3790.6		
L	Oct 2008	508	8.3	1107.94	12213	201	0.00	1038.0	188.5	61	370.8
*	Nov 2008	675	11.3	1107.33	12157	-56	0.00	926.0	263.1	55	389.6
	Dec 2008	466	7.6	1110.81	12482	325	460.62	1523.0	188.3	88	404.2
	Jan 2009	698	11.4	1112.57	12647	165	462.46	1305.0	287.4	75	411.8
	Feb 2009	660	11.9	1112.63	12653	6	463.01	1200.0	274.9	69	416.6
	Mar 2009	1001	16.3	1108.88	12302	-352	460.84	1187.0	419.8	69	419.4
	Apr 2009	1087	18.3	1104.01	11853	-449	455.30	1299.0	454.9	76	418.6
	May 2009	1012	16.5	1099.57	11453	-400	449.13	1519.0	406.9	91	402.2
	Jun 2009	903	15.2	1096.16	11149	-303	444.56	1656.0	360.4	100	399.2
	Jul 2009	905	14.7	1094.68	11020	-130	443.28	1547.0	359.9	94	397.6
	Aug 2009	811	13.2	1094.80	11031	11	442.11	1647.0	323.9	100	399.1
	Sep 2009	648	10.9	1094.17	10976	-55	443.00	1640.0	253.0	100	390.1
	WY 2009	9374							3780.8		
	Oct 2009	484	7.9	1095.28	11072	96	448.66	1146.0	193.5	70	400.0
	Nov 2009	603	10.1	1095.22	11067	-5	450.20	1241.0	242.2	75	401.9
	Dec 2009	484	7.9	1098.61	11367	299	449.01	1452.0	192.6	87	398.1
	Jan 2010	638	10.4	1101.10	11589	223	450.04	1361.0	256.7	81	402.0
	Feb 2010	633	11.4	1102.50	11716	127	450.81	1390.0	253.9	83	401.3
	Mar 2010	962	15.7	1100.05	11495	-220	450.48	1275.0	395.8	77	411.2
	Apr 2010	1108	18.6	1097.44	11263	-232	446.42	1450.0	452.0	88	408.1
	May 2010	1033	16.8	1096.94	11219	-44	444.56	1500.8	413.0	91	399.7
	Jun 2010	924	15.5	1098.22	11332	114	444.28	1653.0	369.7	100	400.2
	Jul 2010	926	15.1	1101.26	11604	272	446.92	1653.0	371.1	100	400.8
	Aug 2010	817	13.3	1105.90	12026	422	450.89	1653.0	332.2	100	406.7
	Sep 2010	675	11.3	1105.00	11944	-83	453.89	1653.0	270.5	100	400.8
	WY 2010	9286							3743.2		
	Oct 2010	491	8.0	1105.95	12031	87	459.37	1149.5	200.7	70	408.5
	Nov 2010	610	10.3	1105.80	12017	-14	460.78	1243.3	250.6	75	410.7

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Davis Dam - Lake Mohave

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Davis Static Head Feet	Davis Generator Capacity MW	Davis Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Dec 2007	396	6.4	638.03	1565	56	0.00	181.0	48.9	71	123.4
H	Jan 2008	547	8.9	641.68	1663	98	0.00	157.9	67.9	62	124.1
I	Feb 2008	717	12.5	639.09	1593	-70	0.00	191.7	88.7	75	123.8
S	Mar 2008	974	15.8	640.01	1618	25	0.00	227.0	120.5	89	123.7
T	Apr 2008	1104	18.6	641.20	1650	32	0.00	255.0	135.8	100	123.0
O	May 2008	993	16.2	643.95	1725	75	0.00	255.0	123.5	100	124.4
R	Jun 2008	932	15.7	643.36	1709	-16	0.00	255.0	117.8	100	126.5
I	Jul 2008	896	14.6	641.79	1666	-43	0.00	255.0	111.7	100	124.6
C	Aug 2008	798	13.0	641.06	1646	-20	0.00	255.0	98.5	100	123.4
A	Sep 2008	698	11.7	638.80	1585	-61	0.00	255.0	86.5	100	123.9
	WY 2008	9205							1137.7		
L	Oct 2008	632	10.3	633.37	1444	-141	0.00	211.7	74.9	83	118.6
*	Nov 2008	603	10.1	635.28	1493	49	0.00	186.2	71.8	73	119.1
	Dec 2008	357	5.8	638.70	1583	90	132.21	173.4	44.0	68	123.2
	Jan 2009	589	9.6	642.00	1671	89	136.23	158.1	73.5	62	124.8
	Feb 2009	651	11.7	641.80	1666	-5	137.03	181.0	81.6	71	125.4
	Mar 2009	942	15.3	643.05	1700	34	136.27	224.4	117.4	88	124.7
	Apr 2009	1058	17.8	643.01	1699	-1	136.08	255.0	131.7	100	124.5
	May 2009	979	15.9	643.01	1699	0	136.05	255.0	122.3	100	125.0
	Jun 2009	903	15.2	642.00	1671	-28	135.52	255.0	112.7	100	124.8
	Jul 2009	894	14.5	641.50	1658	-14	134.73	255.0	111.1	100	124.3
	Aug 2009	787	12.8	641.50	1658	0	134.46	255.0	98.1	100	124.6
	Sep 2009	724	12.2	638.00	1564	-94	132.63	255.0	89.3	100	123.3
	WY 2009	9118							1128.5		
	Oct 2009	612	9.9	633.00	1434	-130	128.15	255.0	73.5	100	120.3
	Nov 2009	562	9.4	634.00	1460	26	126.54	237.2	66.6	93	118.6
	Dec 2009	342	5.6	638.71	1583	123	129.92	224.4	42.0	88	122.8
	Jan 2010	535	8.7	641.80	1666	83	134.24	216.8	66.9	85	125.0
	Feb 2010	618	11.1	641.80	1666	0	136.16	206.6	77.6	81	125.5
	Mar 2010	903	14.7	643.05	1700	34	135.44	255.0	112.8	100	124.9
	Apr 2010	1079	18.1	643.01	1699	-1	136.08	255.0	134.2	100	124.4
	May 2010	1000	16.3	643.01	1699	0	136.05	255.0	125.0	100	124.9
	Jun 2010	924	15.5	642.00	1671	-28	135.52	255.0	115.2	100	124.7
	Jul 2010	914	14.9	641.50	1658	-14	134.73	255.0	113.6	100	124.2
	Aug 2010	792	12.9	641.50	1658	0	134.46	255.0	98.7	100	124.6
	Sep 2010	751	12.6	638.00	1564	-94	132.63	255.0	92.4	100	123.1
	WY 2010	9033							1118.6		
	Oct 2010	619	10.1	633.00	1434	-130	129.48	209.1	74.4	82	120.2
	Nov 2010	569	9.6	634.00	1460	26	126.99	221.8	67.5	87	118.6

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Parker Dam - Lake Havasu

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Parker Static Head Feet	Parker Generator Capacity MW	Parker Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Dec 2007	270	4.4	446.77	557	-16	0.00	79.0	17.9	66	66.5
H	Jan 2008	306	5.0	446.67	555	-2	0.00	85.2	20.3	71	66.5
I	Feb 2008	486	8.4	446.44	551	-4	0.00	90.0	32.6	75	67.2
S	Mar 2008	744	12.1	446.47	551	1	0.00	90.0	49.8	75	67.0
T	Apr 2008	838	14.1	447.25	566	14	0.00	90.0	55.0	75	65.6
O	May 2008	684	11.1	448.84	596	30	0.00	90.0	46.4	75	67.9
R	Jun 2008	691	11.6	448.62	592	-4	0.00	90.0	47.3	75	68.4
I	Jul 2008	728	11.8	447.86	577	-14	0.00	90.0	48.9	75	67.3
C	Aug 2008	635	10.3	448.54	590	13	0.00	105.6	41.9	88	66.0
A	Sep 2008	519	8.7	448.19	584	-7	0.00	91.2	38.6	76	74.3
	WY 2008	6692							453.4		
L	Oct 2008	452	7.4	446.55	553	-31	0.00	90.0	31.2	75	68.9
*	Nov 2008	379	6.4	447.54	571	18	0.00	90.0	26.2	75	69.1
	Dec 2008	298	4.8	446.50	552	-20	76.08	85.2	19.1	71	64.1
	Jan 2009	346	5.6	446.50	552	0	75.32	90.0	22.2	75	64.2
	Feb 2009	450	8.1	446.50	552	0	75.32	90.0	29.4	75	65.4
	Mar 2009	717	11.7	446.70	555	4	74.16	116.4	46.7	97	65.1
	Apr 2009	770	12.9	448.71	594	38	75.09	120.0	50.8	100	66.0
	May 2009	709	11.5	448.71	594	0	76.06	120.0	47.1	100	66.5
	Jun 2009	672	11.3	448.71	594	0	76.06	120.0	44.6	100	66.5
	Jul 2009	729	11.9	448.00	580	-14	75.72	120.0	48.3	100	66.3
	Aug 2009	636	10.3	447.50	571	-10	75.13	120.0	41.7	100	65.6
	Sep 2009	572	9.6	446.81	557	-13	75.95	90.0	37.9	75	66.4
	WY 2009	6729							445.3		
	Oct 2009	466	7.6	446.31	548	-9	75.37	90.0	30.4	75	65.3
	Nov 2009	378	6.4	446.50	552	3	75.41	86.4	24.5	72	64.8
	Dec 2009	317	5.2	446.50	552	0	75.65	84.0	20.4	70	64.1
	Jan 2010	345	5.6	446.50	552	0	75.51	86.4	22.2	72	64.4
	Feb 2010	449	8.1	446.50	552	0	75.19	92.4	29.3	77	65.3
	Mar 2010	715	11.6	446.70	555	4	74.01	120.0	46.5	100	65.0
	Apr 2010	767	12.9	448.71	594	38	75.09	120.0	50.6	100	66.0
	May 2010	706	11.5	448.71	594	0	76.06	120.0	47.0	100	66.5
	Jun 2010	670	11.3	448.71	594	0	76.06	120.0	44.5	100	66.5
	Jul 2010	726	11.8	448.00	580	-14	75.72	120.0	48.2	100	66.3
	Aug 2010	633	10.3	447.50	571	-10	75.13	120.0	41.5	100	65.6
	Sep 2010	570	9.6	446.81	557	-13	74.55	120.0	37.0	100	65.0
	WY 2010	6743							442.0		
	Oct 2010	464	7.5	446.31	548	-9	74.43	109.2	29.9	91	64.4
	Nov 2010	377	6.3	446.50	552	3	74.29	109.2	24.1	91	63.8

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Upper Basin Power

	Glen Canyon 1000 MWHR	Flam Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Res 1000 MWHR	Font Res 1000 MWHR
* Dec 2007	334	15	19	22	13	3
H Jan 2008	330	19	25	31	15	2
I Feb 2008	247	18	26	35	14	2
S Mar 2008	299	19	14	16	9	2
Winter 2008	1719	110	118	147	75	17
T Apr 2008	280	20	38	55	23	2
O May 2008	333	39	52	92	23	4
R Jun 2008	348	68	40	63	22	7
I Jul 2008	390	36	31	39	23	9
C Aug 2008	400	36	36	42	22	8
A Sep 2008	323	34	34	41	21	5
Summer 2008	2075	233	232	331	134	35
L Oct 2008	334	27	25	30	17	5
* Nov 2008	267	25	9	12	6	4
Dec 2008	329	29	11	14	7	5
Jan 2009	327	29	13	17	9	4
Feb 2009	244	22	16	20	11	4
Mar 2009	243	18	23	31	16	4
Winter 2009	1745	150	97	124	65	26
Apr 2009	244	17	26	37	20	5
May 2009	246	54	30	48	23	7
Jun 2009	273	51	17	31	22	9
Jul 2009	346	34	41	42	23	10
Aug 2009	348	34	39	46	23	9
Sep 2009	255	33	34	41	21	6
Summer 2009	1712	223	187	245	133	45
Oct 2009	255	34	24	30	15	7
Nov 2009	254	33	15	19	10	6
Dec 2009	338	34	21	26	13	6
Jan 2010	337	34	21	27	14	6
Feb 2010	293	31	18	24	12	5
Mar 2010	292	34	18	24	13	5
Winter 2010	1770	199	117	149	77	34
Apr 2010	354	33	18	27	15	5
May 2010	419	62	19	33	22	7
Jun 2010	475	57	21	32	22	9
Jul 2010	542	41	34	42	23	10
Aug 2010	540	41	38	45	23	9
Sep 2010	255	39	35	42	21	6
Summer 2010	2586	273	165	220	126	46
Oct 2010	255	41	24	30	15	6
Nov 2010	255	39	15	19	10	6

model_run_id = 2015

F L O O D C O N T R O L C R I T E R I A
B E G I N N I N G O F M O N T H C O N D I T I O N S

MON	YEAR	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	LAKE POWELL KAF	UPPER BASIN TOTAL KAF	LAKE MEAD KAF	TOTAL KAF	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	TOT OR MAX ALLOW KAF	LAKE POWELL KAF	LAKE MEAD KAF	TOTAL KAF	BOM SPACE REQD KAF	MEAD SCHED REL KAF	MEAD FC REL KAF	SYS CONT MAF
		* * * * P R E D I C T E D S P A C E * * * *							* * * * C R E D I T A B L E S P A C E * * * *								
DEC	2008	871	237	402	10354	11865	15223	27087	871	237	402	1510	10354	15223	27087	4580	466	0	33.4
JAN	2009	917	248	422	10729	12316	14898	27214	917	248	422	1587	10729	14898	27214	5350	698	0	33.2
									* * * * E F F E C T I V E S P A C E * * * *										
JAN	2009	917	248	422	10729	12316	14898	27214	490	248	392	1130	10729	14898	26758	5350	698	0	33.2
FEB	2009	966	266	439	11111	12782	14733	27515	538	266	408	1211	11111	14733	27055	1500	660	0	33.0
MAR	2009	998	296	449	11272	13015	14727	27741	567	296	416	1279	11272	14727	27278	1500	1001	0	32.7
APR	2009	958	337	387	11332	13014	15078	28092	522	337	348	1207	11332	15078	27617	1500	1087	0	32.5
MAY	2009	879	350	293	11277	12799	15527	28326	435	350	235	1020	11277	15527	27824	1500	1012	0	33.5
JUN	2009	777	250	185	10216	11428	15927	27355	324	246	95	664	10216	15927	26807	1500	903	0	35.1
JUL	2009	576	31	181	8658	9445	16231	25676	105	3	41	149	8658	16231	25038	1500	905	0	35.4
									* * * * C R E D I T A B L E S P A C E * * * *										
AUG	2009	488	27	191	8332	9038	16360	25399	488	27	191	706	8332	16360	25399	1500	811	0	35.1
SEP	2009	506	76	210	8563	9354	16349	25704	506	76	210	791	8563	16349	25704	2270	648	0	34.7
OCT	2009	555	144	209	8663	9571	16404	25975	555	144	209	908	8663	16404	25975	3040	484	0	34.5
NOV	2009	597	185	206	8715	9704	16308	26011	597	185	206	988	8715	16308	26011	3810	603	0	34.4
DEC	2009	639	204	207	8768	9817	16313	26130	639	204	207	1049	8768	16313	26130	4580	484	0	34.4
JAN	2010	697	248	216	9049	10210	16013	26223	697	248	216	1161	9049	16013	26223	5350	638	0	34.3
									* * * * E F F E C T I V E S P A C E * * * *										
JAN	2010	697	248	216	9049	10210	16013	26223	417	248	216	882	9049	16013	25944	5350	638	0	34.3
FEB	2010	750	295	228	9351	10625	15791	26416	470	295	226	991	9351	15791	26133	1500	633	0	34.1
MAR	2010	791	334	227	9582	10935	15664	26599	508	334	224	1066	9582	15664	26311	1500	962	0	33.9
APR	2010	785	360	181	9704	11031	15885	26915	497	360	171	1029	9704	15885	26618	1500	1108	0	33.7
MAY	2010	740	350	85	9793	10969	16117	27086	445	350	56	852	9793	16117	26761	1500	1033	0	34.7
JUN	2010	657	217	100	8992	9966	16161	26127	353	215	37	605	8992	16161	25758	1500	924	0	36.3
JUL	2010	431	38	159	7846	8474	16048	24522	109	12	48	169	7846	16048	24062	1500	926	0	36.6
									* * * * C R E D I T A B L E S P A C E * * * *										
AUG	2010	340	27	163	7923	8453	15776	24229	340	27	163	530	7923	15776	24229	1500	817	0	36.3
SEP	2010	369	78	176	8524	9146	15354	24500	369	78	176	622	8524	15354	24500	2270	675	0	35.9
OCT	2010	429	147	176	8573	9325	15436	24762	429	147	176	752	8573	15436	24762	3040	491	0	35.7
NOV	2010	488	189	172	8610	9459	15349	24808	488	189	172	849	8610	15349	24808	3810	610	0	35.6

To: All Annual Operating Plan Recipients

From: Lower Colorado Region
Boulder Canyon Operations Office
River Operations Group
Bruce Williams
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The operation of Lake Powell and Lake Mead in this January 2009 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines), and reflects the 2009 Annual Operating Plan (AOP). Pursuant to the Interim Guidelines, the Upper Elevation Balancing Tier is the operational tier for water year 2009 for Glen Canyon Dam. The Intentionally Created Surplus (ICS) Surplus condition is the criterion governing the operation of Lake Mead for calendar year 2009.

The Interim Guidelines are available for download at http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf. The 2009 AOP is available for download at http://www.usbr.gov/uc/water/rsvrs/ops/aop/AOP09_final.pdf.

This January 24-Month Study projects that the annual release volume from Glen Canyon Dam for water year 2009 will be 9.326 million acre-feet (maf) consistent with Sections 6.B.3 and 6.A.1 of the Interim Guidelines. The Interim Guidelines contain a provision for an April adjustment to the operational parameters for Lake Powell when specific conditions occur. The operations reflected in this January 24-Month Study are consistent with this provision. It should be noted that such adjustments, as well as the coordinated operations in general, are sensitive to current inflow projections and may therefore change from month to month as new inflow projections are incorporated.

In this study, the Calendar Year (CY) 2009 diversion for Metropolitan Water District of Southern California (MWD) is forecasted to be 0.805 maf. The CY 2009 diversion for the Central Arizona Project (CAP) is forecasted to be 1.508 maf. Consumptive use for Nevada above Hoover is forecasted to be 0.323 maf for CY 2009.

Due to declining Lake Mead elevations, Hoover’s generator capacity is adjusted based on estimated effective capacity and plant availability. The estimated effective capacity is based on projected Lake Mead elevations. Unit capacity tests will be performed as the lake elevation changes in 2-foot increments. This study reflects these changes in the projections.

Current runoff projections into Lake Powell are provided by the National Weather Service’s Colorado Basin River Forecast Center and are as follows: Observed unregulated inflow into Lake Powell for the month of December 2008 was 0.344 maf or 79% of the 30 year average. The forecast for January 2009 unregulated inflow into Lake Powell is 0.350 maf or 86% of the 30 year average.

Hoover, Davis, and Parker historical gross energy figures come from PO&M reports provided by the Power and O&M Group, Boulder Canyon Operations Office, Bureau of Reclamation, Boulder City, Nevada. Questions regarding these historical energy numbers can be directed to Larry Karr at (702) 293-8094.

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Fontenelle Reservoir

		Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Jan 2008	24	0	43	0	43	6472.00	128
H	Feb 2008	25	0	40	1	41	6468.13	111
I	Mar 2008	32	0	43	0	43	6465.20	100
S	Apr 2008	53	1	42	0	42	6467.95	111
T	May 2008	132	1	64	1	65	6481.73	177
O	Jun 2008	224	2	100	0	101	6499.83	298
R	Jul 2008	173	3	104	34	138	6503.99	330
I	Aug 2008	47	2	91	0	91	6497.83	283
C	Sep 2008	36	2	63	0	63	6493.80	254
	WY 2008	838	14	712	44	756		
A	Oct 2008	43	1	65	0	65	6490.51	231
L	Nov 2008	41	1	48	13	61	6487.43	211
*	Dec 2008	30	1	26	35	60	6482.26	180
	Jan 2009	28	1	60	0	60	6476.07	147
	Feb 2009	28	0	54	0	54	6470.17	120
	Mar 2009	50	0	60	0	60	6467.59	109
	Apr 2009	89	1	68	0	68	6472.60	130
	May 2009	178	1	100	4	105	6485.99	202
	Jun 2009	310	2	104	111	214	6499.62	296
	Jul 2009	188	3	101	37	138	6505.60	342
	Aug 2009	83	2	92	0	92	6504.18	331
	Sep 2009	49	2	58	11	70	6501.26	308
	WY 2009	1117	15	836	211	1047		
	Oct 2009	49	1	72	0	72	6497.98	284
	Nov 2009	41	1	70	0	70	6493.87	254
	Dec 2009	32	1	72	0	72	6487.79	214
	Jan 2010	30	1	72	0	72	6480.70	171
	Feb 2010	27	1	65	0	65	6473.04	132
	Mar 2010	51	0	72	0	72	6468.12	111
	Apr 2010	89	1	83	0	83	6469.30	116
	May 2010	176	1	99	2	101	6483.96	190
	Jun 2010	308	2	103	93	196	6500.00	299
	Jul 2010	186	3	101	41	141	6505.39	341
	Aug 2010	83	2	92	0	92	6503.91	329
	Sep 2010	49	2	65	0	65	6501.51	310
	WY 2010	1120	15	966	136	1103		
	Oct 2010	49	1	68	0	68	6498.82	290
	Nov 2010	41	1	65	0	65	6495.33	265
	Dec 2010	32	1	68	0	68	6489.94	228

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Flaming Gorge Reservoir

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Yampa Flow 1000 Ac-Ft	Jensen Flow 1000 Ac-Ft
*	Jan 2008	24	43	2	50	0	50	84	6021.15	3020	0	63
H	Feb 2008	33	49	2	47	0	47	84	6021.15	3020	0	61
I	Mar 2008	59	70	3	50	0	50	84	6021.55	3035	0	141
S	Apr 2008	83	71	5	53	0	53	85	6021.85	3045	0	231
T	May 2008	176	110	7	101	0	101	85	6021.85	3045	0	793
O	Jun 2008	284	161	10	177	0	177	84	6021.15	3020	0	917
R	Jul 2008	188	153	12	93	0	93	86	6022.43	3066	0	306
I	Aug 2008	48	92	12	92	0	92	85	6022.11	3055	0	132
C	Sep 2008	40	67	10	89	0	89	84	6021.25	3024	0	126
	WY 2008	1023	943	75	893	10	903					3017
A	Oct 2008	45	67	7	71	0	71	83	6020.97	3014	0	119
L	Nov 2008	47	66	3	65	0	65	83	6020.91	3012	0	107
*	Dec 2008	17	48	2	79	0	79	82	6020.01	2980	0	116
	Jan 2009	33	65	2	80	0	80	81	6019.58	2965	0	80
	Feb 2009	35	61	2	60	0	60	81	6019.55	2964	0	60
	Mar 2009	70	80	3	49	0	49	83	6020.32	2991	0	49
	Apr 2009	126	104	5	48	0	48	85	6021.73	3041	0	48
	May 2009	234	161	7	122	0	122	86	6022.57	3071	0	122
	Jun 2009	355	259	10	160	0	160	89	6024.92	3157	0	160
	Jul 2009	195	146	13	87	0	87	91	6026.11	3201	0	87
	Aug 2009	89	98	12	87	0	87	91	6026.09	3201	0	87
	Sep 2009	56	77	11	84	0	84	90	6025.63	3184	0	84
	WY 2009	1303	1233	77	990	0	990					1117
	Oct 2009	59	83	7	87	0	87	90	6025.34	3173	0	87
	Nov 2009	51	80	3	84	0	84	90	6025.15	3166	0	84
	Dec 2009	37	77	2	87	0	87	89	6024.85	3155	0	87
	Jan 2010	41	83	2	87	0	87	89	6024.71	3150	0	87
	Feb 2010	45	83	2	78	0	78	89	6024.79	3152	0	78
	Mar 2010	103	124	3	87	0	87	90	6025.68	3185	0	87
	Apr 2010	142	137	5	84	0	84	92	6026.91	3231	0	84
	May 2010	263	189	8	167	0	167	93	6027.26	3244	0	167
	Jun 2010	400	288	10	156	0	156	97	6030.32	3362	0	156
	Jul 2010	219	175	14	111	0	111	99	6031.57	3410	0	111
	Aug 2010	97	106	13	111	0	111	99	6031.13	3393	0	111
	Sep 2010	58	75	11	107	0	107	97	6030.06	3351	0	107
	WY 2010	1516	1499	80	1245	0	1245					1245
	Oct 2010	59	78	7	111	0	111	95	6029.07	3313	0	111
	Nov 2010	51	76	3	107	0	107	94	6028.19	3280	0	107
	Dec 2010	37	72	2	111	0	111	93	6027.18	3241	0	111

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Taylor Park Reservoir

		Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Jan 2008	5	4	9315.09	78
H	Feb 2008	4	4	9314.99	78
I	Mar 2008	4	7	9313.24	75
S	Apr 2008	7	19	9305.56	63
T	May 2008	36	29	9310.30	70
O	Jun 2008	65	40	9324.75	96
R	Jul 2008	29	34	9322.03	91
I	Aug 2008	12	23	9315.69	79
C	Sep 2008	8	15	9311.36	72
	WY 2008	186	192		
A	Oct 2008	7	7	9311.31	72
L	Nov 2008	5	5	9311.19	72
*	Dec 2008	6	5	9311.34	72
	Jan 2009	4	6	9310.31	70
	Feb 2009	4	6	9308.88	68
	Mar 2009	5	6	9307.98	67
	Apr 2009	9	8	9308.63	68
	May 2009	29	20	9314.44	77
	Jun 2009	46	24	9326.70	100
	Jul 2009	22	22	9326.75	100
	Aug 2009	11	22	9320.74	88
	Sep 2009	7	15	9316.35	80
	WY 2009	155	147		
	Oct 2009	6	10	9314.06	77
	Nov 2009	5	6	9313.40	75
	Dec 2009	4	6	9312.45	74
	Jan 2010	4	6	9311.33	72
	Feb 2010	4	6	9309.91	70
	Mar 2010	4	6	9308.79	68
	Apr 2010	8	10	9307.72	66
	May 2010	27	14	9315.80	80
	Jun 2010	43	22	9327.10	100
	Jul 2010	20	22	9326.29	99
	Aug 2010	10	20	9321.04	89
	Sep 2010	7	15	9316.55	81
	WY 2010	143	143		
	Oct 2010	6	10	9314.27	77
	Nov 2010	5	6	9313.60	76
	Dec 2010	4	6	9312.66	74

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Blue Mesa Reservoir

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Jan 2008	33	33	0	93	0	93	7481.92	520
H	Feb 2008	31	31	0	97	0	97	7472.73	454
I	Mar 2008	36	39	0	53	0	53	7470.50	439
S	Apr 2008	107	119	1	147	0	147	7466.24	411
T	May 2008	318	312	1	199	50	250	7475.27	472
O	Jun 2008	409	383	1	143	20	163	7503.56	691
R	Jul 2008	172	176	1	103	0	103	7511.87	762
I	Aug 2008	70	82	1	119	0	119	7507.44	724
C	Sep 2008	35	42	1	115	0	115	7498.61	650
	WY 2008	1324	1329	8	1287	70	1358		
A	Oct 2008	33	33	1	85	0	85	7492.14	598
L	Nov 2008	27	28	0	33	0	33	7491.42	592
*	Dec 2008	28	27	0	36	0	36	7490.25	583
	Jan 2009	25	27	0	54	0	54	7486.68	556
	Feb 2009	22	24	0	69	0	69	7480.66	511
	Mar 2009	37	38	0	101	0	101	7471.77	448
	Apr 2009	81	80	1	106	0	106	7467.85	421
	May 2009	235	225	1	72	0	72	7489.05	574
	Jun 2009	300	278	1	70	0	70	7513.95	781
	Jul 2009	134	134	2	110	0	110	7516.40	803
	Aug 2009	66	77	1	122	0	122	7511.26	757
	Sep 2009	38	45	1	115	0	115	7502.94	686
	WY 2009	1026	1017	8	973	0	973		
	Oct 2009	35	39	1	80	0	80	7497.90	644
	Nov 2009	31	32	0	50	0	50	7495.60	626
	Dec 2009	25	27	0	71	0	71	7490.00	581
	Jan 2010	24	26	0	73	0	73	7483.80	534
	Feb 2010	22	24	0	62	0	62	7478.55	495
	Mar 2010	34	36	0	63	0	63	7474.74	468
	Apr 2010	73	75	1	64	0	64	7476.20	479
	May 2010	212	199	1	65	0	65	7493.84	612
	Jun 2010	271	250	1	69	0	69	7515.22	792
	Jul 2010	121	122	2	110	0	110	7516.40	803
	Aug 2010	62	72	1	122	0	122	7510.55	751
	Sep 2010	36	44	1	113	0	113	7502.37	681
	WY 2010	946	945	9	942	0	942		
	Oct 2010	35	39	1	78	0	78	7497.55	641
	Nov 2010	31	32	0	48	0	48	7495.50	625
	Dec 2010	25	27	0	70	0	70	7490.00	581

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Morrow Point Reservoir

		Unreg Inflow 1000 Ac-Ft	Blue_Mesa Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Evap losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Jan 2008	29	93	-4	89	0	87	0	87	7156.26	114
H	Feb 2008	26	97	-5	92	0	99	0	99	7146.95	107
I	Mar 2008	34	53	-2	52	0	45	0	45	7155.12	113
S	Apr 2008	109	147	1	148	0	153	0	153	7149.81	109
T	May 2008	343	250	25	275	0	255	24	278	7144.87	105
O	Jun 2008	432	163	23	186	0	177	4	180	7152.31	111
R	Jul 2008	178	103	6	109	0	108	0	108	7152.94	111
I	Aug 2008	71	119	0	120	0	117	0	117	7156.16	114
C	Sep 2008	35	115	0	115	0	115	0	115	7155.78	114
	WY 2008	1358	1358	34	1392	1	1365	27	1392		
A	Oct 2008	33	85	0	85	0	86	0	86	7153.95	112
L	Nov 2008	29	33	2	35	0	35	0	35	7153.60	112
*	Dec 2008	29	36	2	38	0	39	0	39	7152.11	111
	Jan 2009	27	54	2	56	0	55	0	55	7153.73	112
	Feb 2009	25	69	3	72	0	72	0	72	7153.73	112
	Mar 2009	41	101	4	105	0	105	0	105	7153.73	112
	Apr 2009	93	106	12	118	0	118	0	118	7153.73	112
	May 2009	263	72	28	100	0	100	0	100	7153.73	112
	Jun 2009	323	70	23	93	0	93	0	93	7153.73	112
	Jul 2009	141	110	7	117	0	117	0	117	7153.73	112
	Aug 2009	70	122	4	126	0	126	0	126	7153.73	112
	Sep 2009	40	115	3	118	0	118	0	118	7153.73	112
	WY 2009	1115	973	89	1063	0	1064	0	1064		
	Oct 2009	38	80	3	83	0	83	0	83	7153.73	112
	Nov 2009	33	50	2	52	0	52	0	52	7153.73	112
	Dec 2009	27	71	2	73	0	73	0	73	7153.73	112
	Jan 2010	26	73	2	75	0	75	0	75	7153.73	112
	Feb 2010	25	62	3	65	0	65	0	65	7153.73	112
	Mar 2010	38	63	4	67	0	67	0	67	7153.73	112
	Apr 2010	84	64	11	75	0	75	0	75	7153.73	112
	May 2010	237	65	25	90	0	90	0	90	7153.73	112
	Jun 2010	292	69	21	90	0	90	0	90	7153.73	112
	Jul 2010	127	110	7	117	0	117	0	117	7153.73	112
	Aug 2010	65	122	4	126	0	126	0	126	7153.73	112
	Sep 2010	39	113	3	116	0	116	0	116	7153.73	112
	WY 2010	1032	942	86	1028	0	1028	0	1028		
	Oct 2010	38	78	3	81	0	81	0	81	7153.73	112
	Nov 2010	33	48	2	50	0	50	0	50	7153.73	112
	Dec 2010	27	70	2	72	0	72	0	72	7153.73	112

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Crystal Reservoir

	unreg Inflow 1000 Ac-Ft	Morrow Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Tunnel Flow 1000 Ac-Ft	Below_tunnel Flow 1000 Ac-Ft
* Jan 2008	34	87	5	91	77	13	90	6748.45	16	1	94
H Feb 2008	30	99	4	103	72	31	103	6749.17	16	1	108
I Mar 2008	41	45	6	52	52	0	52	6749.59	16	1	54
S Apr 2008	124	153	16	168	127	40	168	6751.31	16	23	150
T May 2008	388	278	45	323	130	191	321	6760.22	19	54	275
O Jun 2008	484	180	52	232	118	116	234	6753.95	17	47	196
R Jul 2008	191	108	13	121	123	0	123	6747.80	15	62	72
I Aug 2008	75	117	5	122	123	0	123	6742.41	14	66	65
C Sep 2008	38	115	3	118	118	0	118	6741.71	14	61	62
WY 2008	1520	1392	162	1554	1164	391	1555			356	1274
A Oct 2008	36	86	3	89	89	0	89	6744.34	15	55	45
L Nov 2008	33	35	4	38	39	0	39	6742.20	14	1	39
* Dec 2008	32	39	3	42	42	0	42	6742.53	14	1	44
Jan 2009	31	55	4	59	56	0	56	6753.04	17	0	56
Feb 2009	29	72	4	76	76	0	76	6753.04	17	0	76
Mar 2009	49	105	8	113	113	0	113	6753.04	17	5	108
Apr 2009	105	118	12	130	130	0	130	6753.04	17	30	100
May 2009	297	100	34	134	134	0	134	6753.04	17	55	79
Jun 2009	360	93	37	130	130	0	130	6753.04	17	60	70
Jul 2009	158	117	17	134	134	0	134	6753.04	17	65	69
Aug 2009	78	126	8	134	134	0	134	6753.04	17	65	69
Sep 2009	47	118	6	125	125	0	125	6753.04	17	55	70
WY 2009	1255	1064	140	1204	1201	0	1201			391	824
Oct 2009	44	83	7	89	89	0	89	6753.04	17	30	59
Nov 2009	38	52	5	57	57	0	57	6753.04	17	0	57
Dec 2009	32	73	5	78	78	0	78	6753.04	17	0	78
Jan 2010	31	75	5	80	80	0	80	6753.04	17	0	80
Feb 2010	29	65	4	69	69	0	69	6753.04	17	0	69
Mar 2010	46	67	7	74	74	0	74	6753.04	17	5	69
Apr 2010	96	75	12	87	87	0	87	6753.04	17	30	57
May 2010	272	90	35	125	125	0	125	6753.04	17	55	70
Jun 2010	330	90	38	128	128	0	128	6753.04	17	60	68
Jul 2010	144	117	17	134	134	0	134	6753.04	17	65	69
Aug 2010	74	126	8	134	134	0	134	6753.04	17	65	69
Sep 2010	45	116	6	122	122	0	122	6753.04	17	55	67
WY 2010	1183	1028	151	1179	1179	0	1179			365	814
Oct 2010	44	81	7	87	87	0	87	6753.04	17	30	57
Nov 2010	38	50	5	55	55	0	55	6753.04	17	0	55
Dec 2010	32	72	5	77	77	0	77	6753.04	17	0	77

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Vallecito Reservoir

		Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Jan 2008	6	4	7645.29	76
H	Feb 2008	6	17	7640.08	65
I	Mar 2008	11	36	7626.73	39
S	Apr 2008	33	29	7628.85	43
T	May 2008	77	38	7647.76	82
O	Jun 2008	84	43	7663.79	122
R	Jul 2008	32	40	7660.68	114
I	Aug 2008	15	39	7651.24	90
C	Sep 2008	11	31	7642.57	70
	WY 2008	305	315		
A	Oct 2008	9	14	7640.18	65
L	Nov 2008	5	2	7641.75	68
*	Dec 2008	5	2	7643.07	71
	Jan 2009	4	5	7642.77	70
	Feb 2009	4	4	7642.43	70
	Mar 2009	7	5	7643.21	71
	Apr 2009	25	15	7647.60	81
	May 2009	80	55	7657.54	106
	Jun 2009	89	70	7664.63	124
	Jul 2009	36	43	7661.61	116
	Aug 2009	21	43	7652.87	94
	Sep 2009	18	33	7646.70	79
	WY 2009	303	290		
	Oct 2009	13	21	7643.04	71
	Nov 2009	8	8	7643.09	71
	Dec 2009	6	5	7643.67	72
	Jan 2010	5	5	7643.89	73
	Feb 2010	5	4	7644.03	73
	Mar 2010	8	5	7645.47	76
	Apr 2010	22	13	7649.20	85
	May 2010	69	43	7659.59	111
	Jun 2010	78	66	7663.75	122
	Jul 2010	31	43	7658.93	109
	Aug 2010	19	40	7650.44	88
	Sep 2010	17	31	7644.39	74
	WY 2010	281	283		
	Oct 2010	13	19	7641.54	68
	Nov 2010	8	7	7642.05	69
	Dec 2010	6	5	7642.46	70

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Navajo Reservoir

		Mod_Unreg Inflow 1000 Ac-Ft	Azetea Tunnel_Div 1000 Ac-Ft	Reg Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	NIIP Diversion 1000 ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Farm Flow 1000 Ac-Ft
*	Jan 2008	26	0	24	1	0	47	6068.19	1456	69
H	Feb 2008	38	0	48	1	0	122	6062.59	1381	160
I	Mar 2008	147	6	167	2	6	219	6057.91	1321	284
S	Apr 2008	242	27	218	2	21	156	6060.97	1360	240
T	May 2008	328	45	243	4	31	149	6065.54	1420	303
O	Jun 2008	307	49	214	4	39	221	6061.77	1370	411
R	Jul 2008	82	14	74	4	40	32	6061.63	1369	103
I	Aug 2008	31	3	51	4	36	40	6059.46	1341	58
C	Sep 2008	31	2	49	3	22	45	6057.74	1319	57
	WY 2008	1336	146	1204	28	206	1160			1887
A	Oct 2008	29	0	34	2	11	33	6056.83	1308	45
L	Nov 2008	21	0	17	1	0	30	6055.68	1294	47
*	Dec 2008	19	0	16	1	0	31	6054.38	1278	48
	Jan 2009	15	0	15	1	0	31	6053.03	1262	31
	Feb 2009	27	0	28	1	0	28	6052.93	1260	28
	Mar 2009	85	8	75	2	0	31	6056.43	1303	31
	Apr 2009	202	12	180	3	17	34	6066.31	1430	34
	May 2009	325	37	262	4	29	200	6068.50	1460	200
	Jun 2009	287	41	226	4	44	212	6065.94	1425	212
	Jul 2009	86	10	84	5	47	31	6066.07	1427	31
	Aug 2009	48	8	62	4	39	31	6065.20	1415	31
	Sep 2009	45	3	56	3	22	30	6065.31	1417	30
	WY 2009	1188	120	1057	28	210	721			766
	Oct 2009	38	2	44	2	7	31	6065.65	1421	31
	Nov 2009	33	0	32	1	0	30	6065.77	1423	30
	Dec 2009	24	0	23	1	0	31	6065.11	1414	31
	Jan 2010	22	0	21	1	0	31	6064.34	1404	31
	Feb 2010	30	0	30	1	0	28	6064.41	1405	28
	Mar 2010	88	2	83	2	4	31	6067.88	1451	31
	Apr 2010	174	16	149	3	17	34	6074.72	1547	34
	May 2010	279	33	219	4	29	200	6073.74	1533	200
	Jun 2010	246	29	206	5	44	212	6069.79	1478	212
	Jul 2010	74	7	79	5	47	31	6069.54	1474	31
	Aug 2010	43	3	61	4	39	31	6068.61	1461	31
	Sep 2010	42	1	55	3	22	30	6068.61	1461	30
	WY 2010	1094	93	1002	30	210	718			718
	Oct 2010	38	0	44	2	7	31	6068.90	1465	31
	Nov 2010	33	0	32	1	1	30	6068.89	1465	30
	Dec 2010	24	0	23	1	1	31	6068.19	1456	31

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Lake Powell

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	PowerPlant Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Bank Storage 1000 Ac-Ft	EOM Storage 1000 Ac-Ft	Lees Ferry 1000 Ac-Ft
*	Jan 2008	336	419	7	801	0	801	3590.66	18464	10880	813
H	Feb 2008	412	588	8	602	0	602	3590.66	18442	10880	612
I	Mar 2008	589	714	13	737	93	830	3589.77	18393	10800	850
S	Apr 2008	1003	982	21	678	0	678	3594.09	18280	11195	691
T	May 2008	2644	2328	27	790	0	790	3610.81	18174	12812	807
O	Jun 2008	3568	3292	49	791	0	791	3631.05	18467	14971	810
R	Jul 2008	1691	1412	63	865	0	865	3633.00	18730	15192	887
I	Aug 2008	477	584	62	890	0	890	3629.55	18751	14803	914
C	Sep 2008	373	539	56	723	0	723	3626.90	18803	14509	738
	WY 2008	12355	12326	396	8885	93	8978				9165
A	Oct 2008	372	488	38	749	0	749	3623.82	18841	14172	762
L	Nov 2008	415	452	36	603	0	603	3621.90	18860	13966	612
*	Dec 2008	344	418	28	801	0	801	3617.89	18874	13541	819
	Jan 2009	350	438	21	800	0	800	3614.48	18846	13186	800
	Feb 2009	375	448	19	600	0	600	3612.94	18833	13028	600
	Mar 2009	600	597	24	700	0	700	3611.79	18824	12911	700
	Apr 2009	1048	854	27	700	0	700	3612.94	18833	13029	700
	May 2009	2379	2046	38	750	0	750	3624.02	18926	14194	750
	Jun 2009	3092	2677	46	950	0	950	3637.84	19051	15750	950
	Jul 2009	1481	1350	55	1037	0	1037	3639.88	19070	15989	1037
	Aug 2009	604	687	56	1037	0	1037	3636.67	19040	15614	1037
	Sep 2009	475	590	48	600	0	600	3636.21	19036	15560	600
	WY 2009	11535	11046	436	9326	0	9326				9366
	Oct 2009	506	581	43	620	0	620	3635.55	19030	15484	620
	Nov 2009	523	572	36	600	0	600	3635.04	19025	15425	600
	Dec 2009	418	520	30	800	0	800	3632.53	19002	15138	800
	Jan 2010	384	488	22	800	0	800	3629.78	18977	14829	800
	Feb 2010	395	466	21	700	0	700	3627.66	18958	14593	700
	Mar 2010	628	588	26	700	0	700	3626.51	18948	14465	700
	Apr 2010	952	777	29	750	0	750	3626.49	18948	14464	750
	May 2010	2161	1902	40	800	0	800	3635.22	19027	15446	800
	Jun 2010	2808	2401	49	1034	0	1034	3645.54	19124	16667	1034
	Jul 2010	1345	1237	57	1100	0	1100	3646.15	19130	16741	1100
	Aug 2010	566	671	58	1100	0	1100	3642.42	19094	16290	1100
	Sep 2010	459	596	50	600	0	600	3642.00	19090	16240	600
	WY 2010	11147	10799	460	9604	0	9604				9604
	Oct 2010	506	601	45	620	0	620	3641.50	19085	16181	620
	Nov 2010	523	594	37	600	0	600	3641.17	19082	16142	600
	Dec 2010	418	544	31	800	0	800	3638.93	19061	15877	800

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Hoover Dam - Lake Mead

		Glen Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release CFS	SNWP Use 1000 Ac-Ft	Dwnstrm Reqmnts 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
*	Jan 2008	801	88	34	672	10.9	14	659	846	1116.46	13017
H	Feb 2008	602	147	32	659	11.5	10	658	849	1116.93	13062
I	Mar 2008	830	116	35	1025	16.7	17	1023	841	1115.65	12940
S	Apr 2008	678	40	44	1159	19.5	24	1155	810	1110.61	12463
T	May 2008	790	49	49	1113	18.1	30	1110	789	1107.05	12132
O	Jun 2008	791	44	59	949	15.9	30	949	776	1104.98	11941
R	Jul 2008	865	63	73	876	14.2	33	874	773	1104.42	11890
I	Aug 2008	890	95	78	804	13.1	34	789	777	1105.13	11955
C	Sep 2008	723	77	64	652	11.0	22	642	781	1105.76	12013
	WY 2008	8978	913	606	9531		278	9464			
A	Oct 2008	749	47	47	508	8.3	26	498	794	1107.94	12213
L	Nov 2008	603	73	47	675	11.3	14	659	790	1107.33	12157
*	Dec 2008	801	63	41	453	7.4	8	432	812	1110.97	12496
	Jan 2009	800	126	34	690	11.2	19	690	823	1112.80	12669
	Feb 2009	600	116	31	672	12.1	18	672	823	1112.74	12664
	Mar 2009	700	87	35	985	16.0	26	985	807	1110.16	12421
	Apr 2009	700	74	43	1083	18.2	23	1083	785	1106.37	12069
	May 2009	750	65	48	1017	16.5	32	1017	767	1103.47	11804
	Jun 2009	950	16	58	904	15.2	30	904	766	1103.21	11780
	Jul 2009	1037	57	73	906	14.7	32	906	771	1104.07	11858
	Aug 2009	1037	115	78	827	13.5	33	827	784	1106.26	12059
	Sep 2009	600	79	64	710	11.9	28	710	776	1105.00	11944
	WY 2009	9326	917	599	9430		288	9383			
	Oct 2009	620	68	47	468	7.6	37	468	785	1106.40	12072
	Nov 2009	600	68	47	492	8.3	25	492	791	1107.45	12168
	Dec 2009	800	61	41	510	8.3	20	510	809	1110.38	12441
	Jan 2010	800	126	34	679	11.1	19	679	821	1112.32	12624
	Feb 2010	700	116	31	662	11.9	18	662	827	1113.36	12722
	Mar 2010	700	87	35	1002	16.3	26	1002	810	1110.61	12463
	Apr 2010	750	74	43	1083	18.2	23	1083	790	1107.32	12157
	May 2010	800	65	49	1011	16.4	32	1011	776	1105.01	11944
	Jun 2010	1034	16	59	903	15.2	30	903	780	1105.61	12000
	Jul 2010	1100	57	74	905	14.7	32	905	789	1107.11	12137
	Aug 2010	1100	115	79	826	13.4	33	826	806	1109.91	12398
	Sep 2010	600	79	65	706	11.9	28	706	799	1108.70	12285
	WY 2010	9604	931	603	9247		322	9247			
	Oct 2010	620	68	48	464	7.5	37	464	807	1110.11	12416
	Nov 2010	600	68	48	527	8.9	25	527	811	1110.78	12479
	Dec 2010	800	61	41	545	8.9	20	545	827	1113.33	12719

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Davis Dam - Lake Mohave

		Hoover Release 1000 Ac-Ft	Side inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Spill Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release CFS	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
*	Jan 2008	672	-27	547	0	547	8.9	641.68	1663
H	Feb 2008	659	-12	717	0	717	12.5	639.09	1593
I	Mar 2008	1025	-26	974	0	974	15.8	640.01	1618
S	Apr 2008	1159	-23	1104	0	1104	18.6	641.20	1650
T	May 2008	1113	-45	993	0	993	16.2	643.95	1725
O	Jun 2008	949	-34	932	0	932	15.7	643.36	1709
R	Jul 2008	876	-23	896	0	896	14.6	641.79	1666
I	Aug 2008	804	-26	798	0	798	13.0	641.06	1646
C	Sep 2008	652	-15	698	0	698	11.7	638.80	1585
	WY 2008	9531	-285	9205	0	9205			
A	Oct 2008	508	-18	632	0	632	10.3	633.37	1444
L	Nov 2008	675	-23	603	0	603	10.1	635.28	1493
*	Dec 2008	453	-23	339	0	339	5.5	638.77	1585
	Jan 2009	690	-20	569	0	569	9.3	642.50	1685
	Feb 2009	672	-14	658	0	658	11.8	642.50	1685
	Mar 2009	985	-25	945	0	945	15.4	643.05	1700
	Apr 2009	1083	-30	1054	0	1054	17.7	643.01	1699
	May 2009	1017	-33	984	0	984	16.0	643.01	1699
	Jun 2009	904	-27	904	0	904	15.2	642.00	1671
	Jul 2009	906	-25	895	0	895	14.6	641.50	1658
	Aug 2009	827	-25	803	0	803	13.1	641.50	1658
	Sep 2009	710	-18	785	0	785	13.2	638.00	1564
	WY 2009	9430	-281	9170	0	9170			
	Oct 2009	468	-2	595	0	595	9.7	633.00	1434
	Nov 2009	492	-16	451	0	451	7.6	634.00	1460
	Dec 2009	510	-19	369	0	369	6.0	638.71	1583
	Jan 2010	679	-20	576	0	576	9.4	641.80	1666
	Feb 2010	662	-14	647	0	647	11.7	641.80	1666
	Mar 2010	1002	-25	943	0	943	15.3	643.05	1700
	Apr 2010	1083	-30	1055	0	1055	17.7	643.01	1699
	May 2010	1011	-33	978	0	978	15.9	643.01	1699
	Jun 2010	903	-27	903	0	903	15.2	642.00	1671
	Jul 2010	905	-25	893	0	893	14.5	641.50	1658
	Aug 2010	826	-25	801	0	801	13.0	641.50	1658
	Sep 2010	706	-18	781	0	781	13.1	638.00	1564
	WY 2010	9247	-253	8994	0	8994			
	Oct 2010	464	-2	592	0	592	9.6	633.00	1434
	Nov 2010	527	-16	486	0	486	8.2	634.00	1460
	Dec 2010	545	-19	403	0	403	6.6	638.71	1583

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Parker Dam - Lake Havasu

		Davis Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	MWD Diversion 1000 Ac-Ft	CAP diversion 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft	Flow_to Mexico 1000 Ac-Ft	Flow_to Mexico 1000 CFS
*	Jan 2008	547	5	306	5.0	82	167	446.67	555	132	2.1
H	Feb 2008	717	-11	486	8.4	67	157	446.44	551	155	2.7
I	Mar 2008	974	-15	744	12.1	46	168	446.47	551	205	3.3
S	Apr 2008	1104	-10	838	14.1	76	166	447.25	566	202	3.4
T	May 2008	993	-11	684	11.1	97	172	448.84	596	113	1.8
O	Jun 2008	932	-25	691	11.6	94	126	448.62	592	115	1.9
R	Jul 2008	896	-18	728	11.8	87	78	447.86	577	122	2.0
I	Aug 2008	798	-2	635	10.3	82	65	448.54	590	109	1.8
C	Sep 2008	698	-10	519	8.7	82	94	448.19	584	99	1.7
	WY 2008	9205	-80	6692		803	1623			1560	
A	Oct 2008	632	3	452	7.4	77	136	446.55	553	84	1.4
L	Nov 2008	603	16	379	6.4	53	168	447.54	571	118	2.0
*	Dec 2008	339	15	236	3.8	67	65	446.81	558	139	2.3
	Jan 2009	569	23	318	5.2	99	172	447.00	561	119	1.9
	Feb 2009	658	32	444	8.0	89	156	447.00	561	149	2.7
	Mar 2009	945	31	719	11.7	84	172	447.00	561	206	3.4
	Apr 2009	1054	-4	769	12.9	81	167	448.71	594	200	3.4
	May 2009	984	-14	712	11.6	84	173	448.71	594	113	1.8
	Jun 2009	904	-24	672	11.3	81	126	448.71	594	115	1.9
	Jul 2009	895	-17	729	11.9	84	79	448.00	580	119	1.9
	Aug 2009	803	-11	636	10.3	84	81	447.50	571	93	1.5
	Sep 2009	785	-12	571	9.6	61	154	446.81	557	89	1.5
	WY 2009	9170	36	6638		946	1649			1544	
	Oct 2009	595	3	466	7.6	23	119	446.31	548	74	1.2
	Nov 2009	451	11	378	6.4	17	63	446.50	552	103	1.7
	Dec 2009	369	10	315	5.1	18	46	446.50	552	119	1.9
	Jan 2010	576	23	345	5.6	87	168	446.50	552	119	1.9
	Feb 2010	647	32	449	8.1	79	151	446.50	552	154	2.8
	Mar 2010	943	31	715	11.6	87	168	446.70	555	204	3.3
	Apr 2010	1055	-4	766	12.9	84	163	448.71	594	199	3.3
	May 2010	978	-14	708	11.5	87	169	448.71	594	111	1.8
	Jun 2010	903	-24	672	11.3	84	123	448.71	594	116	1.9
	Jul 2010	893	-17	726	11.8	87	77	448.00	580	119	1.9
	Aug 2010	801	-11	633	10.3	87	79	447.50	571	93	1.5
	Sep 2010	781	-12	569	9.6	63	150	446.81	557	89	1.5
	WY 2010	8994	26	6742		804	1474			1501	
	Oct 2010	592	3	464	7.5	24	116	446.31	548	74	1.2
	Nov 2010	486	11	377	6.3	24	92	446.50	552	103	1.7
	Dec 2010	403	10	313	5.1	25	75	446.50	552	118	1.9

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Hoover Dam - Lake Mead

	Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Hoover Static Head Feet	Hoover Generator Capacity MW	Hoover Gross Energy MKWH	Percent Of Units Available	KWH/AF
* Jan 2008	672	10.9	1116.46	13017	158	0.00	1175.0	268.3	69	399.2
H Feb 2008	659	11.5	1116.93	13062	45	0.00	1101.0	266.5	63	404.5
I Mar 2008	1025	16.7	1115.65	12940	-123	0.00	1212.0	420.7	70	410.6
S Apr 2008	1159	19.5	1110.61	12463	-477	0.00	1393.0	475.9	81	410.7
T May 2008	1113	18.1	1107.05	12132	-331	0.00	1482.0	445.7	87	400.5
O Jun 2008	949	15.9	1104.98	11941	-190	0.00	1694.0	371.6	100	391.7
R Jul 2008	876	14.2	1104.42	11890	-51	0.00	1672.0	344.2	100	392.8
I Aug 2008	804	13.1	1105.13	11955	65	0.00	1678.0	316.2	100	393.1
C Sep 2008	652	11.0	1105.76	12013	58	0.00	1677.0	252.9	100	387.9
WY 2008	9530							3790.6		
A Oct 2008	508	8.3	1107.94	12213	201	0.00	1038.0	188.5	61	370.8
L Nov 2008	675	11.3	1107.33	12157	-56	0.00	926.0	263.1	55	389.9
* Dec 2008	453	7.4	1110.97	12496	339	0.00	1523.0	171.3	88	377.7
Jan 2009	690	11.2	1112.80	12669	173	462.46	1305.0	283.7	75	411.1
Feb 2009	672	12.1	1112.74	12664	-5	462.10	1308.0	279.0	75	415.2
Mar 2009	985	16.0	1110.16	12421	-243	462.79	950.0	422.5	55	429.0
Apr 2009	1083	18.2	1106.37	12069	-351	457.11	1295.0	454.6	76	419.9
May 2009	1017	16.5	1103.47	11804	-265	451.92	1565.0	411.1	94	404.1
Jun 2009	904	15.2	1103.21	11780	-24	450.00	1649.0	364.9	100	403.8
Jul 2009	906	14.7	1104.07	11858	78	450.78	1641.0	364.9	100	402.7
Aug 2009	827	13.5	1106.26	12059	201	452.46	1642.0	338.0	100	408.5
Sep 2009	710	11.9	1105.00	11944	-115	454.06	1638.0	286.5	100	403.7
WY 2009	9430							3828.1		
Oct 2009	468	7.6	1106.40	12072	128	459.59	1143.0	189.8	70	406.0
Nov 2009	492	8.3	1107.45	12168	97	461.14	1339.0	201.7	81	409.9
Dec 2009	510	8.3	1110.38	12441	273	461.64	1345.0	209.5	81	410.5
Jan 2010	679	11.1	1112.32	12624	183	461.47	1363.0	277.2	81	407.9
Feb 2010	662	11.9	1113.36	12722	98	461.79	1393.0	272.9	83	412.4
Mar 2010	1002	16.3	1110.61	12463	-259	461.22	1277.0	417.2	76	416.3
Apr 2010	1083	18.2	1107.32	12157	-305	456.58	1453.0	450.2	88	415.5
May 2010	1011	16.4	1105.01	11944	-213	452.47	1654.0	407.3	100	402.7
Jun 2010	903	15.2	1105.61	12000	55	451.95	1654.0	365.9	100	405.3
Jul 2010	905	14.7	1107.11	12137	138	453.49	1654.0	366.2	100	404.8
Aug 2010	826	13.4	1109.91	12398	260	455.79	1654.0	339.5	100	411.1
Sep 2010	706	11.9	1108.70	12285	-113	457.72	1654.0	286.7	100	406.2
WY 2010	9247							3784.0		
Oct 2010	464	7.5	1110.11	12416	131	463.28	1150.0	189.4	70	408.1
Nov 2010	527	8.9	1110.78	12479	63	464.65	1347.1	212.4	81	403.3
Dec 2010	545	8.9	1113.33	12719	240	464.77	1337.7	219.8	81	403.5

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T E M R E S E R V O I R S

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Davis Dam - Lake Mohave

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Davis Static Head Feet	Davis Generator Capacity MW	Davis Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Jan 2008	547	8.9	641.68	1663	98	0.00	157.9	67.9	62	124.1
H	Feb 2008	717	12.5	639.09	1593	-70	0.00	191.7	88.7	75	123.8
I	Mar 2008	974	15.8	640.01	1618	25	0.00	227.0	120.5	89	123.7
S	Apr 2008	1104	18.6	641.20	1650	32	0.00	255.0	135.8	100	123.0
T	May 2008	993	16.2	643.95	1725	75	0.00	255.0	123.5	100	124.4
O	Jun 2008	932	15.7	643.36	1709	-16	0.00	255.0	117.8	100	126.5
R	Jul 2008	896	14.6	641.79	1666	-43	0.00	255.0	111.7	100	124.6
I	Aug 2008	798	13.0	641.06	1646	-20	0.00	255.0	98.5	100	123.4
C	Sep 2008	698	11.7	638.80	1585	-61	0.00	255.0	86.5	100	123.9
	WY 2008	9205							1137.7		
A	Oct 2008	632	10.3	633.37	1444	-141	0.00	211.7	74.9	83	118.6
L	Nov 2008	603	10.1	635.28	1493	49	0.00	186.2	71.8	73	119.1
*	Dec 2008	339	5.5	638.77	1585	91	0.00	163.2	42.1	64	124.2
	Jan 2009	569	9.3	642.50	1685	100	136.61	155.5	71.3	61	125.1
	Feb 2009	658	11.8	642.50	1685	0	137.63	181.0	82.8	71	125.9
	Mar 2009	945	15.4	643.05	1700	15	136.62	224.4	118.1	88	125.0
	Apr 2009	1054	17.7	643.01	1699	-1	136.08	255.0	131.2	100	124.5
	May 2009	984	16.0	643.01	1699	0	136.05	255.0	123.0	100	125.0
	Jun 2009	904	15.2	642.00	1671	-28	135.52	255.0	112.8	100	124.8
	Jul 2009	895	14.6	641.50	1658	-14	134.73	255.0	111.2	100	124.3
	Aug 2009	803	13.1	641.50	1658	0	134.46	255.0	100.0	100	124.6
	Sep 2009	785	13.2	638.00	1564	-94	132.63	255.0	96.5	100	122.9
	WY 2009	9170							1135.7		
	Oct 2009	595	9.7	633.00	1434	-130	128.15	255.0	71.6	100	120.4
	Nov 2009	451	7.6	634.00	1460	26	126.54	237.2	53.8	93	119.4
	Dec 2009	369	6.0	638.71	1583	123	129.92	224.4	45.2	88	122.6
	Jan 2010	576	9.4	641.80	1666	83	134.24	216.8	71.9	85	124.7
	Feb 2010	647	11.7	641.80	1666	0	136.16	206.6	81.1	81	125.3
	Mar 2010	943	15.3	643.05	1700	34	135.44	255.0	117.5	100	124.7
	Apr 2010	1055	17.7	643.01	1699	-1	136.08	255.0	131.3	100	124.5
	May 2010	978	15.9	643.01	1699	0	136.05	255.0	122.3	100	125.0
	Jun 2010	903	15.2	642.00	1671	-28	135.52	255.0	112.7	100	124.8
	Jul 2010	893	14.5	641.50	1658	-14	134.73	255.0	111.0	100	124.3
	Aug 2010	801	13.0	641.50	1658	0	134.46	255.0	99.8	100	124.6
	Sep 2010	781	13.1	638.00	1564	-94	132.63	255.0	96.1	100	123.0
	WY 2010	8994							1114.4		
	Oct 2010	592	9.6	633.00	1434	-130	129.48	209.1	71.2	82	120.4
	Nov 2010	486	8.2	634.00	1460	26	126.99	221.8	57.9	87	119.1
	Dec 2010	403	6.6	638.71	1583	123	129.55	237.2	49.3	93	122.4

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Parker Dam - Lake Havasu

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Parker Static Head Feet	Parker Generator Capacity MW	Parker Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Jan 2008	306	5.0	446.67	555	-2	0.00	85.2	20.3	71	66.5
H	Feb 2008	486	8.4	446.44	551	-4	0.00	90.0	32.6	75	67.2
I	Mar 2008	744	12.1	446.47	551	1	0.00	90.0	49.8	75	67.0
S	Apr 2008	838	14.1	447.25	566	14	0.00	90.0	55.0	75	65.6
T	May 2008	684	11.1	448.84	596	30	0.00	90.0	46.4	75	67.9
O	Jun 2008	691	11.6	448.62	592	-4	0.00	90.0	47.3	75	68.4
R	Jul 2008	728	11.8	447.86	577	-14	0.00	90.0	48.9	75	67.3
I	Aug 2008	635	10.3	448.54	590	13	0.00	105.6	41.9	88	66.0
C	Sep 2008	519	8.7	448.19	584	-7	0.00	91.2	38.6	76	74.3
	WY 2008	6692							453.4		
A	Oct 2008	452	7.4	446.55	553	-31	0.00	90.0	31.2	75	68.9
L	Nov 2008	379	6.4	447.54	571	18	0.00	90.0	26.2	75	69.1
*	Dec 2008	236	3.8	446.81	558	-14	0.00	85.2	15.3	71	64.7
	Jan 2009	318	5.2	447.00	561	3	76.39	78.0	20.6	65	64.7
	Feb 2009	444	8.0	447.00	561	0	75.81	90.0	29.2	75	65.8
	Mar 2009	719	11.7	447.00	561	0	74.55	116.4	47.0	97	65.4
	Apr 2009	769	12.9	448.71	594	32	75.23	120.0	50.8	100	66.1
	May 2009	712	11.6	448.71	594	0	76.06	120.0	47.4	100	66.5
	Jun 2009	672	11.3	448.71	594	0	76.06	120.0	44.7	100	66.5
	Jul 2009	729	11.9	448.00	580	-14	75.72	120.0	48.3	100	66.3
	Aug 2009	636	10.3	447.50	571	-10	75.13	120.0	41.7	100	65.6
	Sep 2009	571	9.6	446.81	557	-13	75.95	90.0	37.9	75	66.4
	WY 2009	6638							440.2		
	Oct 2009	466	7.6	446.31	548	-9	75.37	90.0	30.4	75	65.3
	Nov 2009	378	6.4	446.50	552	3	75.41	86.4	24.5	72	64.8
	Dec 2009	315	5.1	446.50	552	0	75.65	84.0	20.2	70	64.1
	Jan 2010	345	5.6	446.50	552	0	75.51	86.4	22.2	72	64.4
	Feb 2010	449	8.1	446.50	552	0	75.19	92.4	29.3	77	65.3
	Mar 2010	715	11.6	446.70	555	4	74.01	120.0	46.4	100	65.0
	Apr 2010	766	12.9	448.71	594	38	75.09	120.0	50.5	100	66.0
	May 2010	708	11.5	448.71	594	0	76.06	120.0	47.1	100	66.5
	Jun 2010	672	11.3	448.71	594	0	76.06	120.0	44.7	100	66.5
	Jul 2010	726	11.8	448.00	580	-14	75.72	120.0	48.1	100	66.3
	Aug 2010	633	10.3	447.50	571	-10	75.13	120.0	41.5	100	65.6
	Sep 2010	569	9.6	446.81	557	-13	74.55	120.0	37.0	100	65.0
	WY 2010	6742							442.0		
	Oct 2010	464	7.5	446.31	548	-9	74.43	109.2	29.9	91	64.4
	Nov 2010	377	6.3	446.50	552	3	74.29	109.2	24.1	91	63.8
	Dec 2010	313	5.1	446.50	552	0	74.38	109.2	19.7	91	63.1

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Upper Basin Power

		Glen Canyon 1000 MWHR	Flam Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Res 1000 MWHR	Font Res 1000 MWHR
*	Jan 2008	330	19	25	31	15	2
H	Feb 2008	247	18	26	35	14	2
I	Mar 2008	299	19	14	16	9	2
	Winter 2008	1714	110	126	156	80	14
S	Apr 2008	280	20	38	55	23	2
T	May 2008	333	39	52	92	23	4
O	Jun 2008	348	68	40	63	22	7
R	Jul 2008	390	36	31	39	23	9
I	Aug 2008	400	36	36	42	22	8
C	Sep 2008	323	34	34	41	21	5
	Summer 2008	2075	233	232	331	134	35
A	Oct 2008	334	27	25	30	17	5
L	Nov 2008	267	25	9	12	6	4
*	Dec 2008	355	30	10	14	7	2
	Jan 2009	327	29	16	20	9	4
	Feb 2009	244	22	20	26	13	4
	Mar 2009	284	18	29	38	20	4
	Winter 2009	1810	151	109	140	72	23
	Apr 2009	284	17	29	42	22	4
	May 2009	308	44	21	36	23	7
	Jun 2009	399	58	21	33	22	9
	Jul 2009	442	32	35	42	23	10
	Aug 2009	442	32	38	45	23	9
	Sep 2009	255	31	36	43	22	6
	Summer 2009	2130	213	180	242	136	45
	Oct 2009	263	32	24	30	15	7
	Nov 2009	254	31	15	19	10	6
	Dec 2009	338	32	21	26	13	6
	Jan 2010	336	32	21	27	14	6
	Feb 2010	293	28	18	24	12	5
	Mar 2010	292	32	18	24	13	5
	Winter 2010	1774	185	117	150	77	34
	Apr 2010	312	31	18	27	15	5
	May 2010	336	61	19	33	22	7
	Jun 2010	442	57	21	32	22	9
	Jul 2010	475	41	35	42	23	10
	Aug 2010	473	41	38	45	23	9
	Sep 2010	257	39	35	42	21	6
	Summer 2010	2295	270	166	221	126	46
	Oct 2010	266	41	24	29	15	6
	Nov 2010	257	39	14	18	10	6
	Dec 2010	342	40	21	26	13	6

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F L O O D C O N T R O L C R I T E R I A
B E G I N N I N G O F M O N T H C O N D I T I O N S

MON	YEAR	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	LAKE POWELL KAF	UPPER BASIN TOTAL KAF	LAKE MEAD KAF	TOTAL KAF	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	TOT OR MAX ALLOW KAF	LAKE POWELL KAF	LAKE MEAD KAF	TOTAL KAF	BOM SPACE REQD KAF	MEAD SCHED REL KAF	MEAD FC REL KAF	SYS CONT MAF
		* * * * P R E D I C T E D S P A C E * * * *							* * * * C R E D I T A B L E S P A C E * * * *									
JAN	2009	934	246	418	10779	12378	14884	27261	934	246	418	1599	10779	14884	27261	5350	690	0	33.2
									* * * * E F F E C T I V E S P A C E * * * *									
JAN	2009	934	246	418	10779	12378	14884	27261	443	246	304	994	10779	14884	26656	5350	690	0	33.2
FEB	2009	982	274	434	11134	12824	14711	27535	490	274	320	1083	11134	14711	26928	1500	672	0	33.0
MAR	2009	1010	319	436	11292	13056	14716	27772	515	319	320	1153	11292	14716	27162	1500	985	0	32.6
APR	2009	994	382	393	11409	13177	14959	28137	494	382	275	1151	11409	14959	27520	1500	1083	0	32.6
MAY	2009	922	408	266	11291	12887	15311	28198	416	408	129	953	11291	15311	27555	1500	1017	0	33.8
JUN	2009	820	256	236	10126	11438	15576	27014	304	254	67	625	10126	15576	26327	1500	904	0	35.7
JUL	2009	641	49	271	8570	9531	15600	25130	108	24	53	185	8570	15600	24355	1500	906	0	36.1
									* * * * C R E D I T A B L E S P A C E * * * *									
AUG	2009	550	27	269	8331	9177	15522	24699	550	27	269	846	8331	15522	24699	1500	827	0	35.8
SEP	2009	562	73	281	8706	9622	15321	24943	562	73	281	915	8706	15321	24943	2270	710	0	35.4
OCT	2009	602	144	279	8760	9784	15436	25221	602	144	279	1025	8760	15436	25221	3040	468	0	35.3
NOV	2009	637	185	275	8836	9933	15308	25242	637	185	275	1097	8836	15308	25242	3810	492	0	35.3
DEC	2009	674	204	273	8895	10046	15212	25257	674	204	273	1150	8895	15212	25257	4580	510	0	35.3
JAN	2010	725	248	282	9182	10437	14939	25376	725	248	282	1255	9182	14939	25376	5350	679	0	35.1
									* * * * E F F E C T I V E S P A C E * * * *									
JAN	2010	725	248	282	9182	10437	14939	25376	444	248	220	913	9182	14939	25034	5350	679	0	35.1
FEB	2010	773	295	292	9491	10852	14756	25609	490	295	230	1016	9491	14756	25263	1500	662	0	34.9
MAR	2010	809	334	291	9727	11161	14658	25820	523	334	228	1085	9727	14658	25471	1500	1002	0	34.6
APR	2010	797	361	245	9855	11257	14917	26175	507	361	175	1043	9855	14917	25815	1500	1083	0	34.5
MAY	2010	746	351	149	9856	11102	15223	26325	448	351	60	859	9856	15223	25939	1500	1011	0	35.5
JUN	2010	660	218	163	8874	9914	15436	25350	353	213	41	607	8874	15436	24917	1500	903	0	37.1
JUL	2010	433	38	218	7653	8342	15380	23722	109	11	48	167	7653	15380	23200	1500	905	0	37.4
									* * * * C R E D I T A B L E S P A C E * * * *									
AUG	2010	343	27	222	7579	8171	15243	23413	343	27	222	592	7579	15243	23413	1500	826	0	37.1
SEP	2010	372	79	235	8030	8715	14982	23697	372	79	235	685	8030	14982	23697	2270	706	0	36.7
OCT	2010	432	149	235	8080	8895	15095	23990	432	149	235	815	8080	15095	23990	3040	464	0	36.5
NOV	2010	490	188	231	8139	9048	14964	24012	490	188	231	909	8139	14964	24012	3810	527	0	36.5
DEC	2010	549	205	231	8178	9163	14901	24063	549	205	231	985	8178	14901	24063	4580	545	0	36.4

To: All Annual Operating Plan Recipients

From: Lower Colorado Region
Boulder Canyon Operations Office
River Operations Group
Bruce Williams
P.O. Box 61470
Boulder City, NV 89006-1470
Phone: 702-293-8571

The operation of Lake Powell and Lake Mead in this February 2009 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines), and reflects the 2009 Annual Operating Plan (AOP). Pursuant to the Interim Guidelines, the Upper Elevation Balancing Tier is the operational tier for water year 2009 for Glen Canyon Dam. The Intentionally Created Surplus (ICS) Surplus condition is the criterion governing the operation of Lake Mead for calendar year 2009.

The Interim Guidelines are available for download at http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf. The 2009 AOP is available for download at http://www.usbr.gov/uc/water/rsvrs/ops/aop/AOP09_final.pdf.

This February 24-Month Study projects that the annual release volume from Glen Canyon Dam for water year 2009 will be 9.431 million acre-feet (maf) consistent with Sections 6.B.3 and 6.A.1 of the Interim Guidelines. The Interim Guidelines contain a provision for an April adjustment to the operational parameters for Lake Powell when specific conditions occur. The operations reflected in this February 24-Month Study are consistent with this provision. It should be noted that such adjustments, as well as the coordinated operations in general, are sensitive to current inflow projections and may therefore change from month to month as new inflow projections are incorporated.

In this study, the Calendar Year (CY) 2009 diversion for Metropolitan Water District of Southern California (MWD) is forecasted to be 0.851 maf. The CY 2009 diversion for the Central Arizona Project (CAP) is forecasted to be 1.506 maf. Consumptive use for Nevada above Hoover is forecasted to be 0.321 maf for CY 2009.

Due to declining Lake Mead elevations, Hoover's generator capacity is adjusted based on estimated effective capacity and plant availability. The estimated effective capacity is based on projected Lake Mead elevations. Unit capacity tests will be performed as the lake elevation changes in 2-foot increments. This study reflects these changes in the projections.

Current runoff projections into Lake Powell are provided by the National Weather Service's Colorado Basin River Forecast Center and are as follows: Observed unregulated inflow into Lake Powell for the month of January 2009 was 0.329 maf or 81% of the 30 year average. The forecast for February 2009 unregulated inflow into Lake Powell is 0.375 maf or 89% of the 30 year average. The forecast for the April through July unregulated inflow is projected to be 8.0 maf or 101% of average.

Hoover, Davis, and Parker historical gross energy figures come from PO&M reports provided by the Power and O&M Group, Boulder Canyon Operations Office, Bureau of Reclamation, Boulder City, Nevada. Questions regarding these historical energy numbers can be directed to Larry Karr at (702) 293-8094.

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T E M R E S E R V O I R S

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Fontenelle Reservoir

		Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Feb 2008	25	0	40	1	41	6468.13	111
H	Mar 2008	32	0	43	0	43	6465.20	100
I	Apr 2008	53	1	42	0	42	6467.95	111
S	May 2008	132	1	64	1	65	6481.73	177
T	Jun 2008	224	2	100	0	101	6499.83	298
O	Jul 2008	173	3	104	34	138	6503.99	330
R	Aug 2008	47	2	91	0	91	6497.83	283
I	Sep 2008	36	2	63	0	63	6493.80	254
	WY 2008	838	14	712	44	756		
C	Oct 2008	43	1	65	0	65	6490.51	231
A	Nov 2008	41	1	48	13	61	6487.43	211
L	Dec 2008	30	1	26	35	60	6482.26	180
*	Jan 2009	33	1	61	0	61	6476.93	151
	Feb 2009	25	0	53	0	53	6470.85	123
	Mar 2009	45	0	58	0	58	6467.53	109
	Apr 2009	95	1	64	0	64	6474.61	140
	May 2009	176	1	101	3	105	6487.20	210
	Jun 2009	308	2	104	115	218	6499.75	297
	Jul 2009	186	3	101	37	138	6505.54	342
	Aug 2009	83	2	92	0	92	6504.06	330
	Sep 2009	49	2	58	11	70	6501.12	307
	WY 2009	1113	15	830	214	1044		
	Oct 2009	49	1	72	0	72	6497.83	283
	Nov 2009	41	1	70	0	70	6493.71	253
	Dec 2009	32	1	72	0	72	6487.63	213
	Jan 2010	30	1	72	0	72	6480.51	170
	Feb 2010	27	1	65	0	65	6472.80	131
	Mar 2010	51	0	72	0	72	6467.85	110
	Apr 2010	89	1	83	0	83	6469.05	115
	May 2010	176	1	99	3	101	6483.79	189
	Jun 2010	308	2	103	93	196	6499.86	298
	Jul 2010	186	3	101	38	138	6505.64	343
	Aug 2010	83	2	100	5	105	6502.59	319
	Sep 2010	49	2	68	0	68	6499.85	298
	WY 2010	1120	15	976	138	1114		
	Oct 2010	49	1	70	0	70	6496.76	275
	Nov 2010	41	1	68	0	68	6492.85	247
	Dec 2010	32	1	70	0	70	6486.99	209
	Jan 2011	30	1	70	0	70	6480.12	167

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Flaming Gorge Reservoir

	Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Yampa Flow 1000 Ac-Ft	Jensen Flow 1000 Ac-Ft
* Feb 2008	33	49	2	47	0	47	84	6021.15	3020	0	61
H Mar 2008	59	70	3	50	0	50	84	6021.55	3035	0	141
I Apr 2008	83	71	5	53	0	53	85	6021.85	3045	0	231
S May 2008	176	110	7	101	0	101	85	6021.85	3045	0	793
T Jun 2008	284	161	10	177	0	177	84	6021.15	3020	0	917
O Jul 2008	188	153	12	93	0	93	86	6022.43	3066	0	306
R Aug 2008	48	92	12	92	0	92	85	6022.11	3055	0	132
I Sep 2008	40	67	10	89	0	89	84	6021.25	3024	0	126
WY 2008	1023	943	75	893	10	903					3017
C Oct 2008	45	67	7	71	0	71	83	6020.97	3014	0	119
A Nov 2008	47	66	3	65	0	65	83	6020.91	3012	0	107
L Dec 2008	17	48	2	79	0	79	82	6020.01	2980	0	116
* Jan 2009	39	67	2	80	0	80	82	6019.63	2967	0	752
Feb 2009	35	63	2	61	0	61	82	6019.61	2966	0	61
Mar 2009	65	78	3	50	0	50	83	6020.31	2991	0	50
Apr 2009	115	84	5	48	0	48	84	6021.16	3021	0	48
May 2009	237	166	7	108	0	108	86	6022.51	3069	0	108
Jun 2009	360	271	10	171	0	171	89	6024.86	3155	0	171
Jul 2009	198	150	13	87	0	87	91	6026.14	3203	0	87
Aug 2009	90	100	12	87	0	87	91	6026.14	3203	0	87
Sep 2009	57	78	11	84	0	84	90	6025.68	3185	0	84
WY 2009	1305	1237	77	992	0	992					1791
Oct 2009	59	83	7	87	0	87	90	6025.38	3174	0	87
Nov 2009	51	80	3	84	0	84	90	6025.17	3167	0	84
Dec 2009	37	77	2	87	0	87	89	6024.85	3155	0	87
Jan 2010	41	83	2	87	0	87	89	6024.70	3149	0	87
Feb 2010	45	83	2	79	0	79	89	6024.76	3151	0	79
Mar 2010	103	124	3	87	0	87	90	6025.64	3184	0	87
Apr 2010	142	137	5	84	0	84	92	6026.86	3229	0	84
May 2010	263	189	8	156	0	156	93	6027.48	3253	0	156
Jun 2010	400	288	10	167	0	167	97	6030.28	3360	0	167
Jul 2010	219	172	14	112	0	112	99	6031.41	3404	0	112
Aug 2010	97	118	13	112	0	112	99	6031.24	3397	0	112
Sep 2010	58	78	11	109	0	109	97	6030.19	3356	0	109
WY 2010	1516	1511	80	1253	0	1253					1253
Oct 2010	59	81	7	112	0	112	96	6029.23	3319	0	112
Nov 2010	51	78	3	109	0	109	94	6028.37	3287	0	109
Dec 2010	37	75	2	112	0	112	93	6027.38	3249	0	112
Jan 2011	41	81	2	112	0	112	92	6026.55	3218	0	112

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Taylor Park Reservoir

		Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Feb 2008	4	4	9314.99	78
H	Mar 2008	4	7	9313.24	75
I	Apr 2008	7	19	9305.56	63
S	May 2008	36	29	9310.30	70
T	Jun 2008	65	40	9324.75	96
O	Jul 2008	29	34	9322.03	91
R	Aug 2008	12	23	9315.69	79
I	Sep 2008	8	15	9311.36	72
	WY 2008	186	192		
C	Oct 2008	7	7	9311.31	72
A	Nov 2008	5	5	9311.19	72
L	Dec 2008	6	5	9311.34	72
*	Jan 2009	5	5	9311.21	72
	Feb 2009	4	5	9310.43	71
	Mar 2009	4	5	9310.09	70
	Apr 2009	11	12	9309.34	69
	May 2009	29	20	9314.77	78
	Jun 2009	46	22	9327.57	101
	Jul 2009	22	24	9326.41	99
	Aug 2009	10	18	9322.46	91
	Sep 2009	7	14	9318.70	85
	WY 2009	156	143		
	Oct 2009	6	10	9316.48	81
	Nov 2009	5	6	9315.84	80
	Dec 2009	4	6	9314.92	78
	Jan 2010	4	6	9313.84	76
	Feb 2010	4	6	9312.47	74
	Mar 2010	4	6	9311.40	72
	Apr 2010	8	10	9310.36	70
	May 2010	27	18	9315.88	80
	Jun 2010	43	22	9327.17	101
	Jul 2010	20	22	9326.36	99
	Aug 2010	10	22	9320.02	87
	Sep 2010	7	15	9315.48	79
	WY 2010	143	149		
	Oct 2010	6	10	9313.16	75
	Nov 2010	5	6	9312.48	74
	Dec 2010	4	6	9311.52	72
	Jan 2011	4	6	9310.39	71

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Blue Mesa Reservoir

	Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir elevation EOM Feet	Live Storage 1000 Ac-Ft
* Feb 2008	31	31	0	97	0	97	7472.73	454
H Mar 2008	36	39	0	53	0	53	7470.50	439
I Apr 2008	107	119	1	147	0	147	7466.24	411
S May 2008	318	312	1	199	50	250	7475.27	472
T Jun 2008	409	383	1	143	20	163	7503.56	691
O Jul 2008	172	176	1	103	0	103	7511.87	762
R Aug 2008	70	82	1	119	0	119	7507.44	724
I Sep 2008	35	42	1	115	0	115	7498.61	650
WY 2008	1324	1329	8	1287	70	1358		
C Oct 2008	33	33	1	85	0	85	7492.14	598
A Nov 2008	27	28	0	33	0	33	7491.42	592
L Dec 2008	28	27	0	36	0	36	7490.25	583
* Jan 2009	26	27	0	39	0	39	7488.62	571
Feb 2009	22	23	0	45	0	45	7485.75	549
Mar 2009	36	37	0	93	0	93	7478.04	492
Apr 2009	95	96	1	109	0	109	7476.22	479
May 2009	230	221	1	119	0	119	7489.83	580
Jun 2009	294	270	1	68	0	68	7513.96	781
Jul 2009	131	133	2	110	0	110	7516.42	803
Aug 2009	65	73	1	121	0	121	7510.84	753
Sep 2009	37	44	1	111	0	111	7502.89	685
WY 2009	1025	1012	9	969	0	969		
Oct 2009	35	39	1	80	0	80	7497.84	644
Nov 2009	31	32	0	50	0	50	7495.55	625
Dec 2009	25	27	0	70	0	70	7490.00	581
Jan 2010	24	26	0	73	0	73	7483.80	534
Feb 2010	22	24	0	62	0	62	7478.55	495
Mar 2010	34	36	0	63	0	63	7474.74	468
Apr 2010	73	75	1	64	0	64	7476.20	479
May 2010	212	203	1	69	0	69	7493.84	612
Jun 2010	271	250	1	69	0	69	7515.22	792
Jul 2010	121	122	2	110	0	110	7516.40	803
Aug 2010	62	74	1	122	0	122	7510.78	753
Sep 2010	36	44	1	113	0	113	7502.61	683
WY 2010	946	951	9	945	0	945		
Oct 2010	35	39	1	78	0	78	7497.80	643
Nov 2010	31	32	0	48	0	48	7495.75	627
Dec 2010	25	27	0	72	0	72	7490.00	581
Jan 2011	24	26	0	73	0	73	7483.80	534

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Morrow Point Reservoir

	Unreg Inflow 1000 Ac-Ft	Blue_Mesa Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Evap losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
* Feb 2008	26	97	-5	92	0	99	0	99	7146.95	107
H Mar 2008	34	53	-2	52	0	45	0	45	7155.12	113
I Apr 2008	109	147	1	148	0	153	0	153	7149.81	109
S May 2008	343	250	25	275	0	255	24	278	7144.87	105
T Jun 2008	432	163	23	186	0	177	4	180	7152.31	111
O Jul 2008	178	103	6	109	0	108	0	108	7152.94	111
R Aug 2008	71	119	0	120	0	117	0	117	7156.16	114
I Sep 2008	35	115	0	115	0	115	0	115	7155.78	114
WY 2008	1358	1358	34	1392	1	1365	27	1392		
C Oct 2008	33	85	0	85	0	86	0	86	7153.95	112
A Nov 2008	29	33	2	35	0	35	0	35	7153.60	112
L Dec 2008	29	36	2	38	0	39	0	39	7152.11	111
* Jan 2009	28	39	1	40	0	43	0	43	7148.12	108
Feb 2009	25	45	3	48	0	43	0	43	7153.73	112
Mar 2009	40	93	4	97	0	97	0	97	7153.73	112
Apr 2009	109	109	14	123	0	123	0	123	7153.73	112
May 2009	257	119	27	146	0	146	0	146	7153.73	112
Jun 2009	316	68	22	91	0	91	0	91	7153.73	112
Jul 2009	138	110	7	117	0	117	0	117	7153.73	112
Aug 2009	69	121	4	125	0	125	0	125	7153.73	112
Sep 2009	40	111	3	114	0	114	0	114	7153.73	112
WY 2009	1113	969	88	1057	0	1058	0	1058		
Oct 2009	38	80	3	83	0	83	0	83	7153.73	112
Nov 2009	33	50	2	52	0	52	0	52	7153.73	112
Dec 2009	27	70	2	72	0	72	0	72	7153.73	112
Jan 2010	26	73	2	75	0	75	0	75	7153.73	112
Feb 2010	25	62	3	65	0	65	0	65	7153.73	112
Mar 2010	38	63	4	67	0	67	0	67	7153.73	112
Apr 2010	84	64	11	75	0	75	0	75	7153.73	112
May 2010	237	69	25	94	0	94	0	94	7153.73	112
Jun 2010	292	69	21	90	0	90	0	90	7153.73	112
Jul 2010	127	110	7	117	0	117	0	117	7153.73	112
Aug 2010	65	122	4	126	0	126	0	126	7153.73	112
Sep 2010	39	113	3	116	0	116	0	116	7153.73	112
WY 2010	1032	945	86	1031	0	1031	0	1031		
Oct 2010	38	78	3	81	0	81	0	81	7153.73	112
Nov 2010	33	48	2	50	0	50	0	50	7153.73	112
Dec 2010	27	72	2	74	0	74	0	74	7153.73	112
Jan 2011	26	73	2	75	0	75	0	75	7153.73	112

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Crystal Reservoir

	unreg Inflow 1000 Ac-Ft	Morrow Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Tunnel Flow 1000 Ac-Ft	Below_tunnel Flow 1000 Ac-Ft
* Feb 2008	30	99	4	103	72	31	103	6749.17	16	1	108
H Mar 2008	41	45	6	52	52	0	52	6749.59	16	1	54
I Apr 2008	124	153	16	168	127	40	168	6751.31	16	23	150
S May 2008	388	278	45	323	130	191	321	6760.22	19	54	275
T Jun 2008	484	180	52	232	118	116	234	6753.95	17	47	196
O Jul 2008	191	108	13	121	123	0	123	6747.80	15	62	72
R Aug 2008	75	117	5	122	123	0	123	6742.41	14	66	65
I Sep 2008	38	115	3	118	118	0	118	6741.71	14	61	62
WY 2008	1520	1392	162	1554	1164	391	1555			356	1273
C Oct 2008	36	86	3	89	89	0	89	6744.34	15	55	45
A Nov 2008	33	35	4	38	39	0	39	6742.20	14	1	39
L Dec 2008	32	39	3	42	42	0	42	6742.53	14	1	44
* Jan 2009	31	43	4	47	38	9	47	6741.02	14	1	49
Feb 2009	29	43	4	48	44	0	44	6753.04	17	0	44
Mar 2009	48	97	8	105	105	0	105	6753.04	17	5	100
Apr 2009	116	123	7	130	130	0	130	6753.04	17	30	99
May 2009	293	146	36	182	134	48	182	6753.04	17	55	127
Jun 2009	356	91	39	130	130	0	130	6753.04	17	60	70
Jul 2009	155	117	18	134	134	0	134	6753.04	17	65	69
Aug 2009	77	125	9	133	133	0	133	6753.04	17	65	68
Sep 2009	46	114	7	120	120	0	120	6753.04	17	55	65
WY 2009	1253	1058	141	1199	1139	57	1196			391	820
Oct 2009	44	83	7	89	89	0	89	6753.04	17	30	59
Nov 2009	38	52	5	57	57	0	57	6753.04	17	0	57
Dec 2009	32	72	5	77	77	0	77	6753.04	17	0	77
Jan 2010	31	75	5	80	80	0	80	6753.04	17	0	80
Feb 2010	29	65	4	69	69	0	69	6753.04	17	0	69
Mar 2010	46	67	7	74	74	0	74	6753.04	17	5	69
Apr 2010	96	75	12	87	87	0	87	6753.04	17	30	57
May 2010	272	94	35	129	129	0	129	6753.04	17	55	74
Jun 2010	330	90	38	128	128	0	128	6753.04	17	60	68
Jul 2010	144	117	17	134	134	0	134	6753.04	17	65	69
Aug 2010	74	126	8	134	134	0	134	6753.04	17	65	69
Sep 2010	45	116	6	122	122	0	122	6753.04	17	55	67
WY 2010	1183	1031	151	1182	1182	0	1182			365	817
Oct 2010	44	81	7	87	87	0	87	6753.04	17	30	57
Nov 2010	38	50	5	55	55	0	55	6753.04	17	0	55
Dec 2010	32	74	5	79	79	0	79	6753.04	17	0	79
Jan 2011	31	75	5	80	80	0	80	6753.04	17	0	80

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Vallecito Reservoir

		Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Feb 2008	6	17	7640.08	65
H	Mar 2008	11	36	7626.73	39
I	Apr 2008	33	29	7628.85	43
S	May 2008	77	38	7647.76	82
T	Jun 2008	84	43	7663.79	122
O	Jul 2008	32	40	7660.68	114
R	Aug 2008	15	39	7651.24	90
I	Sep 2008	11	31	7642.57	70
	WY 2008	305	315		
C	Oct 2008	9	14	7640.18	65
A	Nov 2008	5	2	7641.75	68
L	Dec 2008	5	2	7643.06	71
*	Jan 2009	5	2	7644.39	74
	Feb 2009	5	4	7644.72	75
	Mar 2009	7	5	7645.70	77
	Apr 2009	21	15	7648.15	83
	May 2009	78	50	7659.11	110
	Jun 2009	87	72	7664.55	124
	Jul 2009	35	43	7661.15	115
	Aug 2009	21	43	7652.22	92
	Sep 2009	18	33	7645.92	77
	WY 2009	295	284		
	Oct 2009	13	21	7642.23	69
	Nov 2009	8	8	7642.28	69
	Dec 2009	6	5	7642.87	70
	Jan 2010	5	5	7643.09	71
	Feb 2010	5	4	7643.23	71
	Mar 2010	8	5	7644.69	75
	Apr 2010	22	13	7648.46	83
	May 2010	69	43	7658.91	109
	Jun 2010	78	63	7664.13	123
	Jul 2010	31	43	7659.33	110
	Aug 2010	19	40	7650.86	89
	Sep 2010	17	31	7644.84	75
	WY 2010	281	280		
	Oct 2010	13	19	7642.01	69
	Nov 2010	8	7	7642.52	70
	Dec 2010	6	5	7642.93	71
	Jan 2011	5	5	7643.15	71

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Navajo Reservoir

	Mod_Unreg Inflow 1000 Ac-Ft	Azetea Tunnel_Div 1000 Ac-Ft	Reg Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	NIIP Diversion 1000 ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Farm Flow 1000 Ac-Ft
* Feb 2008	38	0	48	1	0	122	6062.59	1381	160
H Mar 2008	147	6	167	2	6	219	6057.91	1321	284
I Apr 2008	242	27	218	2	21	156	6060.97	1360	240
S May 2008	328	45	243	4	31	149	6065.54	1420	303
T Jun 2008	307	49	214	4	39	221	6061.77	1370	411
O Jul 2008	82	14	74	4	40	32	6061.63	1369	103
R Aug 2008	31	3	51	4	36	40	6059.46	1341	58
I Sep 2008	31	2	49	3	22	45	6057.74	1319	57
WY 2008	1336	146	1204	28	206	1160			1887
C Oct 2008	29	0	34	2	11	33	6056.83	1308	45
A Nov 2008	21	0	17	1	0	30	6055.68	1294	47
L Dec 2008	19	0	16	1	0	31	6054.38	1278	48
* Jan 2009	22	0	19	1	1	31	6053.29	1265	54
Feb 2009	27	0	26	1	0	28	6053.07	1262	28
Mar 2009	85	0	82	2	4	31	6056.85	1308	31
Apr 2009	175	27	142	2	15	34	6063.90	1398	34
May 2009	330	43	259	4	26	200	6066.08	1427	200
Jun 2009	292	36	241	4	41	212	6064.84	1411	212
Jul 2009	88	6	90	5	43	31	6065.76	1423	31
Aug 2009	49	1	70	4	36	31	6065.69	1422	31
Sep 2009	45	1	59	3	20	30	6066.10	1427	30
WY 2009	1182	115	1056	28	199	721			790
Oct 2009	38	2	44	2	7	31	6066.44	1432	31
Nov 2009	33	0	32	1	0	30	6066.56	1434	30
Dec 2009	24	0	23	1	0	31	6065.90	1425	31
Jan 2010	22	0	21	1	0	31	6065.13	1415	31
Feb 2010	30	0	30	1	0	28	6065.21	1416	28
Mar 2010	88	2	83	2	4	31	6068.66	1462	31
Apr 2010	174	16	149	3	16	34	6075.48	1558	34
May 2010	279	33	219	4	28	200	6074.56	1545	200
Jun 2010	246	29	203	5	43	212	6070.50	1488	212
Jul 2010	74	7	79	5	46	31	6070.33	1485	31
Aug 2010	43	3	61	4	39	31	6069.47	1473	31
Sep 2010	42	1	55	3	22	30	6069.50	1474	30
WY 2010	1094	93	999	30	205	718			718
Oct 2010	38	0	44	2	7	31	6069.80	1478	31
Nov 2010	33	0	32	1	1	30	6069.78	1477	30
Dec 2010	24	0	23	1	1	31	6069.09	1468	31
Jan 2011	22	0	21	1	0	31	6068.34	1458	31

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Lake Powell

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	PowerPlant Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Bank Storage 1000 Ac-Ft	EOM Storage 1000 Ac-Ft	Lees Ferry 1000 Ac-Ft
*	Feb 2008	412	588	8	602	0	602	3590.66	18442	10880	612
H	Mar 2008	589	714	13	737	93	830	3589.77	18393	10800	850
I	Apr 2008	1003	982	21	678	0	678	3594.09	18280	11195	691
S	May 2008	2644	2328	27	790	0	790	3610.81	18174	12812	807
T	Jun 2008	3568	3292	49	791	0	791	3631.05	18346	14971	810
O	Jul 2008	1691	1412	63	865	0	865	3633.00	18364	15192	887
R	Aug 2008	477	584	62	890	0	890	3629.55	18333	14803	914
I	Sep 2008	373	539	56	723	0	723	3626.90	18309	14509	738
	WY 2008	12355	12326	396	8885	93	8978				9164
C	Oct 2008	372	488	38	749	0	749	3623.82	18282	14172	762
A	Nov 2008	415	452	36	603	0	603	3621.90	18266	13966	612
L	Dec 2008	320	394	28	801	0	801	3617.89	18232	13541	819
*	Jan 2009	329	394	9	802	0	802	3614.17	18201	13155	822
	Feb 2009	375	418	19	600	0	600	3612.35	18186	12968	600
	Mar 2009	600	592	24	625	0	625	3611.83	18182	12915	625
	Apr 2009	1000	848	27	750	0	750	3612.47	18187	12981	750
	May 2009	2395	2095	38	775	0	775	3623.78	18282	14168	775
	Jun 2009	3113	2696	46	981	0	981	3637.53	18406	15713	981
	Jul 2009	1491	1351	55	1080	0	1080	3639.24	18422	15914	1080
	Aug 2009	607	680	56	1065	0	1065	3635.74	18389	15505	1065
	Sep 2009	476	584	48	600	0	600	3635.23	18384	15446	600
	WY 2009	11494	10991	423	9431	0	9431				9490
	Oct 2009	506	581	43	620	0	620	3634.56	18378	15370	620
	Nov 2009	523	573	36	600	0	600	3634.06	18374	15312	600
	Dec 2009	418	520	30	800	0	800	3631.54	18351	15026	800
	Jan 2010	384	489	22	800	0	800	3628.78	18326	14717	800
	Feb 2010	395	466	21	700	0	700	3626.65	18307	14482	700
	Mar 2010	628	589	26	700	0	700	3625.50	18297	14355	700
	Apr 2010	952	777	29	700	0	700	3625.91	18301	14400	700
	May 2010	2161	1894	40	800	0	800	3634.61	18379	15375	800
	Jun 2010	2808	2411	49	1004	0	1004	3645.26	18479	16633	1004
	Jul 2010	1345	1237	57	1090	0	1090	3645.95	18486	16717	1090
	Aug 2010	566	671	58	1075	0	1075	3642.41	18452	16290	1075
	Sep 2010	459	597	50	600	0	600	3642.00	18448	16241	600
	WY 2010	11147	10806	459	9489	0	9489				9489
	Oct 2010	506	602	45	620	0	620	3641.52	18443	16183	620
	Nov 2010	523	596	37	600	0	600	3641.20	18440	16145	600
	Dec 2010	418	548	31	800	0	800	3638.98	18419	15883	800
	Jan 2011	384	514	23	800	0	800	3636.53	18396	15597	800

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Hoover Dam - Lake Mead

		Glen Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release CFS	SNWP Use 1000 Ac-Ft	Dwnstrm Reqmnts 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
*	Feb 2008	602	147	32	659	11.5	10	658	849	1116.93	13062
H	Mar 2008	830	116	35	1025	16.7	17	1023	841	1115.65	12940
I	Apr 2008	678	40	44	1159	19.5	24	1155	810	1110.61	12463
S	May 2008	790	49	49	1113	18.1	30	1110	789	1107.05	12132
T	Jun 2008	791	44	59	949	15.9	30	949	776	1104.98	11941
O	Jul 2008	865	63	73	876	14.2	33	874	773	1104.42	11890
R	Aug 2008	890	95	78	804	13.1	34	789	777	1105.13	11955
I	Sep 2008	723	77	64	652	11.0	22	642	781	1105.76	12013
	WY 2008	8978	912	606	9531		278	9468			
C	Oct 2008	749	47	47	508	8.3	26	498	794	1107.94	12213
A	Nov 2008	603	73	47	675	11.3	14	659	790	1107.33	12157
L	Dec 2008	801	63	41	453	7.4	8	432	812	1110.97	12496
*	Jan 2009	802	73	34	741	12.1	19	739	817	1111.78	12572
	Feb 2009	600	134	31	666	12.0	18	666	818	1111.97	12590
	Mar 2009	625	96	35	1020	16.6	25	1020	796	1108.36	12253
	Apr 2009	750	75	42	1127	18.9	23	1127	774	1104.62	11909
	May 2009	775	70	48	1018	16.6	32	1018	759	1101.99	11670
	Jun 2009	981	24	58	906	15.2	30	906	759	1102.11	11681
	Jul 2009	1080	61	73	908	14.8	32	908	767	1103.45	11802
	Aug 2009	1065	110	78	817	13.3	33	817	782	1106.00	12035
	Sep 2009	600	78	64	684	11.5	28	684	776	1105.00	11943
	WY 2009	9431	904	597	9525		286	9475			
	Oct 2009	620	73	47	456	7.4	36	456	786	1106.57	12087
	Nov 2009	600	73	47	477	8.0	25	477	793	1107.83	12204
	Dec 2009	800	65	41	489	8.0	20	489	812	1111.00	12500
	Jan 2010	800	131	34	678	11.0	19	678	825	1113.00	12688
	Feb 2010	700	134	31	667	12.0	18	667	832	1114.17	12799
	Mar 2010	700	96	35	1013	16.5	25	1013	815	1111.42	12539
	Apr 2010	700	75	43	1136	19.1	23	1136	789	1107.12	12138
	May 2010	800	70	49	1009	16.4	32	1009	776	1104.87	11931
	Jun 2010	1004	24	59	902	15.2	30	902	778	1105.26	11967
	Jul 2010	1090	61	74	902	14.7	32	902	787	1106.73	12102
	Aug 2010	1075	110	79	811	13.2	33	811	803	1109.39	12348
	Sep 2010	600	78	65	679	11.4	28	679	797	1108.44	12261
	WY 2010	9489	990	603	9218		320	9218			
	Oct 2010	620	73	48	453	7.4	36	453	806	1110.01	12407
	Nov 2010	600	73	48	515	8.7	25	515	812	1110.86	12486
	Dec 2010	800	65	42	531	8.6	20	531	828	1113.57	12742
	Jan 2011	800	131	34	677	11.0	19	677	841	1115.56	12931

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Davis Dam - Lake Mohave

		Hoover Release 1000 Ac-Ft	Side inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Spill Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release CFS	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
*	Feb 2008	659	-12	717	0	717	12.5	639.09	1593
H	Mar 2008	1025	-26	974	0	974	15.8	640.01	1618
I	Apr 2008	1159	-23	1104	0	1104	18.6	641.20	1650
S	May 2008	1113	-45	993	0	993	16.2	643.95	1725
T	Jun 2008	949	-34	932	0	932	15.7	643.36	1709
O	Jul 2008	876	-23	896	0	896	14.6	641.79	1666
R	Aug 2008	804	-26	798	0	798	13.0	641.06	1646
I	Sep 2008	652	-15	698	0	698	11.7	638.80	1585
	WY 2008	9531	-285	9205	0	9205			
C	Oct 2008	508	-18	632	0	632	10.3	633.37	1444
A	Nov 2008	675	-23	603	0	603	10.1	635.28	1493
L	Dec 2008	453	-23	339	0	339	5.5	638.77	1585
*	Jan 2009	741	-25	655	0	655	10.6	641.08	1647
	Feb 2009	666	-15	600	0	600	10.8	643.00	1699
	Mar 2009	1020	-26	980	0	980	15.9	643.50	1712
	Apr 2009	1127	-28	1112	0	1112	18.7	643.01	1699
	May 2009	1018	-35	983	0	983	16.0	643.01	1699
	Jun 2009	906	-27	907	0	907	15.2	642.00	1671
	Jul 2009	908	-23	898	0	898	14.6	641.50	1658
	Aug 2009	817	-25	792	0	792	12.9	641.50	1658
	Sep 2009	684	-17	761	0	761	12.8	638.00	1564
	WY 2009	9525	-285	9260	0	9260			
	Oct 2009	456	-4	581	0	581	9.5	633.00	1434
	Nov 2009	477	-18	433	0	433	7.3	634.00	1460
	Dec 2009	489	-20	346	0	346	5.6	638.71	1583
	Jan 2010	678	-22	573	0	573	9.3	641.80	1666
	Feb 2010	667	-15	652	0	652	11.7	641.80	1666
	Mar 2010	1013	-26	953	0	953	15.5	643.05	1700
	Apr 2010	1136	-28	1109	0	1109	18.6	643.01	1699
	May 2010	1009	-35	974	0	974	15.8	643.01	1699
	Jun 2010	902	-27	902	0	902	15.2	642.00	1671
	Jul 2010	902	-23	893	0	893	14.5	641.50	1658
	Aug 2010	811	-25	786	0	786	12.8	641.50	1658
	Sep 2010	679	-17	756	0	756	12.7	638.00	1564
	WY 2010	9218	-260	8958	0	8958			
	Oct 2010	453	-4	579	0	579	9.4	633.00	1434
	Nov 2010	515	-18	471	0	471	7.9	634.00	1460
	Dec 2010	531	-20	388	0	388	6.3	638.71	1583
	Jan 2011	677	-22	572	0	572	9.3	641.80	1666

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Parker Dam - Lake Havasu

		Davis Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	MWD Diversion 1000 Ac-Ft	CAP diversion 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft	Flow_to Mexico 1000 Ac-Ft	Flow_to Mexico 1000 CFS
*	Feb 2008	717	-11	486	8.4	67	157	446.44	551	155	2.7
H	Mar 2008	974	-15	744	12.1	46	168	446.47	551	205	3.3
I	Apr 2008	1104	-10	838	14.1	76	166	447.25	566	202	3.4
S	May 2008	993	-11	684	11.1	97	172	448.84	596	113	1.8
T	Jun 2008	932	-25	691	11.6	94	126	448.62	592	115	1.9
O	Jul 2008	896	-18	728	11.8	87	78	447.86	577	122	2.0
R	Aug 2008	798	-2	635	10.3	82	65	448.54	590	109	1.8
I	Sep 2008	698	-10	519	8.7	82	94	448.19	584	99	1.7
	WY 2008	9205	-80	6692		803	1622			1560	
C	Oct 2008	632	3	452	7.4	77	136	446.55	553	84	1.4
A	Nov 2008	603	16	379	6.4	53	168	447.54	571	118	2.0
L	Dec 2008	339	15	236	3.8	67	65	446.81	558	139	2.3
*	Jan 2009	655	-6	379	6.2	100	171	446.67	555	121	2.0
	Feb 2009	600	28	385	6.9	75	161	447.00	561	149	2.7
	Mar 2009	980	30	728	11.8	99	184	447.00	561	206	3.4
	Apr 2009	1112	-6	820	13.8	87	167	448.71	594	200	3.4
	May 2009	983	-16	705	11.5	89	173	448.71	594	113	1.8
	Jun 2009	907	-26	668	11.2	87	126	448.71	594	115	1.9
	Jul 2009	898	-18	726	11.8	89	79	448.00	580	119	1.9
	Aug 2009	792	-11	620	10.1	89	81	447.50	571	93	1.5
	Sep 2009	761	-12	543	9.1	65	154	446.81	557	89	1.5
	WY 2009	9260	-3	6641		977	1666			1545	
	Oct 2009	581	6	452	7.4	25	119	446.31	548	74	1.2
	Nov 2009	433	13	363	6.1	25	54	446.50	552	103	1.7
	Dec 2009	346	11	300	4.9	21	37	446.50	552	119	1.9
	Jan 2010	573	25	345	5.6	84	168	446.50	552	119	1.9
	Feb 2010	652	28	452	8.1	76	152	446.50	552	154	2.8
	Mar 2010	953	30	727	11.8	84	168	446.70	555	204	3.3
	Apr 2010	1109	-6	821	13.8	81	163	448.71	594	199	3.3
	May 2010	974	-16	705	11.5	84	169	448.71	594	111	1.8
	Jun 2010	902	-26	672	11.3	81	123	448.71	594	116	1.9
	Jul 2010	893	-18	728	11.8	84	77	448.00	580	119	1.9
	Aug 2010	786	-11	622	10.1	84	79	447.50	571	93	1.5
	Sep 2010	756	-12	545	9.2	61	151	446.81	557	89	1.5
	WY 2010	8958	24	6734		788	1460			1501	
	Oct 2010	579	6	454	7.4	24	116	446.31	548	74	1.2
	Nov 2010	471	13	365	6.1	24	92	446.50	552	103	1.7
	Dec 2010	388	11	300	4.9	24	75	446.50	552	118	1.9
	Jan 2011	572	25	344	5.6	84	168	446.50	552	119	1.9

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Hoover Dam - Lake Mead

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Hoover Static Head Feet	Hoover Generator Capacity MW	Hoover Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Feb 2008	659	11.5	1116.93	13062	45	0.00	1101.0	266.5	63	404.5
H	Mar 2008	1025	16.7	1115.65	12940	-123	0.00	1212.0	420.7	70	410.6
I	Apr 2008	1159	19.5	1110.61	12463	-477	0.00	1393.0	475.9	81	410.7
S	May 2008	1113	18.1	1107.05	12132	-331	0.00	1482.0	445.7	87	400.5
T	Jun 2008	949	15.9	1104.98	11941	-190	0.00	1694.0	371.6	100	391.7
O	Jul 2008	876	14.2	1104.42	11890	-51	0.00	1672.0	344.2	100	392.8
R	Aug 2008	804	13.1	1105.13	11955	65	0.00	1678.0	316.2	100	393.1
I	Sep 2008	652	11.0	1105.76	12013	58	0.00	1677.0	252.9	100	387.9
	WY 2008	9530							3790.6		
C	Oct 2008	508	8.3	1107.94	12213	201	0.00	1038.0	188.5	61	370.8
A	Nov 2008	675	11.3	1107.33	12157	-56	0.00	926.0	263.1	55	389.9
L	Dec 2008	453	7.4	1110.97	12496	339	0.00	1523.0	171.3	88	377.7
*	Jan 2009	741	12.1	1111.78	12572	76	0.00	1305.0	299.0	75	403.3
	Feb 2009	666	12.0	1111.97	12590	18	460.85	1415.0	274.8	81	412.4
	Mar 2009	1020	16.6	1108.36	12253	-337	461.20	954.0	439.1	55	430.3
	Apr 2009	1127	18.9	1104.62	11909	-345	455.21	1305.0	474.1	76	420.7
	May 2009	1018	16.6	1101.99	11670	-238	450.30	1590.0	410.1	94	402.8
	Jun 2009	906	15.2	1102.11	11681	11	448.72	1692.0	365.0	100	402.9
	Jul 2009	908	14.8	1103.45	11802	121	449.94	1697.0	365.1	100	402.2
	Aug 2009	817	13.3	1106.00	12035	233	452.03	1710.0	332.9	100	407.6
	Sep 2009	684	11.5	1105.00	11943	-92	453.94	1702.0	274.8	100	401.6
	WY 2009	9525							3857.8		
	Oct 2009	456	7.4	1106.57	12087	144	459.69	1186.0	184.4	69	404.6
	Nov 2009	477	8.0	1107.83	12204	116	461.37	1404.0	194.6	82	408.4
	Dec 2009	489	8.0	1111.00	12500	296	461.45	1511.0	199.2	87	407.5
	Jan 2010	678	11.0	1113.00	12688	188	462.13	1416.0	276.8	81	408.3
	Feb 2010	667	12.0	1114.17	12799	111	462.55	1444.0	275.6	83	413.4
	Mar 2010	1013	16.5	1111.42	12539	-260	462.03	1323.0	423.2	76	417.7
	Apr 2010	1136	19.1	1107.12	12138	-401	456.89	1504.0	475.5	88	418.5
	May 2010	1009	16.4	1104.87	11931	-207	452.30	1702.0	406.0	100	402.4
	Jun 2010	902	15.2	1105.26	11967	36	451.71	1706.0	365.2	100	405.0
	Jul 2010	902	14.7	1106.73	12102	135	453.13	1706.0	365.0	100	404.4
	Aug 2010	811	13.2	1109.39	12348	246	455.34	1706.0	332.6	100	409.9
	Sep 2010	679	11.4	1108.44	12261	-88	457.33	1706.0	274.0	100	403.7
	WY 2010	9218							3772.0		
	Oct 2010	453	7.4	1110.01	12407	146	463.10	1186.1	184.4	70	406.6
	Nov 2010	515	8.7	1110.86	12486	80	464.63	1389.5	206.8	81	401.7
	Dec 2010	531	8.6	1113.57	12742	256	464.93	1379.8	213.4	81	401.9
	Jan 2011	677	11.0	1115.56	12931	189	464.68	1385.2	277.6	81	410.1

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Davis Dam - Lake Mohave

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Davis Static Head Feet	Davis Generator Capacity MW	Davis Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Feb 2008	717	12.5	639.09	1593	-70	0.00	191.7	88.7	75	123.8
H	Mar 2008	974	15.8	640.01	1618	25	0.00	227.0	120.5	89	123.7
I	Apr 2008	1104	18.6	641.20	1650	32	0.00	255.0	135.8	100	123.0
S	May 2008	993	16.2	643.95	1725	75	0.00	255.0	123.5	100	124.4
T	Jun 2008	932	15.7	643.36	1709	-16	0.00	255.0	117.8	100	126.5
O	Jul 2008	896	14.6	641.79	1666	-43	0.00	255.0	111.7	100	124.6
R	Aug 2008	798	13.0	641.06	1646	-20	0.00	255.0	98.5	100	123.4
I	Sep 2008	698	11.7	638.80	1585	-61	0.00	255.0	86.5	100	123.9
	WY 2008	9205							1137.7		
C	Oct 2008	632	10.3	633.37	1444	-141	0.00	211.7	74.9	83	118.6
A	Nov 2008	603	10.1	635.28	1493	49	0.00	186.2	71.8	73	119.1
L	Dec 2008	339	5.5	638.77	1585	91	0.00	163.2	42.1	64	124.2
*	Jan 2009	655	10.6	641.08	1647	62	0.00	155.6	80.8	61	123.4
	Feb 2009	600	10.8	643.00	1699	52	136.86	191.2	75.4	75	125.8
	Mar 2009	980	15.9	643.50	1712	14	137.10	224.4	122.8	88	125.2
	Apr 2009	1112	18.7	643.01	1699	-14	136.30	255.0	138.4	100	124.4
	May 2009	983	16.0	643.01	1699	0	136.05	255.0	122.9	100	125.0
	Jun 2009	907	15.2	642.00	1671	-28	135.52	255.0	113.1	100	124.8
	Jul 2009	898	14.6	641.50	1658	-14	134.73	255.0	111.6	100	124.3
	Aug 2009	792	12.9	641.50	1658	0	134.46	255.0	98.7	100	124.6
	Sep 2009	761	12.8	638.00	1564	-94	132.63	255.0	93.7	100	123.1
	WY 2009	9260							1146.1		
	Oct 2009	581	9.5	633.00	1434	-130	128.15	255.0	70.0	100	120.4
	Nov 2009	433	7.3	634.00	1460	26	126.54	237.2	51.8	93	119.5
	Dec 2009	346	5.6	638.71	1583	123	129.92	224.4	42.5	88	122.8
	Jan 2010	573	9.3	641.80	1666	83	134.24	216.8	71.4	85	124.8
	Feb 2010	652	11.7	641.80	1666	0	136.16	206.6	81.7	81	125.3
	Mar 2010	953	15.5	643.05	1700	34	135.44	255.0	118.7	100	124.6
	Apr 2010	1109	18.6	643.01	1699	-1	136.08	255.0	137.8	100	124.2
	May 2010	974	15.8	643.01	1699	0	136.05	255.0	121.7	100	125.0
	Jun 2010	902	15.2	642.00	1671	-28	135.52	255.0	112.5	100	124.8
	Jul 2010	893	14.5	641.50	1658	-14	134.73	255.0	111.0	100	124.3
	Aug 2010	786	12.8	641.50	1658	0	134.46	255.0	98.0	100	124.6
	Sep 2010	756	12.7	638.00	1564	-94	132.63	255.0	93.0	100	123.1
	WY 2010	8958							1110.2		
	Oct 2010	579	9.4	633.00	1434	-130	129.48	209.1	69.8	82	120.5
	Nov 2010	471	7.9	634.00	1460	26	126.99	221.8	56.2	87	119.2
	Dec 2010	388	6.3	638.71	1583	123	129.55	237.2	47.6	93	122.5
	Jan 2011	572	9.3	641.80	1666	83	134.24	216.8	71.3	85	124.8

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T E M R E S E R V O I R S

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Parker Dam - Lake Havasu

	Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Parker Static Head Feet	Parker Generator Capacity MW	Parker Gross Energy MKWH	Percent Of Units Available	KWH/AF
* Feb 2008	486	8.4	446.44	551	-4	0.00	90.0	32.6	75	67.2
H Mar 2008	744	12.1	446.47	551	1	0.00	90.0	49.8	75	67.0
I Apr 2008	838	14.1	447.25	566	14	0.00	90.0	55.0	75	65.6
S May 2008	684	11.1	448.84	596	30	0.00	90.0	46.4	75	67.9
T Jun 2008	691	11.6	448.62	592	-4	0.00	90.0	47.3	75	68.4
O Jul 2008	728	11.8	447.86	577	-14	0.00	90.0	48.9	75	67.3
R Aug 2008	635	10.3	448.54	590	13	0.00	105.6	41.9	88	66.0
I Sep 2008	519	8.7	448.19	584	-7	0.00	91.2	38.6	76	74.3
WY 2008	6692							453.4		
C Oct 2008	452	7.4	446.55	553	-31	0.00	90.0	31.2	75	68.9
A Nov 2008	379	6.4	447.54	571	18	0.00	90.0	26.2	75	69.1
L Dec 2008	236	3.8	446.81	558	-14	0.00	85.2	15.3	71	64.7
* Jan 2009	379	6.2	446.67	555	-3	0.00	78.0	25.9	65	68.2
Feb 2009	385	6.9	447.00	561	6	75.65	90.0	25.1	75	65.2
Mar 2009	728	11.8	447.00	561	0	74.55	116.4	47.6	97	65.4
Apr 2009	820	13.8	448.71	594	32	75.23	120.0	54.3	100	66.2
May 2009	705	11.5	448.71	594	0	76.06	120.0	46.9	100	66.5
Jun 2009	668	11.2	448.71	594	0	76.06	120.0	44.4	100	66.5
Jul 2009	726	11.8	448.00	580	-14	75.72	120.0	48.1	100	66.3
Aug 2009	620	10.1	447.50	571	-10	75.13	120.0	40.6	100	65.5
Sep 2009	543	9.1	446.81	557	-13	75.95	90.0	36.0	75	66.2
WY 2009	6641							441.5		
Oct 2009	452	7.4	446.31	548	-9	75.37	90.0	29.5	75	65.2
Nov 2009	363	6.1	446.50	552	3	75.41	86.4	23.5	72	64.6
Dec 2009	300	4.9	446.50	552	0	75.65	84.0	19.1	70	63.9
Jan 2010	345	5.6	446.50	552	0	75.51	86.4	22.2	72	64.4
Feb 2010	452	8.1	446.50	552	0	75.19	92.4	29.5	77	65.3
Mar 2010	727	11.8	446.70	555	4	74.01	120.0	47.3	100	65.0
Apr 2010	821	13.8	448.71	594	38	75.09	120.0	54.2	100	66.1
May 2010	705	11.5	448.71	594	0	76.06	120.0	46.9	100	66.5
Jun 2010	672	11.3	448.71	594	0	76.06	120.0	44.6	100	66.5
Jul 2010	728	11.8	448.00	580	-14	75.72	120.0	48.3	100	66.3
Aug 2010	622	10.1	447.50	571	-10	75.13	120.0	40.8	100	65.5
Sep 2010	545	9.2	446.81	557	-13	74.55	120.0	35.4	100	64.9
WY 2010	6734							441.4		
Oct 2010	454	7.4	446.31	548	-9	74.43	109.2	29.2	91	64.3
Nov 2010	365	6.1	446.50	552	3	74.29	109.2	23.3	91	63.7
Dec 2010	300	4.9	446.50	552	0	74.38	109.2	18.9	91	62.9
Jan 2011	344	5.6	446.50	552	0	75.51	86.4	22.1	72	64.4

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T Y M R E S E R V O I R S

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Upper Basin Power

	Glen Canyon 1000 MWHR	Flam Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Res 1000 MWHR	Font Res 1000 MWHR
* Feb 2008	247	18	26	35	14	2
H Mar 2008	299	19	14	16	9	2
Winter 2008	1714	110	126	156	80	14
I Apr 2008	280	20	38	55	23	2
S May 2008	333	39	52	92	23	4
T Jun 2008	348	68	40	63	22	7
O Jul 2008	390	36	31	39	23	9
R Aug 2008	400	36	36	42	22	8
I Sep 2008	323	34	34	41	21	5
Summer 2008	2075	233	232	331	134	35
C Oct 2008	334	27	25	30	17	5
A Nov 2008	267	25	9	12	6	4
L Dec 2008	355	30	10	14	7	2
* Jan 2009	352	31	11	15	6	4
Feb 2009	244	22	13	16	7	4
Mar 2009	253	18	27	35	18	4
Winter 2009	1804	153	96	122	61	22
Apr 2009	304	17	31	44	22	4
May 2009	318	39	34	53	23	8
Jun 2009	412	62	21	33	22	9
Jul 2009	460	32	34	42	23	10
Aug 2009	453	32	38	45	23	9
Sep 2009	254	31	34	41	21	6
Summer 2009	2202	213	193	257	135	45
Oct 2009	262	32	24	30	15	7
Nov 2009	253	31	15	19	10	6
Dec 2009	337	32	21	26	13	6
Jan 2010	335	32	21	27	14	6
Feb 2010	292	29	18	24	12	5
Mar 2010	291	32	18	24	13	5
Winter 2010	1771	187	117	149	77	34
Apr 2010	291	31	18	27	15	5
May 2010	335	57	20	34	22	7
Jun 2010	429	61	21	32	22	9
Jul 2010	470	41	35	42	23	10
Aug 2010	463	41	38	45	23	10
Sep 2010	257	40	35	42	21	6
Summer 2010	2245	271	167	222	127	46
Oct 2010	266	41	24	29	15	6
Nov 2010	257	40	14	18	10	6
Dec 2010	342	41	21	27	14	6
Jan 2011	340	41	21	27	14	5

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F L O O D C O N T R O L C R I T E R I A
B E G I N N I N G O F M O N T H C O N D I T I O N S

MON	YEAR	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	LAKE POWELL KAF	UPPER BASIN TOTAL KAF	LAKE MEAD KAF	TOTAL KAF	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	TOT OR MAX ALLOW KAF	LAKE POWELL KAF	LAKE MEAD KAF	TOTAL KAF	BOM SPACE REQD KAF	MEAD SCHED REL KAF	MEAD FC REL KAF	SYS CONT MAF
		* * * * P R E D I C T E D S P A C E * * * *							* * * * E F F E C T I V E S P A C E * * * *									
FEB	2009	976	259	431	11165	12832	14808	27639	485	259	305	1049	11165	14808	27022	1500	666	0	32.9
MAR	2009	1005	281	434	11352	13072	14790	27861	511	281	307	1099	11352	14790	27240	1500	1020	0	32.5
APR	2009	994	338	388	11405	13124	15127	28251	496	338	255	1089	11405	15127	27620	1500	1127	0	32.4
MAY	2009	933	351	298	11339	12921	15471	28392	428	351	147	926	11339	15471	27737	1500	1018	0	33.6
JUN	2009	815	249	269	10152	11485	15710	27195	299	247	88	634	10152	15710	26496	1500	906	0	35.5
JUL	2009	642	49	285	8607	9583	15699	25282	110	21	60	191	8607	15699	24497	1500	908	0	36.0
									* * * * C R E D I T A B L E S P A C E * * * *									
AUG	2009	549	27	273	8406	9255	15578	24833	549	27	273	849	8406	15578	24833	1500	817	0	35.7
SEP	2009	561	76	274	8815	9726	15345	25071	561	76	274	911	8815	15345	25071	2270	684	0	35.3
OCT	2009	601	144	269	8874	9887	15437	25324	601	144	269	1014	8874	15437	25324	3040	456	0	35.2
NOV	2009	637	186	264	8950	10036	15293	25329	637	186	264	1087	8950	15293	25329	3810	477	0	35.2
DEC	2009	674	204	262	9008	10148	15176	25325	674	204	262	1141	9008	15176	25325	4580	489	0	35.2
JAN	2010	726	248	271	9294	10540	14880	25420	726	248	271	1246	9294	14880	25420	5350	678	0	35.1
									* * * * E F F E C T I V E S P A C E * * * *									
JAN	2010	726	248	271	9294	10540	14880	25420	441	248	217	906	9294	14880	25080	5350	678	0	35.1
FEB	2010	775	295	281	9603	10955	14692	25647	487	295	227	1010	9603	14692	25305	1500	667	0	34.9
MAR	2010	811	334	280	9838	11264	14581	25845	521	334	225	1080	9838	14581	25499	1500	1013	0	34.6
APR	2010	800	361	234	9965	11360	14841	26201	505	361	173	1039	9965	14841	25845	1500	1136	0	34.4
MAY	2010	749	351	138	9920	11158	15242	26400	447	351	57	856	9920	15242	26017	1500	1009	0	35.4
JUN	2010	652	218	151	8945	9966	15449	25414	340	213	39	592	8945	15449	24985	1500	902	0	37.0
JUL	2010	436	38	208	7687	8369	15413	23782	107	11	48	166	7687	15413	23265	1500	902	0	37.3
									* * * * C R E D I T A B L E S P A C E * * * *									
AUG	2010	347	27	211	7603	8188	15278	23466	347	27	211	585	7603	15278	23466	1500	811	0	37.0
SEP	2010	378	77	223	8030	8708	15032	23739	378	77	223	677	8030	15032	23739	2270	679	0	36.6
OCT	2010	440	147	222	8079	8888	15119	24007	440	147	222	808	8079	15119	24007	3040	453	0	36.5
NOV	2010	500	186	218	8137	9041	14973	24014	500	186	218	904	8137	14973	24014	3810	515	0	36.5
DEC	2010	560	203	219	8175	9156	14894	24049	560	203	219	981	8175	14894	24049	4580	531	0	36.5
JAN	2011	636	248	228	8437	9549	14638	24187	636	248	228	1112	8437	14638	24187	5350	677	0	36.3
									* * * * E F F E C T I V E S P A C E * * * *									
JAN	2011	636	248	228	8437	9549	14638	24187	447	248	217	912	8437	14638	23987	5350	677	0	36.3

To: All Annual Operating Plan Recipients

From: Lower Colorado Region
Boulder Canyon Operations Office
River Operations Group
Bruce Williams
P.O. Box 61470
Boulder City, NV 89006-1470
Phone: 702-293-8571

The operation of Lake Powell and Lake Mead in this March 2009 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines), and reflects the 2009 Annual Operating Plan (AOP). Pursuant to the Interim Guidelines, the Upper Elevation Balancing Tier is the operational tier for water year 2009 for Glen Canyon Dam. The Intentionally Created Surplus (ICS) Surplus condition is the criterion governing the operation of Lake Mead for calendar year 2009.

The Interim Guidelines are available for download at http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf. The 2009 AOP is available for download at http://www.usbr.gov/uc/water/rsvrs/ops/aop/AOP09_final.pdf.

This March 24-Month Study projects that the annual release volume from Glen Canyon Dam for water year 2009 will be 9.394 million acre-feet (maf) consistent with Sections 6.B.3 and 6.A.1 of the Interim Guidelines. The Interim Guidelines contain a provision for an April adjustment to the operational parameters for Lake Powell when specific conditions occur. The operations reflected in this March 24-Month Study are consistent with this provision. It should be noted that such adjustments, as well as the coordinated operations in general, are sensitive to current inflow projections and may therefore change from month to month as new inflow projections are incorporated.

Current runoff projections into Lake Powell are provided by the National Weather Service's Colorado Basin River Forecast Center and are as follows: Observed unregulated inflow into Lake Powell for the month of February 2009 was 0.331 maf or 79% of the 30 year average. The forecast for March 2009 unregulated inflow into Lake Powell is 0.575 maf or 87% of the 30 year average. The forecast for the April through July unregulated inflow is 7.80 maf or 98% of average.

In this study, the Calendar Year (CY) 2009 diversion for Metropolitan Water District of Southern California (MWD) is forecasted to be 0.860 maf. The CY 2009 diversion for the Central Arizona Project (CAP) is forecasted to be 1.501 maf. Consumptive use for Nevada above Hoover is forecasted to be 0.322 maf for CY 2009.

Due to declining Lake Mead elevations, Hoover's generator capacity is adjusted based on estimated effective capacity and plant availability. The estimated effective capacity is based on projected Lake Mead elevations. Unit capacity tests will be performed as the lake elevation changes in 2-foot increments. This study reflects these changes in the projections.

Hoover, Davis, and Parker historical gross energy figures come from PO&M reports provided by the Power and O&M Group, Boulder Canyon Operations Office, Bureau of Reclamation, Boulder City, Nevada. Questions regarding these historical energy numbers can be directed to Larry Karr at (702) 293-8094.

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T E M R E S E R V O I R S

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Fontenelle Reservoir

		Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Mar 2008	32	0	43	0	43	6465.20	100
H	Apr 2008	53	1	42	0	42	6467.95	111
I	May 2008	132	1	64	1	65	6481.73	177
S	Jun 2008	224	2	100	0	101	6499.83	298
T	Jul 2008	173	3	104	34	138	6503.99	330
O	Aug 2008	47	2	91	0	91	6497.83	283
R	Sep 2008	36	2	63	0	63	6493.80	254
	WY 2008	838	14	712	44	756		
I	Oct 2008	43	1	65	0	65	6490.51	231
C	Nov 2008	41	1	48	13	61	6487.43	211
A	Dec 2008	30	1	26	35	60	6482.26	180
L	Jan 2009	33	1	61	0	61	6476.93	151
*	Feb 2009	27	0	53	0	53	6471.15	124
	Mar 2009	40	0	60	0	60	6466.12	103
	Apr 2009	90	1	64	0	64	6472.31	129
	May 2009	180	1	100	4	105	6486.18	203
	Jun 2009	277	2	104	75	179	6500.13	300
	Jul 2009	168	3	102	37	138	6503.57	326
	Aug 2009	77	2	92	0	92	6501.35	309
	Sep 2009	47	2	60	7	67	6498.48	288
	WY 2009	1052	15	834	170	1004		
	Oct 2009	49	1	69	0	69	6495.47	266
	Nov 2009	41	1	67	0	67	6491.64	239
	Dec 2009	32	1	69	0	69	6485.83	201
	Jan 2010	30	1	69	0	69	6478.90	161
	Feb 2010	27	0	62	0	62	6471.40	125
	Mar 2010	51	0	69	0	69	6466.99	107
	Apr 2010	89	1	83	0	83	6468.21	112
	May 2010	176	1	99	3	101	6483.21	185
	Jun 2010	308	2	103	94	196	6499.40	294
	Jul 2010	186	3	101	37	138	6505.22	339
	Aug 2010	83	2	100	5	105	6502.15	315
	Sep 2010	49	2	68	0	68	6499.40	294
	WY 2010	1120	15	960	138	1098		
	Oct 2010	49	1	70	0	70	6496.29	272
	Nov 2010	41	1	68	0	68	6492.37	244
	Dec 2010	32	1	70	0	70	6486.47	205
	Jan 2011	30	1	70	0	70	6479.50	164
	Feb 2011	27	0	63	0	63	6471.92	127

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Flaming Gorge Reservoir

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Yampa Flow 1000 Ac-Ft	Jensen Flow 1000 Ac-Ft
*	Mar 2008	59	70	3	50	0	50	84	6021.55	3035	50	141
H	Apr 2008	83	71	5	53	0	53	85	6021.85	3045	200	231
I	May 2008	176	110	7	101	0	101	85	6021.85	3045	772	793
S	Jun 2008	284	161	10	177	0	177	84	6021.15	3020	723	917
T	Jul 2008	188	153	12	93	0	93	86	6022.43	3066	152	306
O	Aug 2008	48	92	12	92	0	92	85	6022.11	3055	29	132
R	Sep 2008	40	67	10	89	0	89	84	6021.25	3024	22	126
	WY 2008	1023	943	75	893	10	903					3017
I	Oct 2008	45	67	7	71	0	71	83	6020.97	3014	21	119
C	Nov 2008	47	66	3	65	0	65	83	6020.91	3012	0	107
A	Dec 2008	17	48	2	79	0	79	82	6020.01	2980	0	116
L	Jan 2009	39	67	2	80	0	80	82	6019.63	2967	0	752
*	Feb 2009	37	64	2	62	0	62	82	6019.63	2967	0	104
	Mar 2009	60	80	3	51	0	51	83	6020.36	2992	0	51
	Apr 2009	115	89	5	48	0	48	84	6021.34	3027	0	48
	May 2009	220	145	7	94	0	94	86	6022.50	3069	0	94
	Jun 2009	329	230	10	181	0	181	87	6023.54	3107	0	181
	Jul 2009	181	152	13	80	0	80	89	6025.08	3163	0	80
	Aug 2009	85	100	12	80	0	80	90	6025.28	3171	0	80
	Sep 2009	55	75	11	77	0	77	89	6024.94	3158	0	77
	WY 2009	1231	1183	77	967	0	967					1808
	Oct 2009	59	80	7	80	0	80	89	6024.75	3151	0	80
	Nov 2009	51	77	3	77	0	77	89	6024.66	3148	0	77
	Dec 2009	37	74	2	80	0	80	89	6024.46	3140	0	80
	Jan 2010	41	80	2	80	0	80	88	6024.43	3139	0	80
	Feb 2010	45	81	2	72	0	72	89	6024.60	3145	0	72
	Mar 2010	103	121	3	80	0	80	90	6025.60	3182	0	80
	Apr 2010	142	137	5	77	0	77	92	6027.00	3235	0	77
	May 2010	263	189	8	140	0	140	94	6028.04	3274	0	140
	Jun 2010	400	288	11	177	0	177	98	6030.57	3371	0	177
	Jul 2010	219	172	14	113	0	113	99	6031.68	3414	0	113
	Aug 2010	97	118	13	113	0	113	99	6031.50	3407	0	113
	Sep 2010	58	78	11	109	0	109	98	6030.43	3366	0	109
	WY 2010	1516	1495	80	1198	0	1198					1198
	Oct 2010	59	81	7	113	0	113	96	6029.45	3328	0	113
	Nov 2010	51	78	3	109	0	109	95	6028.59	3295	0	109
	Dec 2010	37	75	2	113	0	113	93	6027.58	3257	0	113
	Jan 2011	41	81	2	113	0	113	92	6026.73	3225	0	113
	Feb 2011	45	82	2	102	0	102	91	6026.15	3203	0	102

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Taylor Park Reservoir

		Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Mar 2008	4	7	9313.24	75
H	Apr 2008	7	19	9305.56	63
I	May 2008	36	27	9310.30	70
S	Jun 2008	65	40	9324.75	96
T	Jul 2008	29	34	9322.03	91
O	Aug 2008	12	23	9315.69	79
R	Sep 2008	8	15	9311.36	72
	WY 2008	186	190		
I	Oct 2008	7	7	9311.31	72
C	Nov 2008	5	5	9311.19	72
A	Dec 2008	6	5	9311.34	72
L	Jan 2009	5	5	9311.21	72
*	Feb 2009	4	5	9310.95	71
	Mar 2009	5	5	9310.70	71
	Apr 2009	10	12	9309.23	69
	May 2009	29	20	9315.01	78
	Jun 2009	45	22	9327.29	101
	Jul 2009	21	24	9325.87	98
	Aug 2009	10	18	9321.82	90
	Sep 2009	7	14	9318.00	83
	WY 2009	154	143		
	Oct 2009	6	10	9315.76	79
	Nov 2009	5	6	9315.11	78
	Dec 2009	4	6	9314.18	77
	Jan 2010	4	6	9313.10	75
	Feb 2010	4	6	9311.71	73
	Mar 2010	4	6	9310.63	71
	Apr 2010	8	10	9309.58	69
	May 2010	27	18	9315.16	78
	Jun 2010	43	22	9326.54	99
	Jul 2010	20	22	9325.73	98
	Aug 2010	10	22	9319.34	86
	Sep 2010	7	15	9314.75	78
	WY 2010	143	149		
	Oct 2010	6	10	9312.41	74
	Nov 2010	5	6	9311.72	73
	Dec 2010	4	6	9310.75	71
	Jan 2011	4	6	9309.61	69
	Feb 2011	4	6	9308.15	67

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Blue Mesa Reservoir

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Mar 2008	36	39	0	53	0	53	7470.50	439
H	Apr 2008	107	119	1	147	0	147	7466.24	411
I	May 2008	318	312	1	199	50	250	7475.27	472
S	Jun 2008	409	383	1	143	20	163	7503.56	691
T	Jul 2008	172	176	1	103	0	103	7511.87	762
O	Aug 2008	70	82	1	119	0	119	7507.44	724
R	Sep 2008	35	42	1	115	0	115	7498.61	650
	WY 2008	1324	1329	8	1287	70	1358		
I	Oct 2008	33	33	1	85	0	85	7492.14	598
C	Nov 2008	27	28	0	33	0	33	7491.42	592
A	Dec 2008	28	27	0	36	0	36	7490.25	583
L	Jan 2009	26	27	0	39	0	39	7488.62	571
*	Feb 2009	24	24	0	42	0	42	7486.19	552
	Mar 2009	37	37	0	93	0	93	7478.63	496
	Apr 2009	85	87	1	99	0	99	7476.91	484
	May 2009	230	221	1	115	0	115	7490.88	588
	Jun 2009	287	265	1	68	0	68	7514.22	783
	Jul 2009	128	131	2	110	0	110	7516.39	802
	Aug 2009	64	72	1	121	0	121	7510.70	752
	Sep 2009	37	44	1	111	0	111	7502.72	684
	WY 2009	1006	995	9	952	0	952		
	Oct 2009	35	39	1	80	0	80	7497.67	642
	Nov 2009	31	32	0	50	0	50	7495.37	624
	Dec 2009	25	27	0	69	0	69	7490.00	581
	Jan 2010	24	26	0	73	0	73	7483.79	534
	Feb 2010	22	24	0	62	0	62	7478.55	495
	Mar 2010	34	36	0	63	0	63	7474.74	468
	Apr 2010	73	75	1	64	0	64	7476.20	479
	May 2010	212	203	1	69	0	69	7493.84	612
	Jun 2010	271	250	1	69	0	69	7515.22	792
	Jul 2010	121	122	2	110	0	110	7516.40	802
	Aug 2010	62	74	1	122	0	122	7510.78	753
	Sep 2010	36	44	1	113	0	113	7502.60	683
	WY 2010	946	951	9	944	0	944		
	Oct 2010	35	39	1	78	0	78	7497.80	643
	Nov 2010	31	32	0	48	0	48	7495.75	627
	Dec 2010	25	27	0	72	0	72	7490.00	581
	Jan 2011	24	26	0	73	0	73	7483.80	534
	Feb 2011	22	24	0	62	0	62	7478.55	495

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Morrow Point Reservoir

		Unreg Inflow 1000 Ac-Ft	Blue_Mesa Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Evap losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Mar 2008	34	53	-2	54	0	45	0	45	7155.12	113
H	Apr 2008	109	147	1	148	0	153	0	153	7149.81	109
I	May 2008	343	250	25	275	0	255	24	278	7144.87	105
S	Jun 2008	432	163	23	186	0	177	4	180	7152.31	111
T	Jul 2008	178	103	6	109	0	108	0	108	7152.94	111
O	Aug 2008	71	119	0	120	0	117	0	117	7156.16	114
R	Sep 2008	35	115	0	115	0	115	0	115	7155.78	114
	WY 2008	1358	1358	34	1413	1	1365	27	1392		
I	Oct 2008	33	85	0	85	0	86	0	86	7153.95	112
C	Nov 2008	29	33	2	35	0	35	0	35	7153.60	112
A	Dec 2008	29	36	2	38	0	39	0	39	7152.11	111
L	Jan 2009	28	39	1	40	0	43	0	43	7148.12	108
*	Feb 2009	24	42	1	43	0	45	0	45	7145.98	106
	Mar 2009	41	93	4	97	0	91	0	91	7153.73	112
	Apr 2009	98	99	13	112	0	112	0	112	7153.73	112
	May 2009	257	115	27	142	0	142	0	142	7153.73	112
	Jun 2009	310	68	23	91	0	91	0	91	7153.73	112
	Jul 2009	135	110	7	117	0	117	0	117	7153.73	112
	Aug 2009	68	121	4	125	0	125	0	125	7153.73	112
	Sep 2009	40	111	3	114	0	114	0	114	7153.73	112
	WY 2009	1092	952	86	1039	0	1040	0	1040		
	Oct 2009	38	80	3	83	0	83	0	83	7153.73	112
	Nov 2009	33	50	2	52	0	52	0	52	7153.73	112
	Dec 2009	27	69	2	71	0	71	0	71	7153.73	112
	Jan 2010	26	73	2	75	0	75	0	75	7153.73	112
	Feb 2010	25	62	3	65	0	65	0	65	7153.73	112
	Mar 2010	38	63	4	67	0	67	0	67	7153.73	112
	Apr 2010	84	64	11	75	0	75	0	75	7153.73	112
	May 2010	237	69	25	94	0	94	0	94	7153.73	112
	Jun 2010	292	69	21	90	0	90	0	90	7153.73	112
	Jul 2010	127	110	7	117	0	117	0	117	7153.73	112
	Aug 2010	65	122	4	126	0	126	0	126	7153.73	112
	Sep 2010	39	113	3	116	0	116	0	116	7153.73	112
	WY 2010	1032	944	86	1030	0	1030	0	1030		
	Oct 2010	38	78	3	81	0	81	0	81	7153.73	112
	Nov 2010	33	48	2	50	0	50	0	50	7153.73	112
	Dec 2010	27	72	2	74	0	74	0	74	7153.73	112
	Jan 2011	26	73	2	75	0	75	0	75	7153.73	112
	Feb 2011	25	62	3	65	0	65	0	65	7153.73	112

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Crystal Reservoir

		unreg Inflow 1000 Ac-Ft	Morrow Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Tunnel Flow 1000 Ac-Ft	Below_tunnel Flow 1000 Ac-Ft
*	Mar 2008	41	45	6	52	52	0	52	6749.59	16	1	53
H	Apr 2008	124	153	16	168	127	40	168	6751.31	16	23	150
I	May 2008	388	278	45	323	130	191	321	6760.22	19	54	279
S	Jun 2008	484	180	52	232	118	116	234	6753.95	17	47	201
T	Jul 2008	191	108	13	121	123	0	123	6747.80	15	62	73
O	Aug 2008	75	117	5	122	123	0	123	6742.41	14	66	66
R	Sep 2008	38	115	3	118	118	0	118	6741.71	14	61	63
	WY 2008	1520	1392	162	1554	1164	391	1555			356	1283
I	Oct 2008	36	86	3	89	89	0	89	6744.34	15	55	45
C	Nov 2008	33	35	4	38	39	0	39	6742.20	14	1	40
A	Dec 2008	32	39	3	42	42	0	42	6742.53	14	1	43
L	Jan 2009	31	43	4	47	38	9	47	6741.02	14	1	49
*	Feb 2009	28	45	3	48	24	20	45	6752.05	17	1	46
	Mar 2009	49	91	8	99	99	0	99	6753.04	17	5	94
	Apr 2009	115	112	17	129	129	0	129	6753.04	17	30	99
	May 2009	299	142	42	184	134	50	184	6753.04	17	55	129
	Jun 2009	338	91	28	119	119	0	119	6753.04	17	60	59
	Jul 2009	148	117	13	130	130	0	130	6753.04	17	65	65
	Aug 2009	75	125	7	132	132	0	132	6753.04	17	65	67
	Sep 2009	46	114	6	120	120	0	120	6753.04	17	55	65
	WY 2009	1230	1040	138	1178	1095	79	1174			392	800
	Oct 2009	44	83	7	89	89	0	89	6753.04	17	30	59
	Nov 2009	38	52	5	57	57	0	57	6753.04	17	0	57
	Dec 2009	32	71	5	76	76	0	76	6753.04	17	0	76
	Jan 2010	31	75	5	80	80	0	80	6753.04	17	0	80
	Feb 2010	29	65	4	69	69	0	69	6753.04	17	0	69
	Mar 2010	46	67	7	74	74	0	74	6753.04	17	5	69
	Apr 2010	96	75	12	87	87	0	87	6753.04	17	30	57
	May 2010	272	94	35	129	129	0	129	6753.04	17	55	74
	Jun 2010	330	90	38	128	128	0	128	6753.04	17	60	68
	Jul 2010	144	117	17	134	134	0	134	6753.04	17	65	69
	Aug 2010	74	126	8	134	134	0	134	6753.04	17	65	69
	Sep 2010	45	116	6	122	122	0	122	6753.04	17	55	67
	WY 2010	1183	1030	151	1181	1181	0	1181			365	816
	Oct 2010	44	81	7	87	87	0	87	6753.04	17	30	57
	Nov 2010	38	50	5	55	55	0	55	6753.04	17	0	55
	Dec 2010	32	74	5	79	79	0	79	6753.04	17	0	79
	Jan 2011	31	75	5	80	80	0	80	6753.04	17	0	80
	Feb 2011	29	65	4	69	69	0	69	6753.04	17	0	69

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Vallecito Reservoir

		Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Mar 2008	10692	36	7626.73	39
H	Apr 2008	29791	29	7628.85	43
I	May 2008	74109	38	7647.76	82
S	Jun 2008	75259	43	7663.79	122
T	Jul 2008	30986	40	7660.68	114
O	Aug 2008	14543	39	7651.24	90
R	Sep 2008	10078	31	7642.57	70
	WY 2008	284404	315		
I	Oct 2008	8958	14	7640.18	65
C	Nov 2008	4742	2	7641.75	68
A	Dec 2008	4620	2	7643.06	71
L	Jan 2009	5252	2	7644.39	74
*	Feb 2009	4082	2	7645.61	77
	Mar 2009	7	3	7647.51	81
	Apr 2009	22	14	7650.75	89
	May 2009	78	50	7661.79	117
	Jun 2009	79	73	7663.78	122
	Jul 2009	31	43	7659.13	110
	Aug 2009	19	43	7649.48	86
	Sep 2009	17	33	7642.72	70
	WY 2009	27907	280		
	Oct 2009	13	21	7638.86	62
	Nov 2009	8	8	7638.92	62
	Dec 2009	6	3	7640.24	65
	Jan 2010	5	3	7641.17	67
	Feb 2010	5	3	7641.96	69
	Mar 2010	8	3	7644.12	73
	Apr 2010	22	13	7647.91	82
	May 2010	69	42	7658.80	109
	Jun 2010	78	62	7664.47	124
	Jul 2010	31	43	7659.67	111
	Aug 2010	19	40	7651.24	90
	Sep 2010	17	31	7645.24	76
	WY 2010	281	272		
	Oct 2010	13	19	7642.43	70
	Nov 2010	8	7	7642.93	71
	Dec 2010	6	5	7643.33	72
	Jan 2011	5	5	7643.55	72
	Feb 2011	5	4	7643.69	72

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Navajo Reservoir

		Mod_Unreg Inflow 1000 Ac-Ft	Azetea Tunnel_Div 1000 Ac-Ft	Reg Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	NIIP Diversion 1000 ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Farm Flow 1000 Ac-Ft
*	Mar 2008	147	6	167	2	6	226	6057.91	1321	284
H	Apr 2008	249	27	221	2	21	159	6060.97	1360	240
I	May 2008	337	45	254	4	31	159	6065.54	1420	303
S	Jun 2008	310	49	217	4	39	224	6061.77	1370	411
T	Jul 2008	82	14	74	4	40	32	6061.63	1369	103
O	Aug 2008	31	3	52	4	36	40	6059.46	1341	58
R	Sep 2008	31	2	48	3	22	45	6057.74	1319	57
	WY 2008	1355	146	1220	28	206	1185			1887
I	Oct 2008	28	0	34	2	11	32	6056.83	1308	45
C	Nov 2008	21	0	17	1	0	30	6055.68	1294	47
A	Dec 2008	19	0	16	1	0	31	6054.38	1278	48
L	Jan 2009	22	0	19	1	1	31	6053.29	1265	54
*	Feb 2009	27	1	24	1	0	28	6052.85	1259	48
	Mar 2009	70	0	65	2	4	31	6055.24	1288	31
	Apr 2009	155	14	133	2	15	30	6062.02	1374	30
	May 2009	315	45	242	4	26	121	6068.83	1464	121
	Jun 2009	265	37	223	5	41	182	6068.46	1459	182
	Jul 2009	80	5	86	5	43	31	6069.06	1468	31
	Aug 2009	46	5	64	4	36	31	6068.57	1461	31
	Sep 2009	43	2	57	3	20	30	6068.85	1465	30
	WY 2009	1092	108	980	28	199	608			697
	Oct 2009	38	2	44	2	7	31	6069.18	1469	31
	Nov 2009	33	0	32	1	0	30	6069.30	1471	30
	Dec 2009	24	0	21	1	0	31	6068.54	1460	31
	Jan 2010	22	0	20	1	0	31	6067.68	1449	31
	Feb 2010	30	0	28	1	0	28	6067.65	1448	28
	Mar 2010	88	2	82	2	4	31	6070.92	1493	31
	Apr 2010	174	16	149	3	16	34	6077.62	1589	34
	May 2010	279	33	218	4	28	200	6076.64	1575	200
	Jun 2010	246	29	202	5	43	212	6072.56	1516	212
	Jul 2010	74	7	79	5	46	31	6072.38	1514	31
	Aug 2010	43	3	61	4	39	31	6071.54	1502	31
	Sep 2010	42	1	55	3	22	30	6071.56	1502	30
	WY 2010	1094	93	991	30	205	718			718
	Oct 2010	38	0	44	2	7	31	6071.85	1506	31
	Nov 2010	33	0	32	1	1	30	6071.83	1506	30
	Dec 2010	24	0	23	1	1	31	6071.15	1497	31
	Jan 2011	22	0	21	1	0	31	6070.41	1486	31
	Feb 2011	30	0	30	1	0	28	6070.49	1487	28

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Lake Powell

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	PowerPlant Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Bank Storage 1000 Ac-Ft	EOM Storage 1000 Ac-Ft	Lees Ferry 1000 Ac-Ft
*	Mar 2008	589	738	13	737	93	830	3589.77	18393	10800	850
H	Apr 2008	1003	1004	21	678	0	678	3594.09	18280	11195	691
I	May 2008	2644	2365	27	790	0	790	3610.81	18174	12812	807
S	Jun 2008	3593	3330	49	791	0	791	3631.05	18346	14971	810
T	Jul 2008	1709	1430	63	865	0	865	3633.00	18364	15192	887
O	Aug 2008	489	596	62	890	0	890	3629.55	18333	14803	914
R	Sep 2008	390	555	56	723	0	723	3626.90	18309	14509	738
	WY 2008	12427	12442	396	8885	93	8978				9164
I	Oct 2008	382	498	38	749	0	749	3623.82	18282	14172	762
C	Nov 2008	418	455	36	603	0	603	3621.90	18266	13966	612
A	Dec 2008	313	387	28	801	0	801	3617.89	18232	13541	818
L	Jan 2009	329	394	9	802	0	802	3614.17	18201	13155	822
*	Feb 2009	329	383	9	602	0	602	3612.05	18189	12938	612
	Mar 2009	575	580	24	625	0	625	3611.43	18184	12874	625
	Apr 2009	1000	851	27	750	0	750	3612.10	18190	12943	750
	May 2009	2500	2136	38	775	0	775	3623.78	18288	14168	775
	Jun 2009	2907	2535	46	910	0	910	3636.81	18405	15630	910
	Jul 2009	1393	1273	54	1100	0	1100	3637.75	18414	15740	1100
	Aug 2009	579	658	55	1078	0	1078	3633.94	18378	15299	1078
	Sep 2009	465	570	47	600	0	600	3633.31	18373	15227	600
	WY 2009	11190	10718	412	9394	0	9394				9463
	Oct 2009	506	574	43	620	0	620	3632.59	18366	15145	620
	Nov 2009	523	566	35	600	0	600	3632.02	18361	15080	600
	Dec 2009	418	511	29	800	0	800	3629.40	18337	14786	800
	Jan 2010	384	481	22	800	0	800	3626.56	18312	14471	800
	Feb 2010	395	460	20	600	0	600	3625.20	18300	14322	600
	Mar 2010	628	581	25	700	0	700	3623.97	18290	14189	700
	Apr 2010	952	770	29	700	0	700	3624.33	18293	14227	700
	May 2010	2161	1878	40	700	0	700	3633.78	18377	15281	700
	Jun 2010	2808	2421	48	879	0	879	3645.51	18488	16664	879
	Jul 2010	1345	1238	57	1200	0	1200	3645.37	18486	16646	1200
	Aug 2010	566	672	57	1105	0	1105	3641.59	18450	16192	1105
	Sep 2010	459	597	49	600	0	600	3641.19	18446	16144	600
	WY 2010	11147	10750	456	9304	0	9304				9304
	Oct 2010	506	603	44	620	0	620	3640.71	18441	16087	620
	Nov 2010	523	597	37	600	0	600	3640.39	18438	16049	600
	Dec 2010	418	548	31	800	0	800	3638.17	18418	15788	800
	Jan 2011	384	514	23	800	0	800	3635.71	18395	15502	800
	Feb 2011	395	489	21	750	0	750	3633.44	18374	15241	750

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Hoover Dam - Lake Mead

	Glen Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release CFS	SNWP Use 1000 Ac-Ft	Dwnstrm Reqmnts 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
* Mar 2008	830	116	35	1025	16.7	17	1023	841	1115.65	12940
H Apr 2008	678	40	44	1159	19.5	24	1155	810	1110.61	12463
I May 2008	790	49	49	1113	18.1	30	1110	789	1107.05	12132
S Jun 2008	791	44	59	949	15.9	30	949	776	1104.98	11941
T Jul 2008	865	63	73	876	14.2	33	874	773	1104.42	11890
O Aug 2008	890	95	78	804	13.1	34	789	777	1105.13	11955
R Sep 2008	723	77	64	652	11.0	22	642	781	1105.76	12013
WY 2008	8978	912	606	9531		278	9468			
I Oct 2008	749	47	47	508	8.3	26	498	794	1107.94	12213
C Nov 2008	603	73	47	675	11.3	14	659	790	1107.33	12157
A Dec 2008	801	63	41	453	7.4	8	432	812	1110.97	12496
L Jan 2009	802	63	34	741	12.1	9	739	817	1111.78	12572
* Feb 2009	602	79	31	679	12.2	6	669	815	1111.43	12539
Mar 2009	625	96	34	1053	17.1	28	1053	791	1107.47	12170
Apr 2009	750	75	42	1134	19.1	25	1134	768	1103.62	11817
May 2009	775	70	48	1030	16.7	34	1030	752	1100.84	11566
Jun 2009	910	24	57	888	14.9	32	888	749	1100.39	11525
Jul 2009	1100	61	72	900	14.6	34	900	759	1102.01	11672
Aug 2009	1078	110	77	785	12.8	35	785	776	1105.02	11945
Sep 2009	600	78	64	586	9.9	30	586	776	1105.00	11943
WY 2009	9394	839	595	9433		280	9372			
Oct 2009	620	73	47	476	7.7	39	476	784	1106.34	12067
Nov 2009	600	73	47	528	8.9	28	528	789	1107.06	12133
Dec 2009	800	65	41	570	9.3	22	570	803	1109.41	12350
Jan 2010	800	131	34	678	11.0	19	678	815	1111.42	12539
Feb 2010	600	134	31	667	12.0	18	667	816	1111.60	12556
Mar 2010	700	96	35	1013	16.5	25	1013	799	1108.83	12296
Apr 2010	700	75	42	1136	19.1	23	1136	773	1104.48	11896
May 2010	700	70	48	1009	16.4	32	1009	754	1101.18	11596
Jun 2010	879	24	57	902	15.2	30	902	749	1100.28	11516
Jul 2010	1200	61	72	902	14.7	32	902	764	1102.93	11755
Aug 2010	1105	110	78	811	13.2	33	811	782	1105.95	12031
Sep 2010	600	78	64	679	11.4	28	679	776	1105.00	11944
WY 2010	9304	990	596	9371		327	9371			
Oct 2010	620	73	47	453	7.4	36	453	786	1106.60	12090
Nov 2010	600	73	47	515	8.7	25	515	791	1107.47	12171
Dec 2010	800	65	41	531	8.6	20	531	808	1110.23	12427
Jan 2011	800	131	34	677	11.0	19	677	820	1112.24	12617
Feb 2011	750	134	31	661	11.9	18	661	831	1113.97	12780

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Davis Dam - Lake Mohave

		Hoover Release 1000 Ac-Ft	Side inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Spill Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release CFS	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
*	Mar 2008	1025	-26	974	0	974	15.8	640.01	1618
H	Apr 2008	1159	-23	1104	0	1104	18.6	641.20	1650
I	May 2008	1113	-45	993	0	993	16.2	643.95	1725
S	Jun 2008	949	-34	932	0	932	15.7	643.36	1709
T	Jul 2008	876	-23	896	0	896	14.6	641.79	1666
O	Aug 2008	804	-26	798	0	798	13.0	641.06	1646
R	Sep 2008	652	-15	698	0	698	11.7	638.80	1585
	WY 2008	9531	-285	9205	0	9205			
I	Oct 2008	508	-18	632	0	632	10.3	633.37	1444
C	Nov 2008	675	-23	603	0	603	10.1	635.28	1493
A	Dec 2008	453	-23	339	0	339	5.5	638.77	1585
L	Jan 2009	741	-25	655	0	655	10.6	641.08	1647
*	Feb 2009	679	-18	629	0	629	11.3	642.29	1679
	Mar 2009	1053	-26	993	0	993	16.2	643.50	1712
	Apr 2009	1134	-28	1120	0	1120	18.8	643.00	1699
	May 2009	1030	-35	995	0	995	16.2	643.00	1699
	Jun 2009	888	-27	888	0	888	14.9	642.00	1671
	Jul 2009	900	-23	890	0	890	14.5	641.50	1658
	Aug 2009	785	-25	760	0	760	12.4	641.50	1658
	Sep 2009	586	-17	663	0	663	11.1	638.00	1564
	WY 2009	9433	-289	9165	0	9165			
	Oct 2009	476	-4	601	0	601	9.8	633.00	1434
	Nov 2009	528	-18	485	0	485	8.1	634.00	1460
	Dec 2009	570	-20	428	0	428	7.0	638.71	1583
	Jan 2010	678	-22	573	0	573	9.3	641.80	1666
	Feb 2010	667	-15	652	0	652	11.7	641.80	1666
	Mar 2010	1013	-26	953	0	953	15.5	643.05	1700
	Apr 2010	1136	-28	1109	0	1109	18.6	643.00	1699
	May 2010	1009	-35	974	0	974	15.8	643.00	1699
	Jun 2010	902	-27	902	0	902	15.2	642.00	1671
	Jul 2010	902	-23	893	0	893	14.5	641.50	1658
	Aug 2010	811	-25	786	0	786	12.8	641.50	1658
	Sep 2010	679	-17	756	0	756	12.7	638.00	1564
	WY 2010	9371	-260	9111	0	9111			
	Oct 2010	453	-4	579	0	579	9.4	633.00	1434
	Nov 2010	515	-18	471	0	471	7.9	634.00	1460
	Dec 2010	531	-20	388	0	388	6.3	638.71	1583
	Jan 2011	677	-22	572	0	572	9.3	641.80	1666
	Feb 2011	661	-15	646	0	646	11.6	641.80	1666

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Parker Dam - Lake Havasu

		Davis Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	MWD Diversion 1000 Ac-Ft	CAP diversion 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft	Flow_to Mexico 1000 Ac-Ft	Flow_to Mexico 1000 CFS
*	Mar 2008	974	-15	744	12.1	46	168	446.47	551	205	3.3
H	Apr 2008	1104	-10	838	14.1	76	166	447.25	566	202	3.4
I	May 2008	993	-11	684	11.1	97	172	448.84	596	113	1.8
S	Jun 2008	932	-25	691	11.6	94	126	448.62	592	115	1.9
T	Jul 2008	896	-18	728	11.8	87	78	447.86	577	122	2.0
O	Aug 2008	798	-2	635	10.3	82	65	448.54	590	109	1.8
R	Sep 2008	698	-10	519	8.7	82	94	448.19	584	99	1.7
	WY 2008	9205	-80	6692		803	1622			1560	
I	Oct 2008	632	3	452	7.4	77	136	446.55	553	84	1.4
C	Nov 2008	603	16	379	6.4	53	168	447.54	571	118	2.0
A	Dec 2008	339	15	236	3.8	67	65	446.81	558	139	2.3
L	Jan 2009	655	-7	379	6.2	99	171	446.67	555	121	2.0
*	Feb 2009	629	3	397	7.2	82	162	446.08	544	163	2.9
	Mar 2009	993	30	723	11.8	99	184	447.00	561	208	3.4
	Apr 2009	1120	-6	824	13.9	101	156	448.71	594	200	3.4
	May 2009	995	-16	708	11.5	99	172	448.71	594	113	1.8
	Jun 2009	888	-26	668	11.2	96	98	448.71	594	112	1.9
	Jul 2009	890	-18	729	11.9	99	58	448.00	580	119	1.9
	Aug 2009	760	-11	623	10.1	95	41	447.50	571	93	1.5
	Sep 2009	663	-12	546	9.2	27	91	446.81	557	89	1.5
	WY 2009	9165	-29	6665		995	1503			1559	
	Oct 2009	601	6	455	7.4	22	139	446.31	548	74	1.2
	Nov 2009	485	13	365	6.1	20	109	446.50	552	103	1.7
	Dec 2009	428	11	297	4.8	21	120	446.50	552	116	1.9
	Jan 2010	573	25	345	5.6	84	168	446.50	552	119	1.9
	Feb 2010	652	28	452	8.1	76	152	446.50	552	154	2.8
	Mar 2010	953	30	727	11.8	84	168	446.70	555	204	3.3
	Apr 2010	1109	-6	821	13.8	81	163	448.71	594	199	3.3
	May 2010	974	-16	705	11.5	84	169	448.71	594	111	1.8
	Jun 2010	902	-26	672	11.3	81	123	448.71	594	116	1.9
	Jul 2010	893	-18	728	11.8	84	77	448.00	580	119	1.9
	Aug 2010	786	-11	622	10.1	84	79	447.50	571	93	1.5
	Sep 2010	756	-12	545	9.2	61	151	446.81	557	89	1.5
	WY 2010	9111	24	6735		782	1618			1497	
	Oct 2010	579	6	454	7.4	24	116	446.31	548	74	1.2
	Nov 2010	471	13	365	6.1	24	92	446.50	552	103	1.7
	Dec 2010	388	11	300	4.9	24	75	446.50	552	118	1.9
	Jan 2011	572	25	344	5.6	84	168	446.50	552	119	1.9
	Feb 2011	646	28	446	8.0	76	152	446.50	552	149	2.7

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Hoover Dam - Lake Mead

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Hoover Static Head Feet	Hoover Generator Capacity MW	Hoover Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Mar 2008	1025	16.7	1115.65	12940	-123	0.00	1212.0	420.7	70	410.6
H	Apr 2008	1159	19.5	1110.61	12463	-477	0.00	1393.0	475.9	81	410.7
I	May 2008	1113	18.1	1107.05	12132	-331	0.00	1482.0	445.7	87	400.5
S	Jun 2008	949	15.9	1104.98	11941	-190	0.00	1694.0	371.6	100	391.7
T	Jul 2008	876	14.2	1104.42	11890	-51	0.00	1672.0	344.2	100	392.8
O	Aug 2008	804	13.1	1105.13	11955	65	0.00	1678.0	316.2	100	393.1
R	Sep 2008	652	11.0	1105.76	12013	58	0.00	1677.0	252.9	100	387.9
	WY 2008	9530							3790.6		
I	Oct 2008	508	8.3	1107.94	12213	201	0.00	1038.0	188.5	61	370.8
C	Nov 2008	675	11.3	1107.33	12157	-56	0.00	926.0	263.1	55	389.9
A	Dec 2008	453	7.4	1110.97	12496	339	0.00	1523.0	171.3	88	377.7
L	Jan 2009	741	12.1	1111.78	12572	76	0.00	1305.0	299.0	75	403.3
*	Feb 2009	679	12.2	1111.43	12539	-33	0.00	1415.0	263.8	81	388.5
	Mar 2009	1053	17.1	1107.47	12170	-369	460.71	950.0	454.9	55	432.0
	Apr 2009	1134	19.1	1103.62	11817	-353	454.27	1298.0	476.5	76	420.3
	May 2009	1030	16.7	1100.84	11566	-251	449.26	1578.0	414.7	94	402.7
	Jun 2009	888	14.9	1100.39	11525	-41	447.29	1685.0	355.8	100	400.6
	Jul 2009	900	14.6	1102.01	11672	146	448.36	1693.0	360.3	100	400.4
	Aug 2009	785	12.8	1105.02	11945	273	450.82	1708.0	317.6	100	404.7
	Sep 2009	586	9.9	1105.00	11943	-2	453.45	1702.0	234.1	100	399.3
	WY 2009	9433							3799.5		
	Oct 2009	476	7.7	1106.34	12067	124	459.70	1168.0	193.7	68	407.2
	Nov 2009	528	8.9	1107.06	12133	66	460.93	1398.0	211.7	81	400.8
	Dec 2009	570	9.3	1109.41	12350	218	460.27	1514.0	229.5	87	402.3
	Jan 2010	678	11.0	1111.42	12539	189	460.53	1421.0	275.9	81	407.1
	Feb 2010	667	12.0	1111.60	12556	17	460.48	1449.0	274.5	83	411.8
	Mar 2010	1013	16.5	1108.83	12296	-260	459.47	1326.0	421.1	76	415.6
	Apr 2010	1136	19.1	1104.48	11896	-400	454.31	1499.0	472.9	87	416.4
	May 2010	1009	16.4	1101.18	11596	-300	449.17	1701.0	403.4	100	399.8
	Jun 2010	902	15.2	1100.28	11516	-81	447.41	1703.0	362.1	100	401.5
	Jul 2010	902	14.7	1102.93	11755	239	448.77	1712.0	361.8	100	400.9
	Aug 2010	811	13.2	1105.95	12031	275	451.75	1712.0	330.3	100	407.0
	Sep 2010	679	11.4	1105.00	11944	-87	453.91	1712.0	272.3	100	401.1
	WY 2010	9371							3809.1		
	Oct 2010	453	7.4	1106.60	12090	146	459.83	1168.7	183.5	68	404.6
	Nov 2010	515	8.7	1107.47	12171	80	461.26	1393.1	205.6	81	399.4
	Dec 2010	531	8.6	1110.23	12427	256	460.88	1493.1	211.5	87	398.2
	Jan 2011	677	11.0	1112.24	12617	189	461.35	1391.7	275.9	81	407.6
	Feb 2011	661	11.9	1113.97	12780	163	462.06	1414.3	272.6	83	412.5

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Davis Dam - Lake Mohave

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Davis Static Head Feet	Davis Generator Capacity MW	Davis Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Mar 2008	974	15.8	640.01	1618	25	0.00	227.0	120.5	89	123.7
H	Apr 2008	1104	18.6	641.20	1650	32	0.00	255.0	135.8	100	123.0
I	May 2008	993	16.2	643.95	1725	75	0.00	255.0	123.5	100	124.4
S	Jun 2008	932	15.7	643.36	1709	-16	0.00	255.0	117.8	100	126.5
T	Jul 2008	896	14.6	641.79	1666	-43	0.00	255.0	111.7	100	124.6
O	Aug 2008	798	13.0	641.06	1646	-20	0.00	255.0	98.5	100	123.4
R	Sep 2008	698	11.7	638.80	1585	-61	0.00	255.0	86.5	100	123.9
	WY 2008	9205							1137.7		
I	Oct 2008	632	10.3	633.37	1444	-141	0.00	211.7	74.9	83	118.6
C	Nov 2008	603	10.1	635.28	1493	49	0.00	186.2	71.8	73	119.1
A	Dec 2008	339	5.5	638.77	1585	91	0.00	163.2	42.1	64	124.2
L	Jan 2009	655	10.6	641.08	1647	62	0.00	155.6	80.8	61	123.4
*	Feb 2009	629	11.3	642.29	1679	33	0.00	193.8	79.3	76	126.1
	Mar 2009	993	16.2	643.50	1712	33	135.93	255.0	124.0	100	124.8
	Apr 2009	1120	18.8	643.00	1699	-14	136.30	255.0	139.3	100	124.4
	May 2009	995	16.2	643.00	1699	0	136.04	255.0	124.2	100	124.9
	Jun 2009	888	14.9	642.00	1671	-27	135.51	255.0	110.9	100	124.8
	Jul 2009	890	14.5	641.50	1658	-14	134.73	255.0	110.7	100	124.3
	Aug 2009	760	12.4	641.50	1658	0	134.46	255.0	94.8	100	124.8
	Sep 2009	663	11.1	638.00	1564	-94	132.63	255.0	82.0	100	123.6
	WY 2009	9165							1134.8		
	Oct 2009	601	9.8	633.00	1434	-130	128.15	255.0	72.3	100	120.3
	Nov 2009	485	8.1	634.00	1460	26	126.54	237.2	57.7	93	119.1
	Dec 2009	428	7.0	638.71	1583	123	129.92	224.4	52.3	88	122.2
	Jan 2010	573	9.3	641.80	1666	83	134.24	216.8	71.4	85	124.8
	Feb 2010	652	11.7	641.80	1666	0	136.16	206.6	81.7	81	125.3
	Mar 2010	953	15.5	643.05	1700	34	135.44	255.0	118.7	100	124.6
	Apr 2010	1109	18.6	643.00	1699	-2	136.07	255.0	137.8	100	124.2
	May 2010	974	15.8	643.00	1699	0	136.04	255.0	121.7	100	125.0
	Jun 2010	902	15.2	642.00	1671	-27	135.51	255.0	112.5	100	124.8
	Jul 2010	893	14.5	641.50	1658	-14	134.73	255.0	111.0	100	124.3
	Aug 2010	786	12.8	641.50	1658	0	134.46	255.0	98.0	100	124.6
	Sep 2010	756	12.7	638.00	1564	-94	132.63	255.0	93.0	100	123.1
	WY 2010	9111							1128.3		
	Oct 2010	579	9.4	633.00	1434	-130	129.48	209.1	69.8	82	120.5
	Nov 2010	471	7.9	634.00	1460	26	126.99	221.8	56.2	87	119.2
	Dec 2010	388	6.3	638.71	1583	123	129.55	237.2	47.6	93	122.5
	Jan 2011	572	9.3	641.80	1666	83	134.24	216.8	71.3	85	124.8
	Feb 2011	646	11.6	641.80	1666	0	136.16	206.6	81.0	81	125.3

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Parker Dam - Lake Havasu

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Parker Static Head Feet	Parker Generator Capacity MW	Parker Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Mar 2008	744	12.1	446.47	551	1	0.00	90.0	49.8	75	67.0
H	Apr 2008	838	14.1	447.25	566	14	0.00	90.0	55.0	75	65.6
I	May 2008	684	11.1	448.84	596	30	0.00	90.0	46.4	75	67.9
S	Jun 2008	691	11.6	448.62	592	-4	0.00	90.0	47.3	75	68.4
T	Jul 2008	728	11.8	447.86	577	-14	0.00	90.0	48.9	75	67.3
O	Aug 2008	635	10.3	448.54	590	13	0.00	105.6	41.9	88	66.0
R	Sep 2008	519	8.7	448.19	584	-7	0.00	91.2	38.6	76	74.3
	WY 2008	6692							453.4		
I	Oct 2008	452	7.4	446.55	553	-31	0.00	90.0	31.2	75	68.9
C	Nov 2008	379	6.4	447.54	571	18	0.00	90.0	26.2	75	69.1
A	Dec 2008	236	3.8	446.81	558	-14	0.00	85.2	15.3	71	64.7
L	Jan 2009	379	6.2	446.67	555	-3	0.00	78.0	25.9	65	68.2
*	Feb 2009	397	7.2	446.08	544	-11	0.00	90.0	27.2	75	68.5
	Mar 2009	723	11.8	447.00	561	17	75.30	91.2	47.9	76	66.3
	Apr 2009	824	13.9	448.71	594	32	75.33	117.6	54.6	98	66.3
	May 2009	708	11.5	448.71	594	0	76.06	120.0	47.1	100	66.5
	Jun 2009	668	11.2	448.71	594	0	76.06	120.0	44.4	100	66.5
	Jul 2009	729	11.9	448.00	580	-14	75.72	120.0	48.3	100	66.3
	Aug 2009	623	10.1	447.50	571	-10	75.13	120.0	40.8	100	65.5
	Sep 2009	546	9.2	446.81	557	-13	75.95	90.0	36.2	75	66.2
	WY 2009	6665							445.0		
	Oct 2009	455	7.4	446.31	548	-9	75.37	90.0	29.6	75	65.2
	Nov 2009	365	6.1	446.50	552	3	75.41	86.4	23.6	72	64.7
	Dec 2009	297	4.8	446.50	552	0	75.65	84.0	19.0	70	63.8
	Jan 2010	345	5.6	446.50	552	0	75.51	86.4	22.2	72	64.4
	Feb 2010	452	8.1	446.50	552	0	75.19	92.4	29.5	77	65.3
	Mar 2010	727	11.8	446.70	555	4	74.01	120.0	47.3	100	65.0
	Apr 2010	821	13.8	448.71	594	38	75.09	120.0	54.2	100	66.1
	May 2010	705	11.5	448.71	594	0	76.06	120.0	46.9	100	66.5
	Jun 2010	672	11.3	448.71	594	0	76.06	120.0	44.6	100	66.5
	Jul 2010	728	11.8	448.00	580	-14	75.72	120.0	48.3	100	66.3
	Aug 2010	622	10.1	447.50	571	-10	75.13	120.0	40.8	100	65.5
	Sep 2010	545	9.2	446.81	557	-13	74.55	120.0	35.4	100	64.9
	WY 2010	6735							441.4		
	Oct 2010	454	7.4	446.31	548	-9	74.43	109.2	29.2	91	64.3
	Nov 2010	365	6.1	446.50	552	3	74.29	109.2	23.3	91	63.7
	Dec 2010	300	4.9	446.50	552	0	74.38	109.2	18.9	91	62.9
	Jan 2011	344	5.6	446.50	552	0	75.51	86.4	22.1	72	64.4
	Feb 2011	446	8.0	446.50	552	0	75.19	92.4	29.1	77	65.3

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Upper Basin Power

		Glen Canyon 1000 MWHR	Flam Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Res 1000 MWHR	Font Res 1000 MWHR
*	Mar 2008	299	19	14	16	9	2
	Winter 2008	1714	110	126	156	80	14
H	Apr 2008	280	20	38	55	23	2
I	May 2008	333	39	52	92	23	4
S	Jun 2008	348	68	40	63	22	7
T	Jul 2008	390	36	31	39	23	9
O	Aug 2008	400	36	36	42	22	8
R	Sep 2008	323	34	34	41	21	5
	Summer 2008	2075	233	232	331	134	35
I	Oct 2008	334	27	25	30	17	5
C	Nov 2008	267	25	9	12	6	4
A	Dec 2008	355	30	10	14	7	2
L	Jan 2009	352	31	11	15	6	4
*	Feb 2009	262	24	12	15	4	3
	Mar 2009	253	18	27	33	17	4
	Winter 2009	1822	155	95	119	57	22
	Apr 2009	304	17	28	40	22	4
	May 2009	318	34	33	51	23	7
	Jun 2009	382	66	21	33	21	9
	Jul 2009	468	29	34	42	22	10
	Aug 2009	457	29	38	45	23	9
	Sep 2009	253	28	34	41	21	6
	Summer 2009	2182	203	189	252	132	44
	Oct 2009	261	29	24	30	15	6
	Nov 2009	252	28	15	19	10	6
	Dec 2009	336	29	20	26	13	6
	Jan 2010	334	29	21	27	14	5
	Feb 2010	249	26	18	24	12	4
	Mar 2010	290	29	18	24	13	4
	Winter 2010	1723	171	117	149	77	32
	Apr 2010	290	28	18	27	15	5
	May 2010	293	51	20	34	22	7
	Jun 2010	375	65	21	32	22	9
	Jul 2010	518	42	35	42	23	10
	Aug 2010	475	42	38	45	23	10
	Sep 2010	257	40	35	42	21	6
	Summer 2010	2207	267	167	222	127	46
	Oct 2010	265	41	24	29	15	6
	Nov 2010	256	40	14	18	10	6
	Dec 2010	341	41	21	27	14	6
	Jan 2011	340	41	21	27	14	5
	Feb 2011	317	37	18	24	12	4

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model_run_id = 2019

F L O O D C O N T R O L C R I T E R I A
B E G I N N I N G O F M O N T H C O N D I T I O N S

MON	YEAR	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	LAKE POWELL KAF	UPPER BASIN TOTAL KAF	LAKE MEAD KAF	TOTAL KAF	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	TOT OR MAX ALLOW KAF	LAKE POWELL KAF	LAKE MEAD KAF	TOTAL KAF	BOM SPACE REQD KAF	MEAD SCHED REL KAF	MEAD FC REL KAF	SYS CONT MAF
		* * * * P R E D I C T E D S P A C E * * * *							* * * * E F F E C T I V E S P A C E * * * *									
MAR	2009	1003	277	437	11382	13099	14841	27940	452	277	354	1083	11382	14841	27306	1500	1053	0	32.4
APR	2009	998	333	408	11446	13185	15210	28394	442	333	320	1096	11446	15210	27751	1500	1134	0	32.3
MAY	2009	937	346	322	11377	12983	15563	28545	375	346	217	938	11377	15563	27878	1500	1030	0	33.6
JUN	2009	822	241	232	10152	11446	15814	27260	249	237	96	582	10152	15814	26548	1500	888	0	35.3
JUL	2009	687	47	237	8690	9660	15855	25515	101	18	56	175	8690	15855	24719	1500	900	0	35.6
												* * * * C R E D I T A B L E S P A C E * * * *							
AUG	2009	604	27	228	8580	9440	15708	25149	604	27	228	860	8580	15708	25149	1500	785	0	35.4
SEP	2009	614	78	235	9021	9948	15435	25383	614	78	235	927	9021	15435	25383	2270	586	0	35.1
OCT	2009	648	146	231	9093	10118	15437	25555	648	146	231	1025	9093	15437	25555	3040	476	0	34.9
NOV	2009	677	187	227	9175	10266	15313	25580	677	187	227	1091	9175	15313	25580	3810	528	0	34.9
DEC	2009	707	206	225	9240	10378	15247	25625	707	206	225	1138	9240	15247	25625	4580	570	0	34.9
JAN	2010	752	248	236	9534	10770	15030	25800	752	248	236	1236	9534	15030	25800	5350	678	0	34.7
												* * * * E F F E C T I V E S P A C E * * * *							
JAN	2010	752	248	236	9534	10770	15030	25800	475	248	211	933	9534	15030	25497	5350	678	0	34.7
FEB	2010	794	295	247	9849	11186	14841	26027	514	295	222	1031	9849	14841	25722	1500	667	0	34.5
MAR	2010	823	334	248	9998	11403	14824	26227	541	334	221	1096	9998	14824	25918	1500	1013	0	34.2
APR	2010	805	361	203	10131	11500	15084	26583	517	361	170	1049	10131	15084	26264	1500	1136	0	34.0
MAY	2010	747	351	107	10093	11298	15484	26781	453	351	55	859	10093	15484	26435	1500	1009	0	35.0
JUN	2010	635	218	121	9039	10013	15784	25797	330	213	37	580	9039	15784	25403	1500	902	0	36.6
JUL	2010	428	38	180	7656	8302	15864	24166	107	11	48	165	7656	15864	23686	1500	902	0	36.9
												* * * * C R E D I T A B L E S P A C E * * * *							
AUG	2010	340	27	182	7674	8223	15625	23848	340	27	182	549	7674	15625	23848	1500	811	0	36.6
SEP	2010	371	77	194	8128	8770	15349	24120	371	77	194	642	8128	15349	24120	2270	679	0	36.3
OCT	2010	434	147	194	8176	8950	15436	24386	434	147	194	774	8176	15436	24386	3040	453	0	36.1
NOV	2010	494	186	190	8233	9103	15290	24393	494	186	190	870	8233	15290	24393	3810	515	0	36.1
DEC	2010	555	203	190	8271	9218	15209	24427	555	203	190	948	8271	15209	24427	4580	531	0	36.1
JAN	2011	632	248	199	8532	9612	14953	24564	632	248	199	1080	8532	14953	24564	5350	677	0	35.9
												* * * * E F F E C T I V E S P A C E * * * *							
JAN	2011	632	248	199	8532	9612	14953	24564	328	248	199	776	8532	14953	24261	5350	677	0	35.9
FEB	2011	705	295	210	8818	10028	14763	24792	400	295	210	905	8818	14763	24487	1500	661	0	35.7

To: All Annual Operating Plan Recipients

From: Lower Colorado Region
Boulder Canyon Operations Office
River Operations Group
Bruce Williams
P.O. Box 61470
Boulder City, NV 89006-1470
Phone: 702-293-8571

The operation of Lake Powell and Lake Mead in this April 2009 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines), and reflects the 2009 Annual Operating Plan (AOP). Pursuant to the Interim Guidelines, the Upper Elevation Balancing Tier is the operational tier for water year 2009 for Glen Canyon Dam. The Intentionally Created Surplus (ICS) Surplus condition is the criterion governing the operation of Lake Mead for calendar year 2009.

The Interim Guidelines are available for download at http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf. The 2009 AOP is available for download at http://www.usbr.gov/uc/water/rsvrs/ops/aop/AOP09_final.pdf.

The April 24-Month study projects the end of water year elevation at Lake Powell to be 3637.13 feet and Lake Mead to be 1092.04 feet. Since the projected end of water year elevation at Lake Powell is below the 2009 Equalization Elevation of 3639 feet and the projected end of water year elevation at Lake Mead is above elevation 1075 feet, Sections 6.B.1. and 6.B.4. of the Interim Guidelines provide for an annual release volume of 8.23 million acre-feet from Glen Canyon Dam during water year 2009.

Current runoff projections into Lake Powell are provided by the National Weather Service's Colorado Basin River Forecast Center and are as follows: Observed unregulated inflow into Lake Powell for the month of March 2009 was 0.468 maf or 71% of the 30 year average. The forecast for April 2009 unregulated inflow into Lake Powell is 0.900 maf or 91% of the 30 year average. The forecast for the April through July unregulated inflow is 7.20 maf or 91% of average.

In this study, the Calendar Year (CY) 2009 diversion for Metropolitan Water District of Southern California (MWD) is forecasted to be 0.880 maf. The CY 2009 diversion for the Central Arizona Project (CAP) is forecasted to be 1.513 maf. Consumptive use for Nevada above Hoover is forecasted to be 0.322 maf for CY 2009.

Due to declining Lake Mead elevations, Hoover's generator capacity is adjusted based on estimated effective capacity and plant availability. The estimated effective capacity is based on projected Lake Mead elevations. Unit capacity tests will be performed as the lake elevation changes in 2-foot increments. This study reflects these changes in the projections.

Hoover, Davis, and Parker historical gross energy figures come from PO&M reports provided by the Power and O&M Group, Boulder Canyon Operations Office, Bureau of Reclamation, Boulder City, Nevada. Questions regarding these historical energy numbers can be directed to Larry Karr at (702) 293-8094.

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T E M R E S E R V O I R S

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Fontenelle Reservoir

		Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Apr 2008	53	1	42	0	42	6467.95	111
H	May 2008	132	1	64	1	65	6481.73	177
I	Jun 2008	224	2	100	0	101	6499.83	298
S	Jul 2008	173	3	104	34	138	6503.99	330
T	Aug 2008	47	2	91	0	91	6497.83	283
O	Sep 2008	36	2	63	0	63	6493.80	254
	WY 2008	838	14	712	44	756		
R	Oct 2008	43	1	65	0	65	6490.51	231
I	Nov 2008	41	1	48	13	61	6487.43	211
C	Dec 2008	30	1	26	35	60	6482.26	180
A	Jan 2009	33	1	61	0	61	6476.93	151
L	Feb 2009	27	0	53	0	53	6471.15	124
*	Mar 2009	46	0	59	0	59	6467.98	111
	Apr 2009	85	1	60	0	60	6473.64	135
	May 2009	180	1	100	0	100	6487.83	214
	Jun 2009	295	2	104	104	208	6499.94	298
	Jul 2009	155	3	101	10	111	6505.30	340
	Aug 2009	74	2	93	0	93	6502.55	318
	Sep 2009	46	2	59	8	67	6499.53	295
	WY 2009	1053	15	827	169	997		
	Oct 2009	49	1	69	0	69	6496.51	273
	Nov 2009	41	1	67	0	67	6492.68	246
	Dec 2009	32	1	69	0	69	6486.90	208
	Jan 2010	30	1	69	0	69	6480.13	167
	Feb 2010	27	0	63	0	63	6472.79	131
	Mar 2010	51	0	69	0	69	6468.45	113
	Apr 2010	89	1	83	0	83	6469.63	118
	May 2010	176	1	99	5	105	6483.68	188
	Jun 2010	308	2	103	93	196	6499.77	297
	Jul 2010	186	3	101	37	138	6505.56	342
	Aug 2010	83	2	100	5	105	6502.51	318
	Sep 2010	49	2	68	0	68	6499.79	297
	WY 2010	1120	15	961	141	1103		
	Oct 2010	49	1	70	0	70	6496.72	275
	Nov 2010	41	1	68	0	68	6492.84	247
	Dec 2010	32	1	70	0	70	6487.00	209
	Jan 2011	30	1	70	0	70	6480.17	168
	Feb 2011	27	0	63	0	63	6472.76	131
	Mar 2011	51	0	70	0	70	6468.31	112

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Flaming Gorge Reservoir

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Yampa Flow 1000 Ac-Ft	Jensen Flow 1000 Ac-Ft
*	Apr 2008	83	71	5	53	0	53	85	6021.85	3045	200	231
H	May 2008	177	110	7	101	0	101	85	6021.85	3045	772	793
I	Jun 2008	284	161	10	177	0	177	84	6021.15	3020	723	917
S	Jul 2008	188	153	12	93	0	93	86	6022.43	3066	152	306
T	Aug 2008	48	92	12	92	0	92	85	6022.11	3055	29	132
O	Sep 2008	40	67	10	89	0	89	84	6021.25	3024	22	126
	WY 2008	1023	942	75	893	10	903					3017
R	Oct 2008	45	67	7	71	0	71	83	6020.97	3014	21	119
I	Nov 2008	47	66	3	65	0	65	83	6020.91	3012	0	107
C	Dec 2008	17	48	2	79	0	79	82	6020.01	2980	0	116
A	Jan 2009	39	67	2	80	0	80	82	6019.63	2967	0	752
L	Feb 2009	37	64	2	62	0	62	82	6019.63	2967	0	104
*	Mar 2009	62	75	3	52	0	52	82	6020.18	2986	0	142
	Apr 2009	110	85	5	48	0	48	84	6021.07	3017	0	48
	May 2009	205	125	7	94	0	94	84	6021.70	3040	0	94
	Jun 2009	330	243	10	181	0	181	87	6023.09	3090	0	181
	Jul 2009	165	121	13	80	0	80	88	6023.83	3117	0	80
	Aug 2009	81	100	12	80	0	80	88	6024.03	3125	0	80
	Sep 2009	54	75	11	77	0	77	87	6023.69	3112	0	77
	WY 2009	1192	1136	76	968	0	968					1900
	Oct 2009	59	80	7	80	0	80	87	6023.51	3106	0	80
	Nov 2009	51	78	3	77	0	77	87	6023.43	3103	0	77
	Dec 2009	37	74	2	80	0	80	87	6023.24	3096	0	80
	Jan 2010	41	81	2	80	0	80	87	6023.21	3095	0	80
	Feb 2010	45	81	2	72	0	72	87	6023.39	3101	0	72
	Mar 2010	103	122	3	80	0	80	88	6024.41	3138	0	80
	Apr 2010	142	137	5	77	0	77	91	6025.82	3191	0	77
	May 2010	263	192	8	140	0	140	92	6026.95	3233	0	140
	Jun 2010	400	288	10	177	0	177	96	6029.51	3330	0	177
	Jul 2010	219	172	14	113	0	113	98	6030.64	3374	0	113
	Aug 2010	97	118	13	113	0	113	98	6030.45	3367	0	113
	Sep 2010	58	77	11	109	0	109	96	6029.38	3325	0	109
	WY 2010	1516	1499	79	1198	0	1198					1198
	Oct 2010	59	81	7	113	0	113	94	6028.39	3287	0	113
	Nov 2010	51	78	3	109	0	109	93	6027.51	3254	0	109
	Dec 2010	37	75	2	113	0	113	92	6026.49	3216	0	113
	Jan 2011	41	81	2	113	0	113	90	6025.63	3183	0	113
	Feb 2011	45	81	2	102	0	102	89	6025.04	3162	0	102
	Mar 2011	103	122	3	113	0	113	90	6025.20	3168	0	113

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Taylor Park Reservoir

	Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
* Apr 2008	7	19	9305.56	63
H May 2008	36	27	9310.30	70
I Jun 2008	65	40	9324.75	96
S Jul 2008	29	34	9322.03	91
T Aug 2008	12	23	9315.69	79
O Sep 2008	8	15	9311.36	72
WY 2008	186	190		
R Oct 2008	7	7	9311.31	72
I Nov 2008	5	5	9311.19	72
C Dec 2008	5	5	9311.34	72
A Jan 2009	5	5	9311.21	72
L Feb 2009	4	5	9310.95	71
* Mar 2009	4	5	9310.68	71
Apr 2009	9	10	9309.76	70
May 2009	29	20	9315.13	78
Jun 2009	44	22	9327.23	101
Jul 2009	18	24	9324.31	95
Aug 2009	9	18	9319.66	86
Sep 2009	7	14	9315.53	79
WY 2009	146	139		
Oct 2009	6	8	9314.41	77
Nov 2009	5	6	9313.75	76
Dec 2009	4	6	9312.80	74
Jan 2010	4	6	9311.69	73
Feb 2010	4	6	9310.28	70
Mar 2010	4	6	9309.17	69
Apr 2010	8	8	9309.38	69
May 2010	27	18	9314.98	78
Jun 2010	43	20	9327.40	101
Jul 2010	20	22	9326.59	99
Aug 2010	10	22	9320.27	87
Sep 2010	7	15	9315.74	79
WY 2010	143	143		
Oct 2010	6	10	9313.43	75
Nov 2010	5	6	9312.75	74
Dec 2010	4	6	9311.80	73
Jan 2011	4	6	9310.67	71
Feb 2011	4	6	9309.24	69
Mar 2011	4	6	9308.11	67

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Blue Mesa Reservoir

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Apr 2008	107	119	1	147	0	147	7466.24	411
H	May 2008	318	312	1	199	50	250	7475.27	472
I	Jun 2008	409	383	1	143	20	163	7503.56	691
S	Jul 2008	172	176	1	103	0	103	7511.87	762
T	Aug 2008	70	82	1	119	0	119	7507.44	724
O	Sep 2008	35	42	1	115	0	115	7498.61	650
	WY 2008	1324	1329	8	1287	70	1358		
R	Oct 2008	33	33	1	85	0	85	7492.14	598
I	Nov 2008	27	28	0	33	0	33	7491.42	592
C	Dec 2008	28	27	0	36	0	36	7490.25	583
A	Jan 2009	26	27	0	39	0	39	7488.62	571
L	Feb 2009	24	24	0	42	0	42	7486.19	552
*	Mar 2009	40	40	0	49	0	49	7484.97	543
	Apr 2009	75	76	1	99	0	99	7481.85	520
	May 2009	225	216	1	115	0	115	7494.87	620
	Jun 2009	280	258	1	74	0	74	7516.35	802
	Jul 2009	110	116	2	114	0	114	7516.40	803
	Aug 2009	58	67	1	121	0	121	7510.13	747
	Sep 2009	35	42	1	111	0	111	7501.94	677
	WY 2009	961	954	9	918	0	918		
	Oct 2009	35	37	1	80	0	80	7496.62	634
	Nov 2009	31	32	0	50	0	50	7494.31	615
	Dec 2009	25	27	0	60	0	60	7490.00	581
	Jan 2010	24	26	0	73	0	73	7483.80	534
	Feb 2010	22	24	0	62	0	62	7478.55	495
	Mar 2010	34	36	0	63	0	63	7474.74	468
	Apr 2010	73	73	1	64	0	64	7475.92	477
	May 2010	212	203	1	69	0	69	7493.59	610
	Jun 2010	271	248	1	69	0	69	7514.77	788
	Jul 2010	121	122	2	106	0	106	7516.40	803
	Aug 2010	62	74	1	122	0	122	7510.78	753
	Sep 2010	36	44	1	113	0	113	7502.61	683
	WY 2010	946	945	9	931	0	931		
	Oct 2010	35	39	1	78	0	78	7497.80	643
	Nov 2010	31	32	0	48	0	48	7495.75	627
	Dec 2010	25	27	0	72	0	72	7490.00	581
	Jan 2011	24	26	0	73	0	73	7483.80	534
	Feb 2011	22	24	0	62	0	62	7478.55	495
	Mar 2011	34	36	0	63	0	63	7474.75	468

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Morrow Point Reservoir

		Unreg Inflow 1000 Ac-Ft	Blue_Mesa Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Evap losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Apr 2008	109	147	1	148	0	153	0	153	7149.81	109
H	May 2008	343	250	25	275	0	255	24	278	7144.87	105
I	Jun 2008	432	163	23	186	0	177	4	180	7152.31	111
S	Jul 2008	178	103	6	109	0	108	0	108	7152.94	111
T	Aug 2008	71	119	0	120	0	117	0	117	7156.16	114
O	Sep 2008	35	115	0	115	0	115	0	115	7155.78	114
	WY 2008	1358	1358	35	1413	1	1365	27	1392		
R	Oct 2008	33	85	0	85	0	86	0	86	7153.95	112
I	Nov 2008	29	33	2	35	0	35	0	35	7153.60	112
C	Dec 2008	29	36	2	38	0	39	0	39	7152.11	111
A	Jan 2009	28	39	1	40	0	43	0	43	7148.12	108
L	Feb 2009	24	42	1	43	0	45	0	45	7145.98	106
*	Mar 2009	42	49	2	51	0	43	6	49	7147.72	107
	Apr 2009	86	99	11	110	0	105	0	105	7153.73	112
	May 2009	252	115	27	142	0	142	0	142	7153.73	112
	Jun 2009	302	74	22	96	0	96	0	96	7153.73	112
	Jul 2009	115	114	5	119	0	119	0	119	7153.73	112
	Aug 2009	61	121	3	124	0	124	0	124	7153.73	112
	Sep 2009	38	111	3	114	0	114	0	114	7153.73	112
	WY 2009	1038	918	78	996	0	991	6	997		
	Oct 2009	38	80	3	83	0	83	0	83	7153.73	112
	Nov 2009	33	50	2	52	0	52	0	52	7153.73	112
	Dec 2009	27	60	2	63	0	63	0	63	7153.73	112
	Jan 2010	26	73	2	75	0	75	0	75	7153.73	112
	Feb 2010	25	62	3	65	0	65	0	65	7153.73	112
	Mar 2010	38	63	4	67	0	67	0	67	7153.73	112
	Apr 2010	84	64	11	75	0	75	0	75	7153.73	112
	May 2010	237	69	25	94	0	94	0	94	7153.73	112
	Jun 2010	292	69	21	90	0	90	0	90	7153.73	112
	Jul 2010	127	106	7	113	0	113	0	113	7153.73	112
	Aug 2010	65	122	4	126	0	126	0	126	7153.73	112
	Sep 2010	39	113	3	116	0	116	0	116	7153.73	112
	WY 2010	1032	931	86	1017	0	1017	0	1017		
	Oct 2010	38	78	3	81	0	81	0	81	7153.73	112
	Nov 2010	33	48	2	50	0	50	0	50	7153.73	112
	Dec 2010	27	72	2	74	0	74	0	74	7153.73	112
	Jan 2011	26	73	2	75	0	75	0	75	7153.73	112
	Feb 2011	25	62	3	65	0	65	0	65	7153.73	112
	Mar 2011	38	63	4	67	0	67	0	67	7153.73	112

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Crystal Reservoir

		unreg Inflow 1000 Ac-Ft	Morrow Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Tunnel Flow 1000 Ac-Ft	Below_tunnel Flow 1000 Ac-Ft
*	Apr 2008	124	153	16	168	127	40	168	6751.31	16	23	150
H	May 2008	388	278	45	323	130	191	321	6760.22	19	54	279
I	Jun 2008	484	180	52	232	118	116	234	6753.95	17	47	201
S	Jul 2008	191	108	13	121	123	0	123	6747.80	15	62	73
T	Aug 2008	75	117	5	122	123	0	123	6742.41	14	66	66
O	Sep 2008	38	115	3	118	118	0	118	6741.71	14	61	63
	WY 2008	1520	1392	162	1554	1164	392	1555			356	1283
R	Oct 2008	36	86	3	89	89	0	89	6744.34	15	55	45
I	Nov 2008	33	35	4	38	39	0	39	6742.20	14	1	40
C	Dec 2008	32	39	3	42	42	0	42	6742.53	14	1	43
A	Jan 2009	31	43	4	47	38	9	47	6741.02	14	1	49
L	Feb 2009	28	45	3	48	24	20	45	6752.05	17	1	46
*	Mar 2009	47	49	5	55	55	0	55	6751.30	16	9	47
	Apr 2009	105	105	19	124	124	0	124	6753.04	17	30	94
	May 2009	280	142	28	170	134	36	170	6753.04	17	55	115
	Jun 2009	335	96	33	129	129	0	129	6753.04	17	60	69
	Jul 2009	125	119	10	129	129	0	129	6753.04	17	65	64
	Aug 2009	67	124	6	130	130	0	130	6753.04	17	65	65
	Sep 2009	43	114	6	119	119	0	119	6753.04	17	55	64
	WY 2009	1162	997	124	1121	1052	65	1117			396	741
	Oct 2009	44	83	7	89	89	0	89	6753.04	17	30	59
	Nov 2009	38	52	5	57	57	0	57	6753.04	17	0	57
	Dec 2009	32	63	5	67	67	0	67	6753.04	17	0	67
	Jan 2010	31	75	5	80	80	0	80	6753.04	17	0	80
	Feb 2010	29	65	4	69	69	0	69	6753.04	17	0	69
	Mar 2010	46	67	7	74	74	0	74	6753.04	17	5	69
	Apr 2010	96	75	12	87	87	0	87	6753.04	17	30	57
	May 2010	272	94	35	129	129	0	129	6753.04	17	55	74
	Jun 2010	330	90	38	128	128	0	128	6753.04	17	60	68
	Jul 2010	144	113	17	130	130	0	130	6753.04	17	65	65
	Aug 2010	74	126	8	134	134	0	134	6753.04	17	65	69
	Sep 2010	45	116	6	122	122	0	122	6753.04	17	55	67
	WY 2010	1183	1017	151	1168	1168	0	1168			365	803
	Oct 2010	44	81	7	87	87	0	87	6753.04	17	30	57
	Nov 2010	38	50	5	55	55	0	55	6753.04	17	0	55
	Dec 2010	32	74	5	79	79	0	79	6753.04	17	0	79
	Jan 2011	31	75	5	80	80	0	80	6753.04	17	0	80
	Feb 2011	29	65	4	69	69	0	69	6753.04	17	0	69
	Mar 2011	46	67	7	74	74	0	74	6753.04	17	5	69

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Vallecito Reservoir

		Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Apr 2008	33	29	7628.85	43
H	May 2008	77	38	7647.76	82
I	Jun 2008	84	43	7663.79	122
S	Jul 2008	32	40	7660.68	114
T	Aug 2008	15	39	7651.24	90
O	Sep 2008	11	31	7642.57	70
	WY 2008	305	315		
R	Oct 2008	9	14	7640.18	65
I	Nov 2008	5	2	7641.75	68
C	Dec 2008	5	2	7643.06	71
A	Jan 2009	5	2	7644.39	74
L	Feb 2009	5	2	7645.61	77
*	Mar 2009	9	5	7647.33	81
	Apr 2009	18	10	7650.57	88
	May 2009	65	37	7661.44	116
	Jun 2009	65	56	7664.58	124
	Jul 2009	22	43	7656.36	103
	Aug 2009	16	42	7645.21	76
	Sep 2009	16	32	7637.47	59
	WY 2009	258	248		
	Oct 2009	13	20	7633.53	51
	Nov 2009	8	8	7633.59	51
	Dec 2009	6	3	7635.04	54
	Jan 2010	5	3	7636.06	56
	Feb 2010	5	3	7636.92	58
	Mar 2010	8	3	7639.23	63
	Apr 2010	22	12	7643.72	72
	May 2010	69	40	7655.84	101
	Jun 2010	78	54	7664.57	124
	Jul 2010	31	43	7659.78	112
	Aug 2010	19	42	7650.52	88
	Sep 2010	17	32	7644.03	73
	WY 2010	281	264		
	Oct 2010	13	19	7641.18	67
	Nov 2010	8	7	7641.69	68
	Dec 2010	6	5	7642.10	69
	Jan 2011	5	5	7642.32	69
	Feb 2011	5	4	7642.47	70
	Mar 2011	8	5	7643.94	73

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Navajo Reservoir

		Mod_Unreg Inflow 1000 Ac-Ft	Azetea Tunnel_Div 1000 Ac-Ft	Reg Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	NIIP Diversion 1000 ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Farm Flow 1000 Ac-Ft
*	Apr 2008	242	27	221	2	21	159	6060.97	1360	240
H	May 2008	337	45	254	4	31	159	6065.54	1420	303
I	Jun 2008	310	49	217	4	39	224	6061.77	1370	411
S	Jul 2008	82	14	74	4	40	32	6061.63	1369	103
T	Aug 2008	31	3	52	4	36	40	6059.46	1341	58
O	Sep 2008	31	2	48	3	22	45	6057.74	1319	57
	WY 2008	1349	146	1219	28	206	1185			1887
R	Oct 2008	28	0	34	2	11	32	6056.83	1308	45
I	Nov 2008	21	0	17	1	0	30	6055.68	1294	47
C	Dec 2008	19	0	16	1	0	31	6054.38	1278	48
A	Jan 2009	22	0	19	1	1	31	6053.29	1265	54
L	Feb 2009	27	1	24	1	0	28	6052.85	1259	49
*	Mar 2009	76	6	65	2	5	31	6055.13	1287	0
	Apr 2009	130	7	115	2	15	30	6060.58	1355	30
	May 2009	265	41	196	4	26	85	6066.79	1437	85
	Jun 2009	235	33	193	4	40	147	6066.93	1439	147
	Jul 2009	60	3	78	5	43	31	6066.96	1439	31
	Aug 2009	38	3	61	4	36	31	6066.27	1430	31
	Sep 2009	40	1	55	3	20	30	6066.41	1432	30
	WY 2009	961	94	873	28	199	536			595
	Oct 2009	38	2	44	2	7	31	6066.71	1436	31
	Nov 2009	33	0	32	1	0	30	6066.83	1437	30
	Dec 2009	24	0	21	1	0	31	6066.06	1427	31
	Jan 2010	22	0	20	1	0	31	6065.18	1415	31
	Feb 2010	30	0	28	1	0	28	6065.16	1415	28
	Mar 2010	88	2	82	2	4	31	6068.49	1460	31
	Apr 2010	174	16	148	3	16	34	6075.26	1555	34
	May 2010	279	33	216	4	28	200	6074.13	1539	200
	Jun 2010	246	29	194	5	43	212	6069.40	1472	212
	Jul 2010	74	7	79	5	46	31	6069.23	1470	31
	Aug 2010	43	3	63	4	39	31	6068.51	1460	31
	Sep 2010	42	1	56	3	22	30	6068.62	1462	30
	WY 2010	1094	93	983	30	205	718			718
	Oct 2010	38	0	44	2	7	31	6068.92	1466	31
	Nov 2010	33	0	32	1	1	30	6068.90	1465	30
	Dec 2010	24	0	23	1	1	31	6068.20	1456	31
	Jan 2011	22	0	21	1	0	31	6067.45	1446	31
	Feb 2011	30	0	30	1	0	28	6067.53	1447	28
	Mar 2011	88	2	83	2	4	31	6070.90	1493	31

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Lake Powell

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	PowerPlant Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Bank Storage 1000 Ac-Ft	EOM Storage 1000 Ac-Ft	Lees Ferry 1000 Ac-Ft
*	Apr 2008	1003	1004	21	678	0	678	3594.09	18151	11195	691
H	May 2008	2644	2365	27	790	0	790	3610.81	18082	12812	807
I	Jun 2008	3585	3330	49	791	0	791	3631.05	18413	14971	810
S	Jul 2008	1709	1430	63	865	0	865	3633.00	18694	15192	887
T	Aug 2008	489	596	62	890	0	890	3629.55	18727	14803	914
O	Sep 2008	390	555	56	723	0	723	3626.90	18797	14509	738
	WY 2008	12420	12474	396	8885	93	8978				9164
R	Oct 2008	382	498	38	749	0	749	3623.82	18844	14172	762
I	Nov 2008	418	455	36	603	0	603	3621.90	18866	13966	612
C	Dec 2008	311	385	28	801	0	801	3617.89	18847	13541	818
A	Jan 2009	329	394	9	802	0	802	3614.17	18816	13155	822
L	Feb 2009	328	382	9	602	0	602	3612.05	18803	12938	612
*	Mar 2009	468	442	16	626	0	626	3610.43	18768	12774	632
	Apr 2009	900	778	27	600	0	600	3611.81	18779	12913	600
	May 2009	2400	2066	38	600	0	600	3624.41	18885	14236	600
	Jun 2009	2800	2430	46	625	0	625	3638.82	19015	15864	625
	Jul 2009	1100	1034	55	815	0	815	3640.11	19028	16016	815
	Aug 2009	497	592	56	813	0	813	3637.93	19007	15759	813
	Sep 2009	431	543	48	595	0	595	3637.13	19000	15666	595
	WY 2009	10364	9997	407	8230	0	8230				8306
	Oct 2009	506	574	44	615	0	615	3636.45	18993	15588	615
	Nov 2009	523	566	36	600	0	600	3635.89	18988	15523	600
	Dec 2009	418	503	30	800	0	800	3633.25	18964	15220	800
	Jan 2010	384	481	22	900	0	900	3629.63	18931	14812	900
	Feb 2010	395	460	21	800	0	800	3626.62	18904	14477	800
	Mar 2010	628	581	25	800	0	800	3624.55	18886	14252	800
	Apr 2010	952	770	29	950	0	950	3622.77	18871	14059	950
	May 2010	2161	1878	39	1000	0	1000	3629.84	18933	14835	1000
	Jun 2010	2808	2421	47	1178	0	1178	3639.48	19022	15942	1178
	Jul 2010	1345	1234	55	1175	0	1175	3639.51	19022	15946	1175
	Aug 2010	566	672	56	1125	0	1125	3635.47	18984	15475	1125
	Sep 2010	459	597	48	595	0	595	3635.11	18981	15432	595
	WY 2010	11147	10737	452	10538	0	10538				10538
	Oct 2010	506	603	43	615	0	615	3634.66	18977	15382	615
	Nov 2010	523	597	36	600	0	600	3634.35	18974	15345	600
	Dec 2010	418	548	30	800	0	800	3632.06	18953	15085	800
	Jan 2011	384	514	22	800	0	800	3629.52	18930	14800	800
	Feb 2011	395	489	21	700	0	700	3627.60	18913	14585	700
	Mar 2011	628	614	26	700	0	700	3626.66	18905	14482	700

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Hoover Dam - Lake Mead

		Glen Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	SNWP Use 1000 Ac-Ft	Dwnstrm Reqmnts 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
*	Apr 2008	678	40	44	1159	19.5	24	1155	810	1110.61	12463
H	May 2008	790	49	49	1113	18.1	30	1110	789	1107.05	12132
I	Jun 2008	791	44	59	949	15.9	30	949	776	1104.98	11941
S	Jul 2008	865	63	73	876	14.2	33	874	773	1104.42	11890
T	Aug 2008	890	95	78	804	13.1	34	789	777	1105.13	11955
O	Sep 2008	723	77	64	652	11.0	22	642	781	1105.76	12013
	WY 2008	8978	912	606	9531		278	9468			
R	Oct 2008	749	47	47	508	8.3	26	498	794	1107.94	12213
I	Nov 2008	603	74	47	675	11.3	15	659	790	1107.33	12157
C	Dec 2008	801	62	41	453	7.4	8	432	812	1110.97	12496
A	Jan 2009	802	63	34	741	12.1	9	739	817	1111.78	12572
L	Feb 2009	602	82	31	679	12.2	9	669	815	1111.43	12539
*	Mar 2009	626	63	34	1037	16.9	18	1035	791	1107.40	12164
	Apr 2009	600	75	42	1191	20.0	26	1191	755	1101.40	11616
	May 2009	600	70	47	1018	16.6	35	1018	729	1096.86	11212
	Jun 2009	625	24	56	882	14.8	33	882	709	1093.42	10910
	Jul 2009	815	61	69	909	14.8	35	909	701	1091.93	10781
	Aug 2009	813	110	73	794	12.9	36	794	702	1092.15	10800
	Sep 2009	595	78	61	593	10.0	31	593	701	1092.04	10790
	WY 2009	8230	809	583	9480		278	9418			
	Oct 2009	615	73	44	490	8.0	39	490	708	1093.27	10897
	Nov 2009	600	73	44	542	9.1	28	542	712	1093.90	10952
	Dec 2009	800	65	39	561	9.1	23	561	727	1096.50	11180
	Jan 2010	900	131	32	678	11.0	19	678	745	1099.70	11464
	Feb 2010	800	134	30	667	12.0	18	667	759	1101.99	11670
	Mar 2010	800	96	33	1013	16.5	25	1013	748	1100.16	11505
	Apr 2010	950	75	41	1136	19.1	23	1136	737	1098.32	11341
	May 2010	1000	70	47	1009	16.4	32	1009	736	1098.13	11324
	Jun 2010	1178	24	57	902	15.2	30	902	749	1100.37	11524
	Jul 2010	1175	61	72	902	14.7	32	902	763	1102.77	11740
	Aug 2010	1125	110	78	811	13.2	33	811	782	1105.99	12035
	Sep 2010	595	78	64	679	11.4	28	679	776	1105.00	11943
	WY 2010	10538	990	581	9390		329	9390			
	Oct 2010	615	73	47	453	7.4	36	453	786	1106.54	12085
	Nov 2010	600	73	47	515	8.7	25	515	791	1107.41	12165
	Dec 2010	800	65	41	531	8.6	20	531	807	1110.17	12422
	Jan 2011	800	131	34	677	11.0	19	677	820	1112.19	12611
	Feb 2011	700	134	31	661	11.9	18	661	827	1113.42	12728
	Mar 2011	700	96	35	1014	16.5	25	1014	810	1110.66	12467

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Davis Dam - Lake Mohave

		Hoover Release 1000 Ac-Ft	Side inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Spill Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
*	Apr 2008	1159	-23	1104	0	1104	18.6	641.20	1650
H	May 2008	1113	-45	993	0	993	16.2	643.95	1725
I	Jun 2008	949	-34	932	0	932	15.7	643.36	1709
S	Jul 2008	876	-23	896	0	896	14.6	641.79	1666
T	Aug 2008	804	-26	798	0	798	13.0	641.06	1646
O	Sep 2008	652	-15	698	0	698	11.7	638.80	1585
	WY 2008	9531	-285	9205	0	9205			
R	Oct 2008	508	-18	632	0	632	10.3	633.37	1444
I	Nov 2008	675	-23	603	0	603	10.1	635.28	1493
C	Dec 2008	453	-23	339	0	339	5.5	638.77	1585
A	Jan 2009	741	-25	655	0	655	10.6	641.08	1647
L	Feb 2009	679	-18	629	0	629	11.3	642.29	1679
*	Mar 2009	1037	-27	1035	0	1035	16.8	641.38	1655
	Apr 2009	1191	-28	1119	0	1119	18.8	643.00	1699
	May 2009	1018	-35	983	0	983	16.0	643.00	1699
	Jun 2009	882	-27	882	0	882	14.8	642.00	1671
	Jul 2009	909	-23	899	0	899	14.6	641.50	1658
	Aug 2009	794	-25	769	0	769	12.5	641.50	1658
	Sep 2009	593	-17	670	0	670	11.3	638.00	1564
	WY 2009	9480	-289	9212	0	9212			
	Oct 2009	490	-4	616	0	616	10.0	633.00	1434
	Nov 2009	542	-18	498	0	498	8.4	634.00	1460
	Dec 2009	561	-20	419	0	419	6.8	638.71	1583
	Jan 2010	678	-22	573	0	573	9.3	641.80	1666
	Feb 2010	667	-15	652	0	652	11.7	641.80	1666
	Mar 2010	1013	-26	953	0	953	15.5	643.05	1700
	Apr 2010	1136	-28	1109	0	1109	18.6	643.00	1699
	May 2010	1009	-35	974	0	974	15.8	643.00	1699
	Jun 2010	902	-27	902	0	902	15.2	642.00	1671
	Jul 2010	902	-23	893	0	893	14.5	641.50	1658
	Aug 2010	811	-25	786	0	786	12.8	641.50	1658
	Sep 2010	679	-17	756	0	756	12.7	638.00	1564
	WY 2010	9390	-260	9129	0	9129			
	Oct 2010	453	-4	579	0	579	9.4	633.00	1434
	Nov 2010	515	-18	471	0	471	7.9	634.00	1460
	Dec 2010	531	-20	388	0	388	6.3	638.71	1583
	Jan 2011	677	-22	572	0	572	9.3	641.80	1666
	Feb 2011	661	-15	646	0	646	11.6	641.80	1666
	Mar 2011	1014	-26	953	0	953	15.5	643.05	1700

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Parker Dam - Lake Havasu

		Davis Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	MWD Diversion 1000 Ac-Ft	CAP diversion 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft	Flow_to Mexico 1000 Ac-Ft	Flow_to Mexico 1000 CFS
*	Apr 2008	1104	-10	838	14.1	76	166	447.25	566	202	3.4
H	May 2008	993	-11	684	11.1	97	172	448.84	596	113	1.8
I	Jun 2008	932	-25	691	11.6	94	126	448.62	592	115	1.9
S	Jul 2008	896	-18	728	11.8	87	78	447.86	577	122	2.0
T	Aug 2008	798	-2	635	10.3	82	65	448.54	590	109	1.8
O	Sep 2008	698	-10	519	8.7	82	94	448.19	584	99	1.7
	WY 2008	9205	-80	6692		803	1622			1560	
R	Oct 2008	632	3	452	7.4	77	136	446.55	553	84	1.4
I	Nov 2008	603	16	379	6.4	53	168	447.54	571	118	2.0
C	Dec 2008	339	15	236	3.8	67	65	446.81	558	139	2.3
A	Jan 2009	655	-7	379	6.2	99	171	446.67	555	121	2.0
L	Feb 2009	629	2	397	7.2	82	162	446.08	544	162	2.9
*	Mar 2009	1035	-7	736	12.0	99	180	446.75	557	209	3.4
	Apr 2009	1119	-6	813	13.7	101	161	448.71	594	200	3.4
	May 2009	983	-16	708	11.5	99	160	448.71	594	113	1.8
	Jun 2009	882	-26	667	11.2	96	92	448.71	594	112	1.9
	Jul 2009	899	-18	728	11.8	99	68	448.00	580	119	1.9
	Aug 2009	769	-11	622	10.1	95	50	447.50	571	93	1.5
	Sep 2009	670	-12	545	9.2	27	98	446.81	557	89	1.5
	WY 2009	9212	-66	6665		995	1512			1559	
	Oct 2009	616	6	454	7.4	22	154	446.31	548	74	1.2
	Nov 2009	498	13	364	6.1	30	114	446.50	552	103	1.7
	Dec 2009	419	11	297	4.8	31	103	446.50	552	116	1.9
	Jan 2010	573	25	345	5.6	84	168	446.50	552	119	1.9
	Feb 2010	652	28	452	8.1	76	152	446.50	552	154	2.8
	Mar 2010	953	30	727	11.8	84	168	446.70	555	204	3.3
	Apr 2010	1109	-6	821	13.8	81	163	448.71	594	199	3.3
	May 2010	974	-16	705	11.5	84	169	448.71	594	111	1.8
	Jun 2010	902	-26	672	11.3	81	123	448.71	594	116	1.9
	Jul 2010	893	-18	728	11.8	84	77	448.00	580	119	1.9
	Aug 2010	786	-11	622	10.1	84	79	447.50	571	93	1.5
	Sep 2010	756	-12	545	9.2	61	151	446.81	557	89	1.5
	WY 2010	9129	24	6733		800	1620			1497	
	Oct 2010	579	6	454	7.4	24	116	446.31	548	74	1.2
	Nov 2010	471	13	365	6.1	24	92	446.50	552	103	1.7
	Dec 2010	388	11	300	4.9	24	75	446.50	552	118	1.9
	Jan 2011	572	25	344	5.6	84	168	446.50	552	119	1.9
	Feb 2011	646	28	446	8.0	76	152	446.50	552	149	2.7
	Mar 2011	953	30	727	11.8	84	169	446.70	555	206	3.4

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T E M R E S E R V O I R S

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Hoover Dam - Lake Mead

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Hoover Static Head Feet	Hoover Generator Capacity MW	Hoover Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Apr 2008	1159	19.5	1110.61	12463	-477	0.00	1393.0	475.9	81	410.7
H	May 2008	1113	18.1	1107.05	12132	-331	0.00	1482.0	445.7	87	400.5
I	Jun 2008	949	15.9	1104.98	11941	-190	0.00	1694.0	371.6	100	391.7
S	Jul 2008	876	14.2	1104.42	11890	-51	0.00	1672.0	344.2	100	392.8
T	Aug 2008	804	13.1	1105.13	11955	65	0.00	1678.0	316.2	100	393.1
O	Sep 2008	652	11.0	1105.76	12013	58	0.00	1677.0	252.9	100	387.9
	WY 2008	9530							3790.6		
R	Oct 2008	508	8.3	1107.94	12213	201	0.00	1038.0	188.5	61	370.8
I	Nov 2008	675	11.3	1107.33	12157	-56	0.00	926.0	263.1	55	389.9
C	Dec 2008	453	7.4	1110.97	12496	339	0.00	1523.0	171.3	88	377.7
A	Jan 2009	741	12.1	1111.78	12572	76	0.00	1305.0	299.0	75	403.3
L	Feb 2009	679	12.2	1111.43	12539	-33	0.00	1415.0	263.8	81	388.5
*	Mar 2009	1037	16.9	1107.40	12164	-376	0.00	950.0	415.9	55	401.2
	Apr 2009	1191	20.0	1101.40	11616	-548	453.89	1284.0	503.5	76	422.9
	May 2009	1018	16.6	1096.86	11212	-405	446.11	1582.0	406.4	94	399.2
	Jun 2009	882	14.8	1093.42	10910	-302	441.86	1676.0	348.9	100	395.7
	Jul 2009	909	14.8	1091.93	10781	-128	439.91	1685.0	358.1	100	393.9
	Aug 2009	794	12.9	1092.15	10800	19	439.44	1702.0	314.1	100	395.8
	Sep 2009	593	10.0	1092.04	10790	-10	440.63	1702.0	231.3	100	390.2
	WY 2009	9480							3764.0		
	Oct 2009	490	8.0	1093.27	10897	107	446.62	1187.0	195.6	69	399.1
	Nov 2009	542	9.1	1093.90	10952	55	448.57	1287.0	213.8	75	394.6
	Dec 2009	561	9.1	1096.50	11180	227	447.31	1506.0	220.0	87	391.9
	Jan 2010	678	11.0	1099.70	11464	284	448.88	1319.0	270.6	76	399.3
	Feb 2010	667	12.0	1101.99	11670	206	449.88	1436.0	268.9	83	403.5
	Mar 2010	1013	16.5	1100.16	11505	-165	449.80	1407.0	410.9	82	405.6
	Apr 2010	1136	19.1	1098.32	11341	-164	447.57	1389.0	468.4	82	412.4
	May 2010	1009	16.4	1098.13	11324	-17	445.26	1577.0	401.5	94	398.0
	Jun 2010	902	15.2	1100.37	11524	200	445.94	1675.0	361.0	100	400.3
	Jul 2010	902	14.7	1102.77	11740	216	448.73	1690.0	361.8	100	400.8
	Aug 2010	811	13.2	1105.99	12035	294	451.69	1707.0	330.2	100	407.0
	Sep 2010	679	11.4	1105.00	11943	-92	453.93	1707.0	272.3	100	401.1
	WY 2010	9390							3775.1		
	Oct 2010	453	7.4	1106.54	12085	142	459.67	1184.9	183.3	69	404.3
	Nov 2010	515	8.7	1107.41	12165	80	461.89	1281.8	206.4	75	400.9
	Dec 2010	531	8.6	1110.17	12422	256	460.83	1488.6	211.4	87	398.1
	Jan 2011	677	11.0	1112.19	12611	189	461.89	1294.7	277.0	76	409.2
	Feb 2011	661	11.9	1113.42	12728	117	461.77	1408.8	272.4	83	412.3
	Mar 2011	1014	16.5	1110.66	12467	-260	460.70	1393.1	420.2	82	414.6

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Davis Dam - Lake Mohave

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Davis Static Head Feet	Davis Generator Capacity MW	Davis Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Apr 2008	1104	18.6	641.20	1650	32	0.00	255.0	135.8	100	123.0
H	May 2008	993	16.2	643.95	1725	75	0.00	255.0	123.5	100	124.4
I	Jun 2008	932	15.7	643.36	1709	-16	0.00	255.0	117.8	100	126.5
S	Jul 2008	896	14.6	641.79	1666	-43	0.00	255.0	111.7	100	124.6
T	Aug 2008	798	13.0	641.06	1646	-20	0.00	255.0	98.5	100	123.4
O	Sep 2008	698	11.7	638.80	1585	-61	0.00	255.0	86.5	100	123.9
	WY 2008	9205							1137.7		
R	Oct 2008	632	10.3	633.37	1444	-141	0.00	211.7	74.9	83	118.6
I	Nov 2008	603	10.1	635.28	1493	49	0.00	186.2	71.8	73	119.1
C	Dec 2008	339	5.5	638.77	1585	91	0.00	163.2	42.1	64	124.2
A	Jan 2009	655	10.6	641.08	1647	62	0.00	155.6	80.8	61	123.4
L	Feb 2009	629	11.3	642.29	1679	33	0.00	193.8	79.3	76	126.1
*	Mar 2009	1035	16.8	641.38	1655	-25	0.00	255.0	121.2	100	117.1
	Apr 2009	1119	18.8	643.00	1699	44	135.19	255.0	138.1	100	123.4
	May 2009	983	16.0	643.00	1699	0	136.04	255.0	122.8	100	125.0
	Jun 2009	882	14.8	642.00	1671	-27	135.51	255.0	110.1	100	124.9
	Jul 2009	899	14.6	641.50	1658	-14	134.73	255.0	111.8	100	124.3
	Aug 2009	769	12.5	641.50	1658	0	134.46	255.0	95.9	100	124.7
	Sep 2009	670	11.3	638.00	1564	-94	132.63	255.0	82.8	100	123.6
	WY 2009	9212							1131.5		
	Oct 2009	616	10.0	633.00	1434	-130	129.25	216.8	74.0	85	120.2
	Nov 2009	498	8.4	634.00	1460	26	128.21	183.6	59.3	72	119.1
	Dec 2009	419	6.8	638.71	1583	123	131.03	188.7	51.2	74	122.3
	Jan 2010	573	9.3	641.80	1666	83	135.19	186.2	71.4	73	124.8
	Feb 2010	652	11.7	641.80	1666	0	136.23	204.0	81.7	80	125.3
	Mar 2010	953	15.5	643.05	1700	34	135.64	247.3	118.7	97	124.6
	Apr 2010	1109	18.6	643.00	1699	-2	136.07	255.0	137.8	100	124.2
	May 2010	974	15.8	643.00	1699	0	136.04	255.0	121.7	100	125.0
	Jun 2010	902	15.2	642.00	1671	-27	135.51	255.0	112.5	100	124.8
	Jul 2010	893	14.5	641.50	1658	-14	134.73	255.0	111.0	100	124.3
	Aug 2010	786	12.8	641.50	1658	0	134.46	255.0	98.0	100	124.6
	Sep 2010	756	12.7	638.00	1564	-94	132.63	255.0	93.0	100	123.1
	WY 2010	9129							1130.4		
	Oct 2010	579	9.4	633.00	1434	-130	128.65	237.2	69.8	93	120.5
	Nov 2010	471	7.9	634.00	1460	26	126.61	234.6	56.2	92	119.2
	Dec 2010	388	6.3	638.71	1583	123	129.47	239.7	47.6	94	122.5
	Jan 2011	572	9.3	641.80	1666	83	134.16	219.3	71.3	86	124.8
	Feb 2011	646	11.6	641.80	1666	0	135.05	244.8	81.0	96	125.3
	Mar 2011	953	15.5	643.05	1700	34	135.44	255.0	118.7	100	124.6

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Parker Dam - Lake Havasu

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Parker Static Head Feet	Parker Generator Capacity MW	Parker Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Apr 2008	838	14.1	447.25	566	14	0.00	90.0	55.0	75	65.6
H	May 2008	684	11.1	448.84	596	30	0.00	90.0	46.4	75	67.9
I	Jun 2008	691	11.6	448.62	592	-4	0.00	90.0	47.3	75	68.4
S	Jul 2008	728	11.8	447.86	577	-14	0.00	90.0	48.9	75	67.3
T	Aug 2008	635	10.3	448.54	590	13	0.00	105.6	41.9	88	66.0
O	Sep 2008	519	8.7	448.19	584	-7	0.00	91.2	38.6	76	74.3
	WY 2008	6692							453.4		
R	Oct 2008	452	7.4	446.55	553	-31	0.00	90.0	31.2	75	68.9
I	Nov 2008	379	6.4	447.54	571	18	0.00	90.0	26.2	75	69.1
C	Dec 2008	236	3.8	446.81	558	-14	0.00	85.2	15.3	71	64.7
A	Jan 2009	379	6.2	446.67	555	-3	0.00	78.0	25.9	65	68.2
L	Feb 2009	397	7.2	446.08	544	-11	0.00	90.0	27.2	75	68.5
*	Mar 2009	736	12.0	446.75	556	12	0.00	92.4	49.2	77	66.8
	Apr 2009	813	13.7	448.71	594	37	75.69	106.8	54.2	89	66.7
	May 2009	708	11.5	448.71	594	0	76.06	120.0	47.1	100	66.5
	Jun 2009	667	11.2	448.71	594	0	76.06	120.0	44.4	100	66.4
	Jul 2009	728	11.8	448.00	580	-14	75.72	120.0	48.3	100	66.3
	Aug 2009	622	10.1	447.50	571	-10	75.13	120.0	40.8	100	65.5
	Sep 2009	545	9.2	446.81	557	-13	75.95	90.0	36.1	75	66.2
	WY 2009	6665							445.7		
	Oct 2009	454	7.4	446.31	548	-9	75.37	90.0	29.6	75	65.2
	Nov 2009	364	6.1	446.50	552	3	76.73	64.8	24.0	54	66.0
	Dec 2009	297	4.8	446.50	552	0	75.32	90.0	18.8	75	63.5
	Jan 2010	345	5.6	446.50	552	0	76.35	72.0	22.5	60	65.2
	Feb 2010	452	8.1	446.50	552	0	75.38	88.8	29.6	74	65.5
	Mar 2010	727	11.8	446.70	555	4	74.01	120.0	47.3	100	65.0
	Apr 2010	821	13.8	448.71	594	38	75.09	120.0	54.2	100	66.1
	May 2010	705	11.5	448.71	594	0	76.06	120.0	46.9	100	66.5
	Jun 2010	672	11.3	448.71	594	0	76.06	120.0	44.6	100	66.5
	Jul 2010	728	11.8	448.00	580	-14	75.72	120.0	48.3	100	66.3
	Aug 2010	622	10.1	447.50	571	-10	75.13	120.0	40.8	100	65.5
	Sep 2010	545	9.2	446.81	557	-13	74.55	120.0	35.4	100	64.9
	WY 2010	6733							442.1		
	Oct 2010	454	7.4	446.31	548	-9	73.97	120.0	29.0	100	63.9
	Nov 2010	365	6.1	446.50	552	3	74.98	94.8	23.5	79	64.3
	Dec 2010	300	4.9	446.50	552	0	73.92	120.0	18.8	100	62.5
	Jan 2011	344	5.6	446.50	552	0	74.71	102.0	21.9	85	63.7
	Feb 2011	446	8.0	446.50	552	0	74.60	104.4	28.9	87	64.7
	Mar 2011	727	11.8	446.70	555	4	74.01	120.0	47.3	100	65.0

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Upper Basin Power

		Glen Canyon 1000 MWHR	Flam Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Res 1000 MWHR	Font Res 1000 MWHR
*	Apr 2008	280	20	38	55	23	2
H	May 2008	333	39	52	92	23	4
I	Jun 2008	348	68	40	63	22	7
S	Jul 2008	390	36	31	39	23	9
T	Aug 2008	400	36	36	42	22	8
O	Sep 2008	323	34	34	41	21	5
	Summer 2008	2075	233	232	331	134	35
R	Oct 2008	334	27	25	30	17	5
I	Nov 2008	267	25	9	12	6	4
C	Dec 2008	355	30	10	14	7	2
A	Jan 2009	352	31	11	15	6	4
L	Feb 2009	262	24	12	15	4	3
*	Mar 2009	271	20	14	15	10	3
	Winter 2009	1840	156	81	101	50	21
	Apr 2009	243	17	29	38	21	4
	May 2009	246	34	34	51	23	8
	Jun 2009	263	66	23	34	22	9
	Jul 2009	348	29	36	43	22	10
	Aug 2009	347	29	38	45	22	9
	Sep 2009	253	28	34	41	21	6
	Summer 2009	1700	203	193	252	132	44
	Oct 2009	261	29	24	30	15	6
	Nov 2009	254	28	15	19	10	6
	Dec 2009	338	29	18	23	12	6
	Jan 2010	378	29	21	27	14	5
	Feb 2010	334	26	18	24	12	4
	Mar 2010	332	29	18	24	13	5
	Winter 2010	1898	170	114	146	76	32
	Apr 2010	393	28	18	27	15	5
	May 2010	416	51	20	34	22	7
	Jun 2010	498	65	21	32	22	9
	Jul 2010	501	41	33	41	22	10
	Aug 2010	478	41	38	45	23	10
	Sep 2010	252	40	35	42	21	6
	Summer 2010	2538	267	165	221	126	46
	Oct 2010	260	41	24	29	15	6
	Nov 2010	254	40	14	18	10	6
	Dec 2010	337	41	21	27	14	6
	Jan 2011	336	41	21	27	14	5
	Feb 2011	292	37	18	24	12	5
	Mar 2011	292	41	18	24	13	5
	Winter 2011	1770	242	116	149	77	33

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model_run_id = 2020

F L O O D C O N T R O L C R I T E R I A
B E G I N N I N G O F M O N T H C O N D I T I O N S

MON	YEAR	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	LAKE POWELL KAF	UPPER BASIN TOTAL KAF	LAKE MEAD KAF	TOTAL KAF	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	TOT OR MAX ALLOW KAF	LAKE POWELL KAF	LAKE MEAD KAF	TOTAL KAF	BOM SPACE REQD KAF	MEAD SCHED REL KAF	MEAD FC REL KAF	SYS CONT MAF
		* * * * P R E D I C T E D S P A C E * * * *							* * * * E F F E C T I V E S P A C E * * * *								
APR	2009	997	287	409	11546	13239	15216	28455	407	287	291	986	11546	15216	27748	1500	1191	0	32.0
MAY	2009	941	310	341	11407	12998	15764	28762	345	310	206	861	11407	15764	28031	1500	1018	0	33.3
JUN	2009	840	210	259	10084	11393	16168	27561	234	202	94	531	10084	16168	26783	1500	882	0	34.9
JUL	2009	705	27	257	8456	9446	16470	25916	85	-4	48	129	8456	16470	25055	1500	909	0	35.0
												* * * * C R E D I T A B L E S P A C E * * * *							
AUG	2009	637	27	257	8304	9225	16599	25823	637	27	257	921	8304	16599	25823	1500	794	0	34.6
SEP	2009	651	83	266	8561	9560	16580	26140	651	83	266	1000	8561	16580	26140	2270	593	0	34.3
OCT	2009	687	152	264	8654	9757	16590	26347	687	152	264	1103	8654	16590	26347	3040	490	0	34.1
NOV	2009	715	196	260	8732	9903	16483	26386	715	196	260	1171	8732	16483	26386	3810	542	0	34.1
DEC	2009	745	214	259	8797	10015	16428	26443	745	214	259	1218	8797	16428	26443	4580	561	0	34.0
JAN	2010	790	248	269	9100	10408	16200	26608	790	248	269	1308	9100	16200	26608	5350	678	0	33.9
												* * * * E F F E C T I V E S P A C E * * * *							
JAN	2010	790	248	269	9100	10408	16200	26608	475	248	200	923	9100	16200	26224	5350	678	0	33.9
FEB	2010	832	295	281	9508	10916	15916	26833	514	295	211	1021	9508	15916	26445	1500	667	0	33.7
MAR	2010	861	334	281	9843	11319	15710	27029	541	334	210	1085	9843	15710	26638	1500	1013	0	33.4
APR	2010	843	361	236	10068	11508	15875	27383	517	361	160	1038	10068	15875	26981	1500	1136	0	33.2
MAY	2010	786	353	141	10261	11541	16039	27579	453	353	45	851	10261	16039	27151	1500	1009	0	34.2
JUN	2010	673	220	157	9485	10535	16056	26592	330	217	30	576	9485	16056	26118	1500	902	0	35.8
JUL	2010	467	42	224	8378	9110	15856	24965	107	15	48	169	8378	15856	24403	1500	902	0	36.1
												* * * * C R E D I T A B L E S P A C E * * * *							
AUG	2010	378	27	226	8374	9005	15640	24645	378	27	226	631	8374	15640	24645	1500	811	0	35.9
SEP	2010	409	77	236	8845	9567	15345	24913	409	77	236	722	8845	15345	24913	2270	679	0	35.5
OCT	2010	471	147	234	8888	9740	15437	25177	471	147	234	852	8888	15437	25177	3040	453	0	35.3
NOV	2010	532	186	230	8938	9887	15295	25182	532	186	230	948	8938	15295	25182	3810	515	0	35.3
DEC	2010	593	203	231	8975	10001	15215	25215	593	203	231	1026	8975	15215	25215	4580	531	0	35.3
JAN	2011	670	248	240	9235	10393	14958	25351	670	248	240	1158	9235	14958	25351	5350	677	0	35.2
												* * * * E F F E C T I V E S P A C E * * * *							
JAN	2011	670	248	240	9235	10393	14958	25351	328	248	217	793	9235	14958	24987	5350	677	0	35.2
FEB	2011	743	295	250	9520	10809	14769	25578	400	295	227	922	9520	14769	25212	1500	661	0	35.0
MAR	2011	801	334	249	9735	11119	14652	25771	457	334	225	1015	9735	14652	25402	1500	1014	0	34.6

To: All Annual Operating Plan Recipients

From: Lower Colorado Region
Boulder Canyon Operations Office
River Operations Group
Bruce Williams
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The operation of Lake Powell and Lake Mead in this May 2009 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines), and reflects the 2009 Annual Operating Plan (AOP). Pursuant to the Interim Guidelines, the Upper Elevation Balancing Tier is the operational tier for water year 2009 for Glen Canyon Dam. The Intentionally Created Surplus (ICS) Surplus condition is the criterion governing the operation of Lake Mead for calendar year 2009.

The Interim Guidelines are available for download at http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf. The 2009 AOP is available for download at http://www.usbr.gov/uc/water/rsvrs/ops/aop/AOP09_final.pdf.

The April 24-Month Study projected the end of water year elevation at Lake Powell to be below the 2009 Equalization Elevation of 3639 feet and the projected end of water year elevation at Lake Mead to be above elevation 1075 feet. Pursuant to Sections 6.B.1. and 6.B.4. of the Interim Guidelines, the annual release volume will be 8.23 million acre-feet from Glen Canyon Dam during water year 2009 which is reflected in the May 24-Month Study.

Current runoff projections into Lake Powell are provided by the National Weather Service's Colorado Basin River Forecast Center and are as follows: Observed unregulated inflow into Lake Powell for the month of April 2009 was 0.772 maf or 78% of the 30 year average. The forecast for May 2009 unregulated inflow into Lake Powell is 2.500 maf or 108% of the 30 year average. The forecast for the April through July unregulated inflow is 7.30 maf or 92% of average.

In this study, the Calendar Year (CY) 2009 diversion for Metropolitan Water District of Southern California (MWD) is forecasted to be 0.939 maf. The CY 2009 diversion for the Central Arizona Project (CAP) is forecasted to be 1.515 maf. Consumptive use for Nevada above Hoover is forecasted to be 0.319 maf for CY 2009.

Due to declining Lake Mead elevations, Hoover's generator capacity is adjusted based on estimated effective capacity and plant availability. The estimated effective capacity is based on projected Lake Mead elevations. Unit capacity tests will be performed as the lake elevation changes in 2-foot increments. This study reflects these changes in the projections.

Hoover, Davis, and Parker historical gross energy figures come from PO&M reports provided by the Power and O&M Group, Boulder Canyon Operations Office, Bureau of Reclamation, Boulder City, Nevada. Questions regarding these historical energy numbers can be directed to Larry Karr at (702) 293-8094.

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Fontenelle Reservoir

		Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	May 2008	132	1	64	1	65	6481.73	177
H	Jun 2008	224	2	100	0	101	6499.83	298
I	Jul 2008	173	3	104	34	138	6503.99	330
S	Aug 2008	47	2	91	0	91	6497.83	283
T	Sep 2008	36	2	63	0	63	6493.80	254
	WY 2008	838	14	712	44	756		
O	Oct 2008	43	1	65	0	65	6490.51	231
R	Nov 2008	41	1	48	13	61	6487.43	211
I	Dec 2008	30	1	26	35	60	6482.26	180
C	Jan 2009	33	1	61	0	61	6476.93	151
A	Feb 2009	27	0	53	0	53	6471.15	124
L	Mar 2009	46	0	59	0	59	6467.98	111
*	Apr 2009	91	1	57	0	57	6475.63	145
	May 2009	185	1	81	0	81	6492.90	248
	Jun 2009	300	2	103	141	244	6500.28	301
	Jul 2009	175	3	101	31	131	6505.52	342
	Aug 2009	79	2	93	0	93	6503.52	326
	Sep 2009	48	2	59	10	69	6500.51	303
	WY 2009	1097	15	804	229	1033		
	Oct 2009	49	1	71	0	71	6497.36	279
	Nov 2009	41	1	69	0	69	6493.31	251
	Dec 2009	32	1	71	0	71	6487.37	211
	Jan 2010	30	1	71	0	71	6480.42	169
	Feb 2010	27	0	64	0	64	6472.90	132
	Mar 2010	51	0	71	0	71	6468.25	112
	Apr 2010	89	1	83	0	83	6469.50	117
	May 2010	176	1	98	0	98	6484.59	193
	Jun 2010	308	2	103	97	200	6500.01	299
	Jul 2010	186	3	101	41	141	6505.41	341
	Aug 2010	83	2	100	5	104	6502.37	317
	Sep 2010	49	2	68	0	68	6499.66	296
	WY 2010	1120	15	969	142	1111		
	Oct 2010	49	1	70	0	70	6496.60	274
	Nov 2010	41	1	68	0	68	6492.74	247
	Dec 2010	32	1	70	0	70	6486.92	208
	Jan 2011	30	1	70	0	70	6480.09	167
	Feb 2011	27	0	64	0	64	6472.47	130
	Mar 2011	51	0	70	0	70	6468.02	111
	Apr 2011	89	1	83	0	83	6469.21	116

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Flaming Gorge Reservoir

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Yampa Flow 1000 Ac-Ft	Jensen Flow 1000 Ac-Ft
*	May 2008	175	108	7	101	0	101	85	6021.85	3045	772	793
H	Jun 2008	284	161	10	177	0	177	84	6021.15	3020	723	917
I	Jul 2008	188	153	12	93	0	93	86	6022.43	3066	152	306
S	Aug 2008	48	92	12	92	0	92	85	6022.11	3055	29	132
T	Sep 2008	40	67	10	89	0	89	84	6021.25	3024	22	126
	WY 2008	1018	937	75	893	10	903					3017
O	Oct 2008	45	67	7	71	0	71	83	6020.97	3014	21	119
R	Nov 2008	47	66	3	65	0	65	83	6020.91	3012	0	107
I	Dec 2008	17	48	2	79	0	79	82	6020.01	2980	0	116
C	Jan 2009	39	67	2	80	0	80	82	6019.63	2967	0	752
A	Feb 2009	37	64	2	62	0	62	82	6019.63	2967	0	104
L	Mar 2009	62	75	3	52	0	52	82	6020.18	2986	0	142
*	Apr 2009	127	93	5	50	0	50	84	6021.21	3023	0	307
	May 2009	230	126	7	88	0	88	85	6022.02	3052	0	88
	Jun 2009	350	294	10	154	0	154	90	6025.44	3177	0	154
	Jul 2009	180	136	13	87	0	87	91	6026.38	3211	0	87
	Aug 2009	85	98	12	87	0	87	91	6026.36	3211	0	87
	Sep 2009	55	76	11	84	0	84	91	6025.87	3192	0	84
	WY 2009	1275	1211	77	958	0	958					2147
	Oct 2009	59	82	7	87	0	87	90	6025.55	3180	0	87
	Nov 2009	51	79	3	84	0	84	90	6025.33	3172	0	84
	Dec 2009	37	76	2	87	0	87	89	6024.99	3160	0	87
	Jan 2010	41	82	2	87	0	87	89	6024.82	3154	0	87
	Feb 2010	45	82	2	79	0	79	89	6024.86	3155	0	79
	Mar 2010	103	123	3	87	0	87	90	6025.71	3187	0	87
	Apr 2010	142	136	5	84	0	84	92	6026.93	3232	0	84
	May 2010	263	186	8	139	0	139	94	6027.92	3270	0	139
	Jun 2010	400	292	10	181	0	181	98	6030.43	3366	0	181
	Jul 2010	219	175	14	112	0	112	99	6031.64	3413	0	112
	Aug 2010	97	118	13	112	0	112	99	6031.46	3406	0	112
	Sep 2010	58	77	11	109	0	109	97	6030.41	3365	0	109
	WY 2010	1516	1508	80	1248	0	1248					1248
	Oct 2010	59	81	7	112	0	112	96	6029.44	3327	0	112
	Nov 2010	51	78	3	109	0	109	95	6028.58	3294	0	109
	Dec 2010	37	75	2	112	0	112	93	6027.58	3257	0	112
	Jan 2011	41	81	2	112	0	112	92	6026.74	3225	0	112
	Feb 2011	45	82	2	101	0	101	91	6026.19	3204	0	101
	Mar 2011	103	122	3	112	0	112	91	6026.37	3211	0	112
	Apr 2011	142	137	5	109	0	109	92	6026.96	3233	0	109

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Taylor Park Reservoir

		Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	May 2008	35	27	9310.30	70
H	Jun 2008	65	40	9324.75	96
I	Jul 2008	29	34	9322.03	91
S	Aug 2008	12	23	9315.69	79
T	Sep 2008	8	15	9311.36	72
	WY 2008	184	190		
O	Oct 2008	7	7	9311.31	72
R	Nov 2008	5	5	9311.19	72
I	Dec 2008	5	5	9311.34	72
C	Jan 2009	5	5	9311.21	72
A	Feb 2009	4	5	9310.95	71
L	Mar 2009	4	5	9310.68	71
*	Apr 2009	11	5	9314.31	77
	May 2009	30	24	9317.85	83
	Jun 2009	40	22	9327.62	101
	Jul 2009	16	24	9323.53	94
	Aug 2009	9	18	9318.43	84
	Sep 2009	6	14	9314.08	77
	WY 2009	143	138		
	Oct 2009	6	8	9312.94	75
	Nov 2009	5	6	9312.26	74
	Dec 2009	4	6	9311.29	72
	Jan 2010	4	6	9310.16	70
	Feb 2010	4	6	9308.72	68
	Mar 2010	4	6	9307.58	66
	Apr 2010	8	8	9307.80	66
	May 2010	27	18	9313.52	76
	Jun 2010	43	20	9326.14	99
	Jul 2010	20	22	9325.33	97
	Aug 2010	10	22	9318.91	85
	Sep 2010	7	15	9314.29	77
	WY 2010	143	143		
	Oct 2010	6	10	9311.94	73
	Nov 2010	5	6	9311.25	72
	Dec 2010	4	6	9310.27	70
	Jan 2011	4	6	9309.12	69
	Feb 2011	4	6	9307.65	66
	Mar 2011	4	6	9306.50	64
	Apr 2011	8	8	9306.71	65

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Blue Mesa Reservoir

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir elevation EOM Feet	Live Storage 1000 Ac-Ft
*	May 2008	318	312	1	199	50	250	7475.27	472
H	Jun 2008	409	383	1	143	20	163	7503.56	691
I	Jul 2008	172	176	1	103	0	103	7511.87	762
S	Aug 2008	70	82	1	119	0	119	7507.44	724
T	Sep 2008	35	42	1	115	0	115	7498.61	650
	WY 2008	1324	1329	8	1287	70	1357		
O	Oct 2008	33	33	1	85	0	85	7492.14	598
R	Nov 2008	27	28	0	33	0	33	7491.42	592
I	Dec 2008	28	27	0	36	0	36	7490.25	583
C	Jan 2009	26	27	0	39	0	39	7488.62	571
A	Feb 2009	24	24	0	42	0	42	7486.19	552
L	Mar 2009	40	40	0	49	0	49	7484.97	543
*	Apr 2009	104	99	1	61	0	61	7489.84	580
	May 2009	235	229	1	148	0	148	7499.84	660
	Jun 2009	255	237	1	80	0	80	7517.82	815
	Jul 2009	95	103	2	114	0	114	7516.40	802
	Aug 2009	53	62	1	121	0	121	7509.62	743
	Sep 2009	34	41	1	111	0	111	7501.27	672
	WY 2009	953	950	9	919	0	919		
	Oct 2009	35	37	1	76	0	76	7496.42	632
	Nov 2009	31	32	0	46	0	46	7494.61	618
	Dec 2009	25	27	0	63	0	63	7490.00	581
	Jan 2010	24	26	0	73	0	73	7483.79	534
	Feb 2010	22	24	0	62	0	62	7478.55	495
	Mar 2010	34	36	0	63	0	63	7474.74	468
	Apr 2010	73	73	1	64	0	64	7475.91	477
	May 2010	212	203	1	69	0	69	7493.59	610
	Jun 2010	271	248	1	69	0	69	7514.77	788
	Jul 2010	121	122	2	106	0	106	7516.40	802
	Aug 2010	62	74	1	122	0	122	7510.78	753
	Sep 2010	36	44	1	113	0	113	7502.60	683
	WY 2010	946	945	9	926	0	926		
	Oct 2010	35	39	1	78	0	78	7497.80	643
	Nov 2010	31	32	0	48	0	48	7495.75	627
	Dec 2010	25	27	0	72	0	72	7490.00	581
	Jan 2011	24	26	0	73	0	73	7483.79	534
	Feb 2011	22	24	0	62	0	62	7478.55	495
	Mar 2011	34	36	0	63	0	63	7474.74	468
	Apr 2011	73	73	1	64	0	64	7475.92	477

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Morrow Point Reservoir

		Unreg Inflow 1000 Ac-Ft	Blue_Mesa Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Evap losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	May 2008	343	250	25	275	0	255	24	278	7144.87	105
H	Jun 2008	432	163	23	186	0	177	4	180	7152.31	111
I	Jul 2008	178	103	6	109	0	108	0	108	7152.94	111
S	Aug 2008	71	119	0	120	0	117	0	117	7156.16	114
T	Sep 2008	35	115	0	115	0	115	0	115	7155.78	114
	WY 2008	1358	1357	34	1392	1	1365	27	1392		
O	Oct 2008	33	85	0	85	0	86	0	86	7153.95	112
R	Nov 2008	29	33	2	35	0	35	0	35	7153.60	112
I	Dec 2008	29	36	2	38	0	39	0	39	7152.11	111
C	Jan 2009	28	39	1	40	0	43	0	43	7148.12	108
A	Feb 2009	24	42	1	43	0	45	0	45	7145.98	106
L	Mar 2009	42	49	2	51	0	43	6	49	7147.72	107
*	Apr 2009	119	61	14	75	0	69	0	69	7155.78	114
	May 2009	263	148	28	176	0	177	0	177	7153.73	112
	Jun 2009	275	80	20	100	0	100	0	100	7153.73	112
	Jul 2009	100	114	5	119	0	119	0	119	7153.73	112
	Aug 2009	56	121	3	124	0	124	0	124	7153.73	112
	Sep 2009	36	111	2	113	0	113	0	113	7153.73	112
	WY 2009	1034	919	80	999	0	994	6	1000		
	Oct 2009	38	76	3	79	0	79	0	79	7153.73	112
	Nov 2009	33	46	2	48	0	48	0	48	7153.73	112
	Dec 2009	27	63	2	65	0	65	0	65	7153.73	112
	Jan 2010	26	73	2	75	0	75	0	75	7153.73	112
	Feb 2010	25	62	3	65	0	65	0	65	7153.73	112
	Mar 2010	38	63	4	67	0	67	0	67	7153.73	112
	Apr 2010	84	64	11	75	0	75	0	75	7153.73	112
	May 2010	237	69	25	94	0	94	0	94	7153.73	112
	Jun 2010	292	69	21	90	0	90	0	90	7153.73	112
	Jul 2010	127	106	7	113	0	113	0	113	7153.73	112
	Aug 2010	65	122	4	126	0	126	0	126	7153.73	112
	Sep 2010	39	113	3	116	0	116	0	116	7153.73	112
	WY 2010	1032	926	86	1012	0	1012	0	1012		
	Oct 2010	38	78	3	81	0	81	0	81	7153.73	112
	Nov 2010	33	48	2	50	0	50	0	50	7153.73	112
	Dec 2010	27	72	2	74	0	74	0	74	7153.73	112
	Jan 2011	26	73	2	75	0	75	0	75	7153.73	112
	Feb 2011	25	62	3	65	0	65	0	65	7153.73	112
	Mar 2011	38	63	4	67	0	67	0	67	7153.73	112
	Apr 2011	84	64	11	75	0	75	0	75	7153.73	112

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Crystal Reservoir

		unreg Inflow 1000 Ac-Ft	Morrow Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Tunnel Flow 1000 Ac-Ft	Below_tunnel Flow 1000 Ac-Ft
*	May 2008	388	278	45	323	130	191	321	6760.22	19	54	279
H	Jun 2008	484	180	52	232	118	116	234	6753.95	17	47	201
I	Jul 2008	191	108	13	121	123	0	123	6747.80	15	62	73
S	Aug 2008	75	117	5	122	123	0	123	6742.41	14	66	66
T	Sep 2008	38	115	3	118	118	0	118	6741.71	14	61	63
	WY 2008	1520	1392	162	1554	1164	392	1555			356	1283
O	Oct 2008	36	86	3	89	89	0	89	6744.34	15	55	45
R	Nov 2008	33	35	4	38	39	0	39	6742.20	14	1	40
I	Dec 2008	32	39	3	42	42	0	42	6742.53	14	1	43
C	Jan 2009	31	43	4	47	38	9	47	6741.02	14	1	49
A	Feb 2009	28	45	3	48	24	20	45	6752.05	17	1	46
L	Mar 2009	47	49	5	55	55	0	55	6751.30	16	9	47
*	Apr 2009	130	69	12	81	80	0	80	6752.70	17	35	48
	May 2009	295	177	32	210	134	75	209	6753.04	17	55	154
	Jun 2009	305	100	30	130	130	0	130	6753.04	17	60	70
	Jul 2009	115	119	15	134	134	0	134	6753.04	17	65	69
	Aug 2009	64	124	8	132	132	0	132	6753.04	17	65	67
	Sep 2009	42	113	6	120	120	0	120	6753.04	17	55	65
	WY 2009	1158	1000	125	1125	1017	105	1122			401	743
	Oct 2009	44	79	7	85	85	0	85	6753.04	17	30	55
	Nov 2009	38	48	5	53	53	0	53	6753.04	17	0	53
	Dec 2009	32	65	5	70	70	0	70	6753.04	17	0	70
	Jan 2010	31	75	5	80	80	0	80	6753.04	17	0	80
	Feb 2010	29	65	4	69	69	0	69	6753.04	17	0	69
	Mar 2010	46	67	7	74	74	0	74	6753.04	17	5	69
	Apr 2010	96	75	12	87	87	0	87	6753.04	17	30	57
	May 2010	272	94	35	129	129	0	129	6753.04	17	55	74
	Jun 2010	330	90	38	128	128	0	128	6753.04	17	60	68
	Jul 2010	144	113	17	130	130	0	130	6753.04	17	65	65
	Aug 2010	74	126	8	134	134	0	134	6753.04	17	65	69
	Sep 2010	45	116	6	122	122	0	122	6753.04	17	55	67
	WY 2010	1183	1012	151	1163	1163	0	1163			365	798
	Oct 2010	44	81	7	87	87	0	87	6753.04	17	30	57
	Nov 2010	38	50	5	55	55	0	55	6753.04	17	0	55
	Dec 2010	32	74	5	79	79	0	79	6753.04	17	0	79
	Jan 2011	31	75	5	80	80	0	80	6753.04	17	0	80
	Feb 2011	29	65	4	69	69	0	69	6753.04	17	0	69
	Mar 2011	46	67	7	74	74	0	74	6753.04	17	5	69
	Apr 2011	96	75	12	87	87	0	87	6753.04	17	30	57

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Vallecito Reservoir

		Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	May 2008	79	39	7647.76	82
H	Jun 2008	84	43	7663.79	122
I	Jul 2008	32	39	7660.68	114
S	Aug 2008	15	38	7651.24	90
T	Sep 2008	11	31	7642.57	70
	WY 2008	309	319		
O	Oct 2008	9	14	7640.18	65
R	Nov 2008	5	2	7641.75	68
I	Dec 2008	5	2	7643.06	71
C	Jan 2009	5	2	7644.39	74
A	Feb 2009	5	2	7645.61	77
L	Mar 2009	8	4	7647.33	81
*	Apr 2009	22	10	7652.11	92
	May 2009	64	37	7662.47	119
	Jun 2009	62	57	7664.12	123
	Jul 2009	20	43	7655.07	99
	Aug 2009	15	42	7643.40	72
	Sep 2009	15	32	7635.25	55
	WY 2009	236	248		
	Oct 2009	13	20	7631.13	47
	Nov 2009	8	8	7631.20	47
	Dec 2009	6	3	7632.73	50
	Jan 2010	5	3	7633.79	52
	Feb 2010	5	3	7634.68	53
	Mar 2010	8	3	7637.10	58
	Apr 2010	22	12	7641.72	68
	May 2010	69	38	7655.09	99
	Jun 2010	78	54	7664.11	123
	Jul 2010	31	43	7659.30	110
	Aug 2010	19	42	7650.01	87
	Sep 2010	17	32	7643.48	72
	WY 2010	281	261		
	Oct 2010	13	19	7640.60	66
	Nov 2010	8	7	7641.12	67
	Dec 2010	6	5	7641.53	68
	Jan 2011	5	5	7641.76	68
	Feb 2011	5	4	7641.90	68
	Mar 2011	8	5	7643.39	72
	Apr 2011	22	13	7647.22	80

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Navajo Reservoir

		Mod_Unreg Inflow 1000 Ac-Ft	Azetea Tunnel_Div 1000 Ac-Ft	Reg Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	NIIP Diversion 1000 ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Farm Flow 1000 Ac-Ft
*	May 2008	337	45	254	4	31	159	6065.54	1420	303
H	Jun 2008	310	49	217	4	39	224	6061.77	1370	411
I	Jul 2008	82	14	74	4	40	32	6061.63	1369	103
S	Aug 2008	31	3	52	4	36	40	6059.46	1341	58
T	Sep 2008	31	2	48	3	22	45	6057.74	1319	57
	WY 2008	1355	146	1219	28	206	1185			1887
O	Oct 2008	28	0	34	2	11	32	6056.83	1308	45
R	Nov 2008	21	0	17	1	0	30	6055.68	1294	47
I	Dec 2008	19	0	16	1	0	31	6054.38	1278	48
C	Jan 2009	22	0	19	1	1	31	6053.29	1265	54
A	Feb 2009	27	1	24	1	0	28	6052.85	1259	49
L	Mar 2009	76	6	65	2	5	31	6055.13	1287	0
*	Apr 2009	125	19	97	2	19	30	6058.76	1332	67
	May 2009	280	34	219	4	26	90	6066.44	1432	90
	Jun 2009	225	27	193	4	40	140	6067.09	1441	140
	Jul 2009	60	2	81	5	42	31	6067.37	1445	31
	Aug 2009	38	3	63	4	35	31	6066.85	1437	31
	Sep 2009	40	1	55	3	20	30	6067.05	1440	30
	WY 2009	961	94	882	28	199	535			631
	Oct 2009	38	2	44	2	7	31	6067.36	1444	31
	Nov 2009	33	0	32	1	0	30	6067.48	1446	30
	Dec 2009	24	0	21	1	0	31	6066.71	1436	31
	Jan 2010	22	0	20	1	0	31	6065.84	1424	31
	Feb 2010	30	0	28	1	0	28	6065.81	1423	28
	Mar 2010	88	2	82	2	4	61	6066.87	1438	61
	Apr 2010	174	16	148	3	16	60	6071.91	1507	60
	May 2010	279	33	214	4	28	200	6070.57	1488	200
	Jun 2010	246	29	193	4	43	212	6065.66	1422	212
	Jul 2010	74	7	79	5	46	31	6065.50	1419	31
	Aug 2010	43	3	63	4	39	31	6064.77	1410	31
	Sep 2010	42	1	56	3	22	30	6064.88	1411	30
	WY 2010	1094	93	980	29	205	775			775
	Oct 2010	38	0	44	2	7	31	6065.20	1415	31
	Nov 2010	33	0	32	1	1	30	6065.18	1415	30
	Dec 2010	24	0	23	1	1	31	6064.46	1406	31
	Jan 2011	22	0	21	1	0	31	6063.69	1395	31
	Feb 2011	30	0	30	1	0	28	6063.77	1396	28
	Mar 2011	88	2	83	2	4	31	6067.26	1443	31
	Apr 2011	174	16	149	3	16	34	6074.16	1539	34

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Lake Powell

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	PowerPlant Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Bank Storage 1000 Ac-Ft	EOM Storage 1000 Ac-Ft	Lees Ferry 1000 Ac-Ft
*	May 2008	2623	2365	27	790	0	790	3610.81	16689	12812	807
H	Jun 2008	3566	3330	49	791	0	791	3631.05	17020	14971	810
I	Jul 2008	1709	1430	63	865	0	865	3633.00	17301	15192	887
S	Aug 2008	489	596	62	890	0	890	3629.55	17334	14803	914
T	Sep 2008	390	555	56	723	0	723	3626.90	17404	14509	738
	WY 2008	12325	12398	396	8885	93	8978				9164
O	Oct 2008	382	498	38	749	0	749	3623.82	17451	14172	762
R	Nov 2008	418	455	36	603	0	603	3621.90	17473	13966	612
I	Dec 2008	311	385	28	801	0	801	3617.89	17454	13541	818
C	Jan 2009	329	394	9	802	0	802	3614.17	17423	13155	822
A	Feb 2009	330	383	9	602	0	602	3612.05	17412	12938	612
L	Mar 2009	467	442	16	626	0	626	3610.43	17377	12774	632
*	Apr 2009	782	663	25	604	0	604	3611.26	17327	12858	612
	May 2009	2500	2142	38	600	0	600	3624.54	17439	14250	600
	Jun 2009	2800	2411	46	625	0	625	3638.79	17567	15861	625
	Jul 2009	1230	1171	55	815	0	815	3641.15	17590	16139	815
	Aug 2009	534	635	57	809	0	809	3639.34	17573	15926	809
	Sep 2009	446	564	49	595	0	595	3638.71	17567	15852	595
	WY 2009	10529	10141	406	8230	0	8230				8313
	Oct 2009	506	577	44	615	0	615	3638.06	17561	15776	615
	Nov 2009	523	569	36	600	0	600	3637.53	17556	15713	600
	Dec 2009	418	512	30	800	0	800	3634.99	17532	15419	800
	Jan 2010	384	489	23	900	0	900	3631.46	17500	15017	900
	Feb 2010	395	466	21	825	0	825	3628.32	17472	14665	825
	Mar 2010	628	619	26	825	0	825	3626.38	17455	14451	825
	Apr 2010	952	803	29	950	0	950	3624.89	17442	14288	950
	May 2010	2161	1876	40	1002	0	1002	3631.85	17503	15061	1002
	Jun 2010	2808	2426	48	1178	0	1178	3641.42	17592	16172	1178
	Jul 2010	1345	1233	55	1175	0	1175	3641.45	17592	16174	1175
	Aug 2010	566	671	56	1125	0	1125	3637.44	17555	15702	1125
	Sep 2010	459	597	48	595	0	595	3637.06	17551	15659	595
	WY 2010	11147	10838	456	10590	0	10590				10590
	Oct 2010	506	602	44	615	0	615	3636.62	17547	15607	615
	Nov 2010	523	596	36	600	0	600	3636.30	17544	15570	600
	Dec 2010	418	548	30	800	0	800	3634.03	17523	15309	800
	Jan 2011	384	514	23	800	0	800	3631.51	17500	15023	800
	Feb 2011	395	489	21	700	0	700	3629.60	17483	14808	700
	Mar 2011	628	614	26	700	0	700	3628.66	17475	14704	700
	Apr 2011	952	802	29	800	0	800	3628.43	17473	14678	800

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Hoover Dam - Lake Mead

		Glen Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release CFS	SNWP Use 1000 Ac-Ft	Dwnstrm Reqmnts 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
*	May 2008	790	49	49	1113	18.1	30	1110	789	1107.05	12132
H	Jun 2008	791	44	59	949	15.9	30	949	776	1104.98	11941
I	Jul 2008	865	63	73	876	14.2	33	874	773	1104.42	11890
S	Aug 2008	890	95	78	804	13.1	34	789	777	1105.13	11955
T	Sep 2008	723	77	64	652	11.0	22	642	781	1105.76	12013
	WY 2008	8978	912	606	9531		278	9468			
O	Oct 2008	749	47	47	508	8.3	26	498	794	1107.94	12213
R	Nov 2008	603	74	47	675	11.3	15	659	790	1107.33	12157
I	Dec 2008	801	62	41	453	7.4	8	432	812	1110.97	12496
C	Jan 2009	802	63	34	741	12.1	9	739	817	1111.78	12572
A	Feb 2009	602	82	31	679	12.2	9	669	815	1111.43	12539
L	Mar 2009	626	62	34	1037	16.9	17	1035	791	1107.40	12164
*	Apr 2009	604	37	42	1174	19.7	21	1168	754	1101.26	11604
	May 2009	600	70	47	1006	16.4	36	1006	729	1096.85	11210
	Jun 2009	625	24	56	909	15.3	33	909	707	1093.10	10883
	Jul 2009	815	61	69	886	14.4	35	886	700	1091.87	10775
	Aug 2009	809	110	73	793	12.9	36	793	701	1092.04	10790
	Sep 2009	595	78	60	593	10.0	31	593	701	1091.91	10780
	WY 2009	8230	770	583	9455		276	9387			
	Oct 2009	615	73	44	490	8.0	40	490	708	1093.14	10886
	Nov 2009	600	73	44	561	9.4	29	561	710	1093.56	10922
	Dec 2009	800	65	38	581	9.5	23	581	723	1095.94	11130
	Jan 2010	900	131	32	677	11.0	19	677	742	1099.15	11415
	Feb 2010	825	134	30	667	12.0	18	667	757	1101.71	11645
	Mar 2010	825	96	33	1013	16.5	25	1013	748	1100.14	11503
	Apr 2010	950	75	41	1136	19.1	23	1136	737	1098.30	11339
	May 2010	1002	70	47	1009	16.4	32	1009	736	1098.12	11323
	Jun 2010	1178	24	57	902	15.2	30	902	749	1100.37	11524
	Jul 2010	1175	61	72	902	14.7	32	902	763	1102.77	11740
	Aug 2010	1125	110	78	811	13.2	33	811	782	1106.00	12035
	Sep 2010	595	78	64	679	11.4	28	679	776	1105.00	11943
	WY 2010	10590	990	581	9429		331	9429			
	Oct 2010	615	73	47	454	7.4	36	454	786	1106.54	12085
	Nov 2010	600	73	47	515	8.7	25	515	791	1107.41	12165
	Dec 2010	800	65	41	531	8.6	20	531	807	1110.17	12421
	Jan 2011	800	131	34	677	11.0	19	677	820	1112.18	12611
	Feb 2011	700	134	31	660	11.9	18	660	827	1113.42	12728
	Mar 2011	700	96	35	1014	16.5	25	1014	810	1110.65	12467
	Apr 2011	800	75	43	1134	19.1	23	1134	791	1107.37	12162

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Davis Dam - Lake Mohave

		Hoover Release 1000 Ac-Ft	Side inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Spill Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release CFS	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
*	May 2008	1113	-45	993	0	993	16.2	643.95	1725
H	Jun 2008	949	-34	932	0	932	15.7	643.36	1709
I	Jul 2008	876	-23	896	0	896	14.6	641.79	1666
S	Aug 2008	804	-26	798	0	798	13.0	641.06	1646
T	Sep 2008	652	-15	698	0	698	11.7	638.80	1585
	WY 2008	9531	-285	9205	0	9205			
O	Oct 2008	508	-18	632	0	632	10.3	633.37	1444
R	Nov 2008	675	-23	603	0	603	10.1	635.28	1493
I	Dec 2008	453	-23	339	0	339	5.5	638.77	1585
C	Jan 2009	741	-25	655	0	655	10.6	641.08	1647
A	Feb 2009	679	-18	629	0	629	11.3	642.29	1679
L	Mar 2009	1037	-27	1035	0	1035	16.8	641.38	1655
*	Apr 2009	1174	-30	1097	0	1097	18.4	643.11	1702
	May 2009	1006	-35	974	0	974	15.8	643.00	1699
	Jun 2009	909	-27	882	0	882	14.8	643.00	1699
	Jul 2009	886	-23	903	0	903	14.7	641.50	1658
	Aug 2009	793	-25	768	0	768	12.5	641.50	1658
	Sep 2009	593	-17	669	0	669	11.3	638.00	1564
	WY 2009	9455	-291	9184	0	9184			
	Oct 2009	490	-4	616	0	616	10.0	633.00	1434
	Nov 2009	561	-18	518	0	518	8.7	634.00	1460
	Dec 2009	581	-20	438	0	438	7.1	638.71	1583
	Jan 2010	677	-22	572	0	572	9.3	641.80	1666
	Feb 2010	667	-15	652	0	652	11.7	641.80	1666
	Mar 2010	1013	-26	953	0	953	15.5	643.05	1700
	Apr 2010	1136	-28	1109	0	1109	18.6	643.00	1699
	May 2010	1009	-35	974	0	974	15.8	643.00	1699
	Jun 2010	902	-27	902	0	902	15.2	642.00	1671
	Jul 2010	902	-23	892	0	892	14.5	641.50	1658
	Aug 2010	811	-25	786	0	786	12.8	641.50	1658
	Sep 2010	679	-17	756	0	756	12.7	638.00	1564
	WY 2010	9429	-260	9168	0	9168			
	Oct 2010	454	-4	579	0	579	9.4	633.00	1434
	Nov 2010	515	-18	471	0	471	7.9	634.00	1460
	Dec 2010	531	-20	389	0	389	6.3	638.71	1583
	Jan 2011	677	-22	571	0	571	9.3	641.80	1666
	Feb 2011	660	-15	646	0	646	11.6	641.80	1666
	Mar 2011	1014	-26	953	0	953	15.5	643.05	1700
	Apr 2011	1134	-28	1108	0	1108	18.6	643.00	1699

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Parker Dam - Lake Havasu

		Davis Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	MWD Diversion 1000 Ac-Ft	CAP diversion 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft	Flow_to Mexico 1000 Ac-Ft	Flow_to Mexico 1000 CFS
*	May 2008	993	-11	684	11.1	97	172	448.84	596	113	1.8
H	Jun 2008	932	-25	691	11.6	94	126	448.62	592	115	1.9
I	Jul 2008	896	-18	728	11.8	87	78	447.86	577	122	2.0
S	Aug 2008	798	-2	635	10.3	82	65	448.54	590	109	1.8
T	Sep 2008	698	-10	519	8.7	82	94	448.19	584	99	1.7
	WY 2008	9205	-80	6692		803	1622			1560	
O	Oct 2008	632	3	452	7.4	77	136	446.55	553	84	1.4
R	Nov 2008	603	16	379	6.4	53	168	447.54	571	118	2.0
I	Dec 2008	339	15	236	3.8	67	65	446.81	558	139	2.3
C	Jan 2009	655	-7	379	6.2	99	171	446.67	555	121	2.0
A	Feb 2009	629	2	397	7.2	82	162	446.08	544	162	2.9
L	Mar 2009	1035	-7	736	12.0	99	180	446.75	557	209	3.4
*	Apr 2009	1097	-5	784	13.2	98	172	448.75	595	206	3.5
	May 2009	974	-16	688	11.2	99	171	448.71	594	113	1.8
	Jun 2009	882	-26	668	11.2	96	96	448.50	589	112	1.9
	Jul 2009	903	-18	728	11.8	99	68	448.00	580	119	1.9
	Aug 2009	768	-11	622	10.1	95	50	447.50	571	93	1.5
	Sep 2009	669	-12	545	9.2	27	98	446.81	557	89	1.5
	WY 2009	9184	-65	6615		992	1539			1565	
	Oct 2009	616	6	454	7.4	22	154	446.31	548	74	1.2
	Nov 2009	518	13	364	6.1	61	102	446.50	552	103	1.7
	Dec 2009	438	11	296	4.8	62	91	446.50	552	116	1.9
	Jan 2010	572	25	345	5.6	83	168	446.50	552	119	1.9
	Feb 2010	652	28	452	8.1	76	152	446.50	552	154	2.8
	Mar 2010	953	30	727	11.8	84	168	446.70	555	204	3.3
	Apr 2010	1109	-6	821	13.8	81	163	448.71	594	199	3.3
	May 2010	974	-16	705	11.5	84	169	448.71	594	111	1.8
	Jun 2010	902	-26	672	11.3	81	123	448.71	594	116	1.9
	Jul 2010	892	-18	728	11.8	83	77	448.00	580	119	1.9
	Aug 2010	786	-11	622	10.1	83	79	447.50	571	93	1.5
	Sep 2010	756	-12	545	9.2	61	151	446.81	557	89	1.5
	WY 2010	9168	24	6733		863	1597			1497	
	Oct 2010	579	6	454	7.4	24	116	446.31	548	74	1.2
	Nov 2010	471	13	365	6.1	24	92	446.50	552	103	1.7
	Dec 2010	389	11	300	4.9	24	75	446.50	552	118	1.9
	Jan 2011	571	25	344	5.6	84	168	446.50	552	119	1.9
	Feb 2011	646	28	446	8.0	75	152	446.50	552	149	2.7
	Mar 2011	953	30	727	11.8	84	169	446.70	555	206	3.4
	Apr 2011	1108	-6	818	13.8	81	164	448.71	594	200	3.4

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Hoover Dam - Lake Mead

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Hoover Static Head Feet	Hoover Generator Capacity MW	Hoover Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	May 2008	1113	18.1	1107.05	12132	-331	0.00	1482.0	445.7	87	400.5
H	Jun 2008	949	15.9	1104.98	11941	-190	0.00	1694.0	371.6	100	391.7
I	Jul 2008	876	14.2	1104.42	11890	-51	0.00	1672.0	344.2	100	392.8
S	Aug 2008	804	13.1	1105.13	11955	65	0.00	1678.0	316.2	100	393.1
T	Sep 2008	652	11.0	1105.76	12013	58	0.00	1677.0	252.9	100	387.9
	WY 2008	9530							3790.6		
O	Oct 2008	508	8.3	1107.94	12213	201	0.00	1038.0	188.5	61	370.8
R	Nov 2008	675	11.3	1107.33	12157	-56	0.00	926.0	263.1	55	389.9
I	Dec 2008	453	7.4	1110.97	12496	339	0.00	1523.0	171.3	88	377.7
C	Jan 2009	741	12.1	1111.78	12572	76	0.00	1305.0	299.0	75	403.3
A	Feb 2009	679	12.2	1111.43	12539	-33	0.00	1415.0	263.8	81	388.5
L	Mar 2009	1037	16.9	1107.40	12164	-376	0.00	950.0	415.9	55	401.2
*	Apr 2009	1174	19.7	1101.26	11604	-560	0.00	1284.0	474.0	76	403.7
	May 2009	1006	16.4	1096.85	11210	-394	446.97	1411.0	403.9	85	401.6
	Jun 2009	909	15.3	1093.10	10883	-328	441.37	1634.0	360.7	100	396.9
	Jul 2009	886	14.4	1091.87	10775	-107	439.39	1625.0	354.9	100	400.7
	Aug 2009	793	12.9	1092.04	10790	15	439.35	1626.0	314.0	100	395.8
	Sep 2009	593	10.0	1091.91	10780	-11	440.51	1626.0	231.2	100	390.1
	WY 2009	9455							3740.4		
	Oct 2009	490	8.0	1093.14	10886	107	446.48	1135.0	195.5	70	399.0
	Nov 2009	561	9.4	1093.56	10922	36	447.64	1333.0	221.7	81	394.9
	Dec 2009	581	9.5	1095.94	11130	208	446.86	1440.0	228.7	87	393.6
	Jan 2010	677	11.0	1099.15	11415	285	448.31	1269.0	270.1	76	398.8
	Feb 2010	667	12.0	1101.71	11645	230	449.45	1391.0	268.7	83	403.1
	Mar 2010	1013	16.5	1100.14	11503	-141	449.64	1366.0	410.9	82	405.5
	Apr 2010	1136	19.1	1098.30	11339	-164	447.55	1357.0	468.5	82	412.5
	May 2010	1009	16.4	1098.12	11323	-16	445.23	1561.0	401.6	94	398.0
	Jun 2010	902	15.2	1100.37	11524	200	445.93	1673.0	361.1	100	400.3
	Jul 2010	902	14.7	1102.77	11740	216	448.73	1687.0	361.5	100	400.8
	Aug 2010	811	13.2	1106.00	12035	295	451.69	1706.0	330.0	100	407.0
	Sep 2010	679	11.4	1105.00	11943	-92	453.93	1700.0	272.4	100	401.1
	WY 2010	9429							3790.7		
	Oct 2010	454	7.4	1106.54	12085	142	459.66	1181.6	183.4	70	404.3
	Nov 2010	515	8.7	1107.41	12165	80	461.19	1385.1	205.6	81	399.3
	Dec 2010	531	8.6	1110.17	12421	256	460.82	1482.7	211.5	87	398.1
	Jan 2011	677	11.0	1112.18	12611	189	461.87	1291.8	276.9	76	409.1
	Feb 2011	660	11.9	1113.42	12728	117	461.75	1405.0	272.3	83	412.2
	Mar 2011	1014	16.5	1110.65	12467	-261	460.69	1388.9	420.3	82	414.6
	Apr 2011	1134	19.1	1107.37	12162	-305	457.29	1388.0	477.3	82	420.8

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Davis Dam - Lake Mohave

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Davis Static Head Feet	Davis Generator Capacity MW	Davis Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	May 2008	993	16.2	643.95	1725	75	0.00	255.0	123.5	100	124.4
H	Jun 2008	932	15.7	643.36	1709	-16	0.00	255.0	117.8	100	126.5
I	Jul 2008	896	14.6	641.79	1666	-43	0.00	255.0	111.7	100	124.6
S	Aug 2008	798	13.0	641.06	1646	-20	0.00	255.0	98.5	100	123.4
T	Sep 2008	698	11.7	638.80	1585	-61	0.00	255.0	86.5	100	123.9
	WY 2008	9205							1137.7		
O	Oct 2008	632	10.3	633.37	1444	-141	0.00	211.7	74.9	83	118.6
R	Nov 2008	603	10.1	635.28	1493	49	0.00	186.2	71.8	73	119.1
I	Dec 2008	339	5.5	638.77	1585	91	0.00	163.2	42.1	64	124.2
C	Jan 2009	655	10.6	641.08	1647	62	0.00	155.6	80.8	61	123.4
A	Feb 2009	629	11.3	642.29	1679	33	0.00	193.8	79.3	76	126.1
L	Mar 2009	1035	16.8	641.38	1655	-25	0.00	255.0	121.2	100	117.1
*	Apr 2009	1097	18.4	643.11	1702	47	0.00	255.0	135.7	100	123.7
	May 2009	974	15.8	643.00	1699	-3	136.10	255.0	121.8	100	125.1
	Jun 2009	882	14.8	643.00	1699	0	136.04	255.0	110.5	100	125.3
	Jul 2009	903	14.7	641.50	1658	-41	135.25	255.0	112.7	100	124.7
	Aug 2009	768	12.5	641.50	1658	0	134.46	255.0	95.9	100	124.7
	Sep 2009	669	11.3	638.00	1564	-94	132.63	255.0	82.7	100	123.6
	WY 2009	9184							1129.3		
	Oct 2009	616	10.0	633.00	1434	-130	129.25	216.8	74.0	85	120.2
	Nov 2009	518	8.7	634.00	1460	26	128.21	183.6	61.6	72	118.9
	Dec 2009	438	7.1	638.71	1583	123	131.03	188.7	53.5	74	122.1
	Jan 2010	572	9.3	641.80	1666	83	135.19	186.2	71.4	73	124.8
	Feb 2010	652	11.7	641.80	1666	0	136.23	204.0	81.7	80	125.3
	Mar 2010	953	15.5	643.05	1700	34	135.64	247.3	118.7	97	124.6
	Apr 2010	1109	18.6	643.00	1699	-2	136.07	255.0	137.8	100	124.2
	May 2010	974	15.8	643.00	1699	0	136.04	255.0	121.8	100	125.0
	Jun 2010	902	15.2	642.00	1671	-27	135.51	255.0	112.6	100	124.8
	Jul 2010	892	14.5	641.50	1658	-14	134.73	255.0	110.9	100	124.3
	Aug 2010	786	12.8	641.50	1658	0	134.46	255.0	98.0	100	124.6
	Sep 2010	756	12.7	638.00	1564	-94	132.63	255.0	93.0	100	123.1
	WY 2010	9168							1135.0		
	Oct 2010	579	9.4	633.00	1434	-130	128.65	237.2	69.8	93	120.5
	Nov 2010	471	7.9	634.00	1460	26	126.61	234.6	56.2	92	119.2
	Dec 2010	389	6.3	638.71	1583	123	129.47	239.7	47.6	94	122.5
	Jan 2011	571	9.3	641.80	1666	83	134.16	219.3	71.3	86	124.8
	Feb 2011	646	11.6	641.80	1666	0	135.05	244.8	80.9	96	125.3
	Mar 2011	953	15.5	643.05	1700	34	135.44	255.0	118.8	100	124.6
	Apr 2011	1108	18.6	643.00	1699	-2	136.07	255.0	137.6	100	124.2

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Parker Dam - Lake Havasu

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Parker Static Head Feet	Parker Generator Capacity MW	Parker Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	May 2008	684	11.1	448.84	596	30	0.00	90.0	46.4	75	67.9
H	Jun 2008	691	11.6	448.62	592	-4	0.00	90.0	47.3	75	68.4
I	Jul 2008	728	11.8	447.86	577	-14	0.00	90.0	48.9	75	67.3
S	Aug 2008	635	10.3	448.54	590	13	0.00	105.6	41.9	88	66.0
T	Sep 2008	519	8.7	448.19	584	-7	0.00	91.2	38.6	76	74.3
	WY 2008	6692							453.4		
O	Oct 2008	452	7.4	446.55	553	-31	0.00	90.0	31.2	75	68.9
R	Nov 2008	379	6.4	447.54	571	18	0.00	90.0	26.2	75	69.1
I	Dec 2008	236	3.8	446.81	558	-14	0.00	85.2	15.3	71	64.7
C	Jan 2009	379	6.2	446.67	555	-3	0.00	78.0	25.9	65	68.2
A	Feb 2009	397	7.2	446.08	544	-11	0.00	90.0	27.2	75	68.5
L	Mar 2009	736	12.0	446.75	556	12	0.00	87.6	49.2	73	66.8
*	Apr 2009	784	13.2	448.75	595	38	0.00	111.6	53.8	93	68.6
	May 2009	688	11.2	448.71	594	-1	76.08	120.0	45.7	100	66.5
	Jun 2009	668	11.2	448.50	589	-4	75.96	120.0	44.3	100	66.4
	Jul 2009	728	11.8	448.00	580	-9	75.61	120.0	48.2	100	66.2
	Aug 2009	622	10.1	447.50	571	-10	75.13	120.0	40.8	100	65.5
	Sep 2009	545	9.2	446.81	557	-13	75.95	90.0	36.1	75	66.2
	WY 2009	6615							443.8		
	Oct 2009	454	7.4	446.31	548	-9	75.37	90.0	29.6	75	65.2
	Nov 2009	364	6.1	446.50	552	3	76.73	64.8	24.0	54	66.0
	Dec 2009	296	4.8	446.50	552	0	75.32	90.0	18.8	75	63.5
	Jan 2010	345	5.6	446.50	552	0	76.35	72.0	22.5	60	65.2
	Feb 2010	452	8.1	446.50	552	0	75.38	88.8	29.6	74	65.5
	Mar 2010	727	11.8	446.70	555	4	74.01	120.0	47.3	100	65.0
	Apr 2010	821	13.8	448.71	594	38	75.09	120.0	54.2	100	66.1
	May 2010	705	11.5	448.71	594	0	76.06	120.0	46.9	100	66.5
	Jun 2010	672	11.3	448.71	594	0	76.06	120.0	44.6	100	66.5
	Jul 2010	728	11.8	448.00	580	-14	75.72	120.0	48.3	100	66.3
	Aug 2010	622	10.1	447.50	571	-10	75.13	120.0	40.8	100	65.5
	Sep 2010	545	9.2	446.81	557	-13	74.55	120.0	35.4	100	64.9
	WY 2010	6733							442.1		
	Oct 2010	454	7.4	446.31	548	-9	73.97	120.0	29.0	100	63.9
	Nov 2010	365	6.1	446.50	552	3	74.98	94.8	23.5	79	64.3
	Dec 2010	300	4.9	446.50	552	0	73.92	120.0	18.8	100	62.5
	Jan 2011	344	5.6	446.50	552	0	74.71	102.0	21.9	85	63.7
	Feb 2011	446	8.0	446.50	552	0	74.60	104.4	28.9	87	64.7
	Mar 2011	727	11.8	446.70	555	4	74.01	120.0	47.3	100	65.0
	Apr 2011	818	13.8	448.71	594	38	75.09	120.0	54.1	100	66.1

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Upper Basin Power

		Glen Canyon 1000 MWHR	Flam Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Res 1000 MWHR	Font Res 1000 MWHR
*	May 2008	333	39	52	92	23	4
H	Jun 2008	348	68	40	63	22	7
I	Jul 2008	390	36	31	39	23	9
S	Aug 2008	400	36	36	42	22	8
T	Sep 2008	323	34	34	41	21	5
	Summer 2008	1795	212	194	276	111	33
O	Oct 2008	334	27	25	30	17	5
R	Nov 2008	267	25	9	12	6	4
I	Dec 2008	355	30	10	14	7	2
C	Jan 2009	352	31	11	15	6	4
A	Feb 2009	262	24	12	15	4	3
L	Mar 2009	271	20	14	15	10	3
	Winter 2009	1840	156	81	101	50	21
*	Apr 2009	260	19	17	24	16	3
	May 2009	246	32	44	64	23	6
	Jun 2009	263	56	25	36	22	9
	Jul 2009	348	32	36	43	23	10
	Aug 2009	346	32	38	45	23	9
	Sep 2009	254	31	34	41	21	6
	Summer 2009	1717	201	194	253	128	43
	Oct 2009	262	32	23	28	15	6
	Nov 2009	255	31	14	17	9	6
	Dec 2009	339	32	19	23	12	6
	Jan 2010	379	32	21	27	14	6
	Feb 2010	346	29	18	24	12	5
	Mar 2010	344	32	18	24	13	5
	Winter 2010	1925	186	112	144	75	33
	Apr 2010	395	31	18	27	15	5
	May 2010	418	51	20	34	22	7
	Jun 2010	500	67	21	32	22	9
	Jul 2010	503	41	33	41	22	10
	Aug 2010	480	41	38	45	23	10
	Sep 2010	253	40	35	42	21	6
	Summer 2010	2548	271	165	221	126	47
	Oct 2010	261	41	24	29	15	6
	Nov 2010	254	40	14	18	10	6
	Dec 2010	338	41	21	27	14	6
	Jan 2011	337	41	21	27	14	5
	Feb 2011	294	37	18	24	12	5
	Mar 2011	293	41	18	24	13	5
	Winter 2011	1777	241	116	149	77	33
	Apr 2011	334	40	18	27	15	5

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model_run_id = 2023

F L O O D C O N T R O L C R I T E R I A
B E G I N N I N G O F M O N T H C O N D I T I O N S

MON	YEAR	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	LAKE POWELL KAF	UPPER BASIN TOTAL KAF	LAKE MEAD KAF	TOTAL KAF	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	TOT OR MAX ALLOW KAF	LAKE POWELL KAF	LAKE MEAD KAF	TOTAL KAF	BOM SPACE REQD KAF	MEAD SCHED REL KAF	MEAD FC REL KAF	SYS CONT MAF
		* * * * P R E D I C T E D S P A C E * * * *							* * * * E F F E C T I V E S P A C E * * * *									
MAY	2009	927	249	364	11462	13002	15776	28778	431	243	232	906	11462	15776	28144	1500	1006	0	33.4
JUN	2009	795	169	264	10070	11298	16170	27467	289	156	103	547	10070	16170	26787	1500	909	0	35.0
JUL	2009	616	14	255	8459	9345	16497	25842	93	-19	50	124	8459	16497	25080	1500	886	0	35.2
									* * * * C R E D I T A B L E S P A C E * * * *									
AUG	2009	541	27	251	8181	9000	16605	25604	541	27	251	819	8181	16605	25604	1500	793	0	34.9
SEP	2009	557	87	259	8394	9297	16590	25887	557	87	259	903	8394	16590	25887	2270	593	0	34.6
OCT	2009	598	158	256	8468	9480	16600	26081	598	158	256	1012	8468	16600	26081	3040	490	0	34.4
NOV	2009	634	197	252	8544	9627	16494	26121	634	197	252	1083	8544	16494	26121	3810	561	0	34.3
DEC	2009	671	212	250	8607	9740	16458	26198	671	212	250	1133	8607	16458	26198	4580	581	0	34.3
JAN	2010	723	248	260	8901	10133	16250	26382	723	248	260	1231	8901	16250	26382	5350	677	0	34.1
									* * * * E F F E C T I V E S P A C E * * * *									
JAN	2010	723	248	260	8901	10133	16250	26382	445	248	140	833	8901	16250	25984	5350	677	0	34.1
FEB	2010	771	296	272	9303	10642	15965	26607	491	296	151	938	9303	15965	26206	1500	667	0	33.9
MAR	2010	807	334	273	9655	11068	15735	26804	524	334	151	1009	9655	15735	26399	1500	1013	0	33.6
APR	2010	795	361	258	9869	11284	15877	27160	508	361	131	999	9869	15877	26745	1500	1136	0	33.4
MAY	2010	745	353	189	10032	11318	16041	27359	450	353	42	845	10032	16041	26918	1500	1009	0	34.4
JUN	2010	631	220	208	9259	10318	16057	26374	326	217	29	572	9259	16057	25888	1500	902	0	36.1
JUL	2010	429	42	274	8148	8893	15856	24750	107	15	48	170	8148	15856	24174	1500	902	0	36.4
									* * * * C R E D I T A B L E S P A C E * * * *									
AUG	2010	340	27	277	8146	8789	15640	24429	340	27	277	644	8146	15640	24429	1500	811	0	36.1
SEP	2010	371	77	286	8618	9352	15345	24697	371	77	286	734	8618	15345	24697	2270	679	0	35.7
OCT	2010	433	147	285	8661	9525	15437	24962	433	147	285	864	8661	15437	24962	3040	454	0	35.5
NOV	2010	493	186	281	8713	9672	15295	24968	493	186	281	959	8713	15295	24968	3810	515	0	35.5
DEC	2010	553	203	281	8750	9786	15215	25001	553	203	281	1036	8750	15215	25001	4580	531	0	35.5
JAN	2011	629	248	290	9011	10179	14959	25138	629	248	290	1168	9011	14959	25138	5350	677	0	35.4
									* * * * E F F E C T I V E S P A C E * * * *									
JAN	2011	629	248	290	9011	10179	14959	25138	331	248	217	796	9011	14959	24766	5350	677	0	35.4
FEB	2011	702	295	301	9297	10595	14769	25364	402	295	227	924	9297	14769	24991	1500	660	0	35.2
MAR	2011	759	334	300	9512	10905	14652	25558	458	334	225	1017	9512	14652	25182	1500	1014	0	34.9
APR	2011	772	361	253	9616	11002	14913	25915	467	361	172	1001	9616	14913	25530	1500	1134	0	34.7

To: All Annual Operating Plan Recipients

From: Lower Colorado Region
Boulder Canyon Operations Office
River Operations Group
Bruce Williams
P.O. Box 61470
Boulder City, NV 89006-1470
Phone: 702-293-8571

The operation of Lake Powell and Lake Mead in this June 2009 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines), and reflects the 2009 Annual Operating Plan (AOP). Pursuant to the Interim Guidelines, the August 24-Month Study projections of the January 1 system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead. If the operating tier for the year is the Upper Elevation Balancing Tier, an adjustment may be made in April based on the April 24-Month Study projection of the September 30 system storage and reservoir water surface elevations.

The Upper Elevation Balancing Tier is the operational tier for water year 2009 for Glen Canyon Dam. The Intentionally Created Surplus (ICS) Surplus condition is the criterion governing the operation of Lake Mead for calendar year 2009.

The April 24-Month Study projected the end of water year elevation at Lake Powell to be below the 2009 Equalization Elevation of 3639 feet and the projected end of water year elevation at Lake Mead to be above elevation 1075 feet. Pursuant to Sections 6.B.1. and 6.B.4. of the Interim Guidelines, the annual release volume will be 8.23 million acre-feet from Glen Canyon Dam during water year 2009 which is reflected in this June 24-Month Study.

The Interim Guidelines are available for download at http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf. The 2009 AOP is available for download at http://www.usbr.gov/uc/water/rsvrs/ops/aop/AOP09_final.pdf.

Current runoff projections into Lake Powell are provided by the National Weather Service's Colorado Basin River Forecast Center and are as follows: Observed unregulated inflow into Lake Powell for the month of May 2009 was 2.928 maf or 127% of the 30 year average. The forecast for June 2009 unregulated inflow into Lake Powell is 2.300 maf or 75% of the 30 year average. The forecast for the April through July unregulated inflow is 7.097 maf or 90% of average.

In this study, the Calendar Year (CY) 2009 diversion for Metropolitan Water District of Southern California (MWD) is forecasted to be 0.975 maf. The CY 2009 diversion for the Central Arizona Project (CAP) is forecasted to be 1.510 maf. Consumptive use for Nevada above Hoover is forecasted to be 0.323 maf for CY 2009.

Due to declining Lake Mead elevations, Hoover's generator capacity is adjusted based on estimated effective capacity and plant availability. The estimated effective capacity is based on projected Lake Mead elevations. Unit capacity tests will be performed as the lake elevation changes in 2-foot increments. This study reflects these changes in the projections.

Hoover, Davis, and Parker historical gross energy figures come from PO&M reports provided by the Power and O&M Group, Boulder Canyon Operations Office, Bureau of Reclamation, Boulder City, Nevada. Questions regarding these historical energy numbers can be directed to Larry Karr at (702) 293-8094.

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T E M R E S E R V O I R S

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Fontenelle Reservoir

		Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Jun 2008	224	2	100	0	101	6499.83	298
H	Jul 2008	173	3	104	34	138	6503.99	330
I	Aug 2008	47	2	91	0	91	6497.83	283
S	Sep 2008	36	2	63	0	63	6493.80	254
	WY 2008	838	14	712	44	756		
T	Oct 2008	43	1	65	0	65	6490.51	231
O	Nov 2008	41	1	48	13	61	6487.43	211
R	Dec 2008	30	1	26	35	60	6482.26	180
I	Jan 2009	33	1	61	0	61	6476.93	151
C	Feb 2009	27	0	53	0	53	6471.15	124
A	Mar 2009	46	0	59	0	59	6467.98	111
L	Apr 2009	91	1	57	0	57	6475.63	145
*	May 2009	152	1	62	1	64	6490.46	231
	Jun 2009	310	2	105	136	241	6499.89	298
	Jul 2009	155	3	101	10	111	6505.25	340
	Aug 2009	65	2	92	0	92	6501.46	310
	Sep 2009	42	2	60	5	65	6498.10	285
	WY 2009	1033	15	788	200	987		
	Oct 2009	45	1	67	0	67	6494.85	261
	Nov 2009	41	1	65	0	65	6491.25	236
	Dec 2009	32	1	67	0	67	6485.71	200
	Jan 2010	30	1	67	0	67	6479.10	162
	Feb 2010	27	0	61	0	61	6472.02	128
	Mar 2010	51	0	67	0	67	6468.12	111
	Apr 2010	89	1	83	0	83	6469.31	116
	May 2010	176	1	99	6	105	6483.46	187
	Jun 2010	308	2	103	93	196	6499.59	296
	Jul 2010	186	3	101	37	138	6505.40	341
	Aug 2010	83	2	100	5	105	6502.34	317
	Sep 2010	49	2	68	0	68	6499.61	296
	WY 2010	1116	15	949	141	1090		
	Oct 2010	49	1	70	0	70	6496.54	273
	Nov 2010	41	1	68	0	68	6492.65	246
	Dec 2010	32	1	70	0	70	6486.85	208
	Jan 2011	30	1	70	0	70	6480.05	167
	Feb 2011	27	0	63	0	63	6472.60	131
	Mar 2011	51	0	70	0	70	6468.14	111
	Apr 2011	89	1	83	0	83	6469.32	116
	May 2011	176	1	99	5	104	6483.57	187

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Flaming Gorge Reservoir

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Yampa Flow 1000 Ac-Ft	Jensen Flow 1000 Ac-Ft
*	Jun 2008	284	161	10	177	0	177	84	6021.15	3020	723	917
H	Jul 2008	188	153	12	93	0	93	86	6022.43	3066	152	306
I	Aug 2008	48	92	12	92	0	92	85	6022.11	3055	29	132
S	Sep 2008	40	67	10	89	0	89	84	6021.25	3024	22	126
	WY 2008	1018	937	75	893	10	903					3017
T	Oct 2008	45	67	7	71	0	71	83	6020.97	3014	21	119
O	Nov 2008	47	66	3	65	0	65	83	6020.91	3012	0	107
R	Dec 2008	17	48	2	79	0	79	82	6020.01	2980	0	116
I	Jan 2009	39	67	2	80	0	80	82	6019.63	2967	0	752
C	Feb 2009	37	64	2	62	0	62	82	6019.63	2967	0	104
A	Mar 2009	62	75	3	52	0	52	82	6020.18	2986	0	142
L	Apr 2009	127	93	5	50	0	50	84	6021.21	3023	0	307
*	May 2009	212	125	7	150	0	150	83	6020.33	2991	747	884
	Jun 2009	345	276	10	98	0	98	89	6024.79	3153	0	98
	Jul 2009	165	121	13	101	0	101	89	6024.95	3158	0	101
	Aug 2009	70	97	12	101	0	101	89	6024.53	3143	0	101
	Sep 2009	48	71	11	98	0	98	87	6023.54	3107	0	98
	WY 2009	1215	1169	77	1007	0	1007					2930
	Oct 2009	54	76	7	77	0	77	87	6023.32	3099	0	77
	Nov 2009	51	76	3	81	0	81	86	6023.08	3090	0	81
	Dec 2009	37	72	2	85	0	85	86	6022.70	3076	0	85
	Jan 2010	41	79	2	85	0	85	86	6022.50	3069	0	85
	Feb 2010	45	79	2	76	0	76	86	6022.52	3069	0	76
	Mar 2010	103	120	3	56	0	56	88	6024.12	3128	0	56
	Apr 2010	142	137	5	49	0	49	91	6026.27	3208	0	49
	May 2010	263	192	8	100	0	100	94	6028.41	3288	0	100
	Jun 2010	400	288	11	196	0	196	98	6030.45	3366	0	196
	Jul 2010	219	172	14	112	0	112	99	6031.58	3410	0	112
	Aug 2010	97	118	13	112	0	112	99	6031.41	3404	0	112
	Sep 2010	58	77	11	109	0	109	97	6030.36	3363	0	109
	WY 2010	1511	1485	80	1138	0	1138					1138
	Oct 2010	59	81	7	112	0	112	96	6029.39	3325	0	112
	Nov 2010	51	78	3	109	0	109	95	6028.53	3293	0	109
	Dec 2010	37	74	2	112	0	112	93	6027.53	3255	0	112
	Jan 2011	41	81	2	112	0	112	92	6026.68	3223	0	112
	Feb 2011	45	81	2	101	0	101	91	6026.11	3202	0	101
	Mar 2011	103	122	3	112	0	112	91	6026.29	3208	0	112
	Apr 2011	142	137	5	109	0	109	92	6026.89	3230	0	109
	May 2011	263	191	8	140	0	140	94	6027.98	3272	0	140

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Taylor Park Reservoir

		Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Jun 2008	65	40	9324.75	96
H	Jul 2008	29	34	9322.03	91
I	Aug 2008	12	23	9315.69	79
S	Sep 2008	8	15	9311.36	72
	WY 2008	184	189		
T	Oct 2008	7	7	9311.31	72
O	Nov 2008	5	5	9311.19	72
R	Dec 2008	5	5	9311.34	72
I	Jan 2009	5	5	9311.21	72
C	Feb 2009	4	5	9310.95	71
A	Mar 2009	4	5	9310.68	71
L	Apr 2009	11	5	9314.31	77
*	May 2009	46	21	9328.38	103
	Jun 2009	38	36	9329.37	105
	Jul 2009	17	24	9325.79	98
	Aug 2009	9	18	9321.10	89
	Sep 2009	7	14	9316.95	82
	WY 2009	158	149		
	Oct 2009	6	8	9315.74	79
	Nov 2009	5	6	9315.09	78
	Dec 2009	4	6	9314.16	77
	Jan 2010	4	6	9313.07	75
	Feb 2010	4	6	9311.69	73
	Mar 2010	4	6	9310.60	71
	Apr 2010	8	8	9310.81	71
	May 2010	27	18	9316.30	80
	Jun 2010	43	20	9328.54	103
	Jul 2010	20	22	9327.74	102
	Aug 2010	10	22	9321.50	90
	Sep 2010	7	15	9317.04	82
	WY 2010	143	143		
	Oct 2010	6	10	9314.78	78
	Nov 2010	5	6	9314.11	77
	Dec 2010	4	6	9313.17	75
	Jan 2011	4	6	9312.07	73
	Feb 2011	4	6	9310.67	71
	Mar 2011	4	6	9309.56	69
	Apr 2011	8	8	9309.77	70
	May 2011	27	16	9316.50	81

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Blue Mesa Reservoir

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Jun 2008	409	383	1	143	20	163	7503.56	691
H	Jul 2008	172	176	1	103	0	103	7511.87	762
I	Aug 2008	70	82	1	119	0	119	7507.44	724
S	Sep 2008	35	42	1	115	0	115	7498.61	650
	WY 2008	1324	1329	8	1287	70	1357		
T	Oct 2008	33	33	1	85	0	85	7492.14	598
O	Nov 2008	27	28	0	33	0	33	7491.42	592
R	Dec 2008	28	27	0	36	0	36	7490.25	583
I	Jan 2009	26	27	0	39	0	39	7488.62	571
C	Feb 2009	24	24	0	42	0	42	7486.19	552
A	Mar 2009	40	40	0	49	0	49	7484.97	543
L	Apr 2009	104	99	1	61	0	61	7489.84	580
*	May 2009	344	317	1	110	10	120	7513.48	776
	Jun 2009	240	238	2	195	0	195	7518.10	818
	Jul 2009	100	107	2	121	0	121	7516.40	802
	Aug 2009	56	65	1	123	0	123	7509.69	743
	Sep 2009	34	41	1	111	0	111	7501.38	673
	WY 2009	1055	1047	9	1005	10	1015		
	Oct 2009	34	36	1	76	0	76	7496.43	632
	Nov 2009	31	32	0	46	0	46	7494.62	618
	Dec 2009	25	27	0	63	0	63	7490.00	581
	Jan 2010	24	26	0	73	0	73	7483.80	534
	Feb 2010	22	24	0	62	0	62	7478.55	495
	Mar 2010	34	36	0	63	0	63	7474.75	468
	Apr 2010	73	73	1	64	0	64	7475.92	477
	May 2010	212	203	1	69	0	69	7493.59	610
	Jun 2010	271	248	1	69	0	69	7514.77	788
	Jul 2010	121	122	2	106	0	106	7516.40	803
	Aug 2010	62	74	1	122	0	122	7510.78	753
	Sep 2010	36	44	1	113	0	113	7502.61	683
	WY 2010	945	945	9	926	0	926		
	Oct 2010	35	39	1	78	0	78	7497.80	643
	Nov 2010	31	32	0	48	0	48	7495.75	627
	Dec 2010	25	27	0	72	0	72	7490.00	581
	Jan 2011	24	26	0	73	0	73	7483.80	534
	Feb 2011	22	24	0	62	0	62	7478.55	496
	Mar 2011	34	36	0	63	0	63	7474.75	468
	Apr 2011	73	73	1	64	0	64	7475.92	477
	May 2011	212	201	1	63	0	63	7494.10	614

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Morrow Point Reservoir

		Unreg Inflow 1000 Ac-Ft	Blue_Mesa Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Evap losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Jun 2008	432	163	23	186	0	177	4	180	7152.31	111
H	Jul 2008	178	103	6	109	0	108	0	108	7152.94	111
I	Aug 2008	71	119	0	120	0	117	0	117	7156.16	114
S	Sep 2008	35	115	0	115	0	115	0	115	7155.78	114
	WY 2008	1358	1357	34	1392	1	1365	27	1392		
T	Oct 2008	33	85	0	85	0	86	0	86	7153.95	112
O	Nov 2008	29	33	2	35	0	35	0	35	7153.60	112
R	Dec 2008	29	36	2	38	0	39	0	39	7152.11	111
I	Jan 2009	28	39	1	40	0	43	0	43	7148.12	108
C	Feb 2009	24	42	1	43	0	45	0	45	7145.98	106
A	Mar 2009	42	49	2	51	0	43	6	49	7147.72	107
L	Apr 2009	119	61	14	75	0	69	0	69	7155.78	114
*	May 2009	377	120	34	154	0	153	2	155	7154.23	112
	Jun 2009	259	195	19	214	0	214	0	214	7153.73	112
	Jul 2009	106	121	6	126	0	126	0	126	7153.73	112
	Aug 2009	59	123	3	126	0	126	0	126	7153.73	112
	Sep 2009	37	111	3	114	0	114	0	114	7153.73	112
	WY 2009	1141	1015	85	1100	0	1093	8	1101		
	Oct 2009	37	76	3	79	0	79	0	79	7153.73	112
	Nov 2009	33	46	2	48	0	48	0	48	7153.73	112
	Dec 2009	27	63	2	65	0	65	0	65	7153.73	112
	Jan 2010	26	73	2	75	0	75	0	75	7153.73	112
	Feb 2010	25	62	3	65	0	65	0	65	7153.73	112
	Mar 2010	38	63	4	67	0	67	0	67	7153.73	112
	Apr 2010	84	64	11	75	0	75	0	75	7153.73	112
	May 2010	237	69	25	94	0	94	0	94	7153.73	112
	Jun 2010	292	69	21	90	0	90	0	90	7153.73	112
	Jul 2010	127	106	7	113	0	113	0	113	7153.73	112
	Aug 2010	65	122	4	126	0	126	0	126	7153.73	112
	Sep 2010	39	113	3	116	0	116	0	116	7153.73	112
	WY 2010	1031	926	86	1012	0	1012	0	1012		
	Oct 2010	38	78	3	81	0	81	0	81	7153.73	112
	Nov 2010	33	48	2	50	0	50	0	50	7153.73	112
	Dec 2010	27	72	2	74	0	74	0	74	7153.73	112
	Jan 2011	26	73	2	75	0	75	0	75	7153.73	112
	Feb 2011	25	62	3	65	0	65	0	65	7153.73	112
	Mar 2011	38	63	4	67	0	67	0	67	7153.73	112
	Apr 2011	84	64	11	75	0	75	0	75	7153.73	112
	May 2011	237	63	25	88	0	88	0	88	7153.73	112

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Crystal Reservoir

		unreg Inflow 1000 Ac-Ft	Morrow Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Tunnel Flow 1000 Ac-Ft	Below_tunnel Flow 1000 Ac-Ft
*	Jun 2008	484	180	52	232	118	116	234	6753.95	17	47	201
H	Jul 2008	191	108	13	121	123	0	123	6747.80	15	62	73
I	Aug 2008	75	117	5	122	123	0	123	6742.41	14	66	66
S	Sep 2008	38	115	3	118	118	0	118	6741.71	14	61	63
	WY 2008	1520	1392	162	1554	1164	392	1555			356	1283
T	Oct 2008	36	86	3	89	89	0	89	6744.34	15	55	45
O	Nov 2008	33	35	4	38	39	0	39	6742.20	14	1	40
R	Dec 2008	32	39	3	42	42	0	42	6742.53	14	1	43
I	Jan 2009	31	43	4	47	38	9	47	6741.02	14	1	49
C	Feb 2009	28	45	3	48	24	20	45	6752.05	17	1	46
A	Mar 2009	47	49	5	55	55	0	55	6751.30	16	9	47
L	Apr 2009	130	69	12	81	80	0	80	6752.70	17	35	48
*	May 2009	430	155	53	208	120	87	208	6752.57	17	55	159
	Jun 2009	290	214	31	245	130	115	245	6753.04	17	60	185
	Jul 2009	115	126	9	136	134	2	136	6753.04	17	65	71
	Aug 2009	65	126	6	132	132	0	132	6753.04	17	65	67
	Sep 2009	42	114	5	119	119	0	119	6753.04	17	55	64
	WY 2009	1279	1101	139	1240	1003	234	1237			401	864
	Oct 2009	43	79	6	85	85	0	85	6753.04	17	30	55
	Nov 2009	38	48	5	53	53	0	53	6753.04	17	0	53
	Dec 2009	32	65	5	70	70	0	70	6753.04	17	0	70
	Jan 2010	31	75	5	80	80	0	80	6753.04	17	0	80
	Feb 2010	29	65	4	69	69	0	69	6753.04	17	0	69
	Mar 2010	46	67	7	74	74	0	74	6753.04	17	5	69
	Apr 2010	96	75	12	87	87	0	87	6753.04	17	30	57
	May 2010	272	94	35	129	129	0	129	6753.04	17	55	74
	Jun 2010	330	90	38	128	128	0	128	6753.04	17	60	68
	Jul 2010	144	113	17	130	130	0	130	6753.04	17	65	65
	Aug 2010	74	126	8	134	134	0	134	6753.04	17	65	69
	Sep 2010	45	116	6	122	122	0	122	6753.04	17	55	67
	WY 2010	1181	1012	150	1162	1162	0	1162			365	797
	Oct 2010	44	81	7	87	87	0	87	6753.04	17	30	57
	Nov 2010	38	50	5	55	55	0	55	6753.04	17	0	55
	Dec 2010	32	74	5	79	79	0	79	6753.04	17	0	79
	Jan 2011	31	75	5	80	80	0	80	6753.04	17	0	80
	Feb 2011	29	65	4	69	69	0	69	6753.04	17	0	69
	Mar 2011	46	67	7	74	74	0	74	6753.04	17	5	69
	Apr 2011	96	75	12	87	87	0	87	6753.04	17	30	57
	May 2011	272	88	35	123	123	0	123	6753.04	17	55	68

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Vallecito Reservoir

		Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Jun 2008	84	43	7663.79	122
H	Jul 2008	32	39	7660.68	114
I	Aug 2008	15	38	7651.24	90
S	Sep 2008	11	31	7642.57	70
	WY 2008	309	319		
T	Oct 2008	9	14	7640.18	65
O	Nov 2008	5	2	7641.75	68
R	Dec 2008	5	2	7643.06	71
I	Jan 2009	5	2	7644.39	74
C	Feb 2009	5	2	7645.61	77
A	Mar 2009	8	4	7647.33	81
L	Apr 2009	22	10	7652.11	92
*	May 2009	99	66	7664.50	124
	Jun 2009	38	43	7662.43	118
	Jul 2009	16	40	7652.85	94
	Aug 2009	14	36	7643.08	71
	Sep 2009	14	27	7636.71	57
	WY 2009	241	249		
	Oct 2009	12	18	7633.63	51
	Nov 2009	8	6	7634.73	54
	Dec 2009	6	3	7636.15	56
	Jan 2010	5	3	7637.14	58
	Feb 2010	5	3	7637.99	60
	Mar 2010	8	3	7640.27	65
	Apr 2010	22	12	7644.69	75
	May 2010	69	37	7657.67	106
	Jun 2010	78	59	7664.67	125
	Jul 2010	31	43	7659.89	112
	Aug 2010	19	42	7650.64	89
	Sep 2010	17	32	7644.16	73
	WY 2010	280	261		
	Oct 2010	13	19	7641.31	67
	Nov 2010	8	7	7641.82	68
	Dec 2010	6	5	7642.23	69
	Jan 2011	5	5	7642.45	70
	Feb 2011	5	4	7642.60	70
	Mar 2011	8	5	7644.07	73
	Apr 2011	22	13	7647.86	82
	May 2011	69	43	7658.37	108

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Navajo Reservoir

	Mod_Unreg Inflow 1000 Ac-Ft	Azetea Tunnel_Div 1000 Ac-Ft	Reg Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	NIIP Diversion 1000 ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Farm Flow 1000 Ac-Ft
* Jun 2008	310	49	217	4	39	224	6061.77	1370	411
H Jul 2008	82	14	74	4	40	32	6061.63	1369	103
I Aug 2008	31	3	52	4	36	40	6059.46	1341	58
S Sep 2008	31	2	48	3	22	45	6057.74	1319	57
WY 2008	1355	146	1219	28	206	1185			1887
T Oct 2008	28	0	34	2	11	32	6056.83	1308	45
O Nov 2008	21	0	17	1	0	30	6055.68	1294	47
R Dec 2008	19	0	16	1	0	31	6054.38	1278	48
I Jan 2009	23	0	20	1	1	32	6053.29	1265	54
C Feb 2009	28	1	24	1	0	28	6052.85	1259	49
A Mar 2009	76	6	65	2	5	31	6055.13	1287	0
L Apr 2009	125	19	97	2	19	30	6058.76	1332	69
* May 2009	361	52	275	4	29	59	6072.47	1515	264
Jun 2009	165	13	157	5	39	119	6072.04	1509	119
Jul 2009	60	4	80	5	41	49	6070.91	1493	49
Aug 2009	45	4	63	4	35	49	6069.09	1468	49
Sep 2009	43	1	55	3	20	48	6067.98	1453	48
WY 2009	994	102	903	29	202	539			840
Oct 2009	38	2	43	2	7	31	6068.19	1456	31
Nov 2009	33	0	30	1	0	30	6068.16	1455	30
Dec 2009	24	0	21	1	0	31	6067.40	1445	31
Jan 2010	22	0	20	1	0	31	6066.53	1433	31
Feb 2010	30	0	28	1	0	28	6066.50	1433	28
Mar 2010	88	2	82	2	4	61	6067.56	1447	61
Apr 2010	174	16	148	3	16	60	6072.57	1517	60
May 2010	279	33	214	4	28	200	6071.24	1498	200
Jun 2010	246	29	198	5	43	212	6066.73	1436	212
Jul 2010	74	7	79	5	46	31	6066.56	1434	31
Aug 2010	43	3	63	4	39	31	6065.84	1424	31
Sep 2010	42	1	56	3	22	30	6065.95	1425	30
WY 2010	1094	93	982	29	205	775			775
Oct 2010	38	0	44	2	7	31	6066.26	1430	31
Nov 2010	33	0	32	1	1	30	6066.24	1429	30
Dec 2010	24	0	23	1	1	31	6065.53	1420	31
Jan 2011	22	0	21	1	0	31	6064.76	1410	31
Feb 2011	30	0	30	1	0	28	6064.84	1411	28
Mar 2011	88	2	83	2	4	31	6068.30	1457	31
Apr 2011	174	16	149	3	16	34	6075.14	1553	34
May 2011	279	33	219	4	28	200	6074.22	1540	200

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Lake Powell

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	PowerPlant Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Bank Storage 1000 Ac-Ft	EOM Storage 1000 Ac-Ft	Lees Ferry 1000 Ac-Ft
*	Jun 2008	3566	3330	49	791	0	791	3631.05	17042	14971	810
H	Jul 2008	1709	1430	63	865	0	865	3633.00	17320	15192	887
I	Aug 2008	489	596	62	890	0	890	3629.55	17353	14803	914
S	Sep 2008	390	555	56	723	0	723	3626.90	17423	14509	738
	WY 2008	12344	12417	396	8885	93	8978				9164
T	Oct 2008	382	498	38	749	0	749	3623.82	17470	14172	762
O	Nov 2008	419	455	36	603	0	603	3621.90	17493	13966	612
R	Dec 2008	312	386	28	801	0	801	3617.89	17478	13541	818
I	Jan 2009	329	394	9	802	0	802	3614.17	17444	13155	822
C	Feb 2009	323	377	9	602	0	602	3612.05	17426	12938	612
A	Mar 2009	470	445	16	626	0	626	3610.43	17393	12774	632
L	Apr 2009	788	669	25	604	0	604	3611.26	17350	12858	611
*	May 2009	2923	2448	31	582	0	582	3629.09	17291	14751	586
	Jun 2009	2300	2015	47	625	0	625	3639.93	17391	15994	625
	Jul 2009	1080	1072	55	830	0	830	3641.39	17404	16168	830
	Aug 2009	500	642	57	812	0	812	3639.62	17388	15958	812
	Sep 2009	424	576	49	595	0	595	3639.09	17383	15896	595
	WY 2009	10249	9977	400	8230	0	8230				8317
	Oct 2009	487	553	44	615	0	615	3638.26	17375	15798	615
	Nov 2009	523	566	36	600	0	600	3637.70	17370	15733	600
	Dec 2009	418	510	30	800	0	800	3635.14	17346	15436	800
	Jan 2010	384	486	23	900	0	900	3631.59	17314	15032	900
	Feb 2010	395	464	21	800	0	800	3628.64	17287	14701	800
	Mar 2010	628	588	26	900	0	900	3625.81	17262	14389	900
	Apr 2010	952	768	29	900	0	900	3624.44	17250	14240	900
	May 2010	2161	1838	40	997	0	997	3631.14	17310	14981	997
	Jun 2010	2808	2441	48	1078	0	1078	3641.65	17407	16199	1078
	Jul 2010	1345	1233	56	1180	0	1180	3641.63	17407	16197	1180
	Aug 2010	566	671	56	1125	0	1125	3637.63	17369	15724	1125
	Sep 2010	459	597	48	595	0	595	3637.25	17366	15681	595
	WY 2010	11127	10714	456	10490	0	10490				10490
	Oct 2010	506	602	44	615	0	615	3636.81	17361	15629	615
	Nov 2010	523	596	36	600	0	600	3636.49	17358	15592	600
	Dec 2010	418	548	30	800	0	800	3634.22	17338	15331	800
	Jan 2011	384	514	23	850	0	850	3631.29	17311	14998	850
	Feb 2011	395	489	21	675	0	675	3629.59	17296	14807	675
	Mar 2011	628	614	26	750	0	750	3628.24	17284	14657	750
	Apr 2011	952	802	29	800	0	800	3628.01	17282	14631	800
	May 2011	2161	1872	41	850	0	850	3636.03	17354	15539	850

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Hoover Dam - Lake Mead

		Glen Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release CFS	SNWP Use 1000 Ac-Ft	Dwnstrm Reqmnts 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
*	Jun 2008	791	44	59	949	15.9	30	949	776	1104.98	11941
H	Jul 2008	865	63	73	876	14.2	33	874	773	1104.42	11890
I	Aug 2008	890	95	78	804	13.1	34	789	777	1105.13	11955
S	Sep 2008	723	77	64	652	11.0	22	642	781	1105.76	12013
	WY 2008	8978	912	606	9531		278	9468			
T	Oct 2008	749	47	47	508	8.3	26	498	794	1107.94	12213
O	Nov 2008	603	74	47	675	11.3	15	659	790	1107.33	12157
R	Dec 2008	801	62	41	453	7.4	8	432	812	1110.97	12496
I	Jan 2009	802	63	34	741	12.1	9	739	817	1111.78	12572
C	Feb 2009	602	82	31	679	12.2	9	670	815	1111.43	12539
A	Mar 2009	626	62	34	1037	16.9	17	1037	791	1107.40	12164
L	Apr 2009	604	37	42	1174	19.7	21	1169	754	1101.26	11604
*	May 2009	582	64	47	977	15.9	33	968	729	1096.92	11217
	Jun 2009	625	24	56	774	13.0	34	774	716	1094.63	11015
	Jul 2009	830	61	70	915	14.9	36	915	708	1093.23	10894
	Aug 2009	812	110	74	798	13.0	37	798	709	1093.37	10906
	Sep 2009	595	78	61	670	11.3	32	670	703	1092.40	10822
	WY 2009	8230	764	584	9402		276	9329			
	Oct 2009	615	73	44	485	7.9	41	485	711	1093.68	10933
	Nov 2009	600	73	44	561	9.4	30	561	713	1094.09	10969
	Dec 2009	800	65	39	548	8.9	24	548	729	1096.82	11208
	Jan 2010	900	131	32	674	11.0	19	674	747	1100.05	11495
	Feb 2010	800	134	30	673	12.1	18	673	760	1102.27	11695
	Mar 2010	900	96	33	1004	16.3	25	1004	756	1101.59	11633
	Apr 2010	900	75	41	1139	19.1	23	1139	742	1099.20	11419
	May 2010	997	70	47	1004	16.3	32	1004	741	1099.02	11404
	Jun 2010	1078	24	57	897	15.1	30	897	748	1100.27	11515
	Jul 2010	1180	61	72	898	14.6	32	898	763	1102.77	11740
	Aug 2010	1125	110	78	816	13.3	33	816	782	1105.95	12030
	Sep 2010	595	78	64	674	11.3	28	674	776	1105.00	11943
	WY 2010	10490	990	582	9371		333	9371			
	Oct 2010	615	73	47	448	7.3	36	448	786	1106.60	12090
	Nov 2010	600	73	47	511	8.6	25	511	791	1107.51	12174
	Dec 2010	800	65	41	526	8.6	20	526	808	1110.31	12435
	Jan 2011	850	131	34	674	11.0	19	674	824	1112.85	12674
	Feb 2011	675	134	31	667	12.0	18	667	830	1113.78	12762
	Mar 2011	750	96	35	1004	16.3	25	1004	816	1111.61	12557
	Apr 2011	800	75	43	1137	19.1	23	1137	796	1108.31	12249
	May 2011	850	70	49	1004	16.3	32	1004	786	1106.63	12093

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Davis Dam - Lake Mohave

		Hoover Release 1000 Ac-Ft	Side inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Spill Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release CFS	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
*	Jun 2008	949	-34	932	0	932	15.7	643.36	1709
H	Jul 2008	876	-23	896	0	896	14.6	641.79	1666
I	Aug 2008	804	-26	798	0	798	13.0	641.06	1646
S	Sep 2008	652	-15	698	0	698	11.7	638.80	1585
	WY 2008	9531	-285	9205	0	9205			
T	Oct 2008	508	-18	632	0	632	10.3	633.37	1444
O	Nov 2008	675	-23	603	0	603	10.1	635.28	1493
R	Dec 2008	453	-23	339	0	339	5.5	638.77	1585
I	Jan 2009	741	-25	655	0	655	10.6	641.08	1647
C	Feb 2009	679	-18	629	0	629	11.3	642.29	1679
A	Mar 2009	1037	-27	1035	0	1035	16.8	641.38	1655
L	Apr 2009	1174	-30	1097	0	1097	18.4	643.11	1702
*	May 2009	977	-28	916	0	916	14.9	644.36	1736
	Jun 2009	774	-27	838	0	838	14.1	641.00	1644
	Jul 2009	915	-23	892	0	892	14.5	641.00	1644
	Aug 2009	798	-25	773	0	773	12.6	641.00	1644
	Sep 2009	670	-17	733	0	733	12.3	638.00	1564
	WY 2009	9402	-284	9140	0	9140			
	Oct 2009	485	-4	610	0	610	9.9	633.00	1434
	Nov 2009	561	-18	517	0	517	8.7	634.00	1460
	Dec 2009	548	-20	405	0	405	6.6	638.71	1583
	Jan 2010	674	-22	569	0	569	9.3	641.80	1666
	Feb 2010	673	-15	658	0	658	11.9	641.80	1666
	Mar 2010	1004	-26	943	0	943	15.3	643.05	1700
	Apr 2010	1139	-28	1112	0	1112	18.7	643.00	1699
	May 2010	1004	-35	969	0	969	15.8	643.00	1699
	Jun 2010	897	-27	897	0	897	15.1	642.00	1671
	Jul 2010	898	-23	888	0	888	14.4	641.50	1658
	Aug 2010	816	-25	791	0	791	12.9	641.50	1658
	Sep 2010	674	-17	751	0	751	12.6	638.00	1564
	WY 2010	9371	-260	9110	0	9110			
	Oct 2010	448	-4	574	0	574	9.3	633.00	1434
	Nov 2010	511	-18	468	0	468	7.9	634.00	1460
	Dec 2010	526	-20	384	0	384	6.2	638.71	1583
	Jan 2011	674	-22	568	0	568	9.2	641.80	1666
	Feb 2011	667	-15	652	0	652	11.7	641.80	1666
	Mar 2011	1004	-26	944	0	944	15.3	643.05	1700
	Apr 2011	1137	-28	1110	0	1110	18.7	643.00	1699
	May 2011	1004	-35	969	0	969	15.8	643.00	1699

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Parker Dam - Lake Havasu

		Davis Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	MWD Diversion 1000 Ac-Ft	CAP diversion 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft	Flow_to Mexico 1000 Ac-Ft	Flow_to Mexico 1000 CFS
*	Jun 2008	932	-25	691	11.6	94	126	448.62	592	115	1.9
H	Jul 2008	896	-18	728	11.8	87	78	447.86	577	122	2.0
I	Aug 2008	798	-2	635	10.3	82	65	448.54	590	109	1.8
S	Sep 2008	698	-10	519	8.7	82	94	448.19	584	99	1.7
	WY 2008	9205	-80	6692		803	1622			1560	
T	Oct 2008	632	3	452	7.4	77	136	446.55	553	84	1.4
O	Nov 2008	603	16	379	6.4	53	168	447.54	571	118	2.0
R	Dec 2008	339	15	236	3.8	67	65	446.81	558	139	2.3
I	Jan 2009	655	-7	379	6.2	99	171	446.67	555	121	2.0
C	Feb 2009	629	3	397	7.2	82	162	446.08	544	162	2.9
A	Mar 2009	1035	-6	736	12.0	100	180	446.75	557	207	3.4
L	Apr 2009	1097	-4	784	13.2	99	172	448.75	595	204	3.4
*	May 2009	916	-2	647	10.5	102	165	448.71	594	122	2.0
	Jun 2009	838	-26	629	10.6	96	92	448.50	589	112	1.9
	Jul 2009	892	-18	724	11.8	99	61	448.00	580	119	1.9
	Aug 2009	773	-11	627	10.2	95	50	447.50	571	93	1.5
	Sep 2009	733	-12	540	9.1	96	98	446.81	557	89	1.5
	WY 2009	9140	-48	6531		1066	1521			1571	
	Oct 2009	610	6	449	7.3	22	154	446.31	548	74	1.2
	Nov 2009	517	13	361	6.1	58	108	446.50	552	103	1.7
	Dec 2009	405	11	292	4.7	27	97	446.50	552	116	1.9
	Jan 2010	569	25	342	5.6	83	168	446.50	552	119	1.9
	Feb 2010	658	28	458	8.3	76	152	446.50	552	154	2.8
	Mar 2010	943	30	718	11.7	84	168	446.70	555	204	3.3
	Apr 2010	1112	-6	823	13.8	81	163	448.71	594	199	3.3
	May 2010	969	-16	700	11.4	84	169	448.71	594	111	1.8
	Jun 2010	897	-26	666	11.2	81	123	448.71	594	116	1.9
	Jul 2010	888	-18	724	11.8	83	77	448.00	580	119	1.9
	Aug 2010	791	-11	627	10.2	83	79	447.50	571	93	1.5
	Sep 2010	751	-12	540	9.1	61	151	446.81	557	89	1.5
	WY 2010	9110	24	6701		824	1609			1497	
	Oct 2010	574	6	449	7.3	24	116	446.31	548	74	1.2
	Nov 2010	468	13	361	6.1	24	92	446.50	552	103	1.7
	Dec 2010	384	11	295	4.8	24	75	446.50	552	118	1.9
	Jan 2011	568	25	341	5.5	84	168	446.50	552	119	1.9
	Feb 2011	652	28	452	8.1	75	152	446.50	552	149	2.7
	Mar 2011	944	30	718	11.7	84	169	446.70	555	206	3.4
	Apr 2011	1110	-6	821	13.8	81	164	448.71	594	200	3.4
	May 2011	969	-16	699	11.4	84	170	448.71	594	113	1.8

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Hoover Dam - Lake Mead

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Hoover Static Head Feet	Hoover Generator Capacity MW	Hoover Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Jun 2008	949	15.9	1104.98	11941	-190	0.00	1694.0	371.6	100	391.7
H	Jul 2008	876	14.2	1104.42	11890	-51	0.00	1672.0	344.2	100	392.8
I	Aug 2008	804	13.1	1105.13	11955	65	0.00	1678.0	316.2	100	393.1
S	Sep 2008	652	11.0	1105.76	12013	58	0.00	1677.0	252.9	100	387.9
	WY 2008	9530							3790.6		
T	Oct 2008	508	8.3	1107.94	12213	201	0.00	1038.0	188.5	61	370.8
O	Nov 2008	675	11.3	1107.33	12157	-56	0.00	926.0	263.1	55	389.9
R	Dec 2008	453	7.4	1110.97	12496	339	0.00	1523.0	171.3	88	377.7
I	Jan 2009	741	12.1	1111.78	12572	76	0.00	1305.0	299.0	75	403.3
C	Feb 2009	679	12.2	1111.43	12539	-33	0.00	1415.0	263.8	81	388.5
A	Mar 2009	1037	16.9	1107.40	12164	-376	0.00	950.0	415.9	55	401.2
L	Apr 2009	1174	19.7	1101.26	11604	-560	0.00	1284.0	474.0	76	403.7
*	May 2009	977	15.9	1096.92	11217	-387	0.00	1411.0	381.7	85	390.6
	Jun 2009	774	13.0	1094.63	11015	-202	442.37	1641.0	308.5	100	398.6
	Jul 2009	915	14.9	1093.23	10894	-122	441.64	1634.0	362.2	100	395.7
	Aug 2009	798	13.0	1093.37	10906	12	441.01	1635.0	317.2	100	397.4
	Sep 2009	670	11.3	1092.40	10822	-84	441.58	1634.0	261.8	100	390.7
	WY 2009	9402							3707.0		
	Oct 2009	485	7.9	1093.68	10933	111	446.99	1141.0	193.3	70	398.8
	Nov 2009	561	9.4	1094.09	10969	36	448.16	1340.0	221.6	82	395.2
	Dec 2009	548	8.9	1096.82	11208	239	447.57	1445.0	214.0	87	390.7
	Jan 2010	674	11.0	1100.05	11495	287	449.18	1275.0	269.2	76	399.2
	Feb 2010	673	12.1	1102.27	11695	200	450.17	1398.0	271.9	83	404.2
	Mar 2010	1004	16.3	1101.59	11633	-62	450.61	1377.0	407.1	82	405.6
	Apr 2010	1139	19.1	1099.20	11419	-214	448.67	1371.0	470.7	82	413.4
	May 2010	1004	16.3	1099.02	11404	-16	446.13	1569.0	400.0	94	398.4
	Jun 2010	897	15.1	1100.27	11515	111	446.33	1682.0	359.0	100	400.3
	Jul 2010	898	14.6	1102.77	11740	225	448.68	1696.0	359.6	100	400.5
	Aug 2010	816	13.3	1105.95	12030	290	451.66	1714.0	332.2	100	407.2
	Sep 2010	674	11.3	1105.00	11943	-87	453.91	1709.0	270.0	100	400.7
	WY 2010	9371							3768.5		
	Oct 2010	448	7.3	1106.60	12090	147	457.02	1612.0	178.8	94	399.0
	Nov 2010	511	8.6	1107.51	12174	84	461.26	1400.4	203.8	82	398.9
	Dec 2010	526	8.6	1110.31	12435	261	460.94	1497.3	209.3	87	397.6
	Jan 2011	674	11.0	1112.85	12674	239	462.27	1307.0	275.6	76	409.1
	Feb 2011	667	12.0	1113.78	12762	87	462.26	1420.3	275.4	83	413.2
	Mar 2011	1004	16.3	1111.61	12557	-205	461.32	1406.5	416.2	82	414.4
	Apr 2011	1137	19.1	1108.31	12249	-308	458.19	1409.6	479.3	82	421.5
	May 2011	1004	16.3	1106.63	12093	-155	454.43	1614.1	406.8	94	405.2

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Davis Dam - Lake Mohave

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Davis Static Head Feet	Davis Generator Capacity MW	Davis Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Jun 2008	932	15.7	643.36	1709	-16	0.00	255.0	117.8	100	126.5
H	Jul 2008	896	14.6	641.79	1666	-43	0.00	255.0	111.7	100	124.6
I	Aug 2008	798	13.0	641.06	1646	-20	0.00	255.0	98.5	100	123.4
S	Sep 2008	698	11.7	638.80	1585	-61	0.00	255.0	86.5	100	123.9
	WY 2008	9205							1137.7		
T	Oct 2008	632	10.3	633.37	1444	-141	0.00	211.7	74.9	83	118.6
O	Nov 2008	603	10.1	635.28	1493	49	0.00	186.2	71.8	73	119.1
R	Dec 2008	339	5.5	638.77	1585	91	0.00	163.2	42.1	64	124.2
I	Jan 2009	655	10.6	641.08	1647	62	0.00	155.6	80.8	61	123.4
C	Feb 2009	629	11.3	642.29	1679	33	0.00	193.8	79.3	76	126.1
A	Mar 2009	1035	16.8	641.38	1655	-25	0.00	255.0	121.2	100	117.1
L	Apr 2009	1097	18.4	643.11	1702	47	0.00	255.0	135.7	100	123.7
*	May 2009	916	14.9	644.36	1736	34	0.00	255.0	115.6	100	126.3
	Jun 2009	838	14.1	641.00	1644	-92	135.70	255.0	105.0	100	125.3
	Jul 2009	892	14.5	641.00	1644	0	133.94	255.0	110.3	100	123.6
	Aug 2009	773	12.6	641.00	1644	0	133.94	255.0	96.1	100	124.3
	Sep 2009	733	12.3	638.00	1564	-80	132.36	255.0	90.2	100	123.0
	WY 2009	9140							1123.0		
	Oct 2009	610	9.9	633.00	1434	-130	129.25	216.8	73.4	85	120.3
	Nov 2009	517	8.7	634.00	1460	26	128.21	183.6	61.5	72	118.9
	Dec 2009	405	6.6	638.71	1583	123	131.03	188.7	49.6	74	122.4
	Jan 2010	569	9.3	641.80	1666	83	135.19	186.2	71.0	73	124.8
	Feb 2010	658	11.9	641.80	1666	0	136.23	204.0	82.4	80	125.2
	Mar 2010	943	15.3	643.05	1700	34	135.64	247.3	117.6	97	124.7
	Apr 2010	1112	18.7	643.00	1699	-2	136.07	255.0	138.1	100	124.2
	May 2010	969	15.8	643.00	1699	0	136.04	255.0	121.1	100	125.0
	Jun 2010	897	15.1	642.00	1671	-27	135.51	255.0	111.9	100	124.8
	Jul 2010	888	14.4	641.50	1658	-14	134.73	255.0	110.4	100	124.3
	Aug 2010	791	12.9	641.50	1658	0	134.46	255.0	98.5	100	124.6
	Sep 2010	751	12.6	638.00	1564	-94	132.63	255.0	92.4	100	123.1
	WY 2010	9110							1128.1		
	Oct 2010	574	9.3	633.00	1434	-130	128.65	237.2	69.1	93	120.5
	Nov 2010	468	7.9	634.00	1460	26	126.61	234.6	55.8	92	119.3
	Dec 2010	384	6.2	638.71	1583	123	129.47	239.7	47.0	94	122.5
	Jan 2011	568	9.2	641.80	1666	83	134.16	219.3	70.9	86	124.8
	Feb 2011	652	11.7	641.80	1666	0	135.05	244.8	81.7	96	125.3
	Mar 2011	944	15.3	643.05	1700	34	135.44	255.0	117.6	100	124.7
	Apr 2011	1110	18.7	643.00	1699	-2	136.07	255.0	137.9	100	124.2
	May 2011	969	15.8	643.00	1699	0	136.04	255.0	121.1	100	125.0

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Parker Dam - Lake Havasu

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Parker Static Head Feet	Parker Generator Capacity MW	Parker Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Jun 2008	691	11.6	448.62	592	-4	0.00	90.0	47.3	75	68.4
H	Jul 2008	728	11.8	447.86	577	-14	0.00	90.0	48.9	75	67.3
I	Aug 2008	635	10.3	448.54	590	13	0.00	105.6	41.9	88	66.0
S	Sep 2008	519	8.7	448.19	584	-7	0.00	91.2	38.6	76	74.3
	WY 2008	6692							453.4		
T	Oct 2008	452	7.4	446.55	553	-31	0.00	90.0	31.2	75	68.9
O	Nov 2008	379	6.4	447.54	571	18	0.00	90.0	26.2	75	69.1
R	Dec 2008	236	3.8	446.81	558	-14	0.00	85.2	15.3	71	64.7
I	Jan 2009	379	6.2	446.67	555	-3	0.00	78.0	25.9	65	68.2
C	Feb 2009	397	7.2	446.08	544	-11	0.00	90.0	27.2	75	68.5
A	Mar 2009	736	12.0	446.75	556	12	0.00	87.6	49.2	73	66.8
L	Apr 2009	784	13.2	448.75	595	38	0.00	111.6	53.8	93	68.6
*	May 2009	647	10.5	448.71	594	-1	0.00	120.0	44.9	100	69.4
	Jun 2009	629	10.6	448.50	589	-4	75.96	120.0	41.7	100	66.2
	Jul 2009	724	11.8	448.00	580	-9	75.61	120.0	47.9	100	66.2
	Aug 2009	627	10.2	447.50	571	-10	75.13	120.0	41.1	100	65.6
	Sep 2009	540	9.1	446.81	557	-13	75.95	90.0	35.8	75	66.2
	WY 2009	6531							440.0		
	Oct 2009	449	7.3	446.31	548	-9	75.37	90.0	29.2	75	65.2
	Nov 2009	361	6.1	446.50	552	3	76.73	64.8	23.8	54	65.9
	Dec 2009	292	4.7	446.50	552	0	75.32	90.0	18.5	75	63.5
	Jan 2010	342	5.6	446.50	552	0	76.35	72.0	22.3	60	65.1
	Feb 2010	458	8.3	446.50	552	0	75.38	88.8	30.1	74	65.6
	Mar 2010	718	11.7	446.70	555	4	74.01	120.0	46.6	100	65.0
	Apr 2010	823	13.8	448.71	594	38	75.09	120.0	54.4	100	66.1
	May 2010	700	11.4	448.71	594	0	76.06	120.0	46.5	100	66.5
	Jun 2010	666	11.2	448.71	594	0	76.06	120.0	44.3	100	66.4
	Jul 2010	724	11.8	448.00	580	-14	75.72	120.0	48.0	100	66.3
	Aug 2010	627	10.2	447.50	571	-10	75.13	120.0	41.1	100	65.6
	Sep 2010	540	9.1	446.81	557	-13	74.55	120.0	35.0	100	64.9
	WY 2010	6701							439.9		
	Oct 2010	449	7.3	446.31	548	-9	73.97	120.0	28.7	100	63.9
	Nov 2010	361	6.1	446.50	552	3	74.98	94.8	23.2	79	64.2
	Dec 2010	295	4.8	446.50	552	0	73.92	120.0	18.4	100	62.5
	Jan 2011	341	5.5	446.50	552	0	74.71	102.0	21.7	85	63.7
	Feb 2011	452	8.1	446.50	552	0	74.60	104.4	29.3	87	64.8
	Mar 2011	718	11.7	446.70	555	4	74.01	120.0	46.6	100	65.0
	Apr 2011	821	13.8	448.71	594	38	75.09	120.0	54.3	100	66.1
	May 2011	699	11.4	448.71	594	0	76.06	120.0	46.5	100	66.5

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Upper Basin Power

	Glen Canyon 1000 MWHR	Flam Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Res 1000 MWHR	Font Res 1000 MWHR
* Jun 2008	348	68	40	63	22	7
H Jul 2008	390	36	31	39	23	9
I Aug 2008	400	36	36	42	22	8
S Sep 2008	323	34	34	41	21	5
Summer 2008	1462	174	142	185	88	30
T Oct 2008	334	27	25	30	17	5
O Nov 2008	267	25	9	12	6	4
R Dec 2008	355	30	10	14	7	2
I Jan 2009	352	31	11	15	6	4
C Feb 2009	262	24	12	15	4	3
A Mar 2009	271	20	14	15	10	3
Winter 2009	1840	156	81	101	50	21
L Apr 2009	260	19	17	24	16	3
* May 2009	256	57	33	55	23	4
Jun 2009	264	36	61	77	22	9
Jul 2009	355	37	38	46	23	10
Aug 2009	347	37	38	45	23	9
Sep 2009	254	36	34	41	21	6
Summer 2009	1737	221	222	288	127	40
Oct 2009	262	28	23	28	15	6
Nov 2009	255	30	14	17	9	6
Dec 2009	339	31	19	23	12	6
Jan 2010	379	31	21	27	14	5
Feb 2010	335	28	18	24	12	4
Mar 2010	375	20	18	24	13	4
Winter 2010	1946	167	112	144	75	31
Apr 2010	373	18	18	27	15	5
May 2010	416	37	20	34	22	7
Jun 2010	457	72	21	32	22	9
Jul 2010	505	41	33	41	22	10
Aug 2010	480	41	38	45	23	10
Sep 2010	253	40	35	42	21	6
Summer 2010	2485	249	165	221	126	46
Oct 2010	261	41	24	29	15	6
Nov 2010	255	40	14	18	10	6
Dec 2010	339	41	21	27	14	6
Jan 2011	358	41	21	27	14	5
Feb 2011	283	37	18	24	12	5
Mar 2011	314	41	18	24	13	5
Winter 2011	1809	241	116	149	77	33
Apr 2011	334	40	18	27	15	5
May 2011	357	51	18	32	21	7

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F L O O D C O N T R O L C R I T E R I A
B E G I N N I N G O F M O N T H C O N D I T I O N S

MON	YEAR	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	LAKE POWELL KAF	UPPER BASIN TOTAL KAF	LAKE MEAD KAF	TOTAL KAF	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	TOT OR MAX ALLOW KAF	LAKE POWELL KAF	LAKE MEAD KAF	TOTAL KAF	BOM SPACE REQD KAF	MEAD SCHED REL KAF	MEAD FC REL KAF	SYS CONT MAF
		* * * * P R E D I C T E D S P A C E * * * *							* * * * E F F E C T I V E S P A C E * * * *									
JUN	2009	872	53	181	9569	10674	16163	26837	311	24	69	403	9569	16163	26135	1500	774	0	35.3
JUL	2009	643	12	187	8326	9168	16365	25532	64	-21	31	73	8326	16365	24764	1500	915	0	35.3
									* * * * C R E D I T A B L E S P A C E * * * *										
AUG	2009	596	27	203	8152	8978	16486	25464	596	27	203	826	8152	16486	25464	1500	798	0	35.0
SEP	2009	641	86	228	8362	9317	16474	25791	641	86	228	955	8362	16474	25791	2270	670	0	34.6
OCT	2009	703	157	243	8424	9527	16558	26085	703	157	243	1102	8424	16558	26085	3040	485	0	34.4
NOV	2009	734	197	240	8522	9693	16447	26141	734	197	240	1171	8522	16447	26141	3810	561	0	34.3
DEC	2009	768	212	241	8587	9807	16411	26219	768	212	241	1220	8587	16411	26219	4580	548	0	34.3
JAN	2010	817	248	251	8884	10200	16172	26372	817	248	251	1316	8884	16172	26372	5350	674	0	34.1
									* * * * E F F E C T I V E S P A C E * * * *										
JAN	2010	817	248	251	8884	10200	16172	26372	540	248	145	933	8884	16172	25989	5350	674	0	34.1
FEB	2010	863	295	263	9288	10709	15885	26594	584	295	156	1035	9288	15885	26208	1500	673	0	33.9
MAR	2010	896	334	263	9619	11112	15685	26797	614	334	156	1104	9619	15685	26407	1500	1004	0	33.6
APR	2010	855	361	249	9931	11396	15747	27142	567	361	136	1064	9931	15747	26741	1500	1139	0	33.5
MAY	2010	770	353	179	10080	11383	15961	27343	474	353	47	874	10080	15961	26915	1500	1004	0	34.5
JUN	2010	619	220	198	9339	10376	15976	26352	311	217	34	562	9339	15976	25877	1500	897	0	36.1
JUL	2010	432	42	260	8121	8854	15865	24720	107	15	48	170	8121	15865	24156	1500	898	0	36.4
									* * * * C R E D I T A B L E S P A C E * * * *										
AUG	2010	343	27	262	8123	8755	15640	24395	343	27	262	632	8123	15640	24395	1500	816	0	36.1
SEP	2010	373	77	272	8596	9318	15350	24668	373	77	272	722	8596	15350	24668	2270	674	0	35.7
OCT	2010	435	147	271	8639	9491	15437	24928	435	147	271	852	8639	15437	24928	3040	448	0	35.6
NOV	2010	495	186	266	8691	9638	15290	24928	495	186	266	948	8691	15290	24928	3810	511	0	35.6
DEC	2010	555	203	267	8728	9752	15206	24958	555	203	267	1025	8728	15206	24958	4580	526	0	35.6
JAN	2011	631	248	276	8989	10145	14945	25090	631	248	276	1156	8989	14945	25090	5350	674	0	35.4
									* * * * E F F E C T I V E S P A C E * * * *										
JAN	2011	631	248	276	8989	10145	14945	25090	331	248	217	796	8989	14945	24731	5350	674	0	35.4
FEB	2011	704	295	286	9322	10607	14706	25313	402	295	227	924	9322	14706	24952	1500	667	0	35.2
MAR	2011	762	334	285	9513	10894	14618	25513	458	334	225	1017	9513	14618	25149	1500	1004	0	34.9
APR	2011	774	361	239	9663	11038	14823	25861	467	361	172	1001	9663	14823	25487	1500	1137	0	34.7
MAY	2011	747	353	143	9689	10932	15131	26063	434	353	57	844	9689	15131	25664	1500	1004	0	35.7

To: All Annual Operating Plan Recipients

From: Lower Colorado Region
Boulder Canyon Operations Office
River Operations Group
Bruce Williams
P.O. Box 61470
Boulder City, NV 89006-1470
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The operation of Lake Powell and Lake Mead in this August 2009 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines), and reflects the 2009 Annual Operating Plan (AOP). Pursuant to the Interim Guidelines, the August 24-Month Study projections of the January 1 system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead. If the operating tier for the year is the Upper Elevation Balancing Tier, an adjustment may be made in April based on the April 24-Month Study projection of the September 30 system storage and reservoir water surface elevations.

The Upper Elevation Balancing Tier is the operational tier for water year 2009 for Glen Canyon Dam. The Intentionally Created Surplus (ICS) Surplus condition is the criterion governing the operation of Lake Mead for calendar year 2009.

The April 24-Month Study projected the end of water year elevation at Lake Powell to be below the 2009 Equalization Elevation of 3639 feet and the projected end of water year elevation at Lake Mead to be above elevation 1075 feet. Pursuant to Sections 6.B.1. and 6.B.4. of the Interim Guidelines, the annual release volume will be 8.23 million acre-feet from Glen Canyon Dam during water year 2009 which is reflected in this August 24-Month Study.

This 24-Month Study currently projects Lake Powell's 2010 end of water year elevation to be above the 2010 Equalization Elevation of 3642 feet under an 8.23 maf release. Pursuant to the Interim Guidelines, an April 2010 adjustment is projected such that operating tier at Lake Powell would shift to the Equalization Tier during 2010. Based on analysis of inflow scenarios, currently the probability of an April adjustment in 2010 is approximately 70 percent.

The Interim Guidelines are available for download at http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf. The 2009 AOP is available for download at http://www.usbr.gov/uc/water/rsvrs/ops/aop/AOP09_final.pdf.

Current runoff projections into Lake Powell are provided by the National Weather Service's Colorado Basin River Forecast Center and are as follows: Observed unregulated inflow into Lake Powell for the month of July 2009 was 1.401 maf or 90% of the 30 year average. The forecast for August 2009 unregulated inflow into Lake Powell is 0.550 maf or 90% of the 30 year average. The observed April through July unregulated inflow is 7.814 maf or 99% of average.

In this study, the Calendar Year (CY) 2009 diversion for Metropolitan Water District of Southern California (MWD) is forecasted to be 1.043 maf. The CY 2009 diversion for the Central Arizona Project (CAP) is forecasted to be 1.563 maf. Consumptive use for Nevada above Hoover is forecasted to be 0.318 maf for CY 2009.

Due to declining Lake Mead elevations, Hoover's generator capacity is adjusted based on estimated effective capacity and plant availability. The estimated effective capacity is based on projected Lake Mead elevations. Unit capacity tests will be performed as the lake elevation changes in 2-foot increments. This study reflects these changes in the projections.

Hoover, Davis, and Parker historical gross energy figures come from PO&M reports provided by the Power and O&M Group, Boulder Canyon Operations Office, Bureau of Reclamation, Boulder City, Nevada. Questions regarding these historical energy numbers can be directed to Larry Karr at (702) 293-8094.

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T E M R E S E R V O I R S

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Fontenelle Reservoir

	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
* Aug 2008	47	2	91	0	91	6497.83	283
H Sep 2008	36	2	63	0	63	6493.80	254
WY 2008	837	14	712	44	756		
I Oct 2008	43	1	65	0	65	6490.51	231
S Nov 2008	41	1	48	13	61	6487.43	211
T Dec 2008	30	1	26	35	60	6482.26	180
O Jan 2009	33	1	61	0	61	6476.93	151
R Feb 2009	27	0	53	0	53	6471.15	124
I Mar 2009	46	0	59	0	59	6467.98	111
C Apr 2009	91	1	57	0	57	6475.63	145
A May 2009	152	1	62	1	64	6490.46	231
L Jun 2009	477	3	91	285	376	6504.01	330
* Jul 2009	247	3	88	145	233	6505.36	341
Aug 2009	90	2	94	0	94	6504.54	334
Sep 2009	55	2	73	0	73	6501.97	314
WY 2009	1330	15	776	480	1255		
Oct 2009	53	1	13	62	76	6498.82	290
Nov 2009	43	1	0	73	73	6494.55	259
Dec 2009	37	1	76	0	76	6488.70	220
Jan 2010	33	1	76	0	76	6481.75	177
Feb 2010	32	1	68	0	68	6474.61	140
Mar 2010	49	0	76	0	76	6468.46	113
Apr 2010	93	1	86	0	86	6469.93	119
May 2010	185	1	100	2	101	6485.83	201
Jun 2010	320	2	104	117	220	6499.96	299
Jul 2010	180	3	101	32	132	6505.75	344
Aug 2010	80	2	100	5	105	6502.34	317
Sep 2010	53	2	39	29	68	6500.09	300
WY 2010	1158	15	838	319	1157		
Oct 2010	49	1	54	16	71	6496.93	276
Nov 2010	41	1	68	0	68	6493.03	249
Dec 2010	32	1	71	0	71	6487.11	209
Jan 2011	30	1	71	0	71	6480.26	168
Feb 2011	28	0	64	0	64	6472.85	132
Mar 2011	52	0	71	0	71	6468.30	112
Apr 2011	89	1	83	0	83	6469.61	117
May 2011	176	1	99	5	105	6483.66	188
Jun 2011	307	2	103	90	193	6500.05	299
Jul 2011	185	3	101	38	138	6505.73	344

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Flaming Gorge Reservoir

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Yampa Flow 1000 Ac-Ft	Jensen Flow 1000 Ac-Ft
*	Aug 2008	48	92	12	92	0	92	85	6022.11	3055	29	132
H	Sep 2008	40	67	10	89	0	89	84	6021.25	3024	22	126
	WY 2008	1018	937	75	893	10	902					3017
I	Oct 2008	45	67	7	71	0	71	83	6020.97	3014	21	119
S	Nov 2008	47	66	3	65	0	65	83	6020.91	3012	0	107
T	Dec 2008	17	48	2	79	0	79	82	6020.01	2980	0	116
O	Jan 2009	39	67	2	80	0	80	82	6019.63	2967	0	752
R	Feb 2009	37	64	2	62	0	62	82	6019.63	2967	0	104
I	Mar 2009	62	75	3	52	0	52	82	6020.18	2986	0	140
C	Apr 2009	127	93	5	50	0	50	84	6021.21	3023	0	312
A	May 2009	212	125	7	150	0	150	83	6020.33	2991	758	883
L	Jun 2009	573	472	10	96	0	96	97	6029.83	3342	517	624
*	Jul 2009	284	271	14	117	0	117	102	6033.29	3478	110	247
	Aug 2009	95	99	13	125	0	125	101	6032.36	3441	0	125
	Sep 2009	60	78	11	120	0	120	98	6031.04	3389	0	120
	WY 2009	1600	1525	79	1066	0	1066					3649
	Oct 2009	58	81	7	111	0	111	97	6030.11	3353	0	111
	Nov 2009	50	80	4	106	0	106	96	6029.38	3325	0	106
	Dec 2009	45	84	2	109	0	109	95	6028.70	3299	0	109
	Jan 2010	40	83	2	113	0	113	94	6027.89	3268	0	113
	Feb 2010	40	76	2	99	0	99	93	6027.27	3245	0	99
	Mar 2010	72	99	3	109	0	109	92	6026.92	3232	0	109
	Apr 2010	120	113	5	106	0	106	92	6027.00	3235	0	106
	May 2010	230	146	8	154	0	154	92	6026.61	3220	0	154
	Jun 2010	375	275	10	182	0	182	95	6028.71	3300	0	182
	Jul 2010	195	147	14	101	0	101	96	6029.52	3331	0	101
	Aug 2010	88	113	13	101	0	101	96	6029.48	3329	0	101
	Sep 2010	60	75	11	98	0	98	95	6028.63	3296	0	98
	WY 2010	1373	1372	80	1389	0	1389					1389
	Oct 2010	59	81	7	101	0	101	94	6027.92	3270	0	101
	Nov 2010	51	78	3	98	0	98	93	6027.32	3247	0	98
	Dec 2010	36	75	2	101	0	101	92	6026.59	3219	0	101
	Jan 2011	41	81	2	105	0	105	91	6025.93	3195	0	105
	Feb 2011	45	82	2	92	0	92	90	6025.62	3183	0	92
	Mar 2011	103	123	3	101	0	101	91	6026.09	3201	0	101
	Apr 2011	142	136	5	98	0	98	92	6026.93	3232	0	98
	May 2011	263	192	8	143	0	143	94	6027.98	3272	0	143
	Jun 2011	400	286	10	186	0	186	97	6030.22	3358	0	186
	Jul 2011	219	172	14	112	0	112	99	6031.37	3402	0	112

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Taylor Park Reservoir

		Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Aug 2008	12	23	9315.69	79
H	Sep 2008	8	15	9311.36	72
	WY 2008	184	189		
I	Oct 2008	7	7	9311.31	72
S	Nov 2008	5	5	9311.19	72
T	Dec 2008	5	5	9311.34	72
O	Jan 2009	5	5	9311.21	72
R	Feb 2009	4	5	9310.95	71
I	Mar 2009	4	5	9310.68	71
C	Apr 2009	11	5	9314.31	77
A	May 2009	46	20	9328.38	103
L	Jun 2009	37	35	9329.45	105
*	Jul 2009	16	26	9324.35	95
	Aug 2009	8	21	9317.26	82
	Sep 2009	8	16	9312.60	74
	WY 2009	156	154		
	Oct 2009	7	10	9310.76	71
	Nov 2009	6	6	9310.76	71
	Dec 2009	5	6	9310.13	70
	Jan 2010	5	6	9309.50	69
	Feb 2010	4	6	9308.22	67
	Mar 2010	4	6	9306.92	65
	Apr 2010	8	8	9306.92	65
	May 2010	27	18	9312.60	74
	Jun 2010	43	20	9325.41	97
	Jul 2010	17	22	9322.79	92
	Aug 2010	9	22	9315.57	79
	Sep 2010	7	15	9310.76	71
	WY 2010	142	145		
	Oct 2010	6	10	9308.32	67
	Nov 2010	5	6	9307.63	66
	Dec 2010	4	6	9306.64	65
	Jan 2011	4	6	9305.43	63
	Feb 2011	4	6	9303.87	61
	Mar 2011	4	6	9302.65	59
	Apr 2011	8	8	9302.88	59
	May 2011	27	16	9310.28	70
	Jun 2011	43	20	9323.39	93
	Jul 2011	20	22	9322.55	92

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Blue Mesa Reservoir

	Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir elevation EOM Feet	Live Storage 1000 Ac-Ft
* Aug 2008	70	82	1	119	0	119	7507.44	724
H Sep 2008	35	42	1	115	0	115	7498.61	650
WY 2008	1271	1277	8	1235	70	1305		
I Oct 2008	33	33	1	85	0	85	7492.14	598
S Nov 2008	27	28	0	33	0	33	7491.42	592
T Dec 2008	28	27	0	36	0	36	7490.25	583
O Jan 2009	26	27	0	39	0	39	7488.62	571
R Feb 2009	24	24	0	42	0	42	7486.19	552
I Mar 2009	40	40	0	49	0	49	7484.97	543
C Apr 2009	104	99	1	61	0	61	7489.84	580
A May 2009	344	317	1	110	10	120	7513.48	776
L Jun 2009	229	227	1	172	3	175	7519.02	826
* Jul 2009	95	105	2	144	0	144	7514.49	785
Aug 2009	49	62	1	119	0	119	7507.84	727
Sep 2009	42	50	1	94	0	94	7502.54	682
WY 2009	1041	1039	9	984	13	997		
Oct 2009	41	44	1	58	0	58	7500.78	668
Nov 2009	33	33	0	29	0	29	7501.24	672
Dec 2009	29	30	0	120	0	120	7490.00	581
Jan 2010	26	27	0	98	0	98	7480.58	510
Feb 2010	22	24	0	55	0	55	7476.24	479
Mar 2010	33	35	0	40	0	40	7475.48	474
Apr 2010	77	77	1	42	0	42	7480.27	508
May 2010	210	201	1	64	0	64	7497.87	644
Jun 2010	265	242	1	68	0	68	7517.90	816
Jul 2010	96	101	2	113	0	113	7516.40	802
Aug 2010	52	65	1	121	0	121	7509.94	745
Sep 2010	41	49	1	105	0	105	7503.25	688
WY 2010	925	928	9	913	0	913		
Oct 2010	36	39	1	58	0	58	7500.95	669
Nov 2010	31	32	0	29	0	29	7501.30	672
Dec 2010	25	27	0	117	0	117	7490.00	581
Jan 2011	24	26	0	92	0	92	7481.30	516
Feb 2011	22	24	0	60	0	60	7476.32	480
Mar 2011	34	36	0	43	0	43	7475.26	472
Apr 2011	73	73	1	54	0	54	7477.76	490
May 2011	212	201	1	74	0	74	7494.36	616
Jun 2011	271	248	1	71	0	71	7515.22	792
Jul 2011	121	122	2	110	0	110	7516.40	803

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Morrow Point Reservoir

		Unreg Inflow 1000 Ac-Ft	Blue_Mesa Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Evap losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Aug 2008	71	119	0	120	0	117	0	117	7156.11	114
H	Sep 2008	35	115	0	115	0	115	0	115	7155.78	114
	WY 2008	1351	1305	79	1385	1	1358	27	1385		
I	Oct 2008	33	85	0	85	0	86	0	86	7153.95	112
S	Nov 2008	29	33	2	35	0	35	0	35	7153.60	112
T	Dec 2008	29	36	2	38	0	39	0	39	7152.11	111
O	Jan 2009	28	39	1	40	0	43	0	43	7148.12	108
R	Feb 2009	24	42	1	43	0	45	0	45	7145.98	106
I	Mar 2009	42	49	2	51	0	43	6	49	7147.72	107
C	Apr 2009	119	61	14	75	0	69	0	69	7155.78	114
A	May 2009	377	120	34	154	0	153	2	155	7154.23	112
L	Jun 2009	241	175	12	188	0	184	0	184	7158.19	116
*	Jul 2009	97	144	2	146	0	148	0	148	7155.33	113
	Aug 2009	52	119	3	122	0	123	0	123	7153.73	112
	Sep 2009	45	94	3	97	0	97	0	97	7153.73	112
	WY 2009	1116	997	75	1073	1	1065	8	1074		
	Oct 2009	44	58	3	61	0	61	0	61	7153.73	112
	Nov 2009	35	29	2	31	0	31	0	31	7153.73	112
	Dec 2009	31	120	2	122	0	122	0	122	7153.73	112
	Jan 2010	28	98	2	100	0	100	0	100	7153.73	112
	Feb 2010	24	55	2	57	0	57	0	57	7153.73	112
	Mar 2010	36	40	3	43	0	43	0	43	7153.73	112
	Apr 2010	91	42	14	56	0	56	0	56	7153.73	112
	May 2010	235	64	25	89	0	89	0	89	7153.73	112
	Jun 2010	285	68	20	88	0	88	0	88	7153.73	112
	Jul 2010	105	113	9	122	0	122	0	122	7153.73	112
	Aug 2010	56	121	4	125	0	125	0	125	7153.73	112
	Sep 2010	45	105	4	109	0	109	0	109	7153.73	112
	WY 2010	1015	913	90	1003	0	1003	0	1003		
	Oct 2010	38	58	3	61	0	61	0	61	7153.73	112
	Nov 2010	33	29	2	31	0	31	0	31	7153.73	112
	Dec 2010	27	117	2	119	0	119	0	119	7153.73	112
	Jan 2011	26	92	2	94	0	94	0	94	7153.73	112
	Feb 2011	25	60	3	63	0	63	0	63	7153.73	112
	Mar 2011	38	43	4	47	0	47	0	47	7153.73	112
	Apr 2011	84	54	11	65	0	65	0	65	7153.73	112
	May 2011	237	74	25	99	0	99	0	99	7153.73	112
	Jun 2011	292	71	21	92	0	92	0	92	7153.73	112
	Jul 2011	127	110	7	117	0	117	0	117	7153.73	112

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Crystal Reservoir

	unreg Inflow 1000 Ac-Ft	Morrow Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Tunnel Flow 1000 Ac-Ft	Below_tunnel Flow 1000 Ac-Ft
* Aug 2008	75	117	5	122	123	0	123	6742.41	14	66	66
H Sep 2008	38	115	3	118	118	0	118	6741.71	14	61	63
WY 2008	1520	1385	169	1554	1164	392	1555			356	1283
I Oct 2008	36	86	3	89	89	0	89	6744.34	15	55	45
S Nov 2008	33	35	4	38	39	0	39	6742.20	14	1	40
T Dec 2008	32	39	3	42	42	0	42	6742.53	14	1	43
O Jan 2009	31	43	4	47	38	9	47	6741.02	14	1	49
R Feb 2009	28	45	3	48	24	20	45	6752.05	17	1	46
I Mar 2009	47	49	5	55	55	0	55	6751.30	16	9	47
C Apr 2009	130	69	12	81	80	0	80	6752.70	17	35	48
A May 2009	431	155	53	208	120	88	208	6752.57	17	55	160
L Jun 2009	264	184	23	207	116	91	207	6753.30	17	58	160
* Jul 2009	104	148	7	156	128	30	158	6743.22	14	71	101
Aug 2009	59	123	7	130	127	0	127	6753.04	17	65	62
Sep 2009	52	97	7	104	104	0	104	6753.04	17	55	49
WY 2009	1247	1074	131	1205	963	238	1201			405	850
Oct 2009	50	61	6	67	67	0	67	6753.04	17	30	37
Nov 2009	40	31	5	36	36	0	36	6753.04	17	0	36
Dec 2009	35	122	4	126	126	0	126	6753.04	17	0	126
Jan 2010	31	100	3	103	103	0	103	6753.04	17	0	103
Feb 2010	27	57	3	60	60	0	60	6753.04	17	0	60
Mar 2010	41	43	5	48	48	0	48	6753.04	17	5	43
Apr 2010	107	56	16	72	72	0	72	6753.04	17	30	42
May 2010	280	89	45	134	134	0	134	6753.04	17	55	79
Jun 2010	320	88	35	123	123	0	123	6753.04	17	60	63
Jul 2010	117	122	12	134	134	0	134	6753.04	17	65	69
Aug 2010	65	125	9	134	134	0	134	6753.04	17	65	69
Sep 2010	52	109	7	116	116	0	116	6753.04	17	55	61
WY 2010	1165	1003	150	1153	1153	0	1153			365	788
Oct 2010	44	61	6	67	67	0	67	6753.04	17	30	37
Nov 2010	38	31	5	36	36	0	36	6753.04	17	0	36
Dec 2010	32	119	5	124	124	0	124	6753.04	17	0	124
Jan 2011	31	94	5	99	99	0	99	6753.04	17	0	99
Feb 2011	29	63	4	67	67	0	67	6753.04	17	0	67
Mar 2011	46	47	7	54	54	0	54	6753.04	17	5	49
Apr 2011	96	65	12	78	78	0	78	6753.04	17	30	48
May 2011	272	99	35	134	134	0	134	6753.04	17	55	79
Jun 2011	330	92	38	130	130	0	130	6753.04	17	60	70
Jul 2011	144	117	17	134	134	0	134	6753.04	17	65	69

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Vallecito Reservoir

		Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Aug 2008	15	38	7651.24	90
H	Sep 2008	11	31	7642.57	70
	WY 2008	309	319		
I	Oct 2008	9	14	7640.18	65
S	Nov 2008	5	2	7641.75	68
T	Dec 2008	5	2	7643.06	71
O	Jan 2009	5	2	7644.39	74
R	Feb 2009	5	2	7645.61	77
I	Mar 2009	8	4	7647.33	81
C	Apr 2009	22	10	7652.11	92
A	May 2009	98	66	7664.50	124
L	Jun 2009	44	43	7664.64	124
*	Jul 2009	19	39	7656.79	104
	Aug 2009	13	38	7646.34	78
	Sep 2009	13	28	7639.41	63
	WY 2009	247	251		
	Oct 2009	11	18	7635.90	56
	Nov 2009	8	6	7636.60	57
	Dec 2009	5	3	7637.75	60
	Jan 2010	5	3	7638.64	61
	Feb 2010	4	3	7639.17	63
	Mar 2010	7	3	7640.92	66
	Apr 2010	21	12	7644.86	75
	May 2010	72	40	7657.85	107
	Jun 2010	79	60	7664.96	125
	Jul 2010	28	43	7659.08	110
	Aug 2010	18	42	7649.27	85
	Sep 2010	17	32	7642.60	70
	WY 2010	275	265		
	Oct 2010	14	19	7640.06	64
	Nov 2010	8	7	7640.66	66
	Dec 2010	6	5	7641.11	67
	Jan 2011	5	5	7641.34	67
	Feb 2011	5	4	7641.48	67
	Mar 2011	8	5	7642.98	71
	Apr 2011	22	13	7646.83	79
	May 2011	69	43	7657.43	105
	Jun 2011	78	63	7662.79	119
	Jul 2011	31	43	7657.94	107

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Navajo Reservoir

	Mod_Unreg Inflow 1000 Ac-Ft	Azetea Tunnel_Div 1000 Ac-Ft	Reg Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	NIIP Diversion 1000 ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Farm Flow 1000 Ac-Ft
* Aug 2008	31	3	52	4	36	40	6059.46	1345	58
H Sep 2008	31	2	48	3	22	45	6057.74	1318	57
WY 2008	1355	146	1219	28	206	1185			1887
I Oct 2008	28	0	34	2	11	32	6056.83	1308	45
S Nov 2008	21	0	17	1	0	30	6055.68	1294	47
T Dec 2008	19	0	16	1	0	31	6054.38	1277	48
O Jan 2009	23	0	20	1	1	32	6053.29	1264	54
R Feb 2009	28	1	24	1	0	28	6052.85	1260	50
I Mar 2009	76	6	65	2	5	31	6055.13	1288	61
C Apr 2009	125	19	97	2	19	30	6058.76	1337	69
A May 2009	361	52	275	4	29	59	6072.47	1515	251
L Jun 2009	146	24	120	5	36	115	6069.92	1479	184
* Jul 2009	30	4	45	5	43	54	6065.70	1422	77
Aug 2009	31	2	54	4	35	50	6063.07	1387	50
Sep 2009	37	1	51	3	20	33	6062.70	1383	33
WY 2009	925	109	819	28	200	527			969
Oct 2009	36	2	41	2	7	31	6062.83	1384	31
Nov 2009	33	0	31	1	0	30	6062.86	1385	30
Dec 2009	24	0	21	1	0	31	6062.09	1375	31
Jan 2010	23	0	21	1	0	31	6061.28	1364	31
Feb 2010	27	0	26	1	0	28	6061.05	1361	28
Mar 2010	83	2	77	2	4	31	6064.19	1402	31
Apr 2010	156	16	131	3	16	34	6070.01	1481	34
May 2010	280	33	215	4	28	200	6068.75	1463	200
Jun 2010	240	29	192	4	43	212	6063.66	1395	212
Jul 2010	66	7	74	5	46	31	6063.10	1388	31
Aug 2010	41	3	62	4	39	31	6062.27	1377	31
Sep 2010	41	1	55	3	22	30	6062.31	1377	30
WY 2010	1050	93	947	28	205	718			718
Oct 2010	40	0	46	2	7	31	6062.76	1383	31
Nov 2010	33	0	32	1	1	30	6062.73	1383	30
Dec 2010	24	0	23	1	1	31	6061.98	1373	31
Jan 2011	22	0	21	1	0	31	6061.19	1363	31
Feb 2011	30	0	30	1	0	28	6061.27	1364	28
Mar 2011	88	2	83	2	4	31	6064.84	1411	31
Apr 2011	174	16	149	3	16	34	6071.89	1507	34
May 2011	279	33	219	4	28	200	6070.94	1494	200
Jun 2011	246	29	203	5	43	212	6066.75	1436	212
Jul 2011	74	7	79	5	46	31	6066.59	1434	31

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Lake Powell

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	PowerPlant Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Bank Storage 1000 Ac-Ft	EOM Storage 1000 Ac-Ft	Lees Ferry 1000 Ac-Ft
*	Aug 2008	489	596	62	890	0	890	3629.55	17353	14803	914
H	Sep 2008	390	555	56	723	0	723	3626.90	17423	14509	738
	WY 2008	12344	12417	396	8885	93	8978				9164
I	Oct 2008	382	498	38	749	0	749	3623.82	17470	14172	762
S	Nov 2008	419	455	36	603	0	603	3621.90	17493	13966	612
T	Dec 2008	312	386	28	801	0	801	3617.89	17478	13541	818
O	Jan 2009	329	394	9	802	0	802	3614.17	17444	13155	822
R	Feb 2009	323	377	9	602	0	602	3612.05	17426	12938	612
I	Mar 2009	470	445	16	626	0	626	3610.43	17393	12774	632
C	Apr 2009	788	669	25	604	0	604	3611.26	17350	12858	611
A	May 2009	2921	2446	31	582	0	582	3629.09	17297	14751	586
L	Jun 2009	2701	2217	54	662	0	662	3640.49	17498	16061	670
*	Jul 2009	1400	1225	67	803	0	803	3641.14	17759	16138	828
	Aug 2009	550	704	57	801	0	801	3639.94	17748	15995	801
	Sep 2009	450	579	49	595	0	595	3639.43	17743	15936	595
	WY 2009	11045	10395	418	8230	0	8230				8351
	Oct 2009	500	573	44	615	0	615	3638.75	17737	15856	615
	Nov 2009	475	524	36	690	0	690	3637.14	17722	15668	690
	Dec 2009	425	587	30	855	0	855	3634.76	17700	15392	855
	Jan 2010	375	528	23	955	0	955	3631.10	17666	14976	955
	Feb 2010	375	468	21	800	0	800	3628.17	17640	14649	800
	Mar 2010	650	648	26	900	0	900	3625.83	17619	14391	900
	Apr 2010	1000	860	29	1000	0	1000	3624.40	17607	14235	1000
	May 2010	2300	2059	40	1000	0	1000	3632.89	17682	15179	1000
	Jun 2010	2800	2455	48	1032	0	1032	3643.77	17784	16452	1032
	Jul 2010	1150	1091	56	1050	0	1050	3643.65	17783	16439	1050
	Aug 2010	500	614	57	1000	0	1000	3640.21	17750	16028	1000
	Sep 2010	450	564	49	595	0	595	3639.58	17744	15954	595
	WY 2010	11000	10970	459	10492	0	10492				10492
	Oct 2010	514	577	44	615	0	615	3638.93	17738	15877	615
	Nov 2010	523	567	37	600	0	600	3638.38	17733	15813	600
	Dec 2010	414	579	30	800	0	800	3636.38	17715	15580	800
	Jan 2011	384	525	23	1000	0	1000	3632.36	17678	15119	1000
	Feb 2011	394	476	21	800	0	800	3629.53	17652	14800	800
	Mar 2011	628	583	26	800	0	800	3627.50	17634	14575	800
	Apr 2011	950	780	29	801	0	801	3627.08	17630	14528	801
	May 2011	2161	1886	40	1000	0	1000	3634.05	17693	15311	1000
	Jun 2011	2811	2435	48	1000	0	1000	3644.95	17796	16595	1000
	Jul 2011	1346	1238	57	1000	0	1000	3646.32	17809	16762	1000

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Hoover Dam - Lake Mead

		Glen Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release CFS	SNWP Use 1000 Ac-Ft	Dwnstrm Reqmnts 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
*	Aug 2008	890	95	78	804	13.1	34	789	777	1105.13	11955
H	Sep 2008	723	77	64	652	11.0	22	642	781	1105.76	12013
	WY 2008	8978	912	606	9531		278	9468			
I	Oct 2008	749	47	47	508	8.3	26	498	794	1107.94	12213
S	Nov 2008	603	74	47	675	11.3	15	659	790	1107.33	12157
T	Dec 2008	801	62	41	453	7.4	8	432	812	1110.97	12496
O	Jan 2009	802	63	34	741	12.1	9	739	817	1111.78	12572
R	Feb 2009	602	82	31	679	12.2	9	669	815	1111.43	12539
I	Mar 2009	626	62	34	1037	16.9	17	1036	791	1107.40	12164
C	Apr 2009	604	36	42	1174	19.7	20	1169	754	1101.26	11604
A	May 2009	582	63	47	977	15.9	33	968	729	1096.92	11217
L	Jun 2009	662	13	56	750	12.6	25	748	720	1095.26	11071
*	Jul 2009	803	39	70	840	13.7	31	838	714	1094.20	10978
	Aug 2009	801	110	74	749	12.2	39	749	717	1094.73	11025
	Sep 2009	595	78	61	642	10.8	34	642	713	1094.05	10965
	WY 2009	8230	729	586	9225		264	9147			
	Oct 2009	615	73	45	510	8.3	43	510	718	1095.02	11050
	Nov 2009	690	73	45	602	10.1	32	602	723	1095.93	11129
	Dec 2009	855	65	39	615	10.0	26	615	738	1098.47	11354
	Jan 2010	955	131	32	675	11.0	19	675	760	1102.24	11692
	Feb 2010	800	134	30	673	12.1	18	673	773	1104.44	11892
	Mar 2010	900	96	34	1004	16.3	26	1004	769	1103.74	11829
	Apr 2010	1000	75	42	1139	19.1	24	1139	761	1102.41	11707
	May 2010	1000	70	48	1004	16.3	33	1004	760	1102.24	11693
	Jun 2010	1032	24	58	897	15.1	31	897	764	1102.97	11759
	Jul 2010	1050	61	73	898	14.6	33	898	771	1104.09	11860
	Aug 2010	1000	110	78	816	13.3	34	816	782	1105.96	12031
	Sep 2010	595	78	64	673	11.3	29	673	776	1105.00	11944
	WY 2010	10492	990	587	9505		347	9505			
	Oct 2010	615	73	47	448	7.3	38	448	786	1106.59	12089
	Nov 2010	600	73	47	511	8.6	26	511	791	1107.49	12172
	Dec 2010	800	65	41	526	8.6	20	526	808	1110.29	12433
	Jan 2011	1000	131	34	674	11.0	20	674	833	1114.31	12812
	Feb 2011	800	134	32	667	12.0	19	667	846	1116.44	13016
	Mar 2011	800	96	35	1004	16.3	27	1004	836	1114.77	12856
	Apr 2011	801	75	44	1137	19.1	24	1137	816	1111.51	12547
	May 2011	1000	70	50	1004	16.3	33	1004	814	1111.33	12531
	Jun 2011	1000	24	60	894	15.0	31	894	817	1111.72	12567
	Jul 2011	1000	61	75	896	14.6	33	896	820	1112.29	12621

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Davis Dam - Lake Mohave

		Hoover Release 1000 Ac-Ft	Side inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Spill Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release CFS	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
*	Aug 2008	804	-26	798	0	798	13.0	641.06	1646
H	Sep 2008	652	-15	698	0	698	11.7	638.80	1585
	WY 2008	9531	-285	9205	0	9205			
I	Oct 2008	508	-18	632	0	632	10.3	633.37	1444
S	Nov 2008	675	-23	603	0	603	10.1	635.28	1493
T	Dec 2008	453	-23	339	0	339	5.5	638.77	1585
O	Jan 2009	741	-25	655	0	655	10.6	641.08	1647
R	Feb 2009	679	-18	629	0	629	11.3	642.29	1679
I	Mar 2009	1037	-27	1035	0	1035	16.8	641.38	1655
C	Apr 2009	1174	-30	1097	0	1097	18.4	643.11	1702
A	May 2009	977	-28	916	0	916	14.9	644.36	1736
L	Jun 2009	750	-28	788	0	788	13.2	641.92	1669
*	Jul 2009	840	-20	835	0	835	13.6	641.37	1654
	Aug 2009	749	-25	734	0	734	11.9	641.00	1644
	Sep 2009	642	-17	732	0	732	12.3	637.00	1538
	WY 2009	9225	-281	8992	0	8992			
	Oct 2009	510	-4	609	0	609	9.9	633.00	1434
	Nov 2009	602	-18	558	0	558	9.4	634.00	1460
	Dec 2009	615	-20	473	0	473	7.7	638.71	1583
	Jan 2010	675	-22	569	0	569	9.3	641.80	1666
	Feb 2010	673	-15	659	0	659	11.9	641.80	1666
	Mar 2010	1004	-26	943	0	943	15.3	643.05	1700
	Apr 2010	1139	-28	1112	0	1112	18.7	643.00	1699
	May 2010	1004	-35	969	0	969	15.8	643.00	1699
	Jun 2010	897	-27	897	0	897	15.1	642.00	1671
	Jul 2010	898	-23	888	0	888	14.4	641.50	1658
	Aug 2010	816	-25	791	0	791	12.9	641.50	1658
	Sep 2010	673	-17	750	0	750	12.6	638.00	1564
	WY 2010	9505	-260	9219	0	9219			
	Oct 2010	448	-4	574	0	574	9.3	633.00	1434
	Nov 2010	511	-18	467	0	467	7.9	634.00	1460
	Dec 2010	526	-20	384	0	384	6.2	638.71	1583
	Jan 2011	674	-22	568	0	568	9.2	641.80	1666
	Feb 2011	667	-15	652	0	652	11.7	641.80	1666
	Mar 2011	1004	-26	944	0	944	15.3	643.05	1700
	Apr 2011	1137	-28	1111	0	1111	18.7	643.00	1699
	May 2011	1004	-35	969	0	969	15.8	643.00	1699
	Jun 2011	894	-27	894	0	894	15.0	642.00	1671
	Jul 2011	896	-23	886	0	886	14.4	641.50	1658

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Parker Dam - Lake Havasu

		Davis Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	MWD Diversion 1000 Ac-Ft	CAP diversion 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft	Flow_to Mexico 1000 Ac-Ft	Flow_to Mexico 1000 CFS
*	Aug 2008	798	-2	635	10.3	82	65	448.54	590	109	1.8
H	Sep 2008	698	-10	519	8.7	82	94	448.19	584	99	1.7
	WY 2008	9205	-80	6692		803	1622			1560	
I	Oct 2008	632	3	452	7.4	77	136	446.55	553	84	1.4
S	Nov 2008	603	16	379	6.4	53	168	447.54	571	118	2.0
T	Dec 2008	339	15	236	3.8	67	65	446.81	558	139	2.3
O	Jan 2009	655	-6	379	6.2	100	171	446.67	555	121	2.0
R	Feb 2009	629	3	397	7.2	82	162	446.08	544	162	2.9
I	Mar 2009	1035	-7	736	12.0	99	180	446.75	557	208	3.4
C	Apr 2009	1097	-5	784	13.2	98	172	448.75	595	205	3.4
A	May 2009	916	-3	647	10.5	101	165	448.71	594	122	2.0
L	Jun 2009	788	-6	595	10.0	98	94	448.49	590	113	1.9
*	Jul 2009	835	-13	655	10.6	100	75	448.11	582	120	2.0
	Aug 2009	734	-11	592	9.6	99	43	447.50	571	93	1.5
	Sep 2009	732	-12	539	9.1	96	98	446.80	557	89	1.5
	WY 2009	8992	-26	6392		1071	1529			1573	
	Oct 2009	609	6	448	7.3	22	154	446.31	548	74	1.2
	Nov 2009	558	13	360	6.0	77	130	446.50	552	103	1.7
	Dec 2009	473	11	293	4.8	71	119	446.50	552	117	1.9
	Jan 2010	569	25	342	5.6	84	168	446.50	552	119	1.9
	Feb 2010	659	28	458	8.2	77	152	446.50	552	154	2.8
	Mar 2010	943	30	717	11.7	85	168	446.70	555	204	3.3
	Apr 2010	1112	-6	822	13.8	82	163	448.71	594	199	3.3
	May 2010	969	-16	699	11.4	85	169	448.71	594	111	1.8
	Jun 2010	897	-26	666	11.2	82	123	448.71	594	116	1.9
	Jul 2010	888	-18	723	11.8	84	77	448.00	580	119	1.9
	Aug 2010	791	-11	626	10.2	84	79	447.50	571	93	1.5
	Sep 2010	750	-12	539	9.1	61	151	446.80	557	89	1.5
	WY 2010	9219	24	6695		895	1653			1498	
	Oct 2010	574	6	448	7.3	24	116	446.31	548	74	1.2
	Nov 2010	467	13	361	6.1	24	92	446.50	552	103	1.7
	Dec 2010	384	11	295	4.8	25	75	446.50	552	118	1.9
	Jan 2011	568	25	341	5.5	83	168	446.50	552	119	1.9
	Feb 2011	652	28	452	8.1	75	152	446.50	552	149	2.7
	Mar 2011	944	30	718	11.7	84	169	446.70	555	206	3.4
	Apr 2011	1111	-6	821	13.8	81	164	448.71	594	200	3.4
	May 2011	969	-16	700	11.4	84	170	448.71	594	113	1.8
	Jun 2011	894	-26	664	11.2	81	124	448.71	594	115	1.9
	Jul 2011	886	-18	722	11.7	83	77	448.00	580	119	1.9

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Hoover Dam - Lake Mead

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Hoover Static Head Feet	Hoover Generator Capacity MW	Hoover Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Aug 2008	804	13.1	1105.13	11955	65	0.00	1678.0	316.2	100	393.1
H	Sep 2008	652	11.0	1105.76	12013	58	0.00	1677.0	252.9	100	387.9
	WY 2008	9530							3790.6		
I	Oct 2008	508	8.3	1107.94	12213	201	0.00	1038.0	188.5	61	370.8
S	Nov 2008	675	11.3	1107.33	12157	-56	0.00	926.0	263.1	55	389.9
T	Dec 2008	453	7.4	1110.97	12496	339	0.00	1523.0	171.3	88	377.7
O	Jan 2009	741	12.1	1111.78	12572	76	0.00	1305.0	299.0	75	403.3
R	Feb 2009	679	12.2	1111.43	12539	-33	0.00	1415.0	263.8	81	388.5
I	Mar 2009	1037	16.9	1107.40	12164	-376	0.00	950.0	415.9	55	401.2
C	Apr 2009	1174	19.7	1101.26	11604	-560	0.00	1284.0	474.0	76	403.7
A	May 2009	977	15.9	1096.92	11217	-387	0.00	1411.0	381.7	85	390.6
L	Jun 2009	750	12.6	1095.26	11071	-146	0.00	1641.0	287.2	100	383.1
*	Jul 2009	840	13.7	1094.20	10978	-93	0.00	1640.0	324.9	100	386.9
	Aug 2009	749	12.2	1094.73	11025	46	442.05	1648.0	295.8	100	395.2
	Sep 2009	642	10.8	1094.05	10965	-60	443.40	1642.0	250.2	100	389.8
	WY 2009	9225							3615.5		
	Oct 2009	510	8.3	1095.02	11050	85	448.80	1147.0	205.4	70	402.7
	Nov 2009	602	10.1	1095.93	11129	80	449.70	1353.0	240.8	82	400.2
	Dec 2009	615	10.0	1098.47	11354	225	450.04	1343.0	246.3	80	400.2
	Jan 2010	675	11.0	1102.24	11692	338	450.36	1404.0	269.1	83	398.7
	Feb 2010	673	12.1	1104.44	11892	200	453.75	1191.0	276.1	70	410.1
	Mar 2010	1004	16.3	1103.74	11829	-63	453.50	1279.0	412.2	75	410.6
	Apr 2010	1139	19.1	1102.41	11707	-121	451.41	1380.0	473.7	81	416.0
	May 2010	1004	16.3	1102.24	11693	-15	449.32	1591.0	402.6	94	401.1
	Jun 2010	897	15.1	1102.97	11759	66	449.27	1696.0	361.2	100	402.8
	Jul 2010	898	14.6	1104.09	11860	101	450.68	1702.0	361.0	100	402.1
	Aug 2010	816	13.3	1105.96	12031	171	452.32	1713.0	332.7	100	407.8
	Sep 2010	673	11.3	1105.00	11944	-88	453.92	1707.0	269.8	100	400.6
	WY 2010	9505							3850.8		
	Oct 2010	448	7.3	1106.59	12089	145	457.03	1611.0	178.7	94	399.0
	Nov 2010	511	8.6	1107.49	12172	83	459.90	1616.0	202.4	94	396.2
	Dec 2010	526	8.6	1110.29	12433	261	460.20	1631.0	208.5	94	396.2
	Jan 2011	674	11.0	1114.31	12812	379	462.24	1439.6	274.6	83	407.7
	Feb 2011	667	12.0	1116.44	13016	204	465.73	1212.6	279.3	70	419.0
	Mar 2011	1004	16.3	1114.77	12856	-159	464.96	1305.3	421.8	75	420.0
	Apr 2011	1137	19.1	1111.51	12547	-309	461.42	1415.8	482.7	81	424.5
	May 2011	1004	16.3	1111.33	12531	-17	458.36	1633.3	410.0	94	408.4
	Jun 2011	894	15.0	1111.72	12567	36	458.13	1738.0	366.4	100	409.8
	Jul 2011	896	14.6	1112.29	12621	54	459.10	1738.0	366.0	100	408.7

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Davis Dam - Lake Mohave

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Davis Static Head Feet	Davis Generator Capacity MW	Davis Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Aug 2008	798	13.0	641.06	1646	-20	0.00	255.0	98.5	100	123.4
H	Sep 2008	698	11.7	638.80	1585	-61	0.00	255.0	86.5	100	123.9
	WY 2008	9205							1137.7		
I	Oct 2008	632	10.3	633.37	1444	-141	0.00	211.7	74.9	83	118.6
S	Nov 2008	603	10.1	635.28	1493	49	0.00	186.2	71.8	73	119.1
T	Dec 2008	339	5.5	638.77	1585	91	0.00	163.2	42.1	64	124.2
O	Jan 2009	655	10.6	641.08	1647	62	0.00	155.6	80.8	61	123.4
R	Feb 2009	629	11.3	642.29	1679	33	0.00	193.8	79.3	76	126.1
I	Mar 2009	1035	16.8	641.38	1655	-25	0.00	255.0	121.2	100	117.1
C	Apr 2009	1097	18.4	643.11	1702	47	0.00	255.0	135.7	100	123.7
A	May 2009	916	14.9	644.36	1736	34	0.00	255.0	115.6	100	126.3
L	Jun 2009	788	13.2	641.92	1669	-67	0.00	255.0	99.5	100	126.2
*	Jul 2009	835	13.6	641.37	1654	-15	0.00	255.0	101.8	100	121.9
	Aug 2009	734	11.9	641.00	1644	-10	134.14	255.0	91.5	100	124.7
	Sep 2009	732	12.3	637.00	1538	-106	131.83	255.0	89.7	100	122.6
	WY 2009	8992							1103.8		
	Oct 2009	609	9.9	633.00	1434	-103	128.72	216.8	73.0	85	119.8
	Nov 2009	558	9.4	634.00	1460	26	128.21	183.6	66.2	72	118.7
	Dec 2009	473	7.7	638.71	1583	123	131.03	188.7	57.6	74	121.9
	Jan 2010	569	9.3	641.80	1666	83	135.19	186.2	71.1	73	124.8
	Feb 2010	659	11.9	641.80	1666	0	136.23	204.0	82.5	80	125.2
	Mar 2010	943	15.3	643.05	1700	34	135.64	247.3	117.6	97	124.7
	Apr 2010	1112	18.7	643.00	1699	-2	136.07	255.0	138.1	100	124.2
	May 2010	969	15.8	643.00	1699	0	136.04	255.0	121.1	100	125.0
	Jun 2010	897	15.1	642.00	1671	-27	135.51	255.0	112.0	100	124.8
	Jul 2010	888	14.4	641.50	1658	-14	134.73	255.0	110.4	100	124.3
	Aug 2010	791	12.9	641.50	1658	0	134.46	255.0	98.5	100	124.6
	Sep 2010	750	12.6	638.00	1564	-94	132.63	255.0	92.4	100	123.1
	WY 2010	9219							1140.6		
	Oct 2010	574	9.3	633.00	1434	-130	128.65	237.2	69.1	93	120.5
	Nov 2010	467	7.9	634.00	1460	26	126.61	234.6	55.7	92	119.3
	Dec 2010	384	6.2	638.71	1583	123	129.47	239.7	47.0	94	122.5
	Jan 2011	568	9.2	641.80	1666	83	134.16	219.3	70.9	86	124.8
	Feb 2011	652	11.7	641.80	1666	0	135.05	244.8	81.7	96	125.3
	Mar 2011	944	15.3	643.05	1700	34	135.44	255.0	117.6	100	124.7
	Apr 2011	1111	18.7	643.00	1699	-2	136.07	255.0	137.9	100	124.2
	May 2011	969	15.8	643.00	1699	0	136.04	255.0	121.1	100	125.0
	Jun 2011	894	15.0	642.00	1671	-27	135.51	255.0	111.6	100	124.8
	Jul 2011	886	14.4	641.50	1658	-14	134.73	255.0	110.1	100	124.3

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Parker Dam - Lake Havasu

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Parker Static Head Feet	Parker Generator Capacity MW	Parker Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Aug 2008	635	10.3	448.54	590	13	0.00	105.6	41.9	88	66.0
H	Sep 2008	519	8.7	448.19	584	-7	0.00	91.2	38.6	76	74.3
	WY 2008	6692							453.4		
I	Oct 2008	452	7.4	446.55	553	-31	0.00	90.0	31.2	75	68.9
S	Nov 2008	379	6.4	447.54	571	18	0.00	90.0	26.2	75	69.1
T	Dec 2008	236	3.8	446.81	558	-14	0.00	85.2	15.3	71	64.7
O	Jan 2009	379	6.2	446.67	555	-3	0.00	78.0	25.9	65	68.2
R	Feb 2009	397	7.2	446.08	544	-11	0.00	90.0	27.2	75	68.5
I	Mar 2009	736	12.0	446.75	556	12	0.00	87.6	49.2	73	66.8
C	Apr 2009	784	13.2	448.75	595	38	0.00	111.6	53.8	93	68.6
A	May 2009	647	10.5	448.71	594	-1	0.00	120.0	44.9	100	69.4
L	Jun 2009	595	10.0	448.49	590	-4	0.00	120.0	41.3	100	69.5
*	Jul 2009	655	10.6	448.11	582	-7	0.00	120.0	43.4	100	66.3
	Aug 2009	592	9.6	447.50	571	-12	75.18	120.0	38.8	100	65.5
	Sep 2009	539	9.1	446.80	557	-13	75.95	90.0	35.7	75	66.2
	WY 2009	6392							432.7		
	Oct 2009	448	7.3	446.31	548	-9	75.37	90.0	29.2	75	65.2
	Nov 2009	360	6.0	446.50	552	3	76.73	64.8	23.7	54	65.9
	Dec 2009	293	4.8	446.50	552	0	75.32	90.0	18.6	75	63.5
	Jan 2010	342	5.6	446.50	552	0	76.35	72.0	22.3	60	65.1
	Feb 2010	458	8.2	446.50	552	0	75.38	88.8	30.0	74	65.6
	Mar 2010	717	11.7	446.70	555	4	74.01	120.0	46.6	100	65.0
	Apr 2010	822	13.8	448.71	594	38	75.09	120.0	54.3	100	66.1
	May 2010	699	11.4	448.71	594	0	76.06	120.0	46.5	100	66.5
	Jun 2010	666	11.2	448.71	594	0	76.06	120.0	44.2	100	66.4
	Jul 2010	723	11.8	448.00	580	-14	75.72	120.0	47.9	100	66.3
	Aug 2010	626	10.2	447.50	571	-10	75.13	120.0	41.1	100	65.6
	Sep 2010	539	9.1	446.80	557	-13	74.55	120.0	35.0	100	64.9
	WY 2010	6695							439.5		
	Oct 2010	448	7.3	446.31	548	-9	73.97	120.0	28.6	100	63.9
	Nov 2010	361	6.1	446.50	552	3	74.98	94.8	23.2	79	64.2
	Dec 2010	295	4.8	446.50	552	0	73.92	120.0	18.4	100	62.5
	Jan 2011	341	5.5	446.50	552	0	74.71	102.0	21.7	85	63.7
	Feb 2011	452	8.1	446.50	552	0	74.60	104.4	29.3	87	64.8
	Mar 2011	718	11.7	446.70	555	4	74.01	120.0	46.6	100	65.0
	Apr 2011	821	13.8	448.71	594	38	75.09	120.0	54.3	100	66.1
	May 2011	700	11.4	448.71	594	0	76.06	120.0	46.5	100	66.5
	Jun 2011	664	11.2	448.71	594	0	76.06	120.0	44.1	100	66.4
	Jul 2011	722	11.7	448.00	580	-14	75.72	120.0	47.9	100	66.3

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T Y M R E S E R V O I R S

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Upper Basin Power

	Glen Canyon 1000 MWHR	Flam Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Res 1000 MWHR	Font Res 1000 MWHR
* Aug 2008	400	36	36	42	22	8
H Sep 2008	323	34	34	41	21	5
Summer 2008	724	70	71	83	43	13
I Oct 2008	334	27	25	30	17	5
S Nov 2008	267	25	9	12	6	4
T Dec 2008	355	30	10	14	7	2
O Jan 2009	352	31	11	15	6	4
R Feb 2009	262	24	12	15	4	3
I Mar 2009	271	20	14	15	10	3
Winter 2009	1840	156	81	101	50	21
C Apr 2009	260	19	17	24	16	3
A May 2009	256	57	33	55	23	4
L Jun 2009	301	38	54	66	22	8
* Jul 2009	371	47	45	53	22	8
Aug 2009	343	46	37	44	22	9
Sep 2009	254	44	29	35	18	7
Summer 2009	1785	251	215	277	122	39
Oct 2009	263	41	18	22	12	1
Nov 2009	294	39	9	11	6	0
Dec 2009	363	40	36	44	22	6
Jan 2010	403	41	28	36	18	6
Feb 2010	335	36	16	21	10	5
Mar 2010	376	40	11	15	8	5
Winter 2010	2034	237	118	149	76	24
Apr 2010	416	39	12	20	12	6
May 2010	419	56	19	32	23	7
Jun 2010	440	67	21	32	21	9
Jul 2010	452	37	36	44	23	10
Aug 2010	429	37	38	45	23	10
Sep 2010	255	36	32	39	20	4
Summer 2010	2411	272	158	212	123	44
Oct 2010	263	37	18	22	12	5
Nov 2010	256	36	9	11	6	6
Dec 2010	340	37	35	43	21	6
Jan 2011	423	38	27	34	17	6
Feb 2011	336	33	17	23	12	5
Mar 2011	335	37	12	17	9	5
Winter 2011	1953	219	117	149	77	32
Apr 2011	335	36	15	24	13	5
May 2011	420	52	22	36	23	7
Jun 2011	427	68	22	33	22	9
Jul 2011	432	41	35	42	23	10

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model_run_id = 2026

F L O O D C O N T R O L C R I T E R I A
B E G I N N I N G O F M O N T H C O N D I T I O N S

MON	YEAR	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	LAKE POWELL KAF	UPPER BASIN TOTAL KAF	LAKE MEAD KAF	TOTAL KAF	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	TOT OR MAX ALLOW KAF	LAKE POWELL KAF	LAKE MEAD KAF	TOTAL KAF	BOM SPACE REQD KAF	MEAD SCHED REL KAF	MEAD FC REL KAF	SYS CONT MAF
		* * * * P R E D I C T E D S P A C E * * * *							* * * * C R E D I T A B L E S P A C E * * * *									
									* * * * C R E D I T A B L E S P A C E * * * *									
AUG	2009	275	44	274	8182	8776	16402	25177	275	44	274	594	8182	16402	25177	1500	749	0	35.3
SEP	2009	319	102	309	8325	9054	16355	25410	319	102	309	730	8325	16355	25410	2270	642	0	35.0
OCT	2009	391	147	313	8384	9236	16415	25651	391	147	313	851	8384	16415	25651	3040	510	0	34.8
NOV	2009	451	162	312	8464	9388	16330	25718	451	162	312	924	8464	16330	25718	3810	602	0	34.7
DEC	2009	509	158	311	8652	9630	16251	25881	509	158	311	979	8652	16251	25881	4580	615	0	34.6
JAN	2010	575	248	321	8928	10072	16026	26098	575	248	321	1144	8928	16026	26098	5350	675	0	34.4
									* * * * E F F E C T I V E S P A C E * * * *									
JAN	2010	575	248	321	8928	10072	16026	26098	209	248	169	626	8928	16026	25579	5350	675	0	34.4
FEB	2010	649	319	332	9344	10644	15688	26332	281	319	179	780	9344	15688	25811	1500	673	0	34.2
MAR	2010	709	350	335	9671	11066	15488	26554	340	350	181	871	9671	15488	26031	1500	1004	0	33.9
APR	2010	749	356	294	9929	11328	15551	26879	377	356	134	867	9929	15551	26347	1500	1139	0	33.8
MAY	2010	740	322	215	10085	11362	15673	27034	363	322	37	721	10085	15673	26478	1500	1004	0	34.9
JUN	2010	673	186	233	9141	10232	15687	25919	286	180	22	488	9141	15687	25316	1500	897	0	36.5
JUL	2010	496	13	301	7868	8678	15621	24299	94	-17	43	119	7868	15621	23608	1500	898	0	36.6
									* * * * C R E D I T A B L E S P A C E * * * *									
AUG	2010	420	27	308	7881	8636	15520	24156	420	27	308	755	7881	15520	24156	1500	816	0	36.3
SEP	2010	448	84	319	8292	9143	15349	24492	448	84	319	851	8292	15349	24492	2270	673	0	35.9
OCT	2010	498	141	319	8366	9324	15436	24760	498	141	319	958	8366	15436	24760	3040	448	0	35.7
NOV	2010	548	160	313	8443	9464	15291	24755	548	160	313	1021	8443	15291	24755	3810	511	0	35.7
DEC	2010	599	157	313	8507	9576	15208	24784	599	157	313	1069	8507	15208	24784	4580	526	0	35.7
JAN	2011	665	248	323	8740	9976	14947	24923	665	248	323	1236	8740	14947	24923	5350	674	0	35.6
									* * * * E F F E C T I V E S P A C E * * * *									
JAN	2011	665	248	323	8740	9976	14947	24923	377	248	217	842	8740	14947	24529	5350	674	0	35.6
FEB	2011	731	314	333	9201	10579	14568	25147	441	314	227	981	9201	14568	24750	1500	667	0	35.4
MAR	2011	779	350	332	9520	10981	14364	25346	487	350	225	1062	9520	14364	24946	1500	1004	0	35.1
APR	2011	781	357	285	9745	11169	14524	25693	485	357	172	1015	9745	14524	25284	1500	1137	0	34.9
MAY	2011	744	340	189	9792	11065	14833	25897	441	340	57	838	9792	14833	25462	1500	1004	0	35.9
JUN	2011	634	214	202	9009	10060	14849	24909	321	211	38	570	9009	14849	24429	1500	894	0	37.5
JUL	2011	437	38	260	7725	8460	14813	23272	107	11	48	166	7725	14813	22704	1500	896	0	37.8

To: All Annual Operating Plan Recipients

From: Lower Colorado Region
Boulder Canyon Operations Office
River Operations Group
Bruce Williams
P.O. Box 61470
Boulder City, NV 89006-1470
Phone: 702-293-8571

The operation of Lake Powell and Lake Mead in this July 2009 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines), and reflects the 2009 Annual Operating Plan (AOP). Pursuant to the Interim Guidelines, the August 24-Month Study projections of the January 1 system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead. If the operating tier for the year is the Upper Elevation Balancing Tier, an adjustment may be made in April based on the April 24-Month Study projection of the September 30 system storage and reservoir water surface elevations.

The Upper Elevation Balancing Tier is the operational tier for water year 2009 for Glen Canyon Dam. The Intentionally Created Surplus (ICS) Surplus condition is the criterion governing the operation of Lake Mead for calendar year 2009.

The April 24-Month Study projected the end of water year elevation at Lake Powell to be below the 2009 Equalization Elevation of 3639 feet and the projected end of water year elevation at Lake Mead to be above elevation 1075 feet. Pursuant to Sections 6.B.1. and 6.B.4. of the Interim Guidelines, the annual release volume will be 8.23 million acre-feet from Glen Canyon Dam during water year 2009 which is reflected in this July 24-Month Study.

The Interim Guidelines are available for download at http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf. The 2009 AOP is available for download at http://www.usbr.gov/uc/water/rsvrs/ops/aop/AOP09_final.pdf.

Current runoff projections into Lake Powell are provided by the National Weather Service's Colorado Basin River Forecast Center and are as follows: Observed unregulated inflow into Lake Powell for the month of June 2009 was 2.709 maf or 88% of the 30 year average. The forecast for July 2009 unregulated inflow into Lake Powell is 1.130 maf or 72% of the 30 year average. The forecast for the April through July unregulated inflow is 7.550 maf or 95% of average.

In this study, the Calendar Year (CY) 2009 diversion for Metropolitan Water District of Southern California (MWD) is forecasted to be 1.000 maf. The CY 2009 diversion for the Central Arizona Project (CAP) is forecasted to be 1.518 maf. Consumptive use for Nevada above Hoover is forecasted to be 0.322 maf for CY 2009.

Due to declining Lake Mead elevations, Hoover's generator capacity is adjusted based on estimated effective capacity and plant availability. The estimated effective capacity is based on projected Lake Mead elevations. Unit capacity tests will be performed as the lake elevation changes in 2-foot increments. This study reflects these changes in the projections.

Hoover, Davis, and Parker historical gross energy figures come from PO&M reports provided by the Power and O&M Group, Boulder Canyon Operations Office, Bureau of Reclamation, Boulder City, Nevada. Questions regarding these historical energy numbers can be directed to Larry Karr at (702) 293-8094.

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T E M R E S E R V O I R S

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Fontenelle Reservoir

		Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Jul 2008	173	3	104	34	138	6503.99	330
H	Aug 2008	47	2	91	0	91	6497.83	283
I	Sep 2008	36	2	63	0	63	6493.80	254
	WY 2008	838	14	712	44	756		
S	Oct 2008	43	1	65	0	65	6490.51	231
T	Nov 2008	41	1	48	13	61	6487.43	211
O	Dec 2008	30	1	26	35	60	6482.26	180
R	Jan 2009	33	1	61	0	61	6476.93	151
I	Feb 2009	27	0	53	0	53	6471.15	124
C	Mar 2009	46	0	59	0	59	6467.98	111
A	Apr 2009	91	1	57	0	57	6475.63	145
L	May 2009	152	1	62	1	64	6490.46	231
*	Jun 2009	477	3	91	285	376	6504.01	330
	Jul 2009	220	3	99	106	205	6505.51	342
	Aug 2009	75	2	93	0	93	6502.94	321
	Sep 2009	48	2	68	0	68	6500.12	300
	WY 2009	1282	15	780	441	1221		
	Oct 2009	48	1	14	57	70	6496.98	277
	Nov 2009	41	1	0	68	68	6493.06	249
	Dec 2009	32	1	70	0	70	6487.21	210
	Jan 2010	30	1	70	0	70	6480.36	169
	Feb 2010	27	0	63	0	63	6472.97	132
	Mar 2010	51	0	70	0	70	6468.50	113
	Apr 2010	89	1	83	0	83	6469.67	118
	May 2010	176	1	99	5	105	6483.71	188
	Jun 2010	308	2	103	93	196	6499.80	297
	Jul 2010	186	3	101	38	138	6505.58	342
	Aug 2010	83	2	100	5	105	6502.53	318
	Sep 2010	49	2	39	28	68	6499.81	297
	WY 2010	1119	15	812	294	1106		
	Oct 2010	49	1	54	15	70	6496.74	275
	Nov 2010	41	1	68	0	68	6492.86	247
	Dec 2010	32	1	70	0	70	6487.08	209
	Jan 2011	30	1	70	0	70	6480.30	168
	Feb 2011	27	0	63	0	63	6472.93	132
	Mar 2011	51	0	70	0	70	6468.50	113
	Apr 2011	89	1	83	0	83	6469.67	118
	May 2011	176	1	99	5	104	6483.81	189
	Jun 2011	308	2	103	93	196	6499.87	298

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Flaming Gorge Reservoir

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Yampa Flow 1000 Ac-Ft	Jensen Flow 1000 Ac-Ft
*	Jul 2008	188	153	12	93	0	93	86	6022.43	3066	152	306
H	Aug 2008	48	92	12	92	0	92	85	6022.11	3055	29	132
I	Sep 2008	40	67	10	89	0	89	84	6021.25	3024	22	126
	WY 2008	1018	937	75	893	10	902					3017
S	Oct 2008	45	67	7	71	0	71	83	6020.97	3014	21	119
T	Nov 2008	47	66	3	65	0	65	83	6020.91	3012	0	107
O	Dec 2008	17	48	2	79	0	79	82	6020.01	2980	0	116
R	Jan 2009	39	67	2	80	0	80	82	6019.63	2967	0	752
I	Feb 2009	37	64	2	62	0	62	82	6019.63	2967	0	104
C	Mar 2009	62	75	3	52	0	52	82	6020.18	2986	0	142
A	Apr 2009	127	93	5	50	0	50	84	6021.21	3023	0	307
L	May 2009	212	125	7	150	0	150	83	6020.33	2991	747	883
*	Jun 2009	573	472	10	96	0	96	97	6029.83	3342	513	621
	Jul 2009	255	240	14	117	0	117	101	6032.53	3448	0	117
	Aug 2009	82	100	13	125	0	125	99	6031.62	3412	0	125
	Sep 2009	55	75	11	120	0	120	97	6030.20	3357	0	120
	WY 2009	1553	1491	79	1066	0	1066					3513
	Oct 2009	57	79	7	109	0	109	96	6029.27	3321	0	109
	Nov 2009	50	77	3	104	0	104	95	6028.51	3292	0	104
	Dec 2009	37	75	2	114	0	114	93	6027.49	3253	0	114
	Jan 2010	41	81	2	114	0	114	92	6026.61	3220	0	114
	Feb 2010	45	82	2	103	0	103	91	6026.01	3198	0	103
	Mar 2010	103	122	3	114	0	114	91	6026.16	3203	0	114
	Apr 2010	142	137	5	110	0	110	92	6026.71	3224	0	110
	May 2010	263	192	8	159	0	159	93	6027.35	3248	0	159
	Jun 2010	400	288	10	186	0	186	96	6029.66	3336	0	186
	Jul 2010	219	172	14	111	0	111	98	6030.83	3381	0	111
	Aug 2010	97	118	13	111	0	111	98	6030.70	3376	0	111
	Sep 2010	58	77	11	107	0	107	96	6029.68	3337	0	107
	WY 2010	1513	1500	80	1441	0	1441					1441
	Oct 2010	59	81	7	111	0	111	95	6028.75	3301	0	111
	Nov 2010	51	78	3	107	0	107	94	6027.92	3270	0	107
	Dec 2010	37	74	2	111	0	111	92	6026.96	3233	0	111
	Jan 2011	41	81	2	111	0	111	91	6026.15	3203	0	111
	Feb 2011	45	81	2	100	0	100	90	6025.61	3183	0	100
	Mar 2011	103	122	3	111	0	111	91	6025.83	3191	0	111
	Apr 2011	142	137	5	107	0	107	91	6026.46	3215	0	107
	May 2011	263	191	8	151	0	151	93	6027.29	3246	0	151
	Jun 2011	400	288	10	186	0	186	96	6029.60	3333	0	186

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Taylor Park Reservoir

		Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Jul 2008	29	34	9322.03	91
H	Aug 2008	12	23	9315.69	79
I	Sep 2008	8	15	9311.36	72
	WY 2008	184	189		
S	Oct 2008	7	7	9311.31	72
T	Nov 2008	5	5	9311.19	72
O	Dec 2008	5	5	9311.34	72
R	Jan 2009	5	5	9311.21	72
I	Feb 2009	4	5	9310.95	71
C	Mar 2009	4	5	9310.68	71
A	Apr 2009	11	5	9314.31	77
L	May 2009	46	20	9328.38	103
*	Jun 2009	37	35	9329.45	105
	Jul 2009	19	24	9326.75	100
	Aug 2009	10	21	9320.84	88
	Sep 2009	7	16	9315.62	79
	WY 2009	159	152		
	Oct 2009	6	10	9313.23	75
	Nov 2009	5	6	9312.52	74
	Dec 2009	4	6	9311.56	72
	Jan 2010	4	6	9310.43	71
	Feb 2010	4	6	9308.99	68
	Mar 2010	4	6	9307.86	67
	Apr 2010	8	8	9308.07	67
	May 2010	27	18	9313.77	76
	Jun 2010	43	20	9326.36	99
	Jul 2010	20	22	9325.55	97
	Aug 2010	10	22	9319.14	85
	Sep 2010	7	15	9314.54	77
	WY 2010	143	145		
	Oct 2010	6	10	9312.19	73
	Nov 2010	5	6	9311.51	72
	Dec 2010	4	6	9310.53	71
	Jan 2011	4	6	9309.39	69
	Feb 2011	4	6	9307.93	67
	Mar 2011	4	6	9306.78	65
	Apr 2011	8	8	9306.99	65
	May 2011	27	16	9313.98	76
	Jun 2011	43	20	9326.54	99

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T E M R E S E R V O I R S

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Blue Mesa Reservoir

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Jul 2008	172	176	1	103	0	103	7511.87	762
H	Aug 2008	70	82	1	119	0	119	7507.44	724
I	Sep 2008	35	42	1	115	0	115	7498.61	650
	WY 2008	1324	1329	8	1287	70	1357		
S	Oct 2008	33	33	1	85	0	85	7492.14	598
T	Nov 2008	27	28	0	33	0	33	7491.42	592
O	Dec 2008	28	27	0	36	0	36	7490.25	583
R	Jan 2009	26	27	0	39	0	39	7488.62	571
I	Feb 2009	24	24	0	42	0	42	7486.19	552
C	Mar 2009	40	40	0	49	0	49	7484.97	543
A	Apr 2009	104	99	1	61	0	61	7489.84	580
L	May 2009	344	317	1	110	10	120	7513.48	776
*	Jun 2009	229	227	1	172	3	175	7519.02	826
	Jul 2009	110	115	2	138	0	138	7516.36	802
	Aug 2009	60	71	1	119	0	119	7510.84	753
	Sep 2009	35	44	1	111	0	111	7502.90	685
	WY 2009	1060	1053	9	995	13	1009		
	Oct 2009	34	38	1	76	0	76	7498.27	647
	Nov 2009	30	31	0	46	0	46	7496.44	632
	Dec 2009	25	27	0	78	0	78	7490.00	581
	Jan 2010	24	26	0	73	0	73	7483.79	534
	Feb 2010	22	24	0	62	0	62	7478.55	495
	Mar 2010	34	36	0	63	0	63	7474.74	468
	Apr 2010	73	73	1	64	0	64	7475.92	477
	May 2010	212	203	1	69	0	69	7493.59	610
	Jun 2010	271	248	1	69	0	69	7514.77	788
	Jul 2010	121	122	2	106	0	106	7516.40	803
	Aug 2010	62	74	1	122	0	122	7510.78	753
	Sep 2010	36	44	1	113	0	113	7502.61	683
	WY 2010	945	946	9	940	0	940		
	Oct 2010	35	39	1	78	0	78	7497.80	643
	Nov 2010	31	32	0	48	0	48	7495.75	627
	Dec 2010	25	27	0	72	0	72	7490.00	581
	Jan 2011	24	26	0	73	0	73	7483.80	534
	Feb 2011	22	24	0	62	0	62	7478.55	495
	Mar 2011	34	36	0	63	0	63	7474.74	468
	Apr 2011	73	73	1	64	0	64	7475.92	477
	May 2011	212	201	1	63	0	63	7494.10	614
	Jun 2011	271	248	1	69	0	69	7515.22	792

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Morrow Point Reservoir

		Unreg Inflow 1000 Ac-Ft	Blue_Mesa Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Evap losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Jul 2008	178	103	6	109	0	108	0	108	7152.94	111
H	Aug 2008	71	119	0	120	0	117	0	117	7156.16	114
I	Sep 2008	35	115	0	115	0	115	0	115	7155.78	114
	WY 2008	1358	1357	34	1392	1	1365	27	1392		
S	Oct 2008	33	85	0	85	0	86	0	86	7153.95	112
T	Nov 2008	29	33	2	35	0	35	0	35	7153.60	112
O	Dec 2008	29	36	2	38	0	39	0	39	7152.11	111
R	Jan 2009	28	39	1	40	0	43	0	43	7148.12	108
I	Feb 2009	24	42	1	43	0	45	0	45	7145.98	106
C	Mar 2009	42	49	2	51	0	43	6	49	7147.72	107
A	Apr 2009	119	61	14	75	0	69	0	69	7155.78	114
L	May 2009	377	120	34	154	0	153	2	155	7154.23	112
*	Jun 2009	241	175	12	188	0	184	0	184	7158.19	116
	Jul 2009	116	138	6	144	0	148	0	148	7153.73	112
	Aug 2009	63	119	3	122	0	122	0	122	7153.73	112
	Sep 2009	38	111	3	114	0	114	0	114	7153.73	112
	WY 2009	1139	1009	80	1088	0	1081	8	1089		
	Oct 2009	37	76	3	79	0	79	0	79	7153.73	112
	Nov 2009	32	46	2	48	0	48	0	48	7153.73	112
	Dec 2009	27	78	2	80	0	80	0	80	7153.73	112
	Jan 2010	26	73	2	75	0	75	0	75	7153.73	112
	Feb 2010	25	62	3	65	0	65	0	65	7153.73	112
	Mar 2010	38	63	4	67	0	67	0	67	7153.73	112
	Apr 2010	84	64	11	75	0	75	0	75	7153.73	112
	May 2010	237	69	25	94	0	94	0	94	7153.73	112
	Jun 2010	292	69	21	90	0	90	0	90	7153.73	112
	Jul 2010	127	106	7	113	0	113	0	113	7153.73	112
	Aug 2010	65	122	4	126	0	126	0	126	7153.73	112
	Sep 2010	39	113	3	116	0	116	0	116	7153.73	112
	WY 2010	1031	940	86	1026	0	1026	0	1026		
	Oct 2010	38	78	3	81	0	81	0	81	7153.73	112
	Nov 2010	33	48	2	50	0	50	0	50	7153.73	112
	Dec 2010	27	72	2	74	0	74	0	74	7153.73	112
	Jan 2011	26	73	2	75	0	75	0	75	7153.73	112
	Feb 2011	25	62	3	65	0	65	0	65	7153.73	112
	Mar 2011	38	63	4	67	0	67	0	67	7153.73	112
	Apr 2011	84	64	11	75	0	75	0	75	7153.73	112
	May 2011	237	63	25	88	0	88	0	88	7153.73	112
	Jun 2011	292	69	21	90	0	90	0	90	7153.73	112

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Crystal Reservoir

	unreg Inflow 1000 Ac-Ft	Morrow Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Tunnel Flow 1000 Ac-Ft	Below_tunnel Flow 1000 Ac-Ft
* Jul 2008	191	108	13	121	123	0	123	6747.80	15	62	73
H Aug 2008	75	117	5	122	123	0	123	6742.41	14	66	66
I Sep 2008	38	115	3	118	118	0	118	6741.71	14	61	63
WY 2008	1520	1392	162	1554	1164	392	1555			356	1283
S Oct 2008	36	86	3	89	89	0	89	6744.34	15	55	45
T Nov 2008	33	35	4	38	39	0	39	6742.20	14	1	40
O Dec 2008	32	39	3	42	42	0	42	6742.53	14	1	43
R Jan 2009	31	43	4	47	38	9	47	6741.02	14	1	49
I Feb 2009	28	45	3	48	24	20	45	6752.05	17	1	46
C Mar 2009	47	49	5	55	55	0	55	6751.30	16	9	47
A Apr 2009	130	69	12	81	80	0	80	6752.70	17	35	48
L May 2009	431	155	53	208	120	88	208	6752.57	17	55	159
* Jun 2009	264	184	23	207	116	91	207	6753.30	17	58	159
Jul 2009	130	148	14	162	134	27	162	6753.04	17	65	97
Aug 2009	75	122	12	134	134	0	134	6753.04	17	65	69
Sep 2009	45	114	7	121	121	0	121	6753.04	17	55	66
WY 2009	1282	1089	143	1232	993	236	1228			399	869
Oct 2009	44	79	7	86	86	0	86	6753.04	17	30	56
Nov 2009	38	48	6	54	54	0	54	6753.04	17	0	54
Dec 2009	32	80	5	85	85	0	85	6753.04	17	0	85
Jan 2010	31	75	5	80	80	0	80	6753.04	17	0	80
Feb 2010	29	65	4	69	69	0	69	6753.04	17	0	69
Mar 2010	46	67	7	74	74	0	74	6753.04	17	5	69
Apr 2010	96	75	12	87	87	0	87	6753.04	17	30	57
May 2010	272	94	35	129	129	0	129	6753.04	17	55	74
Jun 2010	330	90	38	128	128	0	128	6753.04	17	60	68
Jul 2010	144	113	17	130	130	0	130	6753.04	17	65	65
Aug 2010	74	126	8	134	134	0	134	6753.04	17	65	69
Sep 2010	45	116	6	122	122	0	122	6753.04	17	55	67
WY 2010	1183	1026	152	1178	1178	0	1178			365	813
Oct 2010	44	81	7	87	87	0	87	6753.04	17	30	57
Nov 2010	38	50	5	55	55	0	55	6753.04	17	0	55
Dec 2010	32	74	5	79	79	0	79	6753.04	17	0	79
Jan 2011	31	75	5	80	80	0	80	6753.04	17	0	80
Feb 2011	29	65	4	69	69	0	69	6753.04	17	0	69
Mar 2011	46	67	7	74	74	0	74	6753.04	17	5	69
Apr 2011	96	75	12	87	87	0	87	6753.04	17	30	57
May 2011	272	88	35	123	123	0	123	6753.04	17	55	68
Jun 2011	330	90	38	128	128	0	128	6753.04	17	60	68

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Vallecito Reservoir

		Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Jul 2008	32	39	7660.68	114
H	Aug 2008	15	38	7651.24	90
I	Sep 2008	11	31	7642.57	70
	WY 2008	309	319		
S	Oct 2008	9	14	7640.18	65
T	Nov 2008	5	2	7641.75	68
O	Dec 2008	5	2	7643.06	71
R	Jan 2009	5	2	7644.39	74
I	Feb 2009	5	2	7645.61	77
C	Mar 2009	8	4	7647.33	81
A	Apr 2009	22	10	7652.11	92
L	May 2009	99	66	7664.50	124
*	Jun 2009	44	43	7664.64	124
	Jul 2009	20	43	7655.63	101
	Aug 2009	15	38	7645.71	77
	Sep 2009	16	30	7639.20	63
	WY 2009	254	256		
	Oct 2009	12	17	7636.59	57
	Nov 2009	8	6	7637.54	59
	Dec 2009	6	3	7638.89	62
	Jan 2010	5	3	7639.84	64
	Feb 2010	5	3	7640.64	66
	Mar 2010	8	3	7642.84	70
	Apr 2010	22	12	7647.12	80
	May 2010	69	40	7658.86	109
	Jun 2010	78	62	7664.67	125
	Jul 2010	31	43	7659.89	112
	Aug 2010	19	42	7650.64	89
	Sep 2010	17	32	7644.16	73
	WY 2010	280	266		
	Oct 2010	13	19	7641.31	67
	Nov 2010	8	7	7641.82	68
	Dec 2010	6	5	7642.23	69
	Jan 2011	5	5	7642.45	70
	Feb 2011	5	4	7642.60	70
	Mar 2011	8	5	7644.07	73
	Apr 2011	22	13	7647.86	82
	May 2011	69	43	7658.37	108
	Jun 2011	78	63	7663.69	122

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Navajo Reservoir

	Mod_Unreg Inflow 1000 Ac-Ft	Azetea Tunnel_Div 1000 Ac-Ft	Reg Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	NIIP Diversion 1000 ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Farm Flow 1000 Ac-Ft
* Jul 2008	82	14	74	4	40	32	6061.63	1369	103
H Aug 2008	31	3	52	4	36	40	6059.46	1341	58
I Sep 2008	31	2	48	3	22	45	6057.74	1319	57
WY 2008	1355	146	1219	28	206	1185			1887
S Oct 2008	28	0	34	2	11	32	6056.83	1308	45
T Nov 2008	21	0	17	1	0	30	6055.68	1294	47
O Dec 2008	19	0	16	1	0	31	6054.38	1278	48
R Jan 2009	23	0	20	1	1	32	6053.29	1265	54
I Feb 2009	28	1	24	1	0	28	6052.85	1259	49
C Mar 2009	76	6	65	2	5	31	6055.13	1287	0
A Apr 2009	125	19	97	2	19	30	6058.76	1332	69
L May 2009	361	52	275	4	29	59	6072.47	1515	264
* Jun 2009	146	24	120	5	36	115	6069.92	1479	187
Jul 2009	85	3	105	5	41	37	6071.47	1501	37
Aug 2009	45	2	67	4	35	40	6070.57	1489	40
Sep 2009	40	0	54	3	20	42	6069.75	1477	42
WY 2009	996	107	894	29	199	509			882
Oct 2009	36	2	40	2	7	31	6069.77	1477	31
Nov 2009	32	0	30	1	0	30	6069.71	1477	30
Dec 2009	24	0	21	1	0	31	6068.96	1466	31
Jan 2010	22	0	20	1	0	31	6068.10	1454	31
Feb 2010	30	0	28	1	0	28	6068.07	1454	28
Mar 2010	88	2	82	2	4	61	6069.11	1468	61
Apr 2010	174	16	148	3	16	60	6074.06	1538	60
May 2010	279	33	216	4	28	200	6072.91	1521	200
Jun 2010	246	29	201	5	43	212	6068.69	1463	212
Jul 2010	74	7	79	5	46	31	6068.52	1460	31
Aug 2010	43	3	63	4	39	31	6067.80	1450	31
Sep 2010	42	1	56	3	22	30	6067.91	1452	30
WY 2010	1092	93	984	30	205	775			775
Oct 2010	38	0	44	2	7	31	6068.21	1456	31
Nov 2010	33	0	32	1	1	30	6068.19	1456	30
Dec 2010	24	0	23	1	1	31	6067.49	1446	31
Jan 2011	22	0	21	1	0	31	6066.73	1436	31
Feb 2011	30	0	30	1	0	28	6066.81	1437	28
Mar 2011	88	2	83	2	4	31	6070.21	1483	31
Apr 2011	174	16	149	3	16	34	6076.95	1580	34
May 2011	279	33	219	4	28	200	6076.03	1566	200
Jun 2011	246	29	203	5	43	212	6072.01	1509	212

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Lake Powell

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	PowerPlant Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Bank Storage 1000 Ac-Ft	EOM Storage 1000 Ac-Ft	Lees Ferry 1000 Ac-Ft
*	Jul 2008	1709	1430	63	865	0	865	3633.00	17320	15192	887
H	Aug 2008	489	596	62	890	0	890	3629.55	17353	14803	914
I	Sep 2008	390	555	56	723	0	723	3626.90	17423	14509	738
	WY 2008	12344	12417	396	8885	93	8978				9164
S	Oct 2008	382	498	38	749	0	749	3623.82	17470	14172	762
T	Nov 2008	419	455	36	603	0	603	3621.90	17493	13966	612
O	Dec 2008	312	386	28	801	0	801	3617.89	17478	13541	818
R	Jan 2009	329	394	9	802	0	802	3614.17	17444	13155	822
I	Feb 2009	323	377	9	602	0	602	3612.05	17426	12938	612
C	Mar 2009	470	445	16	626	0	626	3610.43	17393	12774	632
A	Apr 2009	788	669	25	604	0	604	3611.26	17350	12858	611
L	May 2009	2921	2447	31	582	0	582	3629.09	17298	14751	586
*	Jun 2009	2701	2217	54	662	0	662	3640.49	17499	16061	670
	Jul 2009	1130	1020	55	802	0	802	3641.76	17511	16211	802
	Aug 2009	550	684	57	802	0	802	3640.39	17498	16049	802
	Sep 2009	450	614	49	595	0	595	3640.15	17496	16021	595
	WY 2009	10775	10204	407	8230	0	8230				8325
	Oct 2009	500	596	44	615	0	615	3639.66	17492	15963	615
	Nov 2009	520	587	37	600	0	600	3639.27	17488	15917	600
	Dec 2009	418	554	30	900	0	900	3636.28	17460	15568	900
	Jan 2010	384	515	23	1000	0	1000	3632.18	17422	15098	1000
	Feb 2010	395	490	21	800	0	800	3629.45	17398	14792	800
	Mar 2010	628	646	26	900	0	900	3627.12	17377	14533	900
	Apr 2010	952	829	29	973	0	973	3625.66	17364	14372	973
	May 2010	2161	1897	40	1000	0	1000	3632.77	17428	15165	1000
	Jun 2010	2808	2431	48	1000	0	1000	3643.71	17530	16446	1000
	Jul 2010	1345	1232	56	1050	0	1050	3644.67	17539	16562	1050
	Aug 2010	566	670	57	1000	0	1000	3641.68	17511	16203	1000
	Sep 2010	459	595	49	595	0	595	3641.30	17507	16157	595
	WY 2010	11136	11041	461	10433	0	10433				10433
	Oct 2010	506	601	45	615	0	615	3640.84	17503	16103	615
	Nov 2010	523	594	37	600	0	600	3640.51	17500	16064	600
	Dec 2010	418	546	31	800	0	800	3638.27	17479	15800	800
	Jan 2011	384	512	23	1000	0	1000	3634.19	17441	15327	1000
	Feb 2011	395	487	21	800	0	800	3631.47	17416	15018	800
	Mar 2011	628	612	26	900	0	900	3628.88	17393	14728	900
	Apr 2011	952	800	29	978	0	978	3627.15	17377	14536	978
	May 2011	2161	1883	40	1000	0	1000	3634.09	17440	15316	1000
	Jun 2011	2808	2431	48	1000	0	1000	3644.95	17542	16596	1000

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Hoover Dam - Lake Mead

	Glen Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release CFS	SNWP Use 1000 Ac-Ft	Dwnstrm Reqmnts 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
* Jul 2008	865	63	73	876	14.2	33	874	773	1104.42	11890
H Aug 2008	890	95	78	804	13.1	34	789	777	1105.13	11955
I Sep 2008	723	77	64	652	11.0	22	642	781	1105.76	12013
WY 2008	8978	912	606	9531		278	9468			
S Oct 2008	749	47	47	508	8.3	26	498	794	1107.94	12213
T Nov 2008	603	74	47	675	11.3	15	659	790	1107.33	12157
O Dec 2008	801	62	41	453	7.4	8	432	812	1110.97	12496
R Jan 2009	802	63	34	741	12.1	9	739	817	1111.78	12572
I Feb 2009	602	82	31	679	12.2	9	669	815	1111.43	12539
C Mar 2009	626	62	34	1037	16.9	17	1036	791	1107.40	12164
A Apr 2009	604	36	42	1174	19.7	20	1169	754	1101.26	11604
L May 2009	582	64	47	977	15.9	33	968	729	1096.92	11217
* Jun 2009	662	11	56	750	12.6	23	749	720	1095.26	11071
Jul 2009	802	61	70	827	13.4	38	827	715	1094.50	11004
Aug 2009	802	110	74	796	12.9	39	796	715	1094.53	11007
Sep 2009	595	78	61	672	11.3	34	672	710	1093.53	10920
WY 2009	8230	750	586	9289		270	9214			
Oct 2009	615	73	44	486	7.9	43	486	717	1094.77	11028
Nov 2009	600	73	45	567	9.5	31	567	719	1095.09	11056
Dec 2009	900	65	39	577	9.4	26	577	738	1098.53	11359
Jan 2010	1000	131	32	674	11.0	19	674	763	1102.77	11740
Feb 2010	800	134	30	673	12.1	18	673	776	1104.96	11940
Mar 2010	900	96	34	1004	16.3	25	1004	772	1104.28	11878
Apr 2010	973	75	42	1139	19.1	23	1139	763	1102.67	11732
May 2010	1000	70	48	1004	16.3	32	1004	762	1102.52	11718
Jun 2010	1000	24	58	897	15.1	30	897	764	1102.94	11755
Jul 2010	1050	61	73	898	14.6	32	898	771	1104.06	11858
Aug 2010	1000	110	78	816	13.3	33	816	782	1105.95	12030
Sep 2010	595	78	64	674	11.3	28	674	776	1105.00	11944
WY 2010	10433	990	587	9407		339	9407			
Oct 2010	615	73	47	448	7.3	36	448	786	1106.60	12090
Nov 2010	600	73	47	511	8.6	25	511	791	1107.51	12175
Dec 2010	800	65	41	526	8.6	20	526	808	1110.32	12435
Jan 2011	1000	131	34	674	11.0	19	674	833	1114.34	12815
Feb 2011	800	134	32	667	12.0	18	667	846	1116.48	13020
Mar 2011	900	96	35	1004	16.3	25	1004	842	1115.81	12955
Apr 2011	978	75	44	1137	19.1	23	1137	833	1114.32	12814
May 2011	1000	70	50	1004	16.3	32	1004	832	1114.16	12798
Jun 2011	1000	24	61	894	15.0	30	894	834	1114.55	12835

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Davis Dam - Lake Mohave

		Hoover Release 1000 Ac-Ft	Side inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Spill Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release CFS	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
*	Jul 2008	876	-23	896	0	896	14.6	641.79	1666
H	Aug 2008	804	-26	798	0	798	13.0	641.06	1646
I	Sep 2008	652	-15	698	0	698	11.7	638.80	1585
	WY 2008	9531	-285	9205	0	9205			
S	Oct 2008	508	-18	632	0	632	10.3	633.37	1444
T	Nov 2008	675	-23	603	0	603	10.1	635.28	1493
O	Dec 2008	453	-23	339	0	339	5.5	638.77	1585
R	Jan 2009	741	-25	655	0	655	10.6	641.08	1647
I	Feb 2009	679	-18	629	0	629	11.3	642.29	1679
C	Mar 2009	1037	-27	1035	0	1035	16.8	641.38	1655
A	Apr 2009	1174	-30	1097	0	1097	18.4	643.11	1702
L	May 2009	977	-28	916	0	916	14.9	644.36	1736
*	Jun 2009	750	-28	788	0	788	13.2	641.92	1669
	Jul 2009	827	-23	829	0	829	13.5	641.00	1644
	Aug 2009	796	-25	771	0	771	12.5	641.00	1644
	Sep 2009	672	-17	735	0	735	12.4	638.00	1564
	WY 2009	9289	-284	9026	0	9026			
	Oct 2009	486	-4	611	0	611	9.9	633.00	1434
	Nov 2009	567	-18	523	0	523	8.8	634.00	1460
	Dec 2009	577	-20	435	0	435	7.1	638.71	1583
	Jan 2010	674	-22	569	0	569	9.3	641.80	1666
	Feb 2010	673	-15	658	0	658	11.9	641.80	1666
	Mar 2010	1004	-26	943	0	943	15.3	643.05	1700
	Apr 2010	1139	-28	1112	0	1112	18.7	643.00	1699
	May 2010	1004	-35	969	0	969	15.8	643.00	1699
	Jun 2010	897	-27	897	0	897	15.1	642.00	1671
	Jul 2010	898	-23	888	0	888	14.4	641.50	1658
	Aug 2010	816	-25	791	0	791	12.9	641.50	1658
	Sep 2010	674	-17	751	0	751	12.6	638.00	1564
	WY 2010	9407	-260	9147	0	9147			
	Oct 2010	448	-4	574	0	574	9.3	633.00	1434
	Nov 2010	511	-18	468	0	468	7.9	634.00	1460
	Dec 2010	526	-20	384	0	384	6.2	638.71	1583
	Jan 2011	674	-22	568	0	568	9.2	641.80	1666
	Feb 2011	667	-15	652	0	652	11.7	641.80	1666
	Mar 2011	1004	-26	944	0	944	15.3	643.05	1700
	Apr 2011	1137	-28	1110	0	1110	18.7	643.00	1699
	May 2011	1004	-35	969	0	969	15.8	643.00	1699
	Jun 2011	894	-27	894	0	894	15.0	642.00	1671

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Parker Dam - Lake Havasu

		Davis Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	MWD Diversion 1000 Ac-Ft	CAP diversion 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft	Flow_to Mexico 1000 Ac-Ft	Flow_to Mexico 1000 CFS
*	Jul 2008	896	-18	728	11.8	87	78	447.86	577	122	2.0
H	Aug 2008	798	-2	635	10.3	82	65	448.54	590	109	1.8
I	Sep 2008	698	-10	519	8.7	82	94	448.19	584	99	1.7
	WY 2008	9205	-80	6692		803	1622			1560	
S	Oct 2008	632	3	452	7.4	77	136	446.55	553	84	1.4
T	Nov 2008	603	16	379	6.4	53	168	447.54	571	118	2.0
O	Dec 2008	339	15	236	3.8	67	65	446.81	558	139	2.3
R	Jan 2009	655	-6	379	6.2	100	171	446.67	555	121	2.0
I	Feb 2009	629	3	397	7.2	82	162	446.08	544	162	2.9
C	Mar 2009	1035	-7	736	12.0	99	180	446.75	557	208	3.4
A	Apr 2009	1097	-5	784	13.2	98	172	448.75	595	205	3.4
L	May 2009	916	-2	647	10.5	102	165	448.71	594	122	2.0
*	Jun 2009	788	-6	595	10.0	98	94	448.49	590	113	1.9
	Jul 2009	829	-18	663	10.8	99	58	448.00	580	118	1.9
	Aug 2009	771	-11	627	10.2	99	43	447.50	571	93	1.5
	Sep 2009	735	-12	542	9.1	96	98	446.81	557	89	1.5
	WY 2009	9026	-30	6438		1071	1513			1571	
	Oct 2009	611	6	450	7.3	22	154	446.31	548	74	1.2
	Nov 2009	523	13	361	6.1	55	116	446.50	552	103	1.7
	Dec 2009	435	11	291	4.7	50	105	446.50	552	117	1.9
	Jan 2010	569	25	342	5.6	83	168	446.50	552	119	1.9
	Feb 2010	658	28	458	8.3	76	152	446.50	552	154	2.8
	Mar 2010	943	30	718	11.7	84	168	446.70	555	204	3.3
	Apr 2010	1112	-6	823	13.8	81	163	448.71	594	199	3.3
	May 2010	969	-16	700	11.4	84	169	448.71	594	111	1.8
	Jun 2010	897	-26	666	11.2	81	123	448.71	594	116	1.9
	Jul 2010	888	-18	724	11.8	83	77	448.00	580	119	1.9
	Aug 2010	791	-11	627	10.2	83	79	447.50	571	93	1.5
	Sep 2010	751	-12	540	9.1	61	151	446.81	557	89	1.5
	WY 2010	9147	24	6702		844	1625			1498	
	Oct 2010	574	6	449	7.3	24	116	446.31	548	74	1.2
	Nov 2010	468	13	361	6.1	24	92	446.50	552	103	1.7
	Dec 2010	384	11	295	4.8	24	75	446.50	552	118	1.9
	Jan 2011	568	25	341	5.5	84	168	446.50	552	119	1.9
	Feb 2011	652	28	452	8.1	75	152	446.50	552	149	2.7
	Mar 2011	944	30	718	11.7	84	169	446.70	555	206	3.4
	Apr 2011	1110	-6	821	13.8	81	164	448.71	594	200	3.4
	May 2011	969	-16	699	11.4	84	170	448.71	594	113	1.8
	Jun 2011	894	-26	663	11.1	81	124	448.71	594	115	1.9

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Hoover Dam - Lake Mead

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Hoover Static Head Feet	Hoover Generator Capacity MW	Hoover Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Jul 2008	876	14.2	1104.42	11890	-51	0.00	1672.0	344.2	100	392.8
H	Aug 2008	804	13.1	1105.13	11955	65	0.00	1678.0	316.2	100	393.1
I	Sep 2008	652	11.0	1105.76	12013	58	0.00	1677.0	252.9	100	387.9
	WY 2008	9530							3790.6		
S	Oct 2008	508	8.3	1107.94	12213	201	0.00	1038.0	188.5	61	370.8
T	Nov 2008	675	11.3	1107.33	12157	-56	0.00	926.0	263.1	55	389.9
O	Dec 2008	453	7.4	1110.97	12496	339	0.00	1523.0	171.3	88	377.7
R	Jan 2009	741	12.1	1111.78	12572	76	0.00	1305.0	299.0	75	403.3
I	Feb 2009	679	12.2	1111.43	12539	-33	0.00	1415.0	263.8	81	388.5
C	Mar 2009	1037	16.9	1107.40	12164	-376	0.00	950.0	415.9	55	401.2
A	Apr 2009	1174	19.7	1101.26	11604	-560	0.00	1284.0	474.0	76	403.7
L	May 2009	977	15.9	1096.92	11217	-387	0.00	1411.0	381.7	85	390.6
*	Jun 2009	750	12.6	1095.26	11071	-146	0.00	1641.0	287.2	100	383.1
	Jul 2009	827	13.4	1094.50	11004	-67	442.28	1640.0	330.9	100	400.1
	Aug 2009	796	12.9	1094.53	11007	3	442.22	1641.0	316.9	100	398.3
	Sep 2009	672	11.3	1093.53	10920	-88	442.72	1635.0	263.1	100	391.8
	WY 2009	9289							3655.3		
	Oct 2009	486	7.9	1094.77	11028	108	448.09	1143.0	194.2	70	399.7
	Nov 2009	567	9.5	1095.09	11056	28	449.20	1342.0	224.7	82	396.6
	Dec 2009	577	9.4	1098.53	11359	303	448.91	1449.0	227.8	87	394.7
	Jan 2010	674	11.0	1102.77	11740	381	451.38	1279.0	270.3	76	400.9
	Feb 2010	673	12.1	1104.96	11940	200	452.86	1400.0	273.4	83	406.3
	Mar 2010	1004	16.3	1104.28	11878	-62	453.28	1384.0	409.3	82	407.8
	Apr 2010	1139	19.1	1102.67	11732	-146	451.73	1375.0	473.8	82	416.1
	May 2010	1004	16.3	1102.52	11718	-14	449.59	1573.0	402.8	94	401.3
	Jun 2010	897	15.1	1102.94	11755	37	449.39	1680.0	361.3	100	402.9
	Jul 2010	898	14.6	1104.06	11858	102	450.65	1695.0	361.0	100	402.1
	Aug 2010	816	13.3	1105.95	12030	173	452.31	1713.0	332.6	100	407.7
	Sep 2010	674	11.3	1105.00	11944	-87	453.91	1707.0	270.0	100	400.7
	WY 2010	9407							3801.2		
	Oct 2010	448	7.3	1106.60	12090	147	457.03	1611.0	178.8	94	399.0
	Nov 2010	511	8.6	1107.51	12175	84	459.92	1616.0	202.5	94	396.3
	Dec 2010	526	8.6	1110.32	12435	261	460.94	1502.2	209.3	87	397.6
	Jan 2011	674	11.0	1114.34	12815	380	463.00	1311.8	276.0	76	409.7
	Feb 2011	667	12.0	1116.48	13020	205	464.34	1424.8	276.5	83	414.7
	Mar 2011	1004	16.3	1115.81	12955	-64	464.74	1411.9	418.9	82	417.1
	Apr 2011	1137	19.1	1114.32	12814	-142	463.26	1414.4	484.1	82	425.8
	May 2011	1004	16.3	1114.16	12798	-16	461.16	1619.1	412.2	94	410.6
	Jun 2011	894	15.0	1114.55	12835	37	460.94	1722.0	368.4	100	412.0

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Davis Dam - Lake Mohave

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Davis Static Head Feet	Davis Generator Capacity MW	Davis Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Jul 2008	896	14.6	641.79	1666	-43	0.00	255.0	111.7	100	124.6
H	Aug 2008	798	13.0	641.06	1646	-20	0.00	255.0	98.5	100	123.4
I	Sep 2008	698	11.7	638.80	1585	-61	0.00	255.0	86.5	100	123.9
	WY 2008	9205							1137.7		
S	Oct 2008	632	10.3	633.37	1444	-141	0.00	211.7	74.9	83	118.6
T	Nov 2008	603	10.1	635.28	1493	49	0.00	186.2	71.8	73	119.1
O	Dec 2008	339	5.5	638.77	1585	91	0.00	163.2	42.1	64	124.2
R	Jan 2009	655	10.6	641.08	1647	62	0.00	155.6	80.8	61	123.4
I	Feb 2009	629	11.3	642.29	1679	33	0.00	193.8	79.3	76	126.1
C	Mar 2009	1035	16.8	641.38	1655	-25	0.00	255.0	121.2	100	117.1
A	Apr 2009	1097	18.4	643.11	1702	47	0.00	255.0	135.7	100	123.7
L	May 2009	916	14.9	644.36	1736	34	0.00	255.0	115.6	100	126.3
*	Jun 2009	788	13.2	641.92	1669	-67	0.00	255.0	99.5	100	126.2
	Jul 2009	829	13.5	641.00	1644	-25	134.42	255.0	103.1	100	124.4
	Aug 2009	771	12.5	641.00	1644	0	133.94	255.0	95.8	100	124.3
	Sep 2009	735	12.4	638.00	1564	-80	132.36	255.0	90.4	100	123.0
	WY 2009	9026							1110.1		
	Oct 2009	611	9.9	633.00	1434	-130	129.25	216.8	73.5	85	120.3
	Nov 2009	523	8.8	634.00	1460	26	128.21	183.6	62.2	72	118.9
	Dec 2009	435	7.1	638.71	1583	123	131.03	188.7	53.1	74	122.2
	Jan 2010	569	9.3	641.80	1666	83	135.19	186.2	71.0	73	124.8
	Feb 2010	658	11.9	641.80	1666	0	136.23	204.0	82.4	80	125.2
	Mar 2010	943	15.3	643.05	1700	34	135.64	247.3	117.6	97	124.7
	Apr 2010	1112	18.7	643.00	1699	-2	136.07	255.0	138.1	100	124.2
	May 2010	969	15.8	643.00	1699	0	136.04	255.0	121.1	100	125.0
	Jun 2010	897	15.1	642.00	1671	-27	135.51	255.0	111.9	100	124.8
	Jul 2010	888	14.4	641.50	1658	-14	134.73	255.0	110.4	100	124.3
	Aug 2010	791	12.9	641.50	1658	0	134.46	255.0	98.5	100	124.6
	Sep 2010	751	12.6	638.00	1564	-94	132.63	255.0	92.4	100	123.1
	WY 2010	9147							1132.4		
	Oct 2010	574	9.3	633.00	1434	-130	128.65	237.2	69.1	93	120.5
	Nov 2010	468	7.9	634.00	1460	26	126.61	234.6	55.8	92	119.3
	Dec 2010	384	6.2	638.71	1583	123	129.47	239.7	47.0	94	122.5
	Jan 2011	568	9.2	641.80	1666	83	134.16	219.3	70.9	86	124.8
	Feb 2011	652	11.7	641.80	1666	0	135.05	244.8	81.7	96	125.3
	Mar 2011	944	15.3	643.05	1700	34	135.44	255.0	117.6	100	124.7
	Apr 2011	1110	18.7	643.00	1699	-2	136.07	255.0	137.9	100	124.2
	May 2011	969	15.8	643.00	1699	0	136.04	255.0	121.1	100	125.0
	Jun 2011	894	15.0	642.00	1671	-27	135.51	255.0	111.6	100	124.8

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Parker Dam - Lake Havasu

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Parker Static Head Feet	Parker Generator Capacity MW	Parker Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Jul 2008	728	11.8	447.86	577	-14	0.00	90.0	48.9	75	67.3
H	Aug 2008	635	10.3	448.54	590	13	0.00	105.6	41.9	88	66.0
I	Sep 2008	519	8.7	448.19	584	-7	0.00	91.2	38.6	76	74.3
	WY 2008	6692							453.4		
S	Oct 2008	452	7.4	446.55	553	-31	0.00	90.0	31.2	75	68.9
T	Nov 2008	379	6.4	447.54	571	18	0.00	90.0	26.2	75	69.1
O	Dec 2008	236	3.8	446.81	558	-14	0.00	85.2	15.3	71	64.7
R	Jan 2009	379	6.2	446.67	555	-3	0.00	78.0	25.9	65	68.2
I	Feb 2009	397	7.2	446.08	544	-11	0.00	90.0	27.2	75	68.5
C	Mar 2009	736	12.0	446.75	556	12	0.00	87.6	49.2	73	66.8
A	Apr 2009	784	13.2	448.75	595	38	0.00	111.6	53.8	93	68.6
L	May 2009	647	10.5	448.71	594	-1	0.00	120.0	44.9	100	69.4
*	Jun 2009	595	10.0	448.49	590	-4	0.00	120.0	41.3	100	69.5
	Jul 2009	663	10.8	448.00	580	-10	75.61	120.0	43.8	100	66.0
	Aug 2009	627	10.2	447.50	571	-10	75.13	120.0	41.1	100	65.6
	Sep 2009	542	9.1	446.81	557	-13	75.95	90.0	35.9	75	66.2
	WY 2009	6438							435.6		
	Oct 2009	450	7.3	446.31	548	-9	75.37	90.0	29.3	75	65.2
	Nov 2009	361	6.1	446.50	552	3	76.73	64.8	23.8	54	65.9
	Dec 2009	291	4.7	446.50	552	0	75.32	90.0	18.5	75	63.5
	Jan 2010	342	5.6	446.50	552	0	76.35	72.0	22.3	60	65.1
	Feb 2010	458	8.3	446.50	552	0	75.38	88.8	30.1	74	65.6
	Mar 2010	718	11.7	446.70	555	4	74.01	120.0	46.6	100	65.0
	Apr 2010	823	13.8	448.71	594	38	75.09	120.0	54.4	100	66.1
	May 2010	700	11.4	448.71	594	0	76.06	120.0	46.5	100	66.5
	Jun 2010	666	11.2	448.71	594	0	76.06	120.0	44.3	100	66.4
	Jul 2010	724	11.8	448.00	580	-14	75.72	120.0	48.0	100	66.3
	Aug 2010	627	10.2	447.50	571	-10	75.13	120.0	41.1	100	65.6
	Sep 2010	540	9.1	446.81	557	-13	74.55	120.0	35.0	100	64.9
	WY 2010	6702							440.0		
	Oct 2010	449	7.3	446.31	548	-9	73.97	120.0	28.7	100	63.9
	Nov 2010	361	6.1	446.50	552	3	74.98	94.8	23.2	79	64.2
	Dec 2010	295	4.8	446.50	552	0	73.92	120.0	18.4	100	62.5
	Jan 2011	341	5.5	446.50	552	0	74.71	102.0	21.7	85	63.7
	Feb 2011	452	8.1	446.50	552	0	74.60	104.4	29.3	87	64.8
	Mar 2011	718	11.7	446.70	555	4	74.01	120.0	46.6	100	65.0
	Apr 2011	821	13.8	448.71	594	38	75.09	120.0	54.3	100	66.1
	May 2011	699	11.4	448.71	594	0	76.06	120.0	46.5	100	66.5
	Jun 2011	663	11.1	448.71	594	0	76.06	120.0	44.1	100	66.4

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Upper Basin Power

	Glen Canyon 1000 MWHR	Flam Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Res 1000 MWHR	Font Res 1000 MWHR
* Jul 2008	390	36	31	39	23	9
H Aug 2008	400	36	36	42	22	8
I Sep 2008	323	34	34	41	21	5
Summer 2008	1114	106	102	121	66	22
S Oct 2008	334	27	25	30	17	5
T Nov 2008	267	25	9	12	6	4
O Dec 2008	355	30	10	14	7	2
R Jan 2009	352	31	11	15	6	4
I Feb 2009	262	24	12	15	4	3
C Mar 2009	271	20	14	15	10	3
Winter 2009	1840	156	81	101	50	21
A Apr 2009	260	19	17	24	16	3
L May 2009	256	57	33	55	23	4
* Jun 2009	301	38	54	66	22	8
Jul 2009	344	43	44	53	23	10
Aug 2009	344	46	37	44	23	9
Sep 2009	255	44	34	41	21	6
Summer 2009	1759	247	219	283	128	40
Oct 2009	263	40	23	28	15	1
Nov 2009	257	38	14	17	9	0
Dec 2009	384	42	23	29	15	6
Jan 2010	423	42	21	27	14	5
Feb 2010	336	38	18	24	12	5
Mar 2010	377	42	18	24	13	5
Winter 2010	2039	240	117	149	77	22
Apr 2010	406	40	18	27	15	5
May 2010	420	58	20	34	22	7
Jun 2010	426	68	21	32	22	9
Jul 2010	452	41	33	41	22	10
Aug 2010	430	41	38	45	23	10
Sep 2010	256	39	35	42	21	4
Summer 2010	2390	287	165	221	126	44
Oct 2010	264	41	24	29	15	5
Nov 2010	257	39	14	18	10	6
Dec 2010	342	40	21	27	14	6
Jan 2011	425	40	21	27	14	5
Feb 2011	337	36	18	24	12	5
Mar 2011	378	40	18	24	13	5
Winter 2011	2002	238	117	149	77	31
Apr 2011	410	39	18	27	15	5
May 2011	420	55	18	32	21	7
Jun 2011	427	68	21	32	22	9

BUREAU OF RECLAMATION - CRFS 7/2009 MOST PROB WATER SUPPLY JOB STARTED:Fri JUL 10 11:58:19 2009

model_run_id = 2025

FLOOD CONTROL CRITERIA
BEGINNING OF MONTH CONDITIONS

MON	YEAR	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	LAKE POWELL KAF	UPPER BASIN TOTAL KAF	LAKE MEAD KAF	TOTAL KAF	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	TOT OR MAX ALLOW KAF	LAKE POWELL KAF	LAKE MEAD KAF	TOTAL KAF	BOM SPACE REQD KAF	MEAD SCHED REL KAF	MEAD FC REL KAF	SYS CONT MAF
		* * * * PREDICTED SPACE * * * *							* * * * EFFECTIVE SPACE * * * *									
JUL	2009	422	3	217	8259	8900	16309	25209	138	-28	68	178	8259	16309	24746	1500	827	0	35.8
									* * * * CREDITABLE SPACE * * * *									
AUG	2009	304	27	195	8109	8635	16376	25011	304	27	195	527	8109	16376	25011	1500	796	0	35.5
SEP	2009	361	76	207	8271	8915	16373	25288	361	76	207	644	8271	16373	25288	2270	672	0	35.1
OCT	2009	437	144	219	8299	9099	16460	25559	437	144	219	800	8299	16460	25559	3040	486	0	34.9
NOV	2009	496	182	219	8357	9254	16352	25607	496	182	219	897	8357	16352	25607	3810	567	0	34.8
DEC	2009	553	197	219	8403	9373	16324	25697	553	197	219	970	8403	16324	25697	4580	577	0	34.8
JAN	2010	631	248	230	8752	9861	16021	25882	631	248	230	1109	8752	16021	25882	5350	674	0	34.6
									* * * * EFFECTIVE SPACE * * * *									
JAN	2010	631	248	230	8752	9861	16021	25882	318	248	151	717	8752	16021	25490	5350	674	0	34.6
FEB	2010	705	295	242	9222	10464	15640	26104	391	295	162	848	9222	15640	25710	1500	673	0	34.4
MAR	2010	764	334	242	9528	10868	15440	26308	448	334	161	943	9528	15440	25911	1500	1004	0	34.1
APR	2010	778	361	228	9787	11154	15502	26656	458	361	141	961	9787	15502	26250	1500	1139	0	33.9
MAY	2010	752	353	158	9948	11211	15648	26859	426	353	53	832	9948	15648	26428	1500	1004	0	34.9
JUN	2010	658	220	175	9155	10207	15662	25869	322	217	37	576	9155	15662	25393	1500	897	0	36.6
JUL	2010	461	42	233	7874	8610	15625	24235	109	15	48	171	7874	15625	23670	1500	898	0	36.9
									* * * * CREDITABLE SPACE * * * *									
AUG	2010	370	27	236	7758	8391	15522	23913	370	27	236	633	7758	15522	23913	1500	816	0	36.6
SEP	2010	399	77	246	8117	8839	15350	24188	399	77	246	722	8117	15350	24188	2270	674	0	36.2
OCT	2010	459	147	244	8163	9013	15436	24449	459	147	244	850	8163	15436	24449	3040	448	0	36.1
NOV	2010	518	186	240	8217	9161	15290	24451	518	186	240	944	8217	15290	24451	3810	511	0	36.1
DEC	2010	577	203	240	8256	9276	15205	24482	577	203	240	1020	8256	15205	24482	4580	526	0	36.0
JAN	2011	652	248	250	8520	9669	14945	24614	652	248	250	1150	8520	14945	24614	5350	674	0	35.9
									* * * * EFFECTIVE SPACE * * * *									
JAN	2011	652	248	250	8520	9669	14945	24614	336	248	217	801	8520	14945	24266	5350	674	0	35.9
FEB	2011	723	295	260	8993	10271	14565	24835	406	295	227	928	8993	14565	24485	1500	667	0	35.7
MAR	2011	779	334	259	9302	10674	14360	25034	460	334	225	1019	9302	14360	24681	1500	1004	0	35.4
APR	2011	790	361	213	9592	10956	14425	25381	468	361	172	1001	9592	14425	25018	1500	1137	0	35.2
MAY	2011	761	353	116	9784	11015	14566	25581	433	353	57	843	9784	14566	25193	1500	1004	0	36.2
JUN	2011	660	216	130	9004	10010	14582	24592	321	213	38	572	9004	14582	24159	1500	894	0	37.9

To: All Annual Operating Plan Recipients

From: Lower Colorado Region
Boulder Canyon Operations Office
River Operations Group
Bruce Williams
P.O. Box 61470
Boulder City, NV 89006-1470
Phone: 702-293-8571

The operation of Lake Powell and Lake Mead in this September 2009 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines), and reflects the 2009 Annual Operating Plan (AOP). Pursuant to the Interim Guidelines, the August 24-Month Study projections of the January 1 system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead. If the operating tier for the year is the Upper Elevation Balancing Tier, an adjustment may be made in April based on the April 24-Month Study projection of the September 30 system storage and reservoir water surface elevations.

The Upper Elevation Balancing Tier is the operational tier for water year 2009 for Glen Canyon Dam. The Intentionally Created Surplus (ICS) Surplus condition is the criterion governing the operation of Lake Mead for calendar year 2009.

The April 24-Month Study projected the end of water year elevation at Lake Powell to be below the 2009 Equalization Elevation of 3639 feet and the projected end of water year elevation at Lake Mead to be above elevation 1075 feet. Pursuant to Sections 6.B.1. and 6.B.4. of the Interim Guidelines, the annual release volume will be 8.23 million acre-feet from Glen Canyon Dam during water year 2009 which is reflected in this September 24-Month Study.

This 24-Month Study currently projects Lake Powell's 2010 end of water year elevation to be above the 2010 Equalization Elevation of 3642 feet under an 8.23 maf release. Pursuant to the Interim Guidelines, an April 2010 adjustment is projected such that operating tier at Lake Powell would shift to the Equalization Tier during 2010. Based on analysis of inflow scenarios, currently the probability of an April adjustment in 2010 is approximately 65 percent.

The Interim Guidelines are available for download at http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf. The 2009 AOP is available for download at http://www.usbr.gov/uc/water/rsvrs/ops/aop/AOP09_final.pdf.

Current runoff projections into Lake Powell are provided by the National Weather Service's Colorado Basin River Forecast Center and are as follows: Observed unregulated inflow into Lake Powell for the month of August 2009 was 0.323 maf or 53% of the 30 year average. The forecast for September 2009 unregulated inflow into Lake Powell is 0.400 maf or 84% of the 30 year average. The observed April through July unregulated inflow is 7.814 maf or 99% of average.

In this study, the Calendar Year (CY) 2009 diversion for Metropolitan Water District of Southern California (MWD) is forecasted to be 1.101 maf. The CY 2009 diversion for the Central Arizona Project (CAP) is forecasted to be 1.568 maf. Consumptive use for Nevada above Hoover is forecasted to be 0.318 maf for CY 2009.

Due to declining Lake Mead elevations, Hoover's generator capacity is adjusted based on estimated effective capacity and plant availability. The estimated effective capacity is based on projected Lake Mead elevations. Unit capacity tests will be performed as the lake elevation changes in 2-foot increments. This study reflects these changes in the projections.

Hoover, Davis, and Parker historical gross energy figures come from PO&M reports provided by the Power and O&M Group, Boulder Canyon Operations Office, Bureau of Reclamation, Boulder City, Nevada. Questions regarding these historical energy numbers can be directed to Larry Karr at (702) 293-8094.

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Fontenelle Reservoir

		Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Sep 2008	36	2	63	0	63	6493.80	254
	WY 2008	837	14	712	44	756		
H	Oct 2008	43	1	65	0	65	6490.51	231
I	Nov 2008	41	1	48	13	61	6487.43	211
S	Dec 2008	30	1	26	35	60	6482.26	180
T	Jan 2009	33	1	61	0	61	6476.93	151
O	Feb 2009	27	0	53	0	53	6471.15	124
R	Mar 2009	46	0	59	0	59	6467.98	111
I	Apr 2009	91	1	57	0	57	6475.63	145
C	May 2009	152	1	62	1	64	6490.46	231
A	Jun 2009	477	3	91	285	376	6504.01	330
L	Jul 2009	247	3	88	145	233	6505.36	341
*	Aug 2009	72	2	98	6	104	6500.77	305
	Sep 2009	50	2	65	0	65	6498.47	288
	WY 2009	1307	15	772	485	1257		
	Oct 2009	50	1	14	48	61	6496.74	275
	Nov 2009	42	1	0	59	59	6494.19	257
	Dec 2009	37	1	76	0	76	6488.32	217
	Jan 2010	33	1	76	0	76	6481.30	174
	Feb 2010	32	1	68	0	68	6474.08	137
	Mar 2010	49	0	75	0	75	6468.00	111
	Apr 2010	93	1	89	0	89	6468.77	114
	May 2010	185	1	99	12	111	6483.54	187
	Jun 2010	320	2	103	102	205	6500.12	300
	Jul 2010	180	3	101	35	135	6505.52	342
	Aug 2010	80	2	100	5	105	6502.10	315
	Sep 2010	53	2	39	29	68	6499.89	298
	WY 2010	1154	15	839	289	1128		
	Oct 2010	49	1	54	16	70	6496.76	275
	Nov 2010	41	1	68	0	68	6492.89	248
	Dec 2010	32	1	70	0	70	6487.01	209
	Jan 2011	30	1	70	0	70	6480.21	168
	Feb 2011	28	0	64	0	64	6472.84	132
	Mar 2011	52	0	70	0	70	6468.37	112
	Apr 2011	89	1	83	0	83	6469.67	118
	May 2011	176	1	99	5	104	6483.81	189
	Jun 2011	307	2	103	93	196	6499.77	297
	Jul 2011	185	3	101	37	138	6505.47	341
	Aug 2011	82	2	100	5	105	6502.35	317

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Flaming Gorge Reservoir

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Yampa Flow 1000 Ac-Ft	Jensen Flow 1000 Ac-Ft
*	Sep 2008	40	67	10	89	0	89	84	6021.25	3024	22	126
	WY 2008	1018	937	75	893	10	902					3017
H	Oct 2008	45	67	7	71	0	71	83	6020.97	3014	21	119
I	Nov 2008	47	66	3	65	0	65	83	6020.91	3012	0	107
S	Dec 2008	17	48	2	79	0	79	82	6020.01	2980	0	116
T	Jan 2009	39	67	2	80	0	80	82	6019.63	2967	0	752
O	Feb 2009	37	64	2	62	0	62	82	6019.63	2967	0	104
R	Mar 2009	62	75	3	52	0	52	82	6020.18	2986	0	140
I	Apr 2009	127	93	5	50	0	50	84	6021.21	3023	0	312
C	May 2009	212	125	7	150	0	150	83	6020.33	2991	758	883
A	Jun 2009	573	472	10	96	0	96	97	6029.83	3342	517	624
L	Jul 2009	284	271	14	117	0	117	102	6033.29	3478	109	247
*	Aug 2009	71	106	13	124	0	124	101	6032.51	3447	20	161
	Sep 2009	55	70	11	120	0	120	98	6031.00	3388	0	120
	WY 2009	1570	1524	79	1066	0	1066					3685
	Oct 2009	55	66	7	108	0	108	97	6029.80	3341	0	108
	Nov 2009	50	68	3	103	0	103	95	6028.83	3304	0	103
	Dec 2009	45	84	2	106	0	106	94	6028.22	3281	0	106
	Jan 2010	40	83	2	110	0	110	93	6027.49	3253	0	110
	Feb 2010	40	76	2	96	0	96	92	6026.93	3232	0	96
	Mar 2010	72	98	3	106	0	106	92	6026.65	3222	0	106
	Apr 2010	120	116	5	103	0	103	92	6026.87	3230	0	103
	May 2010	230	156	8	152	0	152	92	6026.78	3226	0	152
	Jun 2010	375	260	10	182	0	182	95	6028.50	3291	0	182
	Jul 2010	195	150	14	101	0	101	96	6029.38	3325	0	101
	Aug 2010	88	113	13	101	0	101	96	6029.34	3324	0	101
	Sep 2010	60	75	11	98	0	98	95	6028.48	3291	0	98
	WY 2010	1370	1344	80	1365	0	1365					1365
	Oct 2010	59	81	7	101	0	101	93	6027.77	3264	0	101
	Nov 2010	51	77	3	98	0	98	93	6027.15	3240	0	98
	Dec 2010	36	74	2	101	0	101	91	6026.41	3213	0	101
	Jan 2011	41	81	2	105	0	105	90	6025.75	3188	0	105
	Feb 2011	45	81	2	92	0	92	90	6025.43	3176	0	92
	Mar 2011	103	122	3	101	0	101	91	6025.89	3193	0	101
	Apr 2011	142	136	5	98	0	98	92	6026.74	3225	0	98
	May 2011	263	191	8	143	0	143	93	6027.77	3264	0	143
	Jun 2011	400	289	10	186	0	186	97	6030.09	3353	0	186
	Jul 2011	219	172	14	112	0	112	99	6031.24	3397	0	112
	Aug 2011	96	119	13	112	0	112	99	6031.08	3391	0	112

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Taylor Park Reservoir

		Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Sep 2008	8	15	9311.36	72
	WY 2008	184	189		
H	Oct 2008	7	7	9311.31	72
I	Nov 2008	5	5	9311.19	72
S	Dec 2008	5	5	9311.34	72
T	Jan 2009	5	5	9311.21	72
O	Feb 2009	4	5	9310.95	71
R	Mar 2009	4	5	9310.68	71
I	Apr 2009	11	5	9314.31	77
C	May 2009	46	20	9328.38	103
A	Jun 2009	37	35	9329.45	105
L	Jul 2009	16	26	9324.35	95
*	Aug 2009	7	19	9317.60	83
	Sep 2009	7	16	9312.32	74
	WY 2009	154	152		
	Oct 2009	7	10	9310.47	71
	Nov 2009	6	6	9310.47	71
	Dec 2009	5	6	9309.84	70
	Jan 2010	5	6	9309.21	69
	Feb 2010	4	6	9307.92	67
	Mar 2010	4	6	9306.61	65
	Apr 2010	8	8	9306.61	65
	May 2010	27	18	9312.32	74
	Jun 2010	43	20	9325.17	97
	Jul 2010	17	22	9322.54	92
	Aug 2010	9	22	9315.30	79
	Sep 2010	7	15	9310.47	71
	WY 2010	142	145		
	Oct 2010	6	10	9308.02	67
	Nov 2010	5	6	9307.33	66
	Dec 2010	4	6	9306.33	64
	Jan 2011	4	6	9305.11	62
	Feb 2011	4	6	9303.55	60
	Mar 2011	4	6	9302.32	58
	Apr 2011	8	8	9302.55	59
	May 2011	27	16	9309.99	70
	Jun 2011	43	20	9323.14	93
	Jul 2011	20	22	9322.30	91
	Aug 2011	10	22	9315.63	79

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Blue Mesa Reservoir

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Sep 2008	35	42	1	115	0	115	7498.61	650
	WY 2008	1271	1277	8	1235	70	1305		
H	Oct 2008	33	33	1	85	0	85	7492.14	598
I	Nov 2008	27	28	0	33	0	33	7491.42	592
S	Dec 2008	28	27	0	36	0	36	7490.25	583
T	Jan 2009	26	27	0	39	0	39	7488.62	571
O	Feb 2009	24	24	0	42	0	42	7486.19	552
R	Mar 2009	40	40	0	49	0	49	7484.97	543
I	Apr 2009	104	99	1	61	0	61	7489.84	580
C	May 2009	344	317	1	110	10	120	7513.48	776
A	Jun 2009	229	227	1	172	3	175	7519.02	826
L	Jul 2009	95	105	2	144	0	144	7514.49	785
*	Aug 2009	42	54	1	128	0	128	7505.48	707
	Sep 2009	39	48	1	89	0	89	7500.46	665
	WY 2009	1030	1029	9	989	13	1002		
	Oct 2009	40	43	1	58	0	58	7498.56	650
	Nov 2009	33	33	0	29	0	29	7499.02	653
	Dec 2009	29	30	0	102	0	102	7490.01	581
	Jan 2010	26	27	0	98	0	98	7480.58	510
	Feb 2010	22	24	0	55	0	55	7476.25	479
	Mar 2010	33	35	0	40	0	40	7475.49	474
	Apr 2010	77	77	1	42	0	42	7480.27	508
	May 2010	210	201	1	64	0	64	7497.87	644
	Jun 2010	265	242	1	68	0	68	7517.91	816
	Jul 2010	96	101	2	113	0	113	7516.41	803
	Aug 2010	52	65	1	121	0	121	7509.94	745
	Sep 2010	41	49	1	105	0	105	7503.26	688
	WY 2010	924	927	9	895	0	895		
	Oct 2010	36	39	1	58	0	58	7500.96	669
	Nov 2010	31	32	0	29	0	29	7501.30	672
	Dec 2010	25	27	0	117	0	117	7490.01	581
	Jan 2011	24	26	0	92	0	92	7481.31	516
	Feb 2011	22	24	0	60	0	60	7476.32	480
	Mar 2011	34	36	0	43	0	43	7475.27	472
	Apr 2011	73	73	1	54	0	54	7477.77	490
	May 2011	212	201	1	74	0	74	7494.37	616
	Jun 2011	271	248	1	71	0	71	7515.23	792
	Jul 2011	121	122	2	110	0	110	7516.41	803
	Aug 2011	62	74	1	122	0	122	7510.79	753

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Morrow Point Reservoir

		Unreg Inflow 1000 Ac-Ft	Blue_Mesa Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Evap losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Sep 2008	35	115	0	115	0	115	0	115	7155.78	114
	WY 2008	1351	1305	79	1385	1	1358	27	1385		
H	Oct 2008	33	85	0	85	0	86	0	86	7153.95	112
I	Nov 2008	29	33	2	35	0	35	0	35	7153.60	112
S	Dec 2008	29	36	2	38	0	39	0	39	7152.11	111
T	Jan 2009	28	39	1	40	0	43	0	43	7148.12	108
O	Feb 2009	24	42	1	43	0	45	0	45	7145.98	106
R	Mar 2009	42	49	2	51	0	43	6	49	7147.72	107
I	Apr 2009	119	61	14	75	0	69	0	69	7155.78	114
C	May 2009	377	120	34	154	0	153	2	155	7154.23	112
A	Jun 2009	241	175	12	188	0	184	0	184	7158.19	116
L	Jul 2009	97	144	2	146	0	148	0	148	7155.33	113
*	Aug 2009	42	128	0	128	0	129	0	129	7154.96	113
	Sep 2009	42	89	3	92	0	93	0	93	7153.73	112
	WY 2009	1103	1002	73	1074	1	1067	8	1076		
	Oct 2009	43	58	3	61	0	61	0	61	7153.73	112
	Nov 2009	35	29	2	31	0	31	0	31	7153.73	112
	Dec 2009	31	102	2	104	0	104	0	104	7153.73	112
	Jan 2010	28	98	2	100	0	100	0	100	7153.73	112
	Feb 2010	24	55	2	57	0	57	0	57	7153.73	112
	Mar 2010	36	40	3	43	0	43	0	43	7153.73	112
	Apr 2010	91	42	14	56	0	56	0	56	7153.73	112
	May 2010	235	64	25	89	0	89	0	89	7153.73	112
	Jun 2010	285	68	20	88	0	88	0	88	7153.73	112
	Jul 2010	105	113	9	122	0	122	0	122	7153.73	112
	Aug 2010	56	121	4	125	0	125	0	125	7153.73	112
	Sep 2010	45	105	4	109	0	109	0	109	7153.73	112
	WY 2010	1014	895	90	985	0	985	0	985		
	Oct 2010	38	58	3	61	0	61	0	61	7153.73	112
	Nov 2010	33	29	2	31	0	31	0	31	7153.73	112
	Dec 2010	27	117	2	119	0	119	0	119	7153.73	112
	Jan 2011	26	92	2	94	0	94	0	94	7153.73	112
	Feb 2011	25	60	3	63	0	63	0	63	7153.73	112
	Mar 2011	38	43	4	47	0	47	0	47	7153.73	112
	Apr 2011	84	54	11	65	0	65	0	65	7153.73	112
	May 2011	237	74	25	99	0	99	0	99	7153.73	112
	Jun 2011	292	71	21	92	0	92	0	92	7153.73	112
	Jul 2011	127	110	7	117	0	117	0	117	7153.73	112
	Aug 2011	65	122	4	126	0	126	0	126	7153.73	112

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Crystal Reservoir

	unreg Inflow 1000 Ac-Ft	Morrow Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Tunnel Flow 1000 Ac-Ft	Below_tunnel Flow 1000 Ac-Ft
* Sep 2008	38	115	3	118	118	0	118	6741.71	14	61	63
WY 2008	1520	1385	169	1554	1164	392	1555			356	1283
H Oct 2008	36	86	3	89	89	0	89	6744.34	15	55	45
I Nov 2008	33	35	4	38	39	0	39	6742.20	14	1	40
S Dec 2008	32	39	3	42	42	0	42	6742.53	14	1	43
T Jan 2009	31	43	4	47	38	9	47	6741.02	14	1	49
O Feb 2009	28	45	3	48	24	20	45	6752.05	17	1	46
R Mar 2009	47	49	5	55	55	0	55	6751.30	16	10	47
I Apr 2009	130	69	12	81	80	0	80	6752.70	17	36	48
C May 2009	429	155	53	207	120	87	207	6752.57	17	55	160
A Jun 2009	264	184	23	207	116	91	207	6753.30	17	59	160
L Jul 2009	104	148	7	156	128	30	158	6743.22	14	68	101
* Aug 2009	44	129	2	131	130	0	130	6746.30	15	67	70
Sep 2009	48	93	6	99	97	0	97	6753.04	17	55	42
WY 2009	1226	1076	124	1200	959	237	1196			408	851
Oct 2009	49	61	6	67	67	0	67	6753.04	17	30	37
Nov 2009	40	31	5	36	36	0	36	6753.04	17	0	36
Dec 2009	35	104	4	108	108	0	108	6753.04	17	0	108
Jan 2010	31	100	3	103	103	0	103	6753.04	17	0	103
Feb 2010	27	57	3	60	60	0	60	6753.04	17	0	60
Mar 2010	41	43	5	48	48	0	48	6753.04	17	5	43
Apr 2010	107	56	16	72	72	0	72	6753.04	17	30	42
May 2010	280	89	45	134	134	0	134	6753.04	17	55	79
Jun 2010	320	88	35	123	123	0	123	6753.04	17	60	63
Jul 2010	117	122	12	134	134	0	134	6753.04	17	65	69
Aug 2010	65	125	9	134	134	0	134	6753.04	17	65	69
Sep 2010	52	109	7	116	116	0	116	6753.04	17	55	61
WY 2010	1164	985	150	1135	1135	0	1135			365	770
Oct 2010	44	61	6	67	67	0	67	6753.04	17	30	37
Nov 2010	38	31	5	36	36	0	36	6753.04	17	0	36
Dec 2010	32	119	5	124	124	0	124	6753.04	17	0	124
Jan 2011	31	94	5	99	99	0	99	6753.04	17	0	99
Feb 2011	29	63	4	67	67	0	67	6753.04	17	0	67
Mar 2011	46	47	7	54	54	0	54	6753.04	17	5	49
Apr 2011	96	65	12	78	78	0	78	6753.04	17	30	48
May 2011	272	99	35	134	134	0	134	6753.04	17	55	79
Jun 2011	330	92	38	130	130	0	130	6753.04	17	60	70
Jul 2011	144	117	17	134	134	0	134	6753.04	17	65	69
Aug 2011	74	126	8	134	134	0	134	6753.04	17	65	69

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Vallecito Reservoir

		Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Sep 2008	11	31	7642.57	70
	WY 2008	309	319		
H	Oct 2008	9	14	7640.18	65
I	Nov 2008	5	2	7641.75	68
S	Dec 2008	5	2	7643.06	71
T	Jan 2009	5	2	7644.39	74
O	Feb 2009	5	2	7645.61	77
R	Mar 2009	8	4	7647.33	81
I	Apr 2009	22	10	7652.11	92
C	May 2009	98	66	7664.50	124
A	Jun 2009	44	43	7664.64	124
L	Jul 2009	19	39	7656.79	104
*	Aug 2009	9	39	7643.09	71
	Sep 2009	10	28	7634.29	53
	WY 2009	240	252		
	Oct 2009	10	18	7629.58	44
	Nov 2009	7	6	7630.10	45
	Dec 2009	5	3	7631.40	47
	Jan 2010	5	3	7632.40	49
	Feb 2010	4	3	7633.00	50
	Mar 2010	7	3	7634.95	54
	Apr 2010	21	12	7639.26	63
	May 2010	72	40	7653.01	94
	Jun 2010	79	50	7664.15	123
	Jul 2010	28	43	7658.24	108
	Aug 2010	18	42	7648.36	83
	Sep 2010	17	32	7641.60	68
	WY 2010	273	255		
	Oct 2010	14	19	7639.04	62
	Nov 2010	8	7	7639.65	64
	Dec 2010	6	5	7640.10	64
	Jan 2011	5	5	7640.33	65
	Feb 2011	5	4	7640.48	65
	Mar 2011	8	5	7642.00	69
	Apr 2011	22	13	7645.89	77
	May 2011	69	43	7656.59	103
	Jun 2011	78	56	7664.59	124
	Jul 2011	31	43	7659.80	112
	Aug 2011	19	40	7651.37	90

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Navajo Reservoir

		Mod_Unreg Inflow 1000 Ac-Ft	Azetea Tunnel_Div 1000 Ac-Ft	Reg Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	NIIP Diversion 1000 ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Farm Flow 1000 Ac-Ft
*	Sep 2008	31	2	48	3	22	45	6057.74	1318	57
	WY 2008	1355	145	1219	28	206	1185			1887
H	Oct 2008	28	0	34	2	11	32	6056.83	1308	45
I	Nov 2008	21	0	17	1	0	30	6055.68	1294	47
S	Dec 2008	19	0	16	1	0	31	6054.38	1277	48
T	Jan 2009	23	0	20	1	1	32	6053.29	1264	54
O	Feb 2009	28	1	24	1	0	28	6052.85	1260	50
R	Mar 2009	76	6	65	2	5	31	6055.13	1288	61
I	Apr 2009	125	19	97	2	19	30	6058.76	1337	69
C	May 2009	361	52	275	4	29	59	6072.47	1515	251
A	Jun 2009	146	24	120	5	36	115	6069.92	1479	184
L	Jul 2009	25	4	40	5	43	49	6065.70	1422	77
*	Aug 2009	-10	0	21	4	42	50	6059.80	1345	64
	Sep 2009	16	0	34	3	19	37	6057.82	1320	37
	WY 2009	857	107	763	28	207	525			987
	Oct 2009	32	0	40	2	7	31	6057.89	1321	31
	Nov 2009	31	0	30	1	0	30	6057.83	1320	30
	Dec 2009	24	0	22	1	0	31	6057.04	1311	31
	Jan 2010	23	0	21	1	0	31	6056.20	1300	31
	Feb 2010	27	0	26	1	0	28	6055.97	1297	28
	Mar 2010	83	1	79	2	4	31	6059.34	1339	31
	Apr 2010	156	15	132	3	16	30	6065.76	1423	30
	May 2010	280	34	214	4	28	121	6070.24	1484	121
	Jun 2010	240	28	182	5	43	182	6066.72	1436	182
	Jul 2010	66	4	77	5	46	31	6066.43	1432	31
	Aug 2010	41	2	63	4	39	31	6065.65	1421	31
	Sep 2010	41	1	55	3	22	30	6065.70	1422	30
	WY 2010	1044	85	940	28	205	605			605
	Oct 2010	40	0	46	2	7	31	6066.14	1428	31
	Nov 2010	33	0	32	1	1	30	6066.11	1428	30
	Dec 2010	24	0	23	1	1	31	6065.38	1418	31
	Jan 2011	22	0	21	1	0	31	6064.61	1408	31
	Feb 2011	30	0	30	1	0	28	6064.69	1409	28
	Mar 2011	88	2	83	2	4	31	6068.15	1455	31
	Apr 2011	174	16	149	3	16	34	6075.01	1551	34
	May 2011	279	33	219	4	28	200	6074.08	1538	200
	Jun 2011	246	29	196	5	43	212	6069.49	1473	212
	Jul 2011	74	7	79	5	46	31	6069.32	1471	31
	Aug 2011	43	3	61	4	39	31	6068.45	1459	31

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Lake Powell

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	PowerPlant Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Bank Storage 1000 Ac-Ft	EOM Storage 1000 Ac-Ft	Lees Ferry 1000 Ac-Ft
*	Sep 2008	390	555	56	723	0	723	3626.90	17423	14509	738
	WY 2008	12344	12417	396	8885	93	8978				9164
H	Oct 2008	382	498	38	749	0	749	3623.82	17470	14172	762
I	Nov 2008	419	455	36	603	0	603	3621.90	17493	13966	612
S	Dec 2008	312	386	28	801	0	801	3617.89	17478	13541	818
T	Jan 2009	329	394	9	802	0	802	3614.17	17444	13155	822
O	Feb 2009	323	377	9	602	0	602	3612.05	17426	12938	612
R	Mar 2009	470	445	16	626	0	626	3610.43	17393	12774	632
I	Apr 2009	788	669	25	604	0	604	3611.26	17350	12858	611
C	May 2009	2921	2446	31	582	0	582	3629.09	17297	14751	586
A	Jun 2009	2701	2217	54	662	0	662	3640.49	17498	16061	670
L	Jul 2009	1369	1201	67	803	0	803	3641.14	17760	16138	828
*	Aug 2009	322	534	66	802	0	802	3637.41	17854	15699	829
	Sep 2009	400	555	48	595	0	595	3636.70	17847	15617	595
	WY 2009	10735	10177	426	8231	0	8231				8378
	Oct 2009	475	552	43	615	0	615	3635.85	17839	15518	615
	Nov 2009	475	522	36	690	0	690	3634.21	17824	15330	690
	Dec 2009	425	566	30	855	0	855	3631.62	17800	15035	855
	Jan 2010	375	524	22	955	0	955	3627.87	17767	14615	955
	Feb 2010	375	465	20	800	0	800	3624.87	17741	14286	800
	Mar 2010	650	643	25	900	0	900	3622.46	17720	14025	900
	Apr 2010	1000	853	28	1000	0	1000	3620.93	17707	13862	1000
	May 2010	2300	1979	39	1010	0	1010	3628.84	17776	14724	1010
	Jun 2010	2800	2425	47	1036	0	1036	3639.68	17875	15966	1036
	Jul 2010	1150	1088	55	1076	0	1076	3639.35	17872	15926	1076
	Aug 2010	500	613	56	1025	0	1025	3635.63	17837	15492	1025
	Sep 2010	450	564	48	595	0	595	3634.99	17831	15419	595
	WY 2010	10975	10793	450	10557	0	10557				10557
	Oct 2010	514	577	43	615	0	615	3634.33	17825	15344	615
	Nov 2010	523	567	36	600	0	600	3633.77	17820	15280	600
	Dec 2010	414	579	30	800	0	800	3631.73	17802	15048	800
	Jan 2011	384	525	22	800	0	800	3629.28	17779	14772	800
	Feb 2011	394	476	21	700	0	700	3627.24	17761	14546	700
	Mar 2011	628	583	26	700	0	700	3626.04	17751	14414	700
	Apr 2011	950	780	29	700	0	700	3626.47	17755	14461	700
	May 2011	2161	1886	40	877	0	877	3634.45	17826	15357	877
	Jun 2011	2811	2435	49	1000	0	1000	3645.33	17929	16641	1000
	Jul 2011	1346	1238	57	1050	0	1050	3646.32	17939	16762	1050
	Aug 2011	566	671	58	1000	0	1000	3643.37	17910	16405	1000

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Hoover Dam - Lake Mead

		Glen Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release CFS	SNWP Use 1000 Ac-Ft	Dwnstrm Reqmnts 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
*	Sep 2008	723	77	64	652	11.0	22	642	781	1105.76	12013
	WY 2008	8978	912	606	9531		278	9468			
H	Oct 2008	749	47	47	508	8.3	26	498	794	1107.94	12213
I	Nov 2008	603	74	47	675	11.3	15	659	790	1107.33	12157
S	Dec 2008	801	62	41	453	7.4	8	432	812	1110.97	12496
T	Jan 2009	802	63	34	741	12.1	9	739	817	1111.78	12572
O	Feb 2009	602	82	31	679	12.2	9	669	815	1111.43	12539
R	Mar 2009	626	62	34	1037	16.9	17	1036	791	1107.40	12164
I	Apr 2009	604	36	42	1174	19.7	20	1169	754	1101.26	11604
C	May 2009	582	63	47	977	15.9	33	968	729	1096.92	11217
A	Jun 2009	662	13	56	750	12.6	25	748	720	1095.26	11071
L	Jul 2009	803	39	70	840	13.7	31	838	714	1094.20	10978
*	Aug 2009	802	60	74	801	13.0	31	792	711	1093.73	10938
	Sep 2009	595	78	61	640	10.7	36	640	707	1093.04	10877
	WY 2009	8231	679	585	9275		258	9188			
	Oct 2009	615	73	44	499	8.1	45	499	713	1094.11	10970
	Nov 2009	690	73	45	615	10.3	34	615	717	1094.86	11035
	Dec 2009	855	65	39	581	9.5	28	581	734	1097.75	11290
	Jan 2010	955	131	32	675	11.0	19	675	756	1101.53	11628
	Feb 2010	800	134	30	673	12.1	18	673	769	1103.74	11828
	Mar 2010	900	96	34	1004	16.3	26	1004	765	1103.04	11765
	Apr 2010	1000	75	42	1137	19.1	24	1137	757	1101.72	11645
	May 2010	1010	70	48	1004	16.3	33	1004	757	1101.66	11640
	Jun 2010	1036	24	58	897	15.1	31	897	761	1102.43	11710
	Jul 2010	1076	61	73	898	14.6	33	898	769	1103.82	11836
	Aug 2010	1025	110	78	816	13.3	34	816	782	1105.96	12031
	Sep 2010	595	78	64	674	11.3	29	674	776	1105.00	11943
	WY 2010	10557	990	585	9473		354	9473			
	Oct 2010	615	73	47	448	7.3	38	448	786	1106.58	12089
	Nov 2010	600	73	47	537	9.0	26	537	790	1107.22	12148
	Dec 2010	800	65	41	501	8.1	20	501	808	1110.29	12433
	Jan 2011	800	131	34	674	11.0	20	674	821	1112.32	12624
	Feb 2011	700	134	31	667	12.0	19	667	828	1113.49	12734
	Mar 2011	700	96	35	1004	16.3	27	1004	811	1110.80	12481
	Apr 2011	700	75	43	1135	19.1	24	1135	785	1106.48	12080
	May 2011	877	70	49	1004	16.3	33	1004	777	1105.06	11949
	Jun 2011	1000	24	59	894	15.0	31	894	779	1105.47	11987
	Jul 2011	1050	61	74	895	14.6	33	895	786	1106.59	12089
	Aug 2011	1000	110	79	814	13.2	34	814	797	1108.45	12262

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Davis Dam - Lake Mohave

		Hoover Release 1000 Ac-Ft	Side inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Spill Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
*	Sep 2008	652	-15	698	0	698	11.7	638.80	1585
	WY 2008	9531	-285	9205	0	9205			
H	Oct 2008	508	-18	632	0	632	10.3	633.37	1444
I	Nov 2008	675	-23	603	0	603	10.1	635.28	1493
S	Dec 2008	453	-23	339	0	339	5.5	638.77	1585
T	Jan 2009	741	-25	655	0	655	10.6	641.08	1647
O	Feb 2009	679	-18	629	0	629	11.3	642.29	1679
R	Mar 2009	1037	-27	1035	0	1035	16.8	641.38	1655
I	Apr 2009	1174	-30	1097	0	1097	18.4	643.11	1702
C	May 2009	977	-28	916	0	916	14.9	644.36	1736
A	Jun 2009	750	-28	788	0	788	13.2	641.92	1669
L	Jul 2009	840	-20	835	0	835	13.6	641.37	1654
*	Aug 2009	801	-31	756	0	756	12.3	641.90	1669
	Sep 2009	640	-17	754	0	754	12.7	637.00	1538
	WY 2009	9275	-287	9036	0	9036			
	Oct 2009	499	-4	573	0	573	9.3	634.00	1460
	Nov 2009	615	-18	572	0	572	9.6	635.00	1486
	Dec 2009	581	-20	464	0	464	7.6	638.71	1583
	Jan 2010	675	-22	569	0	569	9.3	641.80	1666
	Feb 2010	673	-15	659	0	659	11.9	641.80	1666
	Mar 2010	1004	-26	943	0	943	15.3	643.05	1700
	Apr 2010	1137	-28	1110	0	1110	18.7	643.00	1699
	May 2010	1004	-35	969	0	969	15.8	643.00	1699
	Jun 2010	897	-27	897	0	897	15.1	642.00	1671
	Jul 2010	898	-23	888	0	888	14.4	641.50	1658
	Aug 2010	816	-25	791	0	791	12.9	641.50	1658
	Sep 2010	674	-17	751	0	751	12.6	638.00	1564
	WY 2010	9473	-260	9186	0	9186			
	Oct 2010	448	-4	574	0	574	9.3	633.00	1434
	Nov 2010	537	-18	467	0	467	7.9	635.00	1486
	Dec 2010	501	-20	384	0	384	6.2	638.71	1583
	Jan 2011	674	-22	568	0	568	9.2	641.80	1666
	Feb 2011	667	-15	652	0	652	11.7	641.80	1666
	Mar 2011	1004	-26	944	0	944	15.3	643.05	1700
	Apr 2011	1135	-28	1109	0	1109	18.6	643.00	1699
	May 2011	1004	-35	969	0	969	15.8	643.00	1699
	Jun 2011	894	-27	894	0	894	15.0	642.00	1671
	Jul 2011	895	-23	886	0	886	14.4	641.50	1658
	Aug 2011	814	-25	789	0	789	12.8	641.50	1658

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Parker Dam - Lake Havasu

		Davis Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	MWD Diversion 1000 Ac-Ft	CAP diversion 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft	Flow_to Mexico 1000 Ac-Ft	Flow_to Mexico 1000 CFS
*	Sep 2008	698	-10	519	8.7	82	94	448.19	584	99	1.7
	WY 2008	9205	-80	6691		803	1622			1560	
H	Oct 2008	632	3	452	7.4	77	136	446.55	553	84	1.4
I	Nov 2008	603	16	379	6.4	53	168	447.54	571	118	2.0
S	Dec 2008	339	15	236	3.8	67	65	446.81	558	139	2.3
T	Jan 2009	655	-6	379	6.2	100	171	446.67	555	121	2.0
O	Feb 2009	629	3	397	7.2	82	162	446.08	544	162	2.9
R	Mar 2009	1035	-7	736	12.0	99	180	446.75	557	208	3.4
I	Apr 2009	1097	-5	784	13.2	98	172	448.75	595	205	3.4
C	May 2009	916	-3	647	10.5	101	165	448.71	594	122	2.0
A	Jun 2009	788	-6	595	10.0	98	94	448.49	590	113	1.9
L	Jul 2009	835	-13	655	10.6	100	75	448.11	582	120	2.0
*	Aug 2009	756	-3	582	9.5	100	70	448.19	584	101	1.6
	Sep 2009	754	-12	509	8.6	95	163	446.80	557	89	1.5
	WY 2009	9036	-18	6352		1071	1622			1581	
	Oct 2009	573	6	447	7.3	19	118	446.50	552	74	1.2
	Nov 2009	572	13	360	6.0	102	123	446.50	552	103	1.7
	Dec 2009	464	11	293	4.8	107	75	446.50	552	118	1.9
	Jan 2010	569	25	342	5.6	84	168	446.50	552	119	1.9
	Feb 2010	659	28	458	8.2	77	152	446.50	552	154	2.8
	Mar 2010	943	30	717	11.7	85	168	446.70	555	204	3.3
	Apr 2010	1110	-6	821	13.8	82	163	448.71	594	199	3.3
	May 2010	969	-16	699	11.4	85	169	448.71	594	111	1.8
	Jun 2010	897	-26	666	11.2	82	123	448.71	594	116	1.9
	Jul 2010	888	-18	723	11.8	84	77	448.00	580	119	1.9
	Aug 2010	791	-11	626	10.2	84	79	447.50	571	93	1.5
	Sep 2010	751	-12	540	9.1	61	151	446.80	557	89	1.5
	WY 2010	9186	24	6693		952	1565			1499	
	Oct 2010	574	6	448	7.3	24	116	446.31	548	74	1.2
	Nov 2010	467	13	361	6.1	24	92	446.50	552	103	1.7
	Dec 2010	384	11	295	4.8	25	75	446.50	552	118	1.9
	Jan 2011	568	25	341	5.5	83	168	446.50	552	119	1.9
	Feb 2011	652	28	452	8.1	75	152	446.50	552	149	2.7
	Mar 2011	944	30	718	11.7	84	169	446.70	555	206	3.4
	Apr 2011	1109	-6	820	13.8	81	164	448.71	594	200	3.4
	May 2011	969	-16	700	11.4	84	170	448.71	594	113	1.8
	Jun 2011	894	-26	664	11.2	81	124	448.71	594	115	1.9
	Jul 2011	886	-18	722	11.7	83	77	448.00	580	119	1.9
	Aug 2011	789	-11	625	10.2	83	79	447.50	571	93	1.5

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Hoover Dam - Lake Mead

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Hoover Static Head Feet	Hoover Generator Capacity MW	Hoover Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Sep 2008	652	11.0	1105.76	12013	58	0.00	1677.0	252.9	100	387.9
	WY 2008	9530							3790.6		
H	Oct 2008	508	8.3	1107.94	12213	201	0.00	1038.0	188.5	61	370.8
I	Nov 2008	675	11.3	1107.33	12157	-56	0.00	926.0	263.1	55	389.9
S	Dec 2008	453	7.4	1110.97	12496	339	0.00	1523.0	171.3	88	377.7
T	Jan 2009	741	12.1	1111.78	12572	76	0.00	1305.0	299.0	75	403.3
O	Feb 2009	679	12.2	1111.43	12539	-33	0.00	1415.0	263.8	81	388.5
R	Mar 2009	1037	16.9	1107.40	12164	-376	0.00	950.0	415.9	55	401.2
I	Apr 2009	1174	19.7	1101.26	11604	-560	0.00	1284.0	474.0	76	403.7
C	May 2009	977	15.9	1096.92	11217	-387	0.00	1411.0	381.7	85	390.6
A	Jun 2009	750	12.6	1095.26	11071	-146	0.00	1641.0	287.2	100	383.1
L	Jul 2009	840	13.7	1094.20	10978	-93	0.00	1640.0	324.9	100	386.9
*	Aug 2009	801	13.0	1093.73	10938	-41	0.00	1648.0	307.5	100	383.8
	Sep 2009	640	10.7	1093.04	10877	-60	442.11	1656.0	248.5	100	388.6
	WY 2009	9275							3625.4		
	Oct 2009	499	8.1	1094.11	10970	93	447.85	1148.0	200.3	70	400.9
	Nov 2009	615	10.3	1094.86	11035	65	448.48	1343.0	246.4	81	400.6
	Dec 2009	581	9.5	1097.75	11290	255	448.82	1343.0	230.2	80	396.1
	Jan 2010	675	11.0	1101.53	11628	338	449.66	1401.0	268.7	83	398.2
	Feb 2010	673	12.1	1103.74	11828	200	453.07	1186.0	275.8	70	409.6
	Mar 2010	1004	16.3	1103.04	11765	-63	452.81	1276.0	411.6	75	410.0
	Apr 2010	1137	19.1	1101.72	11645	-120	450.72	1379.0	472.2	81	415.3
	May 2010	1004	16.3	1101.66	11640	-5	448.69	1590.0	402.1	94	400.5
	Jun 2010	897	15.1	1102.43	11710	70	448.72	1696.0	360.8	100	402.3
	Jul 2010	898	14.6	1103.82	11836	126	450.28	1702.0	360.7	100	401.8
	Aug 2010	816	13.3	1105.96	12031	195	452.19	1713.0	332.6	100	407.7
	Sep 2010	674	11.3	1105.00	11943	-88	453.92	1707.0	269.9	100	400.7
	WY 2010	9473							3831.3		
	Oct 2010	448	7.3	1106.58	12089	145	458.38	1397.0	179.7	81	401.1
	Nov 2010	537	9.0	1107.22	12148	59	461.20	1390.0	215.8	81	402.2
	Dec 2010	501	8.1	1110.29	12433	285	461.14	1408.0	204.8	81	409.2
	Jan 2011	674	11.0	1112.32	12624	191	461.53	1414.0	274.6	80	407.6
	Feb 2011	667	12.0	1113.49	12734	110	463.29	1225.7	278.1	70	417.2
	Mar 2011	1004	16.3	1110.80	12481	-253	461.52	1321.8	419.0	75	417.2
	Apr 2011	1135	19.1	1106.48	12080	-401	456.95	1434.4	477.6	81	420.6
	May 2011	1004	16.3	1105.06	11949	-131	452.74	1654.8	405.5	94	403.9
	Jun 2011	894	15.0	1105.47	11987	38	451.91	1761.0	361.9	100	404.8
	Jul 2011	895	14.6	1106.59	12089	103	453.16	1761.0	361.7	100	404.0
	Aug 2011	814	13.2	1108.45	12262	172	454.80	1761.0	333.3	100	409.6

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Davis Dam - Lake Mohave

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Davis Static Head Feet	Davis Generator Capacity MW	Davis Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Sep 2008	698	11.7	638.80	1585	-61	0.00	255.0	86.5	100	123.9
	WY 2008	9205							1137.7		
H	Oct 2008	632	10.3	633.37	1444	-141	0.00	211.7	74.9	83	118.6
I	Nov 2008	603	10.1	635.28	1493	49	0.00	186.2	71.8	73	119.1
S	Dec 2008	339	5.5	638.77	1585	91	0.00	163.2	42.1	64	124.2
T	Jan 2009	655	10.6	641.08	1647	62	0.00	155.6	80.8	61	123.4
O	Feb 2009	629	11.3	642.29	1679	33	0.00	193.8	79.3	76	126.1
R	Mar 2009	1035	16.8	641.38	1655	-25	0.00	255.0	121.2	100	117.1
I	Apr 2009	1097	18.4	643.11	1702	47	0.00	255.0	135.7	100	123.7
C	May 2009	916	14.9	644.36	1736	34	0.00	255.0	115.6	100	126.3
A	Jun 2009	788	13.2	641.92	1669	-67	0.00	255.0	99.5	100	126.2
L	Jul 2009	835	13.6	641.37	1654	-15	0.00	255.0	101.8	100	121.9
*	Aug 2009	756	12.3	641.90	1669	14	0.00	255.0	94.4	100	124.8
	Sep 2009	754	12.7	637.00	1538	-131	132.31	255.0	92.6	100	122.8
	WY 2009	9036							1109.6		
	Oct 2009	573	9.3	634.00	1460	-78	129.25	216.8	69.0	85	120.5
	Nov 2009	572	9.6	635.00	1486	26	129.25	183.6	68.3	72	119.5
	Dec 2009	464	7.6	638.71	1583	97	131.55	188.7	56.8	74	122.4
	Jan 2010	569	9.3	641.80	1666	83	135.19	186.2	71.1	73	124.8
	Feb 2010	659	11.9	641.80	1666	0	136.23	204.0	82.5	80	125.2
	Mar 2010	943	15.3	643.05	1700	34	135.64	247.3	117.6	97	124.7
	Apr 2010	1110	18.7	643.00	1699	-2	136.07	255.0	137.9	100	124.2
	May 2010	969	15.8	643.00	1699	0	136.04	255.0	121.1	100	125.0
	Jun 2010	897	15.1	642.00	1671	-27	135.51	255.0	112.0	100	124.8
	Jul 2010	888	14.4	641.50	1658	-14	134.73	255.0	110.4	100	124.3
	Aug 2010	791	12.9	641.50	1658	0	134.46	255.0	98.6	100	124.6
	Sep 2010	751	12.6	638.00	1564	-94	132.63	255.0	92.4	100	123.1
	WY 2010	9186							1137.7		
	Oct 2010	574	9.3	633.00	1434	-130	128.65	237.2	69.1	93	120.5
	Nov 2010	467	7.9	635.00	1486	51	127.14	234.6	55.9	92	119.7
	Dec 2010	384	6.2	638.71	1583	97	130.00	239.7	47.2	94	122.9
	Jan 2011	568	9.2	641.80	1666	83	134.16	219.3	70.9	86	124.8
	Feb 2011	652	11.7	641.80	1666	0	135.05	244.8	81.7	96	125.3
	Mar 2011	944	15.3	643.05	1700	34	135.44	255.0	117.6	100	124.7
	Apr 2011	1109	18.6	643.00	1699	-2	136.07	255.0	137.8	100	124.2
	May 2011	969	15.8	643.00	1699	0	136.04	255.0	121.1	100	125.0
	Jun 2011	894	15.0	642.00	1671	-27	135.51	255.0	111.6	100	124.8
	Jul 2011	886	14.4	641.50	1658	-14	134.73	255.0	110.1	100	124.3
	Aug 2011	789	12.8	641.50	1658	0	134.46	255.0	98.3	100	124.6

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Parker Dam - Lake Havasu

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Parker Static Head Feet	Parker Generator Capacity MW	Parker Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Sep 2008	519	8.7	448.19	584	-7	0.00	91.2	38.6	76	74.3
	WY 2008	6691							453.4		
H	Oct 2008	452	7.4	446.55	553	-31	0.00	90.0	31.2	75	68.9
I	Nov 2008	379	6.4	447.54	571	18	0.00	90.0	26.2	75	69.1
S	Dec 2008	236	3.8	446.81	558	-14	0.00	85.2	15.3	71	64.7
T	Jan 2009	379	6.2	446.67	555	-3	0.00	78.0	25.9	65	68.2
O	Feb 2009	397	7.2	446.08	544	-11	0.00	90.0	27.2	75	68.5
R	Mar 2009	736	12.0	446.75	556	12	0.00	87.6	49.2	73	66.8
I	Apr 2009	784	13.2	448.75	595	38	0.00	111.6	53.8	93	68.6
C	May 2009	647	10.5	448.71	594	-1	0.00	120.0	44.9	100	69.4
A	Jun 2009	595	10.0	448.49	590	-4	0.00	120.0	41.3	100	69.5
L	Jul 2009	655	10.6	448.11	582	-7	0.00	120.0	43.4	100	66.3
*	Aug 2009	582	9.5	448.19	584	2	0.00	118.8	39.9	99	68.6
	Sep 2009	509	8.6	446.80	557	-26	76.29	90.0	33.8	75	66.3
	WY 2009	6352							432.0		
	Oct 2009	447	7.3	446.50	552	-6	75.47	90.0	29.2	75	65.2
	Nov 2009	360	6.0	446.50	552	0	76.82	64.8	23.7	54	66.0
	Dec 2009	293	4.8	446.50	552	0	75.32	90.0	18.6	75	63.5
	Jan 2010	342	5.6	446.50	552	0	76.35	72.0	22.3	60	65.1
	Feb 2010	458	8.2	446.50	552	0	75.38	88.8	30.0	74	65.6
	Mar 2010	717	11.7	446.70	555	4	74.01	120.0	46.6	100	65.0
	Apr 2010	821	13.8	448.71	594	38	75.09	120.0	54.2	100	66.1
	May 2010	699	11.4	448.71	594	0	76.06	120.0	46.5	100	66.5
	Jun 2010	666	11.2	448.71	594	0	76.06	120.0	44.2	100	66.4
	Jul 2010	723	11.8	448.00	580	-14	75.72	120.0	47.9	100	66.3
	Aug 2010	626	10.2	447.50	571	-10	75.13	120.0	41.1	100	65.6
	Sep 2010	540	9.1	446.80	557	-13	74.55	120.0	35.0	100	64.9
	WY 2010	6693							439.4		
	Oct 2010	448	7.3	446.31	548	-9	73.97	120.0	28.6	100	63.9
	Nov 2010	361	6.1	446.50	552	3	74.98	94.8	23.2	79	64.2
	Dec 2010	295	4.8	446.50	552	0	73.92	120.0	18.4	100	62.5
	Jan 2011	341	5.5	446.50	552	0	74.71	102.0	21.7	85	63.7
	Feb 2011	452	8.1	446.50	552	0	74.60	104.4	29.3	87	64.8
	Mar 2011	718	11.7	446.70	555	4	74.01	120.0	46.6	100	65.0
	Apr 2011	820	13.8	448.71	594	38	75.09	120.0	54.2	100	66.1
	May 2011	700	11.4	448.71	594	0	76.06	120.0	46.5	100	66.5
	Jun 2011	664	11.2	448.71	594	0	76.06	120.0	44.1	100	66.4
	Jul 2011	722	11.7	448.00	580	-14	75.72	120.0	47.8	100	66.3
	Aug 2011	625	10.2	447.50	571	-10	75.13	120.0	41.0	100	65.5

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Upper Basin Power

		Glen Canyon 1000 MWHR	Flam Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Res 1000 MWHR	Font Res 1000 MWHR
*	Sep 2008	323	34	34	41	21	5
	Summer 2008	323	34	34	41	21	5
H	Oct 2008	334	27	25	30	17	5
I	Nov 2008	267	25	9	12	6	4
S	Dec 2008	355	30	10	14	7	2
T	Jan 2009	352	31	11	15	6	4
O	Feb 2009	262	24	12	15	4	3
R	Mar 2009	271	20	14	15	10	3
	Winter 2009	1840	156	81	101	50	21
I	Apr 2009	260	19	17	24	16	3
C	May 2009	256	57	33	55	23	4
A	Jun 2009	301	38	54	66	22	8
L	Jul 2009	371	47	45	53	22	8
*	Aug 2009	368	50	39	46	23	9
	Sep 2009	253	44	27	34	16	6
	Summer 2009	1810	256	215	277	122	38
	Oct 2009	262	40	18	22	12	1
	Nov 2009	293	38	9	11	6	0
	Dec 2009	361	39	30	37	19	6
	Jan 2010	400	40	28	36	18	6
	Feb 2010	333	35	16	21	10	5
	Mar 2010	373	39	11	15	8	5
	Winter 2010	2022	230	112	143	73	24
	Apr 2010	414	37	12	20	12	6
	May 2010	420	55	19	32	23	7
	Jun 2010	438	67	21	32	21	9
	Jul 2010	460	37	36	44	23	10
	Aug 2010	436	37	38	45	23	10
	Sep 2010	253	36	32	39	20	4
	Summer 2010	2420	270	158	212	123	44
	Oct 2010	260	37	18	22	12	5
	Nov 2010	254	36	9	11	6	6
	Dec 2010	337	37	35	43	21	6
	Jan 2011	336	38	27	34	17	5
	Feb 2011	293	33	17	23	12	5
	Mar 2011	292	37	12	17	9	5
	Winter 2011	1772	219	117	149	77	31
	Apr 2011	292	36	15	24	13	5
	May 2011	368	52	22	36	23	7
	Jun 2011	428	68	22	33	22	9
	Jul 2011	454	41	35	42	23	10
	Aug 2011	431	41	38	45	23	10

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model_run_id = 2033

F L O O D C O N T R O L C R I T E R I A
B E G I N N I N G O F M O N T H C O N D I T I O N S

MON	YEAR	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	LAKE POWELL KAF	UPPER BASIN TOTAL KAF	LAKE MEAD KAF	TOTAL KAF	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	TOT OR MAX ALLOW KAF	LAKE POWELL KAF	LAKE MEAD KAF	TOTAL KAF	BOM SPACE REQD KAF	MEAD SCHED REL KAF	MEAD FC REL KAF	SYS CONT MAF
		* * * * P R E D I C T E D S P A C E * * * *							* * * * C R E D I T A B L E S P A C E * * * *									
SEP	2009	342	122	351	8621	9436	16442	25878	342	122	351	815	8621	16442	25878	2270	640	0	34.5
OCT	2009	419	164	376	8703	9661	16503	26164	419	164	376	959	8703	16503	26164	3040	499	0	34.3
NOV	2009	478	180	375	8802	9834	16410	26244	478	180	375	1033	8802	16410	26244	3810	615	0	34.1
DEC	2009	533	176	376	8990	10075	16345	26420	533	176	376	1085	8990	16345	26420	4580	581	0	34.0
JAN	2010	596	248	385	9285	10515	16090	26604	596	248	385	1229	9285	16090	26604	5350	675	0	33.9
												* * * * E F F E C T I V E S P A C E * * * *							
JAN	2010	596	248	385	9285	10515	16090	26604	223	248	277	748	9285	16090	26123	5350	675	0	33.9
FEB	2010	667	319	396	9705	11086	15752	26838	292	319	287	898	9705	15752	26354	1500	673	0	33.7
MAR	2010	724	350	399	10034	11507	15552	27059	348	350	289	987	10034	15552	26573	1500	1004	0	33.4
APR	2010	761	356	357	10295	11769	15615	27384	382	356	241	979	10295	15615	26889	1500	1137	0	33.3
MAY	2010	750	322	273	10458	11802	15735	27537	365	322	139	825	10458	15735	27017	1500	1004	0	34.4
JUN	2010	680	186	212	9596	10674	15740	26415	286	180	46	512	9596	15740	25848	1500	897	0	36.0
JUL	2010	503	13	260	8354	9130	15670	24801	94	-17	46	123	8354	15670	24147	1500	898	0	36.1
												* * * * C R E D I T A B L E S P A C E * * * *							
AUG	2010	427	27	264	8394	9112	15544	24656	427	27	264	718	8394	15544	24656	1500	816	0	35.8
SEP	2010	455	84	275	8828	9641	15349	24990	455	84	275	814	8828	15349	24990	2270	674	0	35.4
OCT	2010	505	141	274	8901	9821	15437	25258	505	141	274	920	8901	15437	25258	3040	448	0	35.2
NOV	2010	555	160	268	8976	9960	15291	25251	555	160	268	983	8976	15291	25251	3810	537	0	35.2
DEC	2010	606	157	268	9040	10072	15232	25304	606	157	268	1032	9040	15232	25304	4580	501	0	35.2
JAN	2011	672	248	278	9272	10471	14947	25418	672	248	278	1199	9272	14947	25418	5350	674	0	35.1
												* * * * E F F E C T I V E S P A C E * * * *							
JAN	2011	672	248	278	9272	10471	14947	25418	377	248	210	835	9272	14947	25054	5350	674	0	35.1
FEB	2011	738	314	288	9548	10888	14756	25644	441	314	220	974	9548	14756	25278	1500	667	0	34.9
MAR	2011	786	350	287	9774	11197	14646	25844	487	350	218	1055	9774	14646	25475	1500	1004	0	34.6
APR	2011	788	357	241	9906	11293	14899	26192	485	357	165	1008	9906	14899	25813	1500	1135	0	34.4
MAY	2011	751	340	145	9859	11095	15300	26395	441	340	50	831	9859	15300	25990	1500	1004	0	35.4
JUN	2011	641	214	158	8963	9976	15431	25407	321	211	31	563	8963	15431	24957	1500	894	0	37.0
JUL	2011	444	38	223	7679	8383	15393	23776	107	11	48	166	7679	15393	23238	1500	895	0	37.3
												* * * * C R E D I T A B L E S P A C E * * * *							
AUG	2011	355	27	225	7558	8165	15291	23455	355	27	225	607	7558	15291	23455	1500	814	0	37.0

To: All Annual Operating Plan Recipients

From: Lower Colorado Region
Boulder Canyon Operations Office
River Operations Group
Bruce Williams
P.O. Box 61470
Boulder City, NV 89006-1470
Phone: 702-293-8571

The operation of Lake Powell and Lake Mead in this October 2009 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines), and reflects the 2009 Annual Operating Plan (AOP) and draft 2010 AOP. Pursuant to the Interim Guidelines, the August 24-Month Study projections of the January 1 system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead. If the operating tier for the year is the Upper Elevation Balancing Tier, an adjustment may be made in April based on the April 24-Month Study projection of the September 30 system storage and reservoir water surface elevations.

The Upper Elevation Balancing Tier is the operational tier for water year 2010 for Glen Canyon Dam. The Intentionally Created Surplus (ICS) Surplus condition is the criterion governing the operation of Lake Mead for calendar years 2009 and 2010.

With a Lake Powell water year release volume of 8.23 million acre-feet (maf), the October 24-Month Study projects Lake Powell's 2010 end of water year elevation to be above the 2010 Equalization Elevation of 3,642 feet. Pursuant to the Interim Guidelines, the October 24-Month Study projects an April adjustment to the Equalization Tier in 2010. The annual release from Glen Canyon Dam under the Equalization Tier is projected to be 10.585 maf. Based on analysis of possible inflow scenarios, the probability of an April adjustment to the Equalization Tier in 2010 is currently 55 percent.

The Interim Guidelines are available for download at http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The 2009 AOP is available for download at http://www.usbr.gov/uc/water/rsvrs/ops/aop/AOP09_final.pdf.
The draft 2010 AOP is available for download at http://www.usbr.gov/lc/region/g4000/AOP2010/AOP10_draft.pdf.

Current runoff projections into Lake Powell are provided by the National Weather Service's Colorado Basin River Forecast Center and are as follows: Observed unregulated inflow into Lake Powell for the month of September 2009 was 0.265 maf or 56% of the 30 year average. The forecast for October 2009 unregulated inflow into Lake Powell is 0.400 maf or 73% of the 30 year average. The observed April through July unregulated inflow is 7.804 maf or 98% of average.

In this study, the Calendar Year (CY) 2009 diversion for Metropolitan Water District of Southern California (MWD) is forecasted to be 1.106 maf. The CY 2009 diversion for the Central Arizona Project (CAP) is forecasted to be 1.588 maf. Consumptive use for Nevada above Hoover is forecasted to be 0.317 maf for CY 2009.

Due to declining Lake Mead elevations, Hoover's generator capacity is adjusted based on estimated effective capacity and plant availability. The estimated effective capacity is based on projected Lake Mead elevations. Unit capacity tests will be performed as the lake elevation changes in 2-foot increments. This study reflects these changes in the projections.

Hoover, Davis, and Parker historical gross energy figures come from PO&M reports provided by the Lower Colorado Region's Power Management Office, Bureau of Reclamation, Boulder City, Nevada. Questions regarding these historical energy numbers can be directed to Larry Karr at (702) 293-8094.

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Fontenelle Reservoir

	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
* Oct 2008	43	1	65	0	65	6490.51	231
H Nov 2008	41	1	48	13	61	6487.43	211
I Dec 2008	30	1	26	35	60	6482.26	180
S Jan 2009	33	1	61	0	61	6476.93	151
T Feb 2009	27	0	53	0	53	6471.15	124
O Mar 2009	46	0	59	0	59	6467.98	111
R Apr 2009	91	1	57	0	57	6475.63	145
I May 2009	152	1	62	1	64	6490.46	231
C Jun 2009	477	3	91	285	376	6504.01	330
A Jul 2009	247	3	88	145	233	6505.36	341
L Aug 2009	72	2	98	6	104	6500.99	306
* Sep 2009	37	2	66	0	66	6496.84	276
WY 2009	1295	15	773	485	1258		
Oct 2009	45	1	14	48	61	6494.37	258
Nov 2009	42	1	0	59	59	6491.75	240
Dec 2009	33	1	69	0	69	6486.07	203
Jan 2010	33	1	69	0	69	6479.78	166
Feb 2010	32	0	63	0	63	6473.44	134
Mar 2010	48	0	69	0	69	6468.38	112
Apr 2010	90	1	89	0	89	6468.42	113
May 2010	180	1	99	6	105	6483.50	187
Jun 2010	315	2	103	99	202	6499.78	297
Jul 2010	185	3	101	35	136	6505.74	344
Aug 2010	80	2	100	5	105	6502.34	317
Sep 2010	53	2	39	29	68	6500.08	300
WY 2010	1136	15	816	281	1097		
Oct 2010	49	1	54	16	71	6496.92	276
Nov 2010	41	1	68	0	68	6493.02	248
Dec 2010	32	1	71	0	71	6487.10	209
Jan 2011	30	1	71	0	71	6480.25	168
Feb 2011	28	0	64	0	64	6472.83	132
Mar 2011	52	0	71	0	71	6468.28	112
Apr 2011	89	1	83	0	83	6469.59	117
May 2011	176	1	99	5	105	6483.65	188
Jun 2011	307	2	103	90	193	6500.04	299
Jul 2011	185	3	101	38	138	6505.72	343
Aug 2011	82	2	99	5	105	6502.61	319
Sep 2011	48	2	36	29	65	6500.16	300
WY 2011	1120	15	921	184	1105		

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Flaming Gorge Reservoir

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Yampa Flow 1000 Ac-Ft	Jensen Flow 1000 Ac-Ft
*	Oct 2008	45	67	7	71	0	71	83	6020.97	3013	21	119
H	Nov 2008	47	66	3	65	0	65	83	6020.91	3011	0	107
I	Dec 2008	17	48	2	79	0	79	82	6020.01	2980	0	116
S	Jan 2009	39	67	2	80	0	80	82	6019.63	2965	0	752
T	Feb 2009	37	64	2	62	0	62	82	6019.63	2967	0	104
O	Mar 2009	62	75	3	52	0	52	82	6020.18	2987	0	140
R	Apr 2009	127	93	5	50	0	50	84	6021.21	3024	0	312
I	May 2009	212	125	7	150	0	150	83	6020.33	2993	758	883
C	Jun 2009	573	472	10	96	0	96	97	6029.83	3357	517	624
A	Jul 2009	284	271	14	117	0	117	102	6033.29	3478	109	247
L	Aug 2009	74	106	13	124	0	124	101	6032.53	3448	21	161
*	Sep 2009	45	74	11	120	0	120	99	6031.12	3392	14	144
	WY 2009	1564	1527	79	1065	0	1065					3709
	Oct 2009	51	67	7	109	0	109	97	6029.91	3345	0	109
	Nov 2009	50	68	3	104	0	104	95	6028.90	3307	0	104
	Dec 2009	37	73	2	108	0	108	94	6028.00	3272	0	108
	Jan 2010	40	76	2	111	0	111	92	6027.07	3237	0	111
	Feb 2010	40	71	2	97	0	97	91	6026.34	3210	0	97
	Mar 2010	70	91	3	91	0	91	91	6026.28	3208	0	91
	Apr 2010	115	114	5	86	0	86	92	6026.88	3230	0	86
	May 2010	220	145	8	140	0	140	92	6026.79	3227	0	140
	Jun 2010	370	257	10	182	0	182	94	6028.44	3289	0	182
	Jul 2010	200	151	14	101	0	101	96	6029.34	3324	0	101
	Aug 2010	88	113	13	101	0	101	96	6029.30	3322	0	101
	Sep 2010	60	75	11	98	0	98	94	6028.44	3289	0	98
	WY 2010	1341	1302	80	1329	0	1329					1329
	Oct 2010	59	81	7	101	0	101	93	6027.74	3263	0	101
	Nov 2010	51	78	3	98	0	98	92	6027.13	3240	0	98
	Dec 2010	36	75	2	101	0	101	91	6026.40	3212	0	101
	Jan 2011	41	81	2	105	0	105	90	6025.75	3188	0	105
	Feb 2011	45	82	2	92	0	92	90	6025.43	3176	0	92
	Mar 2011	103	123	3	101	0	101	91	6025.90	3194	0	101
	Apr 2011	142	136	5	98	0	98	92	6026.75	3225	0	98
	May 2011	263	192	8	143	0	143	93	6027.79	3264	0	143
	Jun 2011	400	286	10	186	0	186	97	6030.03	3350	0	186
	Jul 2011	219	172	14	112	0	112	99	6031.18	3395	0	112
	Aug 2011	96	119	13	112	0	112	98	6031.02	3389	0	112
	Sep 2011	58	75	11	109	0	109	97	6029.92	3346	0	109
	WY 2011	1515	1499	80	1360	0	1360					1360

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Taylor Park Reservoir

		Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Oct 2008	7	7	9311.31	72
H	Nov 2008	5	5	9311.19	72
I	Dec 2008	5	5	9311.34	72
S	Jan 2009	5	5	9311.21	72
T	Feb 2009	4	5	9310.95	71
O	Mar 2009	4	5	9310.68	71
R	Apr 2009	11	5	9314.31	77
I	May 2009	46	20	9328.38	103
C	Jun 2009	37	35	9329.45	105
A	Jul 2009	14	0	9324.35	95
L	Aug 2009	7	19	9317.78	83
*	Sep 2009	6	15	9312.44	74
	WY 2009	152	126		
	Oct 2009	7	10	9310.28	70
	Nov 2009	6	4	9311.52	72
	Dec 2009	5	4	9312.14	73
	Jan 2010	5	4	9312.44	74
	Feb 2010	4	4	9312.44	74
	Mar 2010	4	4	9312.44	74
	Apr 2010	8	8	9312.44	74
	May 2010	25	18	9316.57	81
	Jun 2010	38	20	9326.30	99
	Jul 2010	16	22	9323.18	93
	Aug 2010	8	22	9315.42	79
	Sep 2010	7	15	9310.59	71
	WY 2010	132	135		
	Oct 2010	6	10	9308.15	67
	Nov 2010	5	6	9307.46	66
	Dec 2010	4	5	9307.12	65
	Jan 2011	4	5	9306.58	65
	Feb 2011	4	5	9305.73	63
	Mar 2011	4	5	9305.22	63
	Apr 2011	8	8	9305.44	63
	May 2011	27	16	9312.58	74
	Jun 2011	43	20	9325.34	97
	Jul 2011	20	22	9324.52	95
	Aug 2011	10	22	9318.03	83
	Sep 2011	7	15	9313.36	75
	WY 2011	144	139		

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Blue Mesa Reservoir

	Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir elevation EOM Feet	Live Storage 1000 Ac-Ft
* Oct 2008	33	33	1	85	0	85	7492.14	598
H Nov 2008	27	28	0	33	0	33	7491.42	592
I Dec 2008	28	27	0	36	0	36	7490.25	583
S Jan 2009	26	27	0	39	0	39	7488.62	571
T Feb 2009	24	24	0	42	0	42	7486.19	552
O Mar 2009	40	40	0	49	0	49	7484.97	543
R Apr 2009	104	99	1	61	0	61	7489.84	580
I May 2009	344	317	1	110	10	120	7513.48	776
C Jun 2009	229	227	1	172	3	175	7519.02	826
A Jul 2009	95	105	2	144	0	144	7514.49	785
L Aug 2009	42	54	1	128	0	128	7505.79	710
* Sep 2009	26	35	1	93	0	93	7498.71	651
WY 2009	1018	1016	9	993	13	1006		
Oct 2009	36	40	1	59	0	59	7496.24	631
Nov 2009	32	30	0	23	0	23	7497.08	638
Dec 2009	28	27	0	83	0	83	7490.00	581
Jan 2010	25	24	0	84	0	84	7482.13	522
Feb 2010	22	22	0	60	0	60	7476.87	483
Mar 2010	31	31	0	34	0	34	7476.39	480
Apr 2010	75	75	1	42	0	42	7480.87	512
May 2010	190	183	1	58	0	58	7496.93	636
Jun 2010	225	207	1	46	0	46	7515.67	796
Jul 2010	89	95	2	87	0	87	7516.40	802
Aug 2010	49	63	1	121	0	121	7509.71	743
Sep 2010	38	46	1	105	0	105	7502.65	683
WY 2010	840	843	9	802	0	802		
Oct 2010	36	39	1	69	0	69	7499.01	653
Nov 2010	31	32	0	29	0	29	7499.36	656
Dec 2010	25	26	0	100	0	100	7490.00	581
Jan 2011	24	25	0	92	0	92	7481.16	515
Feb 2011	22	23	0	60	0	60	7476.03	477
Mar 2011	34	35	0	43	0	43	7474.83	469
Apr 2011	73	73	1	50	0	50	7477.97	491
May 2011	212	201	1	74	0	74	7494.55	617
Jun 2011	271	248	1	71	0	71	7515.38	793
Jul 2011	121	122	2	112	0	112	7516.40	802
Aug 2011	62	74	1	122	0	122	7510.78	753
Sep 2011	36	44	1	113	0	113	7502.61	683
WY 2011	946	942	9	934	0	934		

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Morrow Point Reservoir

	Unreg Inflow 1000 Ac-Ft	Blue_Mesa Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Evap losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
* Oct 2008	33	85	0	85	0	86	0	86	7153.93	112
H Nov 2008	29	33	2	35	0	35	0	35	7153.60	112
I Dec 2008	29	36	2	38	0	39	0	39	7152.11	111
S Jan 2009	28	39	1	40	0	43	0	43	7148.12	108
T Feb 2009	24	42	1	43	0	45	0	45	7145.98	106
O Mar 2009	42	49	2	51	0	43	6	49	7147.72	107
R Apr 2009	119	61	14	75	0	69	0	69	7155.78	114
I May 2009	377	120	34	154	0	153	2	155	7154.23	112
C Jun 2009	241	175	12	188	0	184	0	184	7158.19	116
A Jul 2009	97	144	2	146	0	148	0	148	7155.33	113
L Aug 2009	42	128	0	128	0	129	0	129	7154.90	113
* Sep 2009	27	93	1	94	0	100	0	100	7146.95	107
WY 2009	1088	1006	71	1077	1	1074	8	1083		
Oct 2009	39	59	3	62	0	57	0	57	7153.73	112
Nov 2009	34	23	2	25	0	25	0	25	7153.73	112
Dec 2009	30	83	2	85	0	85	0	85	7153.73	112
Jan 2010	27	84	2	86	0	86	0	86	7153.73	112
Feb 2010	23	60	1	61	0	61	0	61	7153.73	112
Mar 2010	34	34	3	37	0	37	0	37	7153.73	112
Apr 2010	86	42	11	53	0	53	0	53	7153.73	112
May 2010	215	58	25	83	0	83	0	83	7153.73	112
Jun 2010	245	46	20	66	0	66	0	66	7153.73	112
Jul 2010	95	87	6	93	0	93	0	93	7153.73	112
Aug 2010	53	121	4	125	0	125	0	125	7153.73	112
Sep 2010	44	105	6	111	0	111	0	111	7153.73	112
WY 2010	925	802	85	887	0	882	0	882		
Oct 2010	38	69	3	72	0	72	0	72	7153.73	112
Nov 2010	33	29	2	31	0	31	0	31	7153.73	112
Dec 2010	27	100	2	102	0	102	0	102	7153.73	112
Jan 2011	26	92	2	94	0	94	0	94	7153.73	112
Feb 2011	25	60	3	63	0	63	0	63	7153.73	112
Mar 2011	38	43	4	47	0	47	0	47	7153.73	112
Apr 2011	84	50	11	61	0	61	0	61	7153.73	112
May 2011	237	74	25	99	0	99	0	99	7153.73	112
Jun 2011	292	71	21	92	0	92	0	92	7153.73	112
Jul 2011	127	112	7	118	0	118	0	118	7153.73	112
Aug 2011	65	122	4	126	0	126	0	126	7153.73	112
Sep 2011	39	113	3	116	0	116	0	116	7153.73	112
WY 2011	1032	934	86	1020	0	1020	0	1020		

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Crystal Reservoir

	unreg Inflow 1000 Ac-Ft	Morrow Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Tunnel Flow 1000 Ac-Ft	Below_tunnel Flow 1000 Ac-Ft
* Oct 2008	36	86	3	89	89	0	89	6744.34	15	55	45
H Nov 2008	33	35	4	38	39	0	39	6742.20	14	1	40
I Dec 2008	32	39	3	42	42	0	42	6742.53	14	1	43
S Jan 2009	31	43	4	47	38	9	47	6741.02	14	1	49
T Feb 2009	28	45	3	48	24	20	45	6752.05	17	1	46
O Mar 2009	47	49	5	55	55	0	55	6751.30	16	10	47
R Apr 2009	130	69	12	81	80	0	80	6752.70	17	36	48
I May 2009	431	155	53	208	120	88	208	6752.57	17	55	160
C Jun 2009	264	184	23	207	116	91	207	6753.30	17	59	160
A Jul 2009	104	148	7	156	128	30	158	6743.22	14	68	101
L Aug 2009	44	129	2	131	130	0	130	6746.30	15	67	72
* Sep 2009	29	100	2	102	102	0	102	6746.55	15	63	46
WY 2009	1209	1083	121	1204	964	238	1202			416	857
Oct 2009	45	57	6	63	61	0	61	6753.04	17	30	31
Nov 2009	39	25	5	30	30	0	30	6753.04	17	0	30
Dec 2009	35	85	5	90	90	0	90	6753.04	17	0	90
Jan 2010	30	86	3	89	89	0	89	6753.04	17	0	89
Feb 2010	26	61	3	64	64	0	64	6753.04	17	0	64
Mar 2010	40	37	6	43	43	0	43	6753.04	17	5	38
Apr 2010	100	53	14	67	67	0	67	6753.04	17	30	37
May 2010	245	83	30	113	113	0	113	6753.04	17	55	58
Jun 2010	275	66	30	96	96	0	96	6753.04	17	60	36
Jul 2010	105	93	10	103	103	0	103	6753.04	17	65	38
Aug 2010	56	125	3	128	128	0	128	6753.04	17	65	63
Sep 2010	49	111	5	116	116	0	116	6753.04	17	55	61
WY 2010	1045	882	120	1002	1000	0	1000			365	635
Oct 2010	44	72	6	78	78	0	78	6753.04	17	30	48
Nov 2010	38	31	5	36	36	0	36	6753.04	17	0	36
Dec 2010	32	102	5	107	107	0	107	6753.04	17	0	107
Jan 2011	31	94	5	99	99	0	99	6753.04	17	0	99
Feb 2011	29	63	4	67	67	0	67	6753.04	17	0	67
Mar 2011	46	47	7	54	54	0	54	6753.04	17	5	49
Apr 2011	96	61	12	73	73	0	73	6753.04	17	30	43
May 2011	272	99	35	134	134	0	134	6753.04	17	55	79
Jun 2011	330	92	38	130	130	0	130	6753.04	17	60	70
Jul 2011	144	118	17	135	134	1	135	6753.04	17	65	70
Aug 2011	74	126	8	134	134	0	134	6753.04	17	65	69
Sep 2011	45	116	6	122	122	0	122	6753.04	17	55	67
WY 2011	1183	1020	150	1170	1169	1	1170			365	805

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Vallecito Reservoir

		Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Oct 2008	9	14	7640.18	65
H	Nov 2008	5	2	7641.75	68
I	Dec 2008	5	2	7643.06	71
S	Jan 2009	5	2	7644.39	74
T	Feb 2009	5	2	7645.61	77
O	Mar 2009	8	4	7647.33	81
R	Apr 2009	22	10	7652.11	92
I	May 2009	102	66	7664.50	124
C	Jun 2009	42	43	7664.64	124
A	Jul 2009	0	0	7656.79	104
L	Aug 2009	8	39	7643.59	72
*	Sep 2009	7	30	7632.32	49
	WY 2009	220	215		
	Oct 2009	8	18	7626.51	39
	Nov 2009	6	6	7626.77	39
	Dec 2009	5	3	7627.87	41
	Jan 2010	5	3	7628.66	42
	Feb 2010	3	3	7629.02	43
	Mar 2010	5	3	7630.30	45
	Apr 2010	17	12	7632.91	50
	May 2010	62	35	7645.62	77
	Jun 2010	72	46	7656.09	102
	Jul 2010	26	43	7648.95	84
	Aug 2010	16	42	7637.00	58
	Sep 2010	14	32	7627.10	40
	WY 2010	240	246		
	Oct 2010	14	19	7623.67	34
	Nov 2010	8	6	7625.18	37
	Dec 2010	6	5	7626.04	38
	Jan 2011	5	5	7626.35	39
	Feb 2011	5	4	7626.59	39
	Mar 2011	8	5	7628.57	42
	Apr 2011	22	12	7633.95	52
	May 2011	69	43	7646.23	78
	Jun 2011	78	59	7653.92	97
	Jul 2011	31	43	7648.69	84
	Aug 2011	19	42	7638.26	61
	Sep 2011	17	32	7630.44	46
	WY 2011	282	274		

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Navajo Reservoir

		Mod_Unreg Inflow 1000 Ac-Ft	Azetea Tunnel_Div 1000 Ac-Ft	Reg Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	NIIP Diversion 1000 ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Farm Flow 1000 Ac-Ft
*	Oct 2008	28	0	34	2	11	32	6056.83	1308	45
H	Nov 2008	21	0	17	1	0	30	6055.68	1294	47
I	Dec 2008	19	0	16	1	0	31	6054.38	1277	48
S	Jan 2009	23	0	20	1	1	32	6053.29	1264	54
T	Feb 2009	28	1	24	1	0	28	6052.85	1260	50
O	Mar 2009	76	6	65	2	5	31	6055.13	1288	61
R	Apr 2009	125	19	97	2	19	30	6058.76	1337	69
I	May 2009	361	52	275	4	29	59	6072.47	1515	251
C	Jun 2009	146	24	120	5	36	115	6069.92	1479	184
A	Jul 2009	29	4	43	5	43	53	6065.70	1422	77
L	Aug 2009	-11	0	20	4	42	49	6059.96	1347	64
*	Sep 2009	5	0	28	3	22	37	6057.32	1314	52
	WY 2009	850	106	761	28	210	529			1002
	Oct 2009	21	0	31	2	7	36	6056.20	1300	36
	Nov 2009	29	0	28	1	0	30	6056.02	1298	30
	Dec 2009	22	0	20	1	0	31	6055.10	1287	31
	Jan 2010	20	0	19	1	0	31	6054.04	1274	31
	Feb 2010	25	0	24	1	0	28	6053.68	1269	28
	Mar 2010	74	1	71	2	4	31	6056.51	1304	31
	Apr 2010	125	15	105	2	16	30	6061.01	1361	30
	May 2010	245	34	184	4	28	85	6066.11	1427	85
	Jun 2010	220	28	166	4	43	147	6063.94	1399	147
	Jul 2010	48	4	61	5	46	31	6062.42	1379	31
	Aug 2010	26	2	50	4	39	31	6060.61	1356	31
	Sep 2010	35	1	52	3	22	30	6060.44	1353	30
	WY 2010	890	85	811	28	205	539			539
	Oct 2010	40	2	44	2	7	31	6060.80	1358	31
	Nov 2010	33	0	30	1	1	30	6060.70	1357	30
	Dec 2010	24	0	22	1	1	31	6059.91	1347	31
	Jan 2011	22	0	21	1	0	31	6059.11	1337	31
	Feb 2011	30	0	30	1	0	28	6059.19	1338	28
	Mar 2011	88	2	83	2	4	31	6062.82	1384	31
	Apr 2011	174	16	148	3	16	34	6069.92	1479	34
	May 2011	279	33	219	4	28	200	6068.96	1466	200
	Jun 2011	246	29	198	4	43	212	6064.38	1405	212
	Jul 2011	74	7	79	5	46	31	6064.22	1402	31
	Aug 2011	43	3	63	4	39	31	6063.48	1393	31
	Sep 2011	42	1	56	3	22	30	6063.60	1394	30
	WY 2011	1096	93	994	28	207	718			718

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Lake Powell

	Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	PowerPlant Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Bank Storage 1000 Ac-Ft	EOM Storage 1000 Ac-Ft	Lees Ferry 1000 Ac-Ft
* Oct 2008	382	498	38	749	0	749	3623.82	17344	14172	762
H Nov 2008	419	455	36	603	0	603	3621.90	17367	13966	612
I Dec 2008	312	386	28	801	0	801	3617.89	17349	13541	818
S Jan 2009	330	394	9	802	0	802	3614.17	17318	13155	822
T Feb 2009	325	377	9	602	0	602	3612.05	17300	12938	612
O Mar 2009	473	445	16	626	0	626	3610.43	17268	12774	632
R Apr 2009	788	669	25	604	0	604	3611.26	17224	12858	611
I May 2009	2921	2446	31	582	0	582	3629.09	17163	14751	586
C Jun 2009	2701	2217	54	664	0	664	3640.49	17353	16061	670
A Jul 2009	1394	1219	67	803	0	803	3641.14	17625	16138	828
L Aug 2009	323	536	66	802	0	802	3637.50	17721	15710	829
* Sep 2009	265	470	59	598	0	598	3635.37	17781	15463	613
WY 2009	10632	10111	437	8236	0	8236				8396
Oct 2009	400	496	43	615	0	615	3634.06	17769	15313	615
Nov 2009	450	496	36	690	0	690	3632.20	17752	15100	690
Dec 2009	400	534	29	855	0	855	3629.31	17726	14776	855
Jan 2010	350	491	22	955	0	955	3625.24	17690	14326	955
Feb 2010	350	448	20	800	0	800	3622.05	17662	13982	800
Mar 2010	600	585	25	900	0	900	3619.09	17637	13667	900
Apr 2010	900	774	28	1000	0	1000	3616.85	17618	13433	1000
May 2010	1950	1641	38	1010	0	1010	3622.05	17662	13982	1010
Jun 2010	2600	2232	45	1035	0	1035	3631.73	17748	15048	1035
Jul 2010	1100	1032	53	1090	0	1090	3630.82	17739	14945	1090
Aug 2010	475	606	53	1040	0	1040	3626.77	17703	14494	1040
Sep 2010	425	548	46	595	0	595	3625.98	17696	14408	595
WY 2010	10000	9882	437	10585	0	10585				10585
Oct 2010	514	589	41	615	0	615	3625.41	17691	14346	615
Nov 2010	523	567	34	600	0	600	3624.84	17686	14283	600
Dec 2010	414	562	28	800	0	800	3622.57	17667	14037	800
Jan 2011	384	525	21	800	0	800	3619.99	17645	13762	800
Feb 2011	394	476	20	600	0	600	3618.74	17634	13630	600
Mar 2011	628	583	25	600	0	600	3618.37	17631	13591	600
Apr 2011	950	775	28	700	0	700	3618.79	17635	13635	700
May 2011	2161	1886	39	830	0	830	3627.52	17710	14577	830
Jun 2011	2811	2435	47	1000	0	1000	3638.81	17813	15863	1000
Jul 2011	1346	1239	55	1050	0	1050	3639.86	17823	15987	1050
Aug 2011	566	671	56	1000	0	1000	3636.82	17794	15631	1000
Sep 2011	460	597	48	595	0	595	3636.45	17791	15588	595
WY 2011	11151	10905	441	9190	0	9190				9190

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Hoover Dam - Lake Mead

	Glen Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release CFS	SNWP Use 1000 Ac-Ft	Dwnstrm Reqmnts 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
* Oct 2008	749	47	47	508	8.3	26	498	794	1107.94	12213
H Nov 2008	603	74	47	675	11.3	15	659	790	1107.33	12157
I Dec 2008	801	62	41	453	7.4	8	432	812	1110.97	12496
S Jan 2009	802	63	34	741	12.1	9	739	817	1111.78	12572
T Feb 2009	602	82	31	679	12.2	9	669	815	1111.43	12539
O Mar 2009	626	62	34	1037	16.9	17	1036	791	1107.40	12164
R Apr 2009	604	36	42	1174	19.7	20	1169	754	1101.26	11604
I May 2009	582	63	47	977	15.9	33	968	729	1096.92	11217
C Jun 2009	664	11	56	750	12.6	25	748	720	1095.26	11071
A Jul 2009	803	38	70	840	13.7	30	838	714	1094.20	10978
L Aug 2009	802	59	74	801	13.0	30	792	711	1093.73	10938
* Sep 2009	598	55	61	575	9.7	22	569	711	1093.68	10933
WY 2009	8236	652	585	9211		242	9119			
Oct 2009	615	73	44	589	9.6	50	589	711	1093.73	10937
Nov 2009	690	73	45	584	9.8	39	584	717	1094.76	11027
Dec 2009	855	65	39	600	9.8	33	600	732	1097.41	11260
Jan 2010	955	131	32	690	11.2	19	690	753	1101.03	11584
Feb 2010	800	134	30	681	12.3	18	681	765	1103.17	11776
Mar 2010	900	96	34	1007	16.4	26	1007	761	1102.44	11710
Apr 2010	1000	75	42	1143	19.2	24	1143	753	1101.05	11585
May 2010	1010	70	48	1016	16.5	33	1016	752	1100.86	11568
Jun 2010	1035	24	58	898	15.1	31	898	756	1101.62	11636
Jul 2010	1090	61	72	901	14.6	33	901	765	1103.13	11773
Aug 2010	1040	110	78	812	13.2	34	812	779	1105.46	11985
Sep 2010	595	78	64	625	10.5	29	625	776	1105.00	11943
WY 2010	10585	990	584	9545		370	9545			
Oct 2010	615	73	47	473	7.7	38	473	784	1106.32	12065
Nov 2010	600	73	47	618	10.4	26	618	783	1106.13	12047
Dec 2010	800	65	41	441	7.2	20	441	805	1109.81	12388
Jan 2011	800	131	34	674	11.0	20	674	818	1111.84	12579
Feb 2011	600	134	31	674	12.1	19	674	818	1111.94	12588
Mar 2011	600	96	35	1006	16.4	27	1006	796	1108.22	12240
Apr 2011	700	75	42	1140	19.2	24	1140	769	1103.81	11835
May 2011	830	70	48	1009	16.4	33	1009	758	1101.83	11656
Jun 2011	1000	24	58	899	15.1	31	899	760	1102.21	11690
Jul 2011	1050	61	73	897	14.6	33	897	766	1103.33	11792
Aug 2011	1000	110	78	801	13.0	34	801	779	1105.37	11977
Sep 2011	595	78	64	616	10.4	29	616	776	1105.00	11943
WY 2011	9190	990	596	9249		335	9249			

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Davis Dam - Lake Mohave

		Hoover Release 1000 Ac-Ft	Side inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Spill Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release CFS	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
*	Oct 2008	508	-18	632	0	632	10.3	633.37	1444
H	Nov 2008	675	-23	603	0	603	10.1	635.28	1493
I	Dec 2008	453	-23	339	0	339	5.5	638.77	1585
S	Jan 2009	741	-25	655	0	655	10.6	641.08	1647
T	Feb 2009	679	-18	629	0	629	11.3	642.29	1679
O	Mar 2009	1037	-27	1035	0	1035	16.8	641.38	1655
R	Apr 2009	1174	-30	1097	0	1097	18.4	643.11	1702
I	May 2009	977	-28	916	0	916	14.9	644.36	1736
C	Jun 2009	750	-28	788	0	788	13.2	641.92	1669
A	Jul 2009	840	-20	835	0	835	13.6	641.37	1654
L	Aug 2009	801	-31	756	0	756	12.3	641.90	1669
*	Sep 2009	575	-16	726	0	726	12.2	635.60	1501
	WY 2009	9211	-286	9008	0	9008			
	Oct 2009	589	-4	587	0	587	9.5	635.50	1499
	Nov 2009	584	-18	566	0	566	9.5	635.50	1499
	Dec 2009	600	-20	496	0	496	8.1	638.71	1583
	Jan 2010	690	-22	585	0	585	9.5	641.80	1666
	Feb 2010	681	-15	666	0	666	12.0	641.80	1666
	Mar 2010	1007	-26	947	0	947	15.4	643.05	1700
	Apr 2010	1143	-28	1117	0	1117	18.8	643.00	1699
	May 2010	1016	-35	981	0	981	16.0	643.00	1699
	Jun 2010	898	-27	898	0	898	15.1	642.00	1671
	Jul 2010	901	-23	891	0	891	14.5	641.50	1658
	Aug 2010	812	-25	787	0	787	12.8	641.50	1658
	Sep 2010	625	-17	702	0	702	11.8	638.00	1564
	WY 2010	9545	-260	9222	0	9222			
	Oct 2010	473	-4	599	0	599	9.7	633.00	1434
	Nov 2010	618	-18	549	0	549	9.2	635.00	1486
	Dec 2010	441	-20	324	0	324	5.3	638.71	1583
	Jan 2011	674	-22	569	0	569	9.3	641.80	1666
	Feb 2011	674	-15	659	0	659	11.9	641.80	1666
	Mar 2011	1006	-26	945	0	945	15.4	643.05	1700
	Apr 2011	1140	-28	1114	0	1114	18.7	643.00	1699
	May 2011	1009	-35	974	0	974	15.8	643.00	1699
	Jun 2011	899	-27	899	0	899	15.1	642.00	1671
	Jul 2011	897	-23	888	0	888	14.4	641.50	1658
	Aug 2011	801	-25	776	0	776	12.6	641.50	1658
	Sep 2011	616	-17	693	0	693	11.6	638.00	1564
	WY 2011	9249	-260	8989	0	8989			

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Parker Dam - Lake Havasu

		Davis Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	MWD Diversion 1000 Ac-Ft	CAP diversion 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft	Flow_to Mexico 1000 Ac-Ft	Flow_to Mexico 1000 CFS
*	Oct 2008	632	3	452	7.4	77	136	446.55	553	84	1.4
H	Nov 2008	603	16	379	6.4	53	168	447.54	571	118	2.0
I	Dec 2008	339	15	236	3.8	67	65	446.81	558	139	2.3
S	Jan 2009	655	-6	379	6.2	100	171	446.67	555	121	2.0
T	Feb 2009	629	3	397	7.2	82	162	446.08	544	162	2.9
O	Mar 2009	1035	-7	736	12.0	99	180	446.75	557	208	3.4
R	Apr 2009	1097	-5	784	13.2	98	172	448.75	595	205	3.4
I	May 2009	916	-3	647	10.5	101	165	448.71	594	122	2.0
C	Jun 2009	788	-6	595	10.0	98	94	448.49	590	113	1.9
A	Jul 2009	835	-13	655	10.6	100	75	448.11	582	120	2.0
L	Aug 2009	756	-3	582	9.5	100	70	448.19	584	101	1.6
*	Sep 2009	726	-2	505	8.5	96	143	447.16	564	93	1.6
	WY 2009	9008	-7	6347		1072	1602			1585	
	Oct 2009	587	6	449	7.3	19	118	447.50	571	74	1.2
	Nov 2009	566	13	363	6.1	104	112	447.50	571	103	1.7
	Dec 2009	496	11	290	4.7	109	126	446.50	552	118	1.9
	Jan 2010	585	25	341	5.5	100	169	446.50	552	119	1.9
	Feb 2010	666	28	444	8.0	91	159	446.50	552	154	2.8
	Mar 2010	947	30	703	11.4	101	170	446.70	555	204	3.3
	Apr 2010	1117	-6	807	13.6	97	168	448.71	594	199	3.3
	May 2010	981	-16	690	11.2	101	174	448.71	594	111	1.8
	Jun 2010	898	-26	647	10.9	97	128	448.71	594	116	1.9
	Jul 2010	891	-18	708	11.5	100	79	448.00	580	119	1.9
	Aug 2010	787	-11	620	10.1	100	66	447.50	571	93	1.5
	Sep 2010	702	-12	537	9.0	72	95	446.80	557	89	1.5
	WY 2010	9222	24	6600		1092	1561			1499	
	Oct 2010	599	6	451	7.3	25	137	446.31	548	74	1.2
	Nov 2010	549	13	363	6.1	25	171	446.50	552	103	1.7
	Dec 2010	324	11	291	4.7	26	19	446.50	552	118	1.9
	Jan 2011	569	25	341	5.5	83	169	446.50	552	119	1.9
	Feb 2011	659	28	452	8.1	75	160	446.50	552	149	2.7
	Mar 2011	945	30	718	11.7	84	170	446.70	555	206	3.4
	Apr 2011	1114	-6	820	13.8	81	168	448.71	594	200	3.4
	May 2011	974	-16	700	11.4	84	175	448.71	594	113	1.8
	Jun 2011	899	-26	664	11.2	81	128	448.71	594	115	1.9
	Jul 2011	888	-18	722	11.7	83	79	448.00	580	119	1.9
	Aug 2011	776	-11	625	10.2	83	66	447.50	571	93	1.5
	Sep 2011	693	-12	539	9.1	61	95	446.80	557	89	1.5
	WY 2011	8989	24	6685		791	1537			1499	

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Hoover Dam - Lake Mead

	Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Hoover Static Head Feet	Hoover Generator Capacity MW	Hoover Gross Energy MKWH	Percent Of Units Available	KWH/AF
* Oct 2008	508	8.3	1107.94	12213	201	0.00	1038.0	188.5	61	370.8
H Nov 2008	675	11.3	1107.33	12157	-56	0.00	926.0	263.1	55	389.9
I Dec 2008	453	7.4	1110.97	12496	339	0.00	1523.0	171.3	88	377.7
S Jan 2009	741	12.1	1111.78	12572	76	0.00	1305.0	299.0	75	403.3
T Feb 2009	679	12.2	1111.43	12539	-33	0.00	1415.0	263.8	81	388.5
O Mar 2009	1037	16.9	1107.40	12164	-376	0.00	950.0	415.9	55	401.2
R Apr 2009	1174	19.7	1101.26	11604	-560	0.00	1284.0	474.0	76	403.7
I May 2009	977	15.9	1096.92	11217	-387	0.00	1411.0	381.7	85	390.6
C Jun 2009	750	12.6	1095.26	11071	-146	0.00	1641.0	287.2	100	383.1
A Jul 2009	840	13.7	1094.20	10978	-93	0.00	1640.0	324.9	100	386.9
L Aug 2009	801	13.0	1093.73	10938	-41	0.00	1648.0	307.5	100	383.8
* Sep 2009	575	9.7	1093.68	10933	-4	0.00	1656.0	215.3	100	374.8
WY 2009	9210							3592.3		
Oct 2009	589	9.6	1093.73	10937	4	448.23	1158.0	234.4	70	398.3
Nov 2009	584	9.8	1094.76	11027	90	447.50	1351.0	231.6	82	396.9
Dec 2009	600	9.8	1097.41	11260	233	449.09	1241.0	239.3	74	399.1
Jan 2010	690	11.2	1101.03	11584	324	449.24	1397.0	275.6	83	399.2
Feb 2010	681	12.3	1103.17	11776	193	452.55	1182.0	278.9	70	409.8
Mar 2010	1007	16.4	1102.44	11710	-66	452.24	1272.0	412.7	75	409.8
Apr 2010	1143	19.2	1101.05	11585	-126	450.09	1375.0	474.6	81	415.1
May 2010	1016	16.5	1100.86	11568	-17	447.96	1586.0	407.2	94	400.7
Jun 2010	898	15.1	1101.62	11636	68	447.91	1693.0	360.7	100	401.7
Jul 2010	901	14.6	1103.13	11773	137	449.53	1701.0	361.5	100	401.4
Aug 2010	812	13.2	1105.46	11985	212	451.60	1713.0	330.5	100	407.0
Sep 2010	625	10.5	1105.00	11943	-42	453.67	1707.0	247.6	100	396.0
WY 2010	9545							3854.7		
Oct 2010	473	7.7	1106.32	12065	122	458.26	1396.0	191.1	81	404.1
Nov 2010	618	10.4	1106.13	12047	-18	460.53	1388.0	253.7	81	410.2
Dec 2010	441	7.2	1109.81	12388	341	459.69	1515.0	176.6	87	400.5
Jan 2011	674	11.0	1111.84	12579	191	461.05	1405.0	274.7	80	407.3
Feb 2011	674	12.1	1111.94	12588	9	460.27	1545.0	277.2	88	411.2
Mar 2011	1006	16.4	1108.22	12240	-348	459.48	1317.0	418.2	75	415.7
Apr 2011	1140	19.2	1103.81	11835	-405	454.34	1429.5	477.3	81	418.6
May 2011	1009	16.4	1101.83	11656	-179	449.81	1649.9	405.4	94	401.8
Jun 2011	899	15.1	1102.21	11690	34	448.69	1756.0	361.7	100	402.4
Jul 2011	897	14.6	1103.33	11792	102	449.93	1756.0	360.3	100	401.5
Aug 2011	801	13.0	1105.37	11977	186	451.65	1756.0	325.4	100	406.3
Sep 2011	616	10.4	1105.00	11943	-34	453.62	1756.0	247.8	100	402.2
WY 2011	9249							3769.3		

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Davis Dam - Lake Mohave

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Davis Static Head Feet	Davis Generator Capacity MW	Davis Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Oct 2008	632	10.3	633.37	1444	-141	0.00	211.7	74.9	83	118.6
H	Nov 2008	603	10.1	635.28	1493	49	0.00	186.2	71.8	73	119.1
I	Dec 2008	339	5.5	638.77	1585	91	0.00	163.2	42.1	64	124.2
S	Jan 2009	655	10.6	641.08	1647	62	0.00	155.6	80.8	61	123.4
T	Feb 2009	629	11.3	642.29	1679	33	0.00	193.8	79.3	76	126.1
O	Mar 2009	1035	16.8	641.38	1655	-25	0.00	255.0	121.2	100	117.1
R	Apr 2009	1097	18.4	643.11	1702	47	0.00	255.0	135.7	100	123.7
I	May 2009	916	14.9	644.36	1736	34	0.00	255.0	115.6	100	126.3
C	Jun 2009	788	13.2	641.92	1669	-67	0.00	255.0	99.5	100	126.2
A	Jul 2009	835	13.6	641.37	1654	-15	0.00	255.0	101.8	100	121.9
L	Aug 2009	756	12.3	641.90	1669	14	0.00	255.0	94.4	100	124.8
*	Sep 2009	726	12.2	635.60	1501	-167	0.00	255.0	89.2	100	122.8
	WY 2009	9008							1106.2		
	Oct 2009	587	9.5	635.50	1499	-3	129.30	216.8	70.7	85	120.4
	Nov 2009	566	9.5	635.50	1499	0	130.30	183.6	68.1	72	120.4
	Dec 2009	496	8.1	638.71	1583	84	131.82	188.7	60.7	74	122.4
	Jan 2010	585	9.5	641.80	1666	83	135.19	186.2	73.0	73	124.7
	Feb 2010	666	12.0	641.80	1666	0	136.23	204.0	83.4	80	125.2
	Mar 2010	947	15.4	643.05	1700	34	135.64	247.3	118.0	97	124.6
	Apr 2010	1117	18.8	643.00	1699	-2	136.07	255.0	138.7	100	124.2
	May 2010	981	16.0	643.00	1699	0	136.04	255.0	122.6	100	125.0
	Jun 2010	898	15.1	642.00	1671	-27	135.51	255.0	112.1	100	124.8
	Jul 2010	891	14.5	641.50	1658	-14	134.73	255.0	110.8	100	124.3
	Aug 2010	787	12.8	641.50	1658	0	134.46	255.0	98.1	100	124.6
	Sep 2010	702	11.8	638.00	1564	-94	132.63	255.0	86.6	100	123.4
	WY 2010	9222							1142.7		
	Oct 2010	599	9.7	633.00	1434	-130	128.65	237.2	72.0	93	120.3
	Nov 2010	549	9.2	635.00	1486	51	127.14	234.6	65.5	92	119.2
	Dec 2010	324	5.3	638.71	1583	97	130.00	239.7	40.0	94	123.4
	Jan 2011	569	9.3	641.80	1666	83	134.16	219.3	71.0	86	124.8
	Feb 2011	659	11.9	641.80	1666	0	135.05	244.8	82.6	96	125.2
	Mar 2011	945	15.4	643.05	1700	34	135.44	255.0	117.8	100	124.6
	Apr 2011	1114	18.7	643.00	1699	-2	136.07	255.0	138.3	100	124.2
	May 2011	974	15.8	643.00	1699	0	136.04	255.0	121.7	100	125.0
	Jun 2011	899	15.1	642.00	1671	-27	135.51	255.0	112.2	100	124.8
	Jul 2011	888	14.4	641.50	1658	-14	134.73	255.0	110.4	100	124.3
	Aug 2011	776	12.6	641.50	1658	0	134.46	255.0	96.7	100	124.7
	Sep 2011	693	11.6	638.00	1564	-94	132.63	255.0	85.6	100	123.5
	WY 2011	8989							1113.8		

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Parker Dam - Lake Havasu

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Parker Static Head Feet	Parker Generator Capacity MW	Parker Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Oct 2008	452	7.4	446.55	553	-31	0.00	90.0	31.2	75	68.9
H	Nov 2008	379	6.4	447.54	571	18	0.00	90.0	26.2	75	69.1
I	Dec 2008	236	3.8	446.81	558	-14	0.00	85.2	15.3	71	64.7
S	Jan 2009	379	6.2	446.67	555	-3	0.00	78.0	25.9	65	68.2
T	Feb 2009	397	7.2	446.08	544	-11	0.00	90.0	27.2	75	68.5
O	Mar 2009	736	12.0	446.75	556	12	0.00	87.6	49.2	73	66.8
R	Apr 2009	784	13.2	448.75	595	38	0.00	111.6	53.8	93	68.6
I	May 2009	647	10.5	448.71	594	-1	0.00	120.0	44.9	100	69.4
C	Jun 2009	595	10.0	448.49	590	-4	0.00	120.0	41.3	100	69.5
A	Jul 2009	655	10.6	448.11	582	-7	0.00	120.0	43.4	100	66.3
L	Aug 2009	582	9.5	448.19	584	2	0.00	118.8	39.9	99	68.6
*	Sep 2009	505	8.5	447.16	564	-19	0.00	87.6	35.0	73	69.2
	WY 2009	6347							433.2		
	Oct 2009	449	7.3	447.50	570	6	76.13	90.0	29.5	75	65.7
	Nov 2009	363	6.1	447.50	570	0	77.88	63.6	24.2	53	66.8
	Dec 2009	290	4.7	446.50	552	-19	76.76	73.2	18.7	61	64.5
	Jan 2010	341	5.5	446.50	552	0	76.74	66.0	22.3	55	65.5
	Feb 2010	444	8.0	446.50	552	0	75.13	93.6	29.0	78	65.2
	Mar 2010	703	11.4	446.70	555	4	74.01	120.0	45.6	100	64.9
	Apr 2010	807	13.6	448.71	594	38	75.09	120.0	53.3	100	66.0
	May 2010	690	11.2	448.71	594	0	76.06	120.0	45.9	100	66.5
	Jun 2010	647	10.9	448.71	594	0	76.06	120.0	42.9	100	66.4
	Jul 2010	708	11.5	448.00	580	-14	75.72	120.0	46.9	100	66.2
	Aug 2010	620	10.1	447.50	571	-10	75.13	120.0	40.6	100	65.5
	Sep 2010	537	9.0	446.80	557	-13	74.55	120.0	34.8	100	64.9
	WY 2010	6600							433.9		
	Oct 2010	451	7.3	446.31	548	-9	73.97	120.0	28.8	100	63.9
	Nov 2010	363	6.1	446.50	552	3	75.04	93.6	23.3	78	64.3
	Dec 2010	291	4.7	446.50	552	0	74.66	103.2	18.3	86	62.9
	Jan 2011	341	5.5	446.50	552	0	75.01	96.0	21.8	80	63.9
	Feb 2011	452	8.1	446.50	552	0	74.71	102.0	29.3	85	64.9
	Mar 2011	718	11.7	446.70	555	4	74.01	120.0	46.6	100	65.0
	Apr 2011	820	13.8	448.71	594	38	75.09	120.0	54.2	100	66.1
	May 2011	700	11.4	448.71	594	0	76.06	120.0	46.5	100	66.5
	Jun 2011	664	11.2	448.71	594	0	76.06	120.0	44.1	100	66.4
	Jul 2011	722	11.7	448.00	580	-14	75.72	120.0	47.8	100	66.3
	Aug 2011	625	10.2	447.50	571	-10	75.13	120.0	41.0	100	65.5
	Sep 2011	539	9.1	446.80	557	-13	74.55	120.0	34.9	100	64.9
	WY 2011	6685							436.8		

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Upper Basin Power

		Glen Canyon 1000 MWHR	Flam Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Res 1000 MWHR	Font Res 1000 MWHR
*	Oct 2008	334	27	25	30	17	5
H	Nov 2008	267	25	9	12	6	4
I	Dec 2008	355	30	10	14	7	2
S	Jan 2009	352	31	11	15	6	4
T	Feb 2009	262	24	12	15	4	3
O	Mar 2009	271	20	14	15	10	3
	Winter 2009	1840	156	81	101	50	21
R	Apr 2009	260	19	17	24	16	3
I	May 2009	256	57	33	55	23	4
C	Jun 2009	301	38	54	66	22	8
A	Jul 2009	371	47	45	53	22	8
L	Aug 2009	368	50	39	46	23	9
*	Sep 2009	275	48	28	35	20	6
	Summer 2009	1832	259	216	278	125	38
	Oct 2009	261	40	18	20	10	1
	Nov 2009	292	38	7	9	5	0
	Dec 2009	360	39	25	31	16	6
	Jan 2010	399	41	24	31	15	5
	Feb 2010	331	36	17	22	11	4
	Mar 2010	371	33	10	13	7	5
	Winter 2010	2013	227	101	126	65	21
	Apr 2010	411	32	12	19	12	6
	May 2010	416	51	17	30	20	7
	Jun 2010	432	67	14	24	17	9
	Jul 2010	458	37	27	33	18	10
	Aug 2010	435	37	38	45	22	10
	Sep 2010	248	36	32	40	20	4
	Summer 2010	2399	260	141	191	108	44
	Oct 2010	256	37	21	26	13	5
	Nov 2010	249	36	9	11	6	6
	Dec 2010	332	37	30	37	19	6
	Jan 2011	330	38	27	34	17	6
	Feb 2011	247	33	17	23	12	5
	Mar 2011	246	37	12	17	9	5
	Winter 2011	1660	219	115	147	76	32
	Apr 2011	288	36	14	22	13	5
	May 2011	344	52	22	36	23	7
	Jun 2011	422	68	22	33	22	9
	Jul 2011	448	41	35	43	23	10
	Aug 2011	426	41	38	45	23	10
	Sep 2011	252	40	35	42	21	3
	Summer 2011	2180	279	166	220	126	44

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model_run_id = 2035

F L O O D C O N T R O L C R I T E R I A
B E G I N N I N G O F M O N T H C O N D I T I O N S

MON	YEAR	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	LAKE POWELL KAF	UPPER BASIN TOTAL KAF	LAKE MEAD KAF	TOTAL KAF	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	TOT OR MAX ALLOW KAF	LAKE POWELL KAF	LAKE MEAD KAF	TOTAL KAF	BOM SPACE REQD KAF	MEAD SCHED REL KAF	MEAD FC REL KAF	SYS CONT MAF
		* * * * P R E D I C T E D S P A C E * * * *							* * * * C R E D I T A B L E S P A C E * * * *									
OCT	2009	426	179	382	8857	9843	16447	26290	426	179	382	986	8857	16447	26290	3040	589	0	34.1
NOV	2009	490	199	396	9007	10092	16443	26535	490	199	396	1085	9007	16443	26535	3810	584	0	33.9
DEC	2009	547	192	398	9220	10357	16353	26710	547	192	398	1137	9220	16353	26710	4580	600	0	33.7
JAN	2010	619	248	409	9544	10820	16120	26940	619	248	409	1276	9544	16120	26940	5350	690	0	33.5
									* * * * E F F E C T I V E S P A C E * * * *									
JAN	2010	619	248	409	9544	10820	16120	26940	246	246	248	740	9544	16120	26403	5350	690	0	33.5
FEB	2010	691	308	422	9994	11414	15796	27211	317	305	260	882	9994	15796	26672	1500	681	0	33.3
MAR	2010	750	346	427	10338	11860	15604	27464	374	343	263	981	10338	15604	26922	1500	1007	0	32.9
APR	2010	774	349	392	10653	12168	15670	27837	395	346	223	964	10653	15670	27286	1500	1143	0	32.7
MAY	2010	751	317	335	10887	12291	15795	28086	366	313	148	827	10887	15795	27510	1500	1016	0	33.5
JUN	2010	680	193	269	10338	11480	15812	27292	286	181	49	517	10338	15812	26667	1500	898	0	35.0
JUL	2010	508	34	297	9272	10111	15744	25854	99	2	30	131	9272	15744	25147	1500	901	0	35.0
									* * * * C R E D I T A B L E S P A C E * * * *									
AUG	2010	427	27	317	9375	10146	15607	25753	427	27	317	771	9375	15607	25753	1500	812	0	34.7
SEP	2010	455	86	340	9826	10708	15395	26102	455	86	340	882	9826	15395	26102	2270	625	0	34.3
OCT	2010	505	146	343	9912	10906	15437	26343	505	146	343	994	9912	15437	26343	3040	473	0	34.1
NOV	2010	555	176	338	9974	11044	15315	26359	555	176	338	1069	9974	15315	26359	3810	618	0	34.1
DEC	2010	606	173	339	10037	11155	15333	26488	606	173	339	1118	10037	15333	26488	4580	441	0	34.1
JAN	2011	672	248	349	10283	11553	14992	26545	672	248	349	1270	10283	14992	26545	5350	674	0	34.0
									* * * * E F F E C T I V E S P A C E * * * *									
JAN	2011	672	248	349	10283	11553	14992	26545	376	248	212	836	10283	14992	26111	5350	674	0	34.0
FEB	2011	738	315	359	10558	11970	14801	26771	440	315	221	976	10558	14801	26335	1500	674	0	33.8
MAR	2011	786	352	358	10690	12187	14792	26979	487	352	219	1058	10690	14792	26540	1500	1006	0	33.4
APR	2011	788	360	312	10729	12189	15140	27329	484	360	167	1012	10729	15140	26881	1500	1140	0	33.3
MAY	2011	751	338	217	10685	11991	15545	27536	441	338	53	832	10685	15545	27062	1500	1009	0	34.3
JUN	2011	642	212	230	9743	10827	15724	26551	321	210	34	564	9743	15724	26032	1500	899	0	35.9
JUL	2011	444	36	291	8457	9229	15690	24919	107	9	48	164	8457	15690	24312	1500	897	0	36.2
									* * * * C R E D I T A B L E S P A C E * * * *									
AUG	2011	355	27	294	8333	9009	15588	24598	355	27	294	676	8333	15588	24598	1500	801	0	35.9
SEP	2011	386	77	303	8689	9455	15403	24858	386	77	303	766	8689	15403	24858	2270	616	0	35.6

To: All Annual Operating Plan Recipients

From: Lower Colorado Region
Boulder Canyon Operations Office
River Operations Group
Bruce Williams
P.O. Box 61470
Boulder City, NV 89006-1470
Phone: 702-293-8571

The operation of Lake Powell and Lake Mead in this November 2009 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines), and reflects the 2009 Annual Operating Plan (AOP) and draft 2010 AOP. Pursuant to the Interim Guidelines, the August 24-Month Study projections of the January 1 system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead. If the operating tier for the year is the Upper Elevation Balancing Tier, an adjustment may be made in April based on the April 24-Month Study projection of the September 30 system storage and reservoir water surface elevations.

The Upper Elevation Balancing Tier is the operational tier for water year 2010 for Glen Canyon Dam. The Intentionally Created Surplus (ICS) Surplus condition is the criterion governing the operation of Lake Mead for calendar years 2009 and 2010.

With a Lake Powell water year release volume of 8.23 million acre-feet (maf), the November 24-Month Study projects Lake Powell's 2010 end of water year elevation to be above the 2010 Equalization Elevation of 3,642 feet. Pursuant to the Interim Guidelines, the November 24-Month Study projects an April adjustment to the Equalization Tier in 2010. The annual release from Glen Canyon Dam under the Equalization Tier is projected to be 10.667 maf. Based on analysis of possible inflow scenarios, the probability of an April adjustment to the Equalization Tier in 2010 is approximately 50 percent.

The Interim Guidelines are available for download at http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The 2009 AOP is available for download at http://www.usbr.gov/uc/water/rsvrs/ops/aop/AOP09_final.pdf.
The draft 2010 AOP is available for download at http://www.usbr.gov/lc/region/g4000/AOP2010/AOP10_draft.pdf.

Current runoff projections into Lake Powell are provided by the National Weather Service's Colorado Basin River Forecast Center and are as follows: Observed unregulated inflow into Lake Powell for the month of November 2009 was 0.374 maf or 68% of the 30 year average. The forecast for November 2009 unregulated inflow into Lake Powell is 0.430 maf or 79% of the 30 year average.

In this study, the Calendar Year (CY) 2009 diversion for Metropolitan Water District of Southern California (MWD) is forecasted to be 1.117 maf. The CY 2009 diversion for the Central Arizona Project (CAP) is forecasted to be 1.626 maf. Consumptive use for Nevada above Hoover is forecasted to be 0.276 maf for CY 2009.

Due to declining Lake Mead elevations, Hoover's generator capacity is adjusted based on estimated effective capacity and plant availability. The estimated effective capacity is based on projected Lake Mead elevations. Unit capacity tests will be performed as the lake elevation changes in 2-foot increments. This study reflects these changes in the projections.

Hoover, Davis, and Parker historical gross energy figures come from PO&M reports provided by the Lower Colorado Region's Power Management Office, Bureau of Reclamation, Boulder City, Nevada. Questions regarding these historical energy numbers can be directed to Larry Karr at (702) 293-8094.

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T E M R E S E R V O I R S

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Fontenelle Reservoir

		Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Nov 2008	41	1	48	13	61	6487.43	211
H	Dec 2008	30	1	26	35	60	6482.26	180
I	Jan 2009	33	1	61	0	61	6476.93	151
S	Feb 2009	27	0	53	0	53	6471.15	124
T	Mar 2009	46	0	59	0	59	6467.98	111
O	Apr 2009	91	1	57	0	57	6475.63	145
R	May 2009	152	1	62	1	64	6490.46	231
I	Jun 2009	477	3	91	285	376	6504.01	330
C	Jul 2009	247	3	88	145	233	6505.36	341
A	Aug 2009	72	2	98	6	104	6500.99	306
L	Sep 2009	37	2	66	0	66	6496.84	276
	WY 2009	1295	15	773	485	1258		
*	Oct 2009	48	1	51	11	62	6494.68	260
	Nov 2009	42	1	0	60	60	6492.07	242
	Dec 2009	33	1	70	0	70	6486.36	204
	Jan 2010	31	1	70	0	70	6479.70	165
	Feb 2010	32	0	63	0	63	6473.28	134
	Mar 2010	48	0	70	0	70	6468.13	111
	Apr 2010	90	1	89	0	89	6468.17	112
	May 2010	180	1	99	6	105	6483.32	186
	Jun 2010	315	2	103	96	199	6500.03	299
	Jul 2010	185	3	101	38	138	6505.68	343
	Aug 2010	80	2	100	5	105	6502.27	316
	Sep 2010	53	2	39	29	68	6500.02	299
	WY 2010	1137	15	854	245	1098		
	Oct 2010	49	1	54	16	71	6496.85	276
	Nov 2010	41	1	68	0	68	6492.94	248
	Dec 2010	32	1	71	0	71	6487.02	209
	Jan 2011	30	1	71	0	71	6480.17	168
	Feb 2011	28	0	64	0	64	6472.72	131
	Mar 2011	52	0	71	0	71	6468.16	111
	Apr 2011	89	1	83	0	83	6469.48	117
	May 2011	176	1	99	6	105	6483.57	187
	Jun 2011	307	2	103	90	193	6499.98	299
	Jul 2011	185	3	101	38	138	6505.66	343
	Aug 2011	82	2	100	5	105	6502.55	318
	Sep 2011	48	2	37	35	71	6499.31	294
	WY 2011	1120	15	921	190	1111		
	Oct 2011	49	1	74	0	74	6495.69	267

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Flaming Gorge Reservoir

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Yampa Flow 1000 Ac-Ft	Jensen Flow 1000 Ac-Ft
*	Nov 2008	47	66	3	65	0	65	83	6020.91	3011	0	107
H	Dec 2008	17	48	2	79	0	79	82	6020.01	2980	0	116
I	Jan 2009	39	67	2	80	0	80	82	6019.63	2965	0	752
S	Feb 2009	37	64	2	62	0	62	82	6019.63	2967	0	104
T	Mar 2009	62	75	3	52	0	52	82	6020.18	2987	0	140
O	Apr 2009	127	93	5	50	0	50	84	6021.21	3024	0	312
R	May 2009	212	125	7	150	0	150	83	6020.33	2993	758	883
I	Jun 2009	573	472	10	96	0	96	97	6029.83	3357	517	624
C	Jul 2009	284	271	14	117	0	117	102	6033.29	3478	109	247
A	Aug 2009	74	106	13	124	0	124	101	6032.53	3448	21	161
L	Sep 2009	45	74	11	120	0	120	99	6031.12	3392	14	144
	WY 2009	1564	1527	79	1065	0	1065					3709
*	Oct 2009	45	59	7	109	0	109	96	6029.69	3337	0	152
	Nov 2009	51	69	3	104	0	104	95	6028.71	3299	0	104
	Dec 2009	40	77	2	108	0	108	94	6027.88	3268	0	108
	Jan 2010	38	77	2	108	0	108	92	6027.06	3237	0	108
	Feb 2010	40	71	2	97	0	97	91	6026.33	3210	0	97
	Mar 2010	70	92	3	109	0	109	90	6025.81	3190	0	109
	Apr 2010	115	114	5	106	0	106	91	6025.90	3194	0	106
	May 2010	220	145	8	154	0	154	90	6025.47	3177	0	154
	Jun 2010	370	254	10	181	0	181	92	6027.08	3238	0	181
	Jul 2010	200	153	13	100	0	100	94	6028.10	3276	0	100
	Aug 2010	88	113	13	100	0	100	94	6028.10	3276	0	100
	Sep 2010	60	75	11	97	0	97	93	6027.27	3245	0	97
	WY 2010	1337	1299	79	1373	0	1373					1415
	Oct 2010	59	81	7	100	0	100	92	6026.60	3220	0	100
	Nov 2010	51	78	3	97	0	97	91	6026.03	3198	0	97
	Dec 2010	36	75	2	100	0	100	90	6025.33	3172	0	100
	Jan 2011	41	81	2	100	0	100	89	6024.80	3153	0	100
	Feb 2011	45	82	2	90	0	90	89	6024.52	3142	0	90
	Mar 2011	103	123	3	100	0	100	89	6025.03	3161	0	100
	Apr 2011	142	136	5	97	0	97	91	6025.93	3195	0	97
	May 2011	263	192	8	142	0	142	92	6027.00	3235	0	142
	Jun 2011	400	286	10	186	0	186	96	6029.26	3321	0	186
	Jul 2011	219	172	14	112	0	112	98	6030.42	3365	0	112
	Aug 2011	96	119	13	112	0	112	97	6030.27	3359	0	112
	Sep 2011	58	81	11	109	0	109	96	6029.31	3322	0	109
	WY 2011	1515	1505	80	1345	0	1345					1345
	Oct 2011	59	84	7	101	0	101	95	6028.68	3299	0	101

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Taylor Park Reservoir

		Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Nov 2008	5	5	9311.19	72
H	Dec 2008	5	5	9311.34	72
I	Jan 2009	5	5	9311.21	72
S	Feb 2009	4	5	9310.95	71
T	Mar 2009	4	5	9310.68	71
O	Apr 2009	11	5	9314.31	77
R	May 2009	46	20	9328.38	103
I	Jun 2009	37	35	9329.45	105
C	Jul 2009	14	0	9324.35	95
A	Aug 2009	7	19	9317.78	83
L	Sep 2009	6	15	9312.44	74
	WY 2009	152	126		
*	Oct 2009	7	8	9311.60	72
	Nov 2009	6	4	9312.52	74
	Dec 2009	5	4	9313.12	75
	Jan 2010	5	4	9313.42	75
	Feb 2010	4	4	9313.42	75
	Mar 2010	4	4	9313.42	75
	Apr 2010	8	8	9313.42	75
	May 2010	25	18	9317.50	82
	Jun 2010	38	20	9327.13	100
	Jul 2010	16	22	9324.04	94
	Aug 2010	8	22	9316.36	80
	Sep 2010	7	15	9311.60	72
	WY 2010	132	133		
	Oct 2010	6	10	9309.19	69
	Nov 2010	5	6	9308.51	68
	Dec 2010	4	5	9308.18	67
	Jan 2011	4	5	9307.65	66
	Feb 2011	4	5	9306.81	65
	Mar 2011	4	5	9306.31	64
	Apr 2011	8	8	9306.53	65
	May 2011	27	16	9313.56	76
	Jun 2011	43	20	9326.18	99
	Jul 2011	20	22	9325.36	97
	Aug 2011	10	22	9318.95	85
	Sep 2011	7	15	9314.33	77
	WY 2011	144	139		
	Oct 2011	6	6	9314.42	77

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Blue Mesa Reservoir

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Nov 2008	27	28	0	33	0	33	7491.42	592
H	Dec 2008	28	27	0	36	0	36	7490.25	583
I	Jan 2009	26	27	0	39	0	39	7488.62	571
S	Feb 2009	24	24	0	42	0	42	7486.19	552
T	Mar 2009	40	40	0	49	0	49	7484.97	543
O	Apr 2009	104	99	1	61	0	61	7489.84	580
R	May 2009	344	317	1	110	10	120	7513.48	776
I	Jun 2009	229	227	1	172	3	175	7519.02	826
C	Jul 2009	95	105	2	144	0	144	7514.49	785
A	Aug 2009	42	54	1	128	0	128	7505.79	710
L	Sep 2009	26	35	1	93	0	93	7498.71	651
	WY 2009	1018	1016	9	993	13	1006		
*	Oct 2009	33	34	1	81	0	81	7492.82	603
	Nov 2009	30	29	0	28	0	28	7492.85	604
	Dec 2009	28	27	0	49	0	49	7490.00	581
	Jan 2010	24	23	0	83	0	83	7482.13	522
	Feb 2010	22	22	0	60	0	60	7476.87	483
	Mar 2010	31	31	0	34	0	34	7476.40	480
	Apr 2010	75	75	1	42	0	42	7480.87	512
	May 2010	190	183	1	58	0	58	7496.94	636
	Jun 2010	225	207	1	46	0	46	7515.67	796
	Jul 2010	89	95	2	87	0	87	7516.40	803
	Aug 2010	49	63	1	121	0	121	7509.71	743
	Sep 2010	38	46	1	105	0	105	7502.65	683
	WY 2010	834	835	9	794	0	794		
	Oct 2010	36	39	1	69	0	69	7499.01	653
	Nov 2010	31	32	0	29	0	29	7499.36	656
	Dec 2010	25	26	0	100	0	100	7490.00	581
	Jan 2011	24	25	0	92	0	92	7481.17	515
	Feb 2011	22	23	0	60	0	60	7476.03	477
	Mar 2011	34	35	0	43	0	43	7474.83	469
	Apr 2011	73	73	1	50	0	50	7477.97	491
	May 2011	212	201	1	74	0	74	7494.55	617
	Jun 2011	271	248	1	71	0	71	7515.39	793
	Jul 2011	121	122	2	112	0	112	7516.40	803
	Aug 2011	62	74	1	122	0	122	7510.78	753
	Sep 2011	36	44	1	113	0	113	7502.61	683
	WY 2011	946	942	9	934	0	934		
	Oct 2011	36	35	1	69	0	69	7498.47	649

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Morrow Point Reservoir

	Unreg Inflow 1000 Ac-Ft	Blue_Mesa Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Evap losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
* Nov 2008	29	33	2	35	0	35	0	35	7153.60	112
H Dec 2008	29	36	2	38	0	39	0	39	7152.11	111
I Jan 2009	28	39	1	40	0	43	0	43	7148.12	108
S Feb 2009	24	42	1	43	0	45	0	45	7145.98	106
T Mar 2009	42	49	2	51	0	43	6	49	7147.72	107
O Apr 2009	119	61	14	75	0	69	0	69	7155.78	114
R May 2009	377	120	34	154	0	153	2	155	7154.23	112
I Jun 2009	241	175	12	188	0	184	0	184	7158.19	116
C Jul 2009	97	144	2	146	0	148	0	148	7155.33	113
A Aug 2009	42	128	0	128	0	129	0	129	7154.90	113
L Sep 2009	27	93	1	94	0	100	0	100	7146.95	107
WY 2009	1088	1006	71	1077	1	1074	8	1083		
* Oct 2009	34	81	1	82	0	81	0	81	7148.23	108
Nov 2009	32	28	2	30	0	26	0	26	7153.73	112
Dec 2009	30	49	2	51	0	51	0	51	7153.73	112
Jan 2010	26	83	2	85	0	85	0	85	7153.73	112
Feb 2010	23	60	1	61	0	61	0	61	7153.73	112
Mar 2010	34	34	3	37	0	37	0	37	7153.73	112
Apr 2010	86	42	11	53	0	53	0	53	7153.73	112
May 2010	215	58	25	83	0	83	0	83	7153.73	112
Jun 2010	245	46	20	66	0	66	0	66	7153.73	112
Jul 2010	95	87	6	93	0	93	0	93	7153.73	112
Aug 2010	53	121	4	125	0	125	0	125	7153.73	112
Sep 2010	44	105	6	111	0	111	0	111	7153.73	112
WY 2010	917	794	83	877	0	872	0	872		
Oct 2010	38	69	3	72	0	72	0	72	7153.73	112
Nov 2010	33	29	2	31	0	31	0	31	7153.73	112
Dec 2010	27	100	2	102	0	102	0	102	7153.73	112
Jan 2011	26	92	2	94	0	94	0	94	7153.73	112
Feb 2011	25	60	3	63	0	63	0	63	7153.73	112
Mar 2011	38	43	4	47	0	47	0	47	7153.73	112
Apr 2011	84	50	11	61	0	61	0	61	7153.73	112
May 2011	237	74	25	99	0	99	0	99	7153.73	112
Jun 2011	292	71	21	92	0	92	0	92	7153.73	112
Jul 2011	127	112	7	118	0	118	0	118	7153.73	112
Aug 2011	65	122	4	126	0	126	0	126	7153.73	112
Sep 2011	39	113	3	116	0	116	0	116	7153.73	112
WY 2011	1032	934	86	1020	0	1020	0	1020		
Oct 2011	38	69	3	72	0	72	0	72	7153.73	112

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Crystal Reservoir

	unreg Inflow 1000 Ac-Ft	Morrow Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Tunnel Flow 1000 Ac-Ft	Below_tunnel Flow 1000 Ac-Ft
* Nov 2008	33	35	4	38	39	0	39	6742.20	14	1	40
H Dec 2008	32	39	3	42	42	0	42	6742.53	14	1	43
I Jan 2009	31	43	4	47	38	9	47	6741.02	14	1	49
S Feb 2009	28	45	3	48	24	20	45	6752.05	17	1	46
T Mar 2009	47	49	5	55	55	0	55	6751.30	16	10	47
O Apr 2009	130	69	12	81	80	0	80	6752.70	17	36	48
R May 2009	431	155	53	208	120	88	208	6752.57	17	55	160
I Jun 2009	264	184	23	207	116	91	207	6753.30	17	59	160
C Jul 2009	104	148	7	156	128	30	158	6743.22	14	68	101
A Aug 2009	44	129	2	131	130	0	130	6746.30	15	67	72
L Sep 2009	29	100	2	102	102	0	102	6746.55	15	63	46
WY 2009	1209	1083	121	1204	964	238	1202			416	857
* Oct 2009	36	81	3	84	72	10	82	6751.89	17	49	36
Nov 2009	37	26	5	31	30	0	30	6753.04	17	0	30
Dec 2009	35	51	5	56	56	0	56	6753.04	17	0	56
Jan 2010	30	85	4	89	89	0	89	6753.04	17	0	89
Feb 2010	26	61	3	64	64	0	64	6753.04	17	0	64
Mar 2010	40	37	6	43	43	0	43	6753.04	17	5	38
Apr 2010	100	53	14	67	67	0	67	6753.04	17	30	37
May 2010	245	83	30	113	113	0	113	6753.04	17	55	58
Jun 2010	275	66	30	96	96	0	96	6753.04	17	60	36
Jul 2010	105	93	10	103	103	0	103	6753.04	17	65	38
Aug 2010	56	125	3	128	128	0	128	6753.04	17	65	63
Sep 2010	49	111	5	116	116	0	116	6753.04	17	55	61
WY 2010	1034	872	118	990	977	10	988			384	606
Oct 2010	44	72	6	78	78	0	78	6753.04	17	30	48
Nov 2010	38	31	5	36	36	0	36	6753.04	17	0	36
Dec 2010	32	102	5	107	107	0	107	6753.04	17	0	107
Jan 2011	31	94	5	99	99	0	99	6753.04	17	0	99
Feb 2011	29	63	4	67	67	0	67	6753.04	17	0	67
Mar 2011	46	47	7	54	54	0	54	6753.04	17	5	49
Apr 2011	96	61	12	73	73	0	73	6753.04	17	30	43
May 2011	272	99	35	134	134	0	134	6753.04	17	55	79
Jun 2011	330	92	38	130	130	0	130	6753.04	17	60	70
Jul 2011	144	118	17	135	134	1	135	6753.04	17	65	70
Aug 2011	74	126	8	134	134	0	134	6753.04	17	65	69
Sep 2011	45	116	6	122	122	0	122	6753.04	17	55	67
WY 2011	1183	1020	150	1170	1169	1	1170			365	805
Oct 2011	44	72	6	78	78	0	78	6753.04	17	30	48

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Vallecito Reservoir

		Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Nov 2008	5	2	7641.75	68
H	Dec 2008	5	2	7643.06	71
I	Jan 2009	5	2	7644.39	74
S	Feb 2009	5	2	7645.61	77
T	Mar 2009	8	4	7647.33	81
O	Apr 2009	22	10	7652.11	92
R	May 2009	98	66	7664.50	124
I	Jun 2009	44	43	7664.64	124
C	Jul 2009	19	39	7656.79	104
A	Aug 2009	8	39	7643.59	72
L	Sep 2009	8	30	7632.32	49
	WY 2009	237	254		
*	Oct 2009	8	13	7629.82	44
	Nov 2009	6	3	7631.17	47
	Dec 2009	5	3	7631.91	48
	Jan 2010	4	3	7632.36	49
	Feb 2010	3	3	7632.70	50
	Mar 2010	5	3	7633.88	52
	Apr 2010	17	12	7636.31	57
	May 2010	62	35	7648.44	83
	Jun 2010	72	52	7656.29	103
	Jul 2010	26	43	7649.16	85
	Aug 2010	16	42	7637.24	59
	Sep 2010	14	32	7627.39	40
	WY 2010	238	244		
	Oct 2010	14	19	7623.99	35
	Nov 2010	8	6	7625.48	37
	Dec 2010	6	5	7626.34	39
	Jan 2011	5	5	7626.65	39
	Feb 2011	5	4	7626.89	39
	Mar 2011	8	5	7628.85	43
	Apr 2011	22	12	7634.20	53
	May 2011	69	43	7646.43	79
	Jun 2011	78	59	7654.11	97
	Jul 2011	31	43	7648.90	84
	Aug 2011	19	42	7638.49	61
	Sep 2011	17	32	7630.70	46
	WY 2011	282	274		
	Oct 2011	14	19	7627.57	41

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Navajo Reservoir

		Mod_Unreg Inflow 1000 Ac-Ft	Azetea Tunnel_Div 1000 Ac-Ft	Reg Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	NIIP Diversion 1000 ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Farm Flow 1000 Ac-Ft
*	Nov 2008	21	0	17	1	0	30	6055.68	1294	47
H	Dec 2008	19	0	16	1	0	31	6054.38	1277	48
I	Jan 2009	23	0	20	1	1	32	6053.29	1264	54
S	Feb 2009	28	1	24	1	0	28	6052.85	1260	50
T	Mar 2009	76	6	65	2	5	31	6055.13	1288	61
O	Apr 2009	125	19	97	2	19	30	6058.76	1337	69
R	May 2009	361	52	275	4	29	59	6072.47	1515	251
I	Jun 2009	146	24	120	5	36	115	6069.92	1479	184
C	Jul 2009	29	4	43	5	43	53	6065.70	1422	77
A	Aug 2009	-11	0	20	4	42	49	6059.96	1347	64
L	Sep 2009	5	0	28	3	22	37	6057.32	1314	52
	WY 2009	850	106	761	28	210	529			1002
*	Oct 2009	15	0	20	2	13	37	6054.76	1283	61
	Nov 2009	21	0	18	1	0	30	6053.75	1270	30
	Dec 2009	19	0	18	1	0	31	6052.61	1256	31
	Jan 2010	18	0	17	1	0	31	6051.40	1242	31
	Feb 2010	25	0	24	1	0	28	6051.03	1238	28
	Mar 2010	74	1	71	2	4	31	6053.92	1272	31
	Apr 2010	125	15	105	2	17	30	6058.47	1328	30
	May 2010	245	34	184	4	29	85	6063.63	1395	85
	Jun 2010	220	28	172	4	44	147	6061.85	1371	147
	Jul 2010	48	4	61	4	47	31	6060.23	1351	31
	Aug 2010	26	2	50	4	40	31	6058.32	1327	31
	Sep 2010	35	1	52	3	22	30	6058.11	1324	30
	WY 2010	871	85	792	27	216	540			564
	Oct 2010	40	2	44	2	8	31	6058.44	1328	31
	Nov 2010	33	0	30	1	0	30	6058.41	1328	30
	Dec 2010	24	0	22	1	0	31	6057.68	1319	31
	Jan 2011	22	0	21	1	0	31	6056.86	1308	31
	Feb 2011	30	0	30	1	0	28	6056.94	1309	28
	Mar 2011	88	2	83	2	4	61	6058.21	1325	61
	Apr 2011	174	16	148	3	17	60	6063.60	1394	60
	May 2011	279	33	219	4	29	200	6062.56	1381	200
	Jun 2011	246	29	198	4	44	212	6057.68	1319	212
	Jul 2011	74	7	79	4	47	31	6057.45	1316	31
	Aug 2011	43	3	63	4	40	31	6056.61	1305	31
	Sep 2011	42	1	56	3	22	30	6056.71	1307	30
	WY 2011	1096	93	994	27	210	775			775
	Oct 2011	40	1	44	2	8	31	6057.06	1311	31

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Lake Powell

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	PowerPlant Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Bank Storage 1000 Ac-Ft	EOM Storage 1000 Ac-Ft	Lees Ferry 1000 Ac-Ft
*	Nov 2008	419	455	36	603	0	603	3621.90	17367	13966	612
H	Dec 2008	312	386	28	801	0	801	3617.89	17349	13541	818
I	Jan 2009	329	394	9	802	0	802	3614.17	17318	13155	822
S	Feb 2009	323	377	9	602	0	602	3612.05	17300	12938	612
T	Mar 2009	470	445	16	626	0	626	3610.43	17268	12774	632
O	Apr 2009	788	669	25	604	0	604	3611.26	17224	12858	611
R	May 2009	2921	2446	31	582	0	582	3629.09	17163	14751	586
I	Jun 2009	2701	2217	54	664	0	664	3640.49	17353	16061	670
C	Jul 2009	1394	1219	67	803	0	803	3641.14	17625	16138	828
A	Aug 2009	323	536	66	802	0	802	3637.50	17721	15710	829
L	Sep 2009	261	466	59	598	0	598	3635.37	17777	15463	613
	WY 2009	10623	10107	437	8236	0	8236				8396
*	Oct 2009	342	508	41	620	0	620	3633.52	17837	15251	634
	Nov 2009	430	485	35	690	0	690	3631.56	17819	15028	690
	Dec 2009	400	501	29	855	0	855	3628.39	17790	14673	855
	Jan 2010	350	491	22	955	0	955	3624.30	17754	14224	955
	Feb 2010	350	448	20	800	0	800	3621.10	17727	13880	800
	Mar 2010	600	604	25	900	0	900	3618.29	17703	13582	900
	Apr 2010	900	794	28	1010	0	1010	3616.13	17685	13357	1010
	May 2010	1950	1655	38	1030	0	1030	3621.29	17729	13901	1030
	Jun 2010	2600	2232	45	1046	0	1046	3630.93	17813	14957	1046
	Jul 2010	1100	1031	52	1100	0	1100	3629.92	17804	14844	1100
	Aug 2010	475	605	53	1066	0	1066	3625.63	17766	14369	1066
	Sep 2010	425	547	45	595	0	595	3624.83	17759	14282	595
	WY 2010	9922	9901	433	10667	0	10667				10681
	Oct 2010	514	588	41	615	0	615	3624.25	17754	14219	615
	Nov 2010	523	564	34	600	0	600	3623.66	17749	14155	600
	Dec 2010	414	560	28	800	0	800	3621.35	17729	13907	800
	Jan 2011	384	520	21	800	0	800	3618.72	17707	13628	800
	Feb 2011	394	475	20	600	0	600	3617.44	17696	13494	600
	Mar 2011	628	612	24	600	0	600	3617.33	17695	13483	600
	Apr 2011	950	800	28	700	0	700	3617.97	17700	13550	700
	May 2011	2161	1886	39	838	0	838	3626.68	17775	14484	838
	Jun 2011	2811	2436	47	1000	0	1000	3638.02	17878	15770	1000
	Jul 2011	1346	1240	55	1050	0	1050	3639.09	17888	15896	1050
	Aug 2011	566	672	56	1000	0	1000	3636.04	17860	15541	1000
	Sep 2011	460	597	48	595	0	595	3635.68	17856	15498	595
	WY 2011	11151	10950	439	9198	0	9198				9198
	Oct 2011	514	589	43	615	0	615	3635.12	17851	15434	615

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Hoover Dam - Lake Mead

	Glen Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release CFS	SNWP Use 1000 Ac-Ft	Dwnstrm Reqmnts 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
* Nov 2008	603	74	47	675	11.3	15	659	790	1107.33	12157
H Dec 2008	801	62	41	453	7.4	8	432	812	1110.97	12496
I Jan 2009	802	63	34	741	12.1	9	739	817	1111.78	12572
S Feb 2009	602	82	31	679	12.2	9	669	815	1111.43	12539
T Mar 2009	626	62	34	1037	16.9	17	1036	791	1107.40	12164
O Apr 2009	604	36	42	1174	19.7	20	1169	754	1101.26	11604
R May 2009	582	63	47	977	15.9	33	968	729	1096.92	11217
I Jun 2009	664	11	56	750	12.6	25	748	720	1095.26	11071
C Jul 2009	803	38	70	840	13.7	30	838	714	1094.20	10978
A Aug 2009	802	59	74	801	13.0	30	792	711	1093.73	10938
L Sep 2009	598	55	61	575	9.7	22	570	711	1093.68	10933
WY 2009	8236	651	585	9210		242	9119			
* Oct 2009	620	22	44	613	10.0	23	609	708	1093.26	10897
Nov 2009	690	73	44	653	11.0	32	653	710	1093.62	10928
Dec 2009	855	65	39	598	9.7	26	598	726	1096.37	11169
Jan 2010	955	131	32	688	11.2	20	688	747	1100.03	11494
Feb 2010	800	134	30	676	12.2	21	676	760	1102.20	11689
Mar 2010	900	96	33	1014	16.5	28	1014	755	1101.37	11614
Apr 2010	1010	75	41	1108	18.6	22	1108	750	1100.46	11532
May 2010	1030	70	48	1005	16.3	32	1005	751	1100.62	11547
Jun 2010	1046	24	58	887	14.9	29	887	756	1101.63	11637
Jul 2010	1100	61	72	903	14.7	31	903	766	1103.24	11783
Aug 2010	1066	110	78	809	13.1	32	809	782	1105.89	12025
Sep 2010	595	78	64	668	11.2	27	668	776	1105.00	11944
WY 2010	10667	939	583	9621		324	9617			
Oct 2010	615	73	47	438	7.1	39	438	786	1106.67	12097
Nov 2010	600	73	47	566	9.5	28	566	788	1107.00	12127
Dec 2010	800	65	41	537	8.7	22	537	804	1109.67	12375
Jan 2011	800	131	34	674	11.0	20	674	817	1111.71	12567
Feb 2011	600	134	31	673	12.1	19	673	817	1111.82	12576
Mar 2011	600	96	35	1005	16.3	27	1005	795	1108.10	12229
Apr 2011	700	75	42	1139	19.1	24	1139	769	1103.70	11825
May 2011	838	70	48	1008	16.4	33	1008	758	1101.82	11654
Jun 2011	1000	24	58	898	15.1	31	898	760	1102.21	11690
Jul 2011	1050	61	73	897	14.6	33	897	766	1103.33	11791
Aug 2011	1000	110	78	801	13.0	34	801	778	1105.36	11977
Sep 2011	595	78	64	615	10.3	29	615	776	1105.00	11944
WY 2011	9198	990	596	9252		340	9252			
Oct 2011	615	73	47	467	7.6	38	467	785	1106.39	12071

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Davis Dam - Lake Mohave

	Hoover Release 1000 Ac-Ft	Side inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Spill Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release CFS	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
* Nov 2008	675	-23	603	0	603	10.1	635.28	1493
H Dec 2008	453	-23	339	0	339	5.5	638.77	1585
I Jan 2009	741	-25	655	0	655	10.6	641.08	1647
S Feb 2009	679	-18	629	0	629	11.3	642.29	1679
T Mar 2009	1037	-27	1035	0	1035	16.8	641.38	1655
O Apr 2009	1174	-30	1097	0	1097	18.4	643.11	1702
R May 2009	977	-28	916	0	916	14.9	644.36	1736
I Jun 2009	750	-28	788	0	788	13.2	641.92	1669
C Jul 2009	840	-20	835	0	835	13.6	641.37	1654
A Aug 2009	801	-31	756	0	756	12.3	641.90	1669
L Sep 2009	575	-16	726	0	726	12.2	635.60	1501
WY 2009	9210	-286	9008	0	9008			
* Oct 2009	613	-22	623	0	623	10.1	634.34	1469
Nov 2009	653	-18	605	0	605	10.2	635.50	1499
Dec 2009	598	-20	495	0	495	8.0	638.70	1583
Jan 2010	688	-22	582	0	582	9.5	641.80	1666
Feb 2010	676	-15	661	0	661	11.9	641.80	1666
Mar 2010	1014	-26	954	0	954	15.5	643.05	1700
Apr 2010	1108	-28	1081	0	1081	18.2	643.00	1699
May 2010	1005	-35	970	0	970	15.8	643.00	1699
Jun 2010	887	-27	887	0	887	14.9	642.00	1671
Jul 2010	903	-23	893	0	893	14.5	641.50	1658
Aug 2010	809	-25	784	0	784	12.7	641.50	1658
Sep 2010	668	-17	745	0	745	12.5	638.00	1564
WY 2010	9621	-278	9280	0	9280			
Oct 2010	438	-4	564	0	564	9.2	633.00	1434
Nov 2010	566	-18	497	0	497	8.4	635.00	1486
Dec 2010	537	-20	420	0	420	6.8	638.71	1583
Jan 2011	674	-22	568	0	568	9.2	641.80	1666
Feb 2011	673	-15	659	0	659	11.9	641.80	1666
Mar 2011	1005	-26	944	0	944	15.4	643.05	1700
Apr 2011	1139	-28	1112	0	1112	18.7	643.00	1699
May 2011	1008	-35	973	0	973	15.8	643.00	1699
Jun 2011	898	-27	898	0	898	15.1	642.00	1671
Jul 2011	897	-23	888	0	888	14.4	641.50	1658
Aug 2011	801	-25	776	0	776	12.6	641.50	1658
Sep 2011	615	-17	692	0	692	11.6	638.00	1564
WY 2011	9252	-260	8991	0	8991			
Oct 2011	467	-4	593	0	593	9.6	633.00	1434

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Parker Dam - Lake Havasu

		Davis Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	MWD Diversion 1000 Ac-Ft	CAP diversion 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft	Flow_to Mexico 1000 Ac-Ft	Flow_to Mexico 1000 CFS
*	Nov 2008	603	16	379	6.4	53	168	447.54	571	118	2.0
H	Dec 2008	339	15	236	3.8	67	65	446.81	558	139	2.3
I	Jan 2009	655	-6	379	6.2	100	171	446.67	555	121	2.0
S	Feb 2009	629	3	397	7.2	82	162	446.08	544	162	2.9
T	Mar 2009	1035	-7	736	12.0	99	180	446.75	557	208	3.4
O	Apr 2009	1097	-5	784	13.2	98	172	448.75	595	205	3.4
R	May 2009	916	-3	647	10.5	101	165	448.71	594	122	2.0
I	Jun 2009	788	-6	595	10.0	98	94	448.49	590	113	1.9
C	Jul 2009	835	-13	655	10.6	100	75	448.11	582	120	2.0
A	Aug 2009	756	-3	582	9.5	100	70	448.19	584	101	1.6
L	Sep 2009	726	-2	505	8.5	96	143	447.16	564	93	1.6
	WY 2009	9008	-7	6347		1072	1602			1585	
*	Oct 2009	623	-1	446	7.2	27	133	448.03	581	76	1.2
	Nov 2009	605	13	375	6.3	106	147	447.50	571	103	1.7
	Dec 2009	495	11	291	4.7	110	114	447.00	561	118	1.9
	Jan 2010	582	25	352	5.7	100	164	446.50	552	119	1.9
	Feb 2010	661	28	444	8.0	90	155	446.50	552	154	2.8
	Mar 2010	954	30	708	11.5	100	172	446.70	555	204	3.3
	Apr 2010	1081	-6	775	13.0	97	165	448.71	594	199	3.3
	May 2010	970	-16	696	11.3	100	157	448.71	594	111	1.8
	Jun 2010	887	-26	675	11.3	97	89	448.71	594	116	1.9
	Jul 2010	893	-18	717	11.7	100	72	448.00	580	119	1.9
	Aug 2010	784	-11	615	10.0	100	67	447.50	571	93	1.5
	Sep 2010	745	-12	528	8.9	71	147	446.80	557	89	1.5
	WY 2010	9280	17	6622		1099	1582			1502	
	Oct 2010	564	6	442	7.2	24	112	446.31	548	74	1.2
	Nov 2010	497	13	372	6.2	25	110	446.50	552	103	1.7
	Dec 2010	420	11	282	4.6	25	124	446.50	552	118	1.9
	Jan 2011	568	25	341	5.5	83	169	446.50	552	119	1.9
	Feb 2011	659	28	452	8.1	75	160	446.50	552	149	2.7
	Mar 2011	944	30	718	11.7	83	170	446.70	555	206	3.4
	Apr 2011	1112	-6	820	13.8	80	168	448.71	594	200	3.4
	May 2011	973	-16	700	11.4	83	175	448.71	594	113	1.8
	Jun 2011	898	-26	664	11.2	80	128	448.71	594	115	1.9
	Jul 2011	888	-18	722	11.7	83	79	448.00	580	119	1.9
	Aug 2011	776	-11	625	10.2	83	66	447.50	571	93	1.5
	Sep 2011	692	-12	539	9.1	60	95	446.80	557	89	1.5
	WY 2011	8991	24	6675		782	1557			1499	
	Oct 2011	593	6	447	7.3	23	138	446.31	548	74	1.2

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Hoover Dam - Lake Mead

	Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Hoover Static Head Feet	Hoover Generator Capacity MW	Hoover Gross Energy MKWH	Percent Of Units Available	KWH/AF
* Nov 2008	675	11.3	1107.33	12157	-56	0.00	926.0	263.1	55	389.9
H Dec 2008	453	7.4	1110.97	12496	339	0.00	1523.0	171.3	88	377.7
I Jan 2009	741	12.1	1111.78	12572	76	0.00	1305.0	299.0	75	403.3
S Feb 2009	679	12.2	1111.43	12539	-33	0.00	1415.0	263.8	81	388.5
T Mar 2009	1037	16.9	1107.40	12164	-376	0.00	950.0	415.9	55	401.2
O Apr 2009	1174	19.7	1101.26	11604	-560	0.00	1284.0	474.0	76	403.7
R May 2009	977	15.9	1096.92	11217	-387	0.00	1411.0	381.7	85	390.6
I Jun 2009	750	12.6	1095.26	11071	-146	0.00	1641.0	287.2	100	383.1
C Jul 2009	840	13.7	1094.20	10978	-93	0.00	1640.0	324.9	100	386.9
A Aug 2009	801	13.0	1093.73	10938	-41	0.00	1648.0	307.5	100	383.8
L Sep 2009	574	9.7	1093.68	10933	-4	0.00	1656.0	215.3	100	374.9
WY 2009	9210							3592.3		
* Oct 2009	613	10.0	1093.26	10897	-37	0.00	1158.0	235.5	70	384.4
Nov 2009	653	11.0	1093.62	10928	31	447.07	1358.0	258.7	82	396.3
Dec 2009	598	9.7	1096.37	11169	241	448.01	1239.0	238.3	74	398.2
Jan 2010	688	11.2	1100.03	11494	325	448.24	1394.0	274.0	83	398.2
Feb 2010	676	12.2	1102.20	11689	195	451.57	1179.0	276.3	69	408.7
Mar 2010	1014	16.5	1101.37	11614	-75	451.20	1273.0	415.2	75	409.3
Apr 2010	1108	18.6	1100.46	11532	-82	449.27	1371.0	457.1	81	412.7
May 2010	1005	16.3	1100.62	11547	15	447.55	1582.0	401.6	94	399.7
Jun 2010	887	14.9	1101.63	11637	90	447.80	1688.0	355.6	100	400.9
Jul 2010	903	14.7	1103.24	11783	145	449.59	1697.0	362.5	100	401.6
Aug 2010	809	13.1	1105.89	12025	242	451.86	1710.0	329.0	100	407.0
Sep 2010	668	11.2	1105.00	11944	-81	453.88	1707.0	267.3	100	400.1
WY 2010	9621							3871.1		
Oct 2010	438	7.1	1106.67	12097	154	458.43	1395.0	175.2	81	399.8
Nov 2010	566	9.5	1107.00	12127	30	461.14	1382.0	229.7	81	405.5
Dec 2010	537	8.7	1109.67	12375	248	460.05	1512.0	214.0	87	398.3
Jan 2011	674	11.0	1111.71	12567	191	460.92	1403.0	274.3	80	407.2
Feb 2011	673	12.1	1111.82	12576	10	460.17	1533.0	276.9	88	411.2
Mar 2011	1005	16.3	1108.10	12229	-347	457.91	1523.0	411.7	88	409.7
Apr 2011	1139	19.1	1103.70	11825	-404	454.23	1404.4	476.7	81	418.5
May 2011	1008	16.4	1101.82	11654	-171	449.76	1621.5	404.8	94	401.7
Jun 2011	898	15.1	1102.21	11690	35	448.68	1726.0	361.2	100	402.3
Jul 2011	897	14.6	1103.33	11791	102	449.92	1726.0	360.3	100	401.5
Aug 2011	801	13.0	1105.36	11977	186	451.65	1726.0	325.4	100	406.3
Sep 2011	615	10.3	1105.00	11944	-33	453.62	1726.0	247.3	100	402.1
WY 2011	9252							3757.4		
Oct 2011	467	7.6	1106.39	12071	127	458.29	1403.9	188.5	81	403.4

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Davis Dam - Lake Mohave

	Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Davis Static Head Feet	Davis Generator Capacity MW	Davis Gross Energy MKWH	Percent Of Units Available	KWH/AF
* Nov 2008	603	10.1	635.28	1493	49	0.00	186.2	71.8	73	119.1
H Dec 2008	339	5.5	638.77	1585	91	0.00	163.2	42.1	64	124.2
I Jan 2009	655	10.6	641.08	1647	62	0.00	155.6	80.8	61	123.4
S Feb 2009	629	11.3	642.29	1679	33	0.00	193.8	79.3	76	126.1
T Mar 2009	1035	16.8	641.38	1655	-25	0.00	255.0	121.2	100	117.1
O Apr 2009	1097	18.4	643.11	1702	47	0.00	255.0	135.7	100	123.7
R May 2009	916	14.9	644.36	1736	34	0.00	255.0	115.6	100	126.3
I Jun 2009	788	13.2	641.92	1669	-67	0.00	255.0	99.5	100	126.2
C Jul 2009	835	13.6	641.37	1654	-15	0.00	255.0	101.8	100	121.9
A Aug 2009	756	12.3	641.90	1669	14	0.00	255.0	94.4	100	124.8
L Sep 2009	726	12.2	635.60	1501	-167	0.00	255.0	89.2	100	122.8
WY 2009	9008							1106.2		
* Oct 2009	623	10.1	634.34	1469	-33	0.00	216.8	74.2	85	119.1
Nov 2009	605	10.2	635.50	1499	30	129.70	183.6	72.4	72	119.7
Dec 2009	495	8.0	638.70	1583	84	131.81	188.7	60.6	74	122.4
Jan 2010	582	9.5	641.80	1666	83	135.19	186.2	72.6	73	124.7
Feb 2010	661	11.9	641.80	1666	0	136.23	204.0	82.8	80	125.2
Mar 2010	954	15.5	643.05	1700	34	135.64	247.3	118.8	97	124.6
Apr 2010	1081	18.2	643.00	1699	-2	136.07	255.0	134.5	100	124.4
May 2010	970	15.8	643.00	1699	0	136.04	255.0	121.3	100	125.0
Jun 2010	887	14.9	642.00	1671	-27	135.51	255.0	110.8	100	124.9
Jul 2010	893	14.5	641.50	1658	-14	134.73	255.0	111.0	100	124.3
Aug 2010	784	12.7	641.50	1658	0	134.46	255.0	97.7	100	124.7
Sep 2010	745	12.5	638.00	1564	-94	132.63	255.0	91.7	100	123.2
WY 2010	9280							1148.3		
Oct 2010	564	9.2	633.00	1434	-130	128.65	237.2	68.0	93	120.5
Nov 2010	497	8.4	635.00	1486	51	127.14	234.6	59.4	92	119.5
Dec 2010	420	6.8	638.71	1583	97	130.00	239.7	51.6	94	122.7
Jan 2011	568	9.2	641.80	1666	83	134.16	219.3	70.9	86	124.8
Feb 2011	659	11.9	641.80	1666	0	135.05	244.8	82.5	96	125.2
Mar 2011	944	15.4	643.05	1700	34	135.44	255.0	117.7	100	124.6
Apr 2011	1112	18.7	643.00	1699	-2	136.07	255.0	138.2	100	124.2
May 2011	973	15.8	643.00	1699	0	136.04	255.0	121.6	100	125.0
Jun 2011	898	15.1	642.00	1671	-27	135.51	255.0	112.0	100	124.8
Jul 2011	888	14.4	641.50	1658	-14	134.73	255.0	110.4	100	124.3
Aug 2011	776	12.6	641.50	1658	0	134.46	255.0	96.7	100	124.7
Sep 2011	692	11.6	638.00	1564	-94	132.63	255.0	85.4	100	123.5
WY 2011	8991							1114.5		
Oct 2011	593	9.6	633.00	1434	-130	128.65	237.2	71.4	93	120.4

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Parker Dam - Lake Havasu

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Parker Static Head Feet	Parker Generator Capacity MW	Parker Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Nov 2008	379	6.4	447.54	571	18	0.00	90.0	26.2	75	69.1
H	Dec 2008	236	3.8	446.81	558	-14	0.00	85.2	15.3	71	64.7
I	Jan 2009	379	6.2	446.67	555	-3	0.00	78.0	25.9	65	68.2
S	Feb 2009	397	7.2	446.08	544	-11	0.00	90.0	27.2	75	68.5
T	Mar 2009	736	12.0	446.75	556	12	0.00	87.6	49.2	73	66.8
O	Apr 2009	784	13.2	448.75	595	38	0.00	111.6	53.8	93	68.6
R	May 2009	647	10.5	448.71	594	-1	0.00	120.0	44.9	100	69.4
I	Jun 2009	595	10.0	448.49	590	-4	0.00	120.0	41.3	100	69.5
C	Jul 2009	655	10.6	448.11	582	-7	0.00	120.0	43.4	100	66.3
A	Aug 2009	582	9.5	448.19	584	2	0.00	118.8	39.9	99	68.6
L	Sep 2009	505	8.5	447.16	564	-19	0.00	87.6	35.0	73	69.2
	WY 2009	6347							433.2		
*	Oct 2009	446	7.2	448.03	581	16	0.00	90.0	30.5	75	68.5
	Nov 2009	375	6.3	447.50	570	-10	78.14	63.6	25.2	53	67.1
	Dec 2009	291	4.7	447.00	561	-9	77.01	73.2	18.9	61	64.7
	Jan 2010	352	5.7	446.50	552	-9	76.98	66.0	23.2	55	65.8
	Feb 2010	444	8.0	446.50	552	0	75.13	93.6	29.0	78	65.2
	Mar 2010	708	11.5	446.70	555	4	74.01	120.0	46.0	100	64.9
	Apr 2010	775	13.0	448.71	594	38	75.09	120.0	51.1	100	66.0
	May 2010	696	11.3	448.71	594	0	76.06	120.0	46.3	100	66.5
	Jun 2010	675	11.3	448.71	594	0	76.06	120.0	44.8	100	66.5
	Jul 2010	717	11.7	448.00	580	-14	75.72	120.0	47.5	100	66.3
	Aug 2010	615	10.0	447.50	571	-10	75.13	120.0	40.3	100	65.5
	Sep 2010	528	8.9	446.80	557	-13	74.55	120.0	34.2	100	64.8
	WY 2010	6622							437.0		
	Oct 2010	442	7.2	446.31	548	-9	73.97	120.0	28.2	100	63.9
	Nov 2010	372	6.2	446.50	552	3	75.04	93.6	23.9	78	64.4
	Dec 2010	282	4.6	446.50	552	0	74.66	103.2	17.7	86	62.8
	Jan 2011	341	5.5	446.50	552	0	75.01	96.0	21.8	80	63.9
	Feb 2011	452	8.1	446.50	552	0	74.71	102.0	29.3	85	64.9
	Mar 2011	718	11.7	446.70	555	4	74.01	120.0	46.6	100	65.0
	Apr 2011	820	13.8	448.71	594	38	75.09	120.0	54.2	100	66.1
	May 2011	700	11.4	448.71	594	0	76.06	120.0	46.5	100	66.5
	Jun 2011	664	11.2	448.71	594	0	76.06	120.0	44.1	100	66.4
	Jul 2011	722	11.7	448.00	580	-14	75.72	120.0	47.8	100	66.3
	Aug 2011	625	10.2	447.50	571	-10	75.13	120.0	41.0	100	65.5
	Sep 2011	539	9.1	446.80	557	-13	74.55	120.0	34.9	100	64.9
	WY 2011	6675							436.2		
	Oct 2011	447	7.3	446.31	548	-9	73.97	120.0	28.6	100	63.9

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T Y M R E S E R V O I R S

Bureau of Reclamation - CRFS 11/2009 Most Prob Water Supply 10-Nov-2009 15:38:18
Upper Basin Power

	Glen Canyon 1000 MWHR	Flam Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Res 1000 MWHR	Font Res 1000 MWHR
* Nov 2008	267	25	9	12	6	4
H Dec 2008	355	30	10	14	7	2
I Jan 2009	352	31	11	15	6	4
S Feb 2009	262	24	12	15	4	3
T Mar 2009	271	20	14	15	10	3
Winter 2009	1757	148	80	101	51	18
O Apr 2009	260	19	17	24	16	3
R May 2009	256	57	33	55	23	4
I Jun 2009	301	38	54	66	22	8
C Jul 2009	371	47	45	53	22	8
A Aug 2009	368	50	39	46	23	9
L Sep 2009	275	48	28	35	20	6
Summer 2009	1832	259	216	278	125	38
* Oct 2009	285	44	24	28	14	4
Nov 2009	291	38	8	9	5	0
Dec 2009	359	39	15	18	10	6
Jan 2010	398	39	24	31	15	5
Feb 2010	331	36	17	22	11	5
Mar 2010	370	40	10	13	7	5
Winter 2010	2034	236	98	122	63	24
Apr 2010	414	39	12	19	12	6
May 2010	423	56	17	30	20	7
Jun 2010	436	66	14	24	17	9
Jul 2010	462	37	27	33	18	10
Aug 2010	445	37	38	45	22	10
Sep 2010	248	35	32	40	20	4
Summer 2010	2427	269	141	191	108	44
Oct 2010	255	37	21	26	13	5
Nov 2010	249	35	9	11	6	6
Dec 2010	331	36	30	37	19	6
Jan 2011	329	36	27	34	17	6
Feb 2011	246	33	17	23	12	5
Mar 2011	246	36	12	17	9	5
Winter 2011	1656	214	115	147	76	32
Apr 2011	287	35	14	22	13	5
May 2011	346	52	22	36	23	7
Jun 2011	421	68	22	33	22	9
Jul 2011	448	41	35	43	23	10
Aug 2011	425	41	38	45	23	10
Sep 2011	252	40	35	42	21	3
Summer 2011	2180	278	166	220	126	44
Oct 2011	260	37	21	26	13	7

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model_run_id = 2040

F L O O D C O N T R O L C R I T E R I A
B E G I N N I N G O F M O N T H C O N D I T I O N S

MON	YEAR	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	LAKE POWELL KAF	UPPER BASIN TOTAL KAF	LAKE MEAD KAF	TOTAL KAF	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	TOT OR MAX ALLOW KAF	LAKE POWELL KAF	LAKE MEAD KAF	TOTAL KAF	BOM SPACE REQD KAF	MEAD SCHED REL KAF	MEAD FC REL KAF	SYS CONT MAF
		* * * * P R E D I C T E D S P A C E * * * *							* * * * C R E D I T A B L E S P A C E * * * *								
NOV	2009	497	226	413	9069	10205	16483	26689	497	226	413	1136	9069	16483	26689	3810	653	0	33.6
DEC	2009	552	226	426	9292	10495	16452	26947	552	226	426	1204	9292	16452	26947	4580	598	0	33.5
JAN	2010	621	248	440	9647	10956	16211	27167	621	248	440	1309	9647	16211	27167	5350	688	0	33.3
									* * * * E F F E C T I V E S P A C E * * * *										
JAN	2010	621	248	440	9647	10956	16211	27167	198	246	252	697	9647	16211	26555	5350	688	0	33.3
FEB	2010	692	308	454	10096	11550	15886	27436	268	305	266	839	10096	15886	26821	1500	676	0	33.1
MAR	2010	751	346	458	10440	11995	15691	27687	325	343	269	937	10440	15691	27069	1500	1014	0	32.7
APR	2010	792	349	424	10738	12303	15766	28069	364	346	229	939	10738	15766	27443	1500	1108	0	32.5
MAY	2010	789	317	368	10963	12436	15848	28284	355	313	154	822	10963	15848	27633	1500	1005	0	33.3
JUN	2010	731	193	301	10419	11644	15833	27478	289	181	55	525	10419	15833	26778	1500	887	0	34.8
JUL	2010	557	34	325	9363	10278	15743	26021	100	2	30	132	9363	15743	25238	1500	903	0	34.9
									* * * * C R E D I T A B L E S P A C E * * * *										
AUG	2010	475	27	345	9476	10322	15597	25920	475	27	345	847	9476	15597	25920	1500	809	0	34.5
SEP	2010	501	86	369	9951	10908	15355	26263	501	86	369	957	9951	15355	26263	2270	668	0	34.1
OCT	2010	550	146	372	10038	11106	15436	26542	550	146	372	1068	10038	15436	26542	3040	438	0	34.0
NOV	2010	598	176	368	10101	11243	15283	26526	598	176	368	1142	10101	15283	26526	3810	566	0	33.9
DEC	2010	647	173	368	10165	11354	15253	26607	647	173	368	1189	10165	15253	26607	4580	537	0	33.9
JAN	2011	713	248	377	10413	11751	15005	26756	713	248	377	1338	10413	15005	26756	5350	674	0	33.8
									* * * * E F F E C T I V E S P A C E * * * *										
JAN	2011	713	248	377	10413	11751	15005	26756	387	248	155	790	10413	15005	26208	5350	674	0	33.8
FEB	2011	773	315	388	10692	12168	14813	26982	446	315	165	925	10692	14813	26431	1500	673	0	33.5
MAR	2011	820	352	387	10826	12385	14804	27189	491	352	163	1005	10826	14804	26635	1500	1005	0	33.2
APR	2011	821	360	371	10837	12390	15151	27540	487	360	141	989	10837	15151	26977	1500	1139	0	33.1
MAY	2011	782	338	302	10770	12192	15555	27748	442	338	53	833	10770	15555	27158	1500	1008	0	34.1
JUN	2011	672	212	315	9836	11035	15726	26761	321	210	34	564	9836	15726	26126	1500	898	0	35.7
JUL	2011	474	36	377	8550	9438	15690	25128	107	9	48	164	8550	15690	24405	1500	897	0	36.0
									* * * * C R E D I T A B L E S P A C E * * * *										
AUG	2011	385	27	380	8424	9217	15589	24806	385	27	380	793	8424	15589	24806	1500	801	0	35.7
SEP	2011	416	77	391	8779	9663	15403	25066	416	77	391	884	8779	15403	25066	2270	615	0	35.4
OCT	2011	478	147	389	8822	9835	15436	25272	478	147	389	1014	8822	15436	25272	3040	467	0	35.2

November 24-Month Study
Date: November 10, 2009

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

Reservoir	October Inflow (unregulated) (acre-feet)	Percent of Average (%)	November 9 Midnight Elevation (feet)	Reservoir Storage (acre-feet)
Fontenelle	48,000	93	6494.27	257,000
Flaming Gorge	86,000	132	6029.41	3,326,000
Blue Mesa	33,000	91	7492.91	604,000
Powell	374,000	68	3632.84	15,173,000
Navajo	15,200	34	6054.39	1,278,000

Expected Operations

The operation of Lake Powell and Lake Mead in this November 2009 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines), and reflects the 2009 Annual Operating Plan (AOP) and draft 2010 AOP. Pursuant to the Interim Guidelines, the August 24-Month Study projections of the January 1 system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead. If the operating tier for the year is the Upper Elevation Balancing Tier, an adjustment may be made in April based on the April 24-Month Study projection of the September 30 system storage and reservoir water surface elevations.

The Upper Elevation Balancing Tier is the operational tier for water year 2010 for Glen Canyon Dam. The Intentionally Created Surplus (ICS) Surplus condition is the criterion governing the operation of Lake Mead for calendar years 2009 and 2010.

With a Lake Powell water year release volume of 8.23 million acre-feet (maf), the November 24-Month Study projects Lake Powell's 2010 end of water year elevation to be above the 2010 Equalization Elevation of 3,642 feet. Pursuant to the Interim Guidelines, the November 24-Month Study projects an April adjustment to the Equalization Tier in 2010. The annual release from Glen Canyon Dam under the Equalization Tier is projected to be 10.667 maf. Based on analysis of possible inflow

scenarios, the probability of an April adjustment to the Equalization Tier in 2010 is approximately 50 percent.

The Interim Guidelines are available for download at
http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The 2009 AOP is available for download at
http://www.usbr.gov/uc/water/rsvrs/ops/aop/AOP09_final.pdf.
The draft 2010 AOP is available for download at
http://www.usbr.gov/lc/region/g4000/AOP2010/AOP10_draft.pdf.

Fontenelle Reservoir – Inflows for the month of October were 48,000 acre-feet, or 93% of average. The reservoir elevation is 6494.5 feet above sea level and 75% of capacity. The reservoir elevation is declining and will continue to decline through the winter months until spring runoff. Inflows over the next three months are forecasted to be near average: 42,000 acre-ft, 33,000 acre-ft, and 31,000 acre-ft for November, December and January, respectively.

Inflows to Fontenelle Reservoir are currently averaging 800 cfs and releases are 1,000 cfs. It is anticipated that releases will be increased to approximately 1,140 cfs in late November or early December, after maintenance work at the powerplant is complete or before the ice is set on the river, whichever occurs first.

The next Fontenelle Working Group meeting is scheduled for April 27, 2010 at 10:00 am at the Seedskadee National Wildlife Refuge visitor's center. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir.

Flaming Gorge Reservoir – October observed unregulated inflow into Flaming Gorge reservoir was 45,000 acre-feet (AF), or 70 percent of average inflow. The October end of month elevation was 6029.7 feet, which equates to 3.34 million acre-feet or 89 percent of live storage capacity. The observed April through July unregulated inflow volume into Flaming Gorge Reservoir was 1,197,000 (101 percent of average), compared with the 68 percent of average forecasted in April.

The average daily base flow for the base flow period is 1,700 cubic feet per second (cfs) per day. The flexibility outlined in the ROD allows the average daily base flow to vary ± 40% from the average daily base flow for the summer period through November 30, and ± 25% for the winter period from December 1 through the end of February. Releases out of Flaming Gorge are currently fluctuating around a 2,025 cfs daily average and are expected to continue at 2,025 cfs through September. It is anticipated that releases will decrease in October to an average daily release of 1,750 cfs.

The next Flaming Gorge Working Group meeting is scheduled for April 27, 2009, in Vernal, Utah. The meeting will be held at 7:00 p.m. at the Western Park Convention

Center located at 302 East 200 South in Vernal, Utah. For directions, please call 435-789-7396. The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stake holders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations and plans presented by Reclamation at these meetings. For more information on this group and these meetings please contact Ed Vidmar at 801-379-1182.

Flaming Gorge Dam is currently releasing 1,750 cfs per day in a double peak pattern. The daily minimum and maximum release is approximately 850 cfs and 2,550 cfs, respectively. It is anticipated that releases will follow a double-peak pattern through the end of February.

Aspinall Unit Reservoirs – October unregulated inflow into Blue Mesa Reservoir was 33,000 acre-feet or 91 percent of average. Precipitation during October was observed to be about 90 percent of average. The current inflow rate into Blue Mesa Reservoir is about 550 cfs while reservoir releases are averaging about 500 cfs. Blue Mesa's present elevation is 7492.91 feet, which corresponds to a storage content of about 604,000 acre-feet. The unregulated reservoir inflow into Blue Mesa Reservoir during water year 2009 was 1,018,000 acre-feet, or about 108 percent of average.

Releases from Crystal are currently set at 500 cfs. The Gunnison Diversion Tunnel was shut down for the season on October 30, with exception of some small 50 to 80 cfs diversions taken bi-weekly for municipal water needs in Montrose, Colorado. River flows below the tunnel are essentially the same as releases from the Dam, with the exception of when the tunnel is taking water to refill Fairfield Reservoir for Montrose municipal water needs.

On November 5, 2009, the National Weather Service's River Forecasting Center issued its forecasted inflow into Blue Mesa for the next 3 months. The unregulated inflow forecast for November, December, and January is for 82,000 acre-feet, which is 102% of average for these months.

The next meeting of the "Aspinall Unit Working Group" will be held on Thursday January 21st in the Montrose, Colorado, starting at 1:00 PM. At this meeting, review of last summer and fall reservoir operations, and plans for this winter and next spring 2010 operations will be discussed. These meetings are open forum discussions on the Aspinall Unit reservoir operations with many interested groups participating. Anyone needing further information about these meetings should contact Dan Crabtree in the Grand Junction Area Office at (970) 248-0652.

Navajo Reservoir - As a result of improved stream flow conditions, Reclamation decreased the release from Navajo Reservoir to 500 cubic feet per second (cfs) on Tuesday, October 20th . Releases are made for the authorized purposes of the Navajo

Unit, and to attempt to maintain a target base flow through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell).

The San Juan River Basin Recovery Implementation Program recommends a target base flow of between 500 cfs and 1,000 cfs through the critical habitat area. The target base flow is calculated as the weekly average of gaged flows throughout the critical habitat area, therefore daily flows of less than 500 cfs may occur at some gages.

Pending significant changes in the weather and stream flow conditions, the reservoir release will likely remain at 500 cfs until next spring (2010).

Precipitation for the month of October in the San Juan River basin was about 80 percent of average. Unregulated inflow into Navajo Reservoir during the month of October was 15,200 acre-feet, or 34 percent of average. Currently, the daily reservoir inflow is averaging about 250 cfs. Diversions for NIIP have currently been shut down for the winter. The reservoir water surface elevation is at 6054.39 feet, which corresponds to a storage content of about 1,278,000 acre-feet.

The unregulated reservoir inflow into Navajo Reservoir during water year 2009 was recorded at 744,000 acre-feet, or about 68 percent of average. The reservoir had a seasonal peak elevation of 6073.01 feet on May 28, 2009. Navajo Reservoir also provided a spring peak hydrograph of 5,000 cfs during the fist week of June.

A public meeting on Navajo Reservoir operations was held on Tuesday, January 26, 2010 at 1:00 p.m. in Farmington, New Mexico. At this meeting, review of last summer and fall reservoir operations, and plans for this winter and spring 2010 operations will be discussed. These are open forum discussions on the operation of Navajo Reservoir with many interested groups participating. Anyone interested in the general operation of the reservoir is encouraged to attend. Please contact Pat Page in Reclamation's Durango, Colorado Office at (970) 385-6560 for information about these meetings or the daily operation of Navajo Reservoir.

Glen Canyon Dam / Lake Powell – The unregulated inflow volume into Lake Powell for October was 374,000 acre-feet ((80% of average). This was 26,000 acre-feet below what was forecasted at the beginning of the month. Consequently, the elevation of Lake Powell at the end of October was somewhat below what was projected in the October 24-month study. The end of October elevation of Lake Powell was 3633.52 feet above sea level. The October 24-month study projected the elevation would end October at 3634.06. So the initial conditions for the November 24-month study are reduced by about 0.5 feet from what was expected in the October 24-month study.

The updated forecast for the unregulated inflow volume to Lake Powell during November is now 430,000 acre-feet (92% of average).

Beginning on November 1, 2009, releases from Glen Canyon Dam will resume normal daily fluctuation consistent with the Glen Canyon Dam Operating Criteria (Federal Register, Volume 62, No. 41, March 3, 1997). The scheduled release volume for November is 690,000 acre-feet. Hourly releases during November will peak during daylight hours into the evening to approximately 13,500 cfs and decrease during early morning hours to approximately 7,500 cfs. Currently, it is projected that the release volume for December will be scheduled to be 855,000 acre-feet. At this volume, it is estimated that the hourly releases during December would peak during daylight hours to approximately 17,000 cfs and decrease during early morning hours to approximately 9,000 cfs. These estimated release rates will be updated towards the end of November.

As of October 1, 2009, the unregulated inflow to Lake Powell during water year 2010 is projected to have an 80% probability of being within the range between 4.7 maf and 16.5 maf. There is an estimated 10% probability that the water year 2010 unregulated inflow volume will be below 4.7 maf and there is also an estimated 10% probability that the water year 2010 unregulated inflow volume will be greater than 16.5 maf.

Based on the range of probable inflow volumes and through implementation of the Interim Guidelines, there is approximately a 50% probability that Equalization will occur in 2010. The determination of whether or not Equalization will occur in 2010 will be based on the projected September 30 Lake Powell water surface elevations of the 2010 April 24-Month Study. If Equalization does occur in 2010, the water year release volume is projected to be approximately 10.7 maf. If however, Equalization does not occur in 2010 (50% probability), the water year release volume could be as low as 8.23 maf. Each month these forecasted probabilities will be updated as hydrologic conditions change in the Upper Colorado River Basin.

Upper Colorado River Basin Hydrology

In the Upper Colorado River Basin during water year 2009, the overall precipitation accumulated through September 30, 2009 is approximately 95% of average based on the 30 year average for the period from 1971 through 2000. The final 3 months of water year 2009 all had accumulated precipitation rates that were all below average with 60, 45 and 75% of average occurring in July, August and September respectively. Precipitation for October 2009 was 90% of average.

The Climate Prediction Center outlook (dated October 15, 2009) for temperature over the next 3 months indicates that temperatures in the southwest have an increased probability of being above average while accumulated precipitation is projected to be near average in the Upper Colorado River Basin.

Upper Colorado River Basin Drought

The Upper Colorado River Basin continues to experience a protracted multi-year drought. Since 1999, inflow to Lake Powell has been below average in every year except water years 2005 and 2008. In the summer of 1999, Lake Powell was close to full with

reservoir storage at 23.5 million acre-feet, or 97 percent of capacity. During the next 5 years (2000 through 2004) unregulated inflow to Lake Powell was well below average. This resulted in Lake Powell storage decreasing during this period to 8.0 million acre-feet (33 percent of capacity) which occurred on April 8, 2005. During 2005, 2008 and 2009, drought conditions eased somewhat with net gains in storage to Lake Powell. As of October 28, 2009 the storage in Lake Powell was 15.38 million acre-feet (63.25 percent of capacity) which is still below desired levels while the overall reservoir storage in the Colorado River Basin as of October 28, 2009 is 34.1 million acre-feet (57.26 percent of capacity).

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-280
125 SOUTH STATE STREET, ROOM 6107
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-5571

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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:	Obs			oct	Forecast		
:	jul	aug	sep	oct	%Avg	nov	dec	jan
GLDA3:Lake Powell	1395	323	265	374	68%:	430/	400/	350/
GBRW4:Fontenelle	247	72	37	48	93%:	42/	33/	31/
GRNU1:Flaming Gorge	284	74	45	86	132%:	51/	40/	38/
BMDC2:Blue Mesa	95	42	26	33	91%:	30/	28/	24/
MPSC2:Morrow Point	97	42	27	34	87%:	32/	30/	26/
CLSC2:Crystal	104	44	29	36	77%:	37/	35/	30/
TPIC2:Taylor Park	14.0	7.4	6.2	6.7	106%:	5.5/	5/	4.5/
VCRC2:Vallecito	19.8	8.0	7.6	8.2	60%:	5.5/	4.5/	4/
NVRN5:Navajo	29	-10.7	5.2	15.2	34%:	21/	19/	18/
LEMC2:Lemon	3.2	1.41	1.71	1.07	37%:	1/	0.8/	0.7/
MPHC2:McPhee	13.0	6.0	6.7	3.1	33%:	4.5/	4/	3.5/

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T E M R E S E R V O I R S

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Fontenelle Reservoir

		Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Nov 2008	41	1	48	13	61	6487.43	211
H	Dec 2008	30	1	26	35	60	6482.26	180
I	Jan 2009	33	1	61	0	61	6476.93	151
S	Feb 2009	27	0	53	0	53	6471.15	124
T	Mar 2009	46	0	59	0	59	6467.98	111
O	Apr 2009	91	1	57	0	57	6475.63	145
R	May 2009	152	1	62	1	64	6490.46	231
I	Jun 2009	477	3	91	285	376	6504.01	330
C	Jul 2009	247	3	88	145	233	6505.36	341
A	Aug 2009	72	2	98	6	104	6500.99	306
L	Sep 2009	37	2	66	0	66	6496.84	276
	WY 2009	1295	15	773	485	1258		
*	Oct 2009	48	1	51	11	62	6494.68	260
	Nov 2009	42	1	0	60	60	6492.07	242
	Dec 2009	33	1	70	0	70	6486.36	204
	Jan 2010	31	1	70	0	70	6479.70	165
	Feb 2010	32	0	63	0	63	6473.28	134
	Mar 2010	48	0	70	0	70	6468.13	111
	Apr 2010	90	1	89	0	89	6468.17	112
	May 2010	180	1	99	6	105	6483.32	186
	Jun 2010	315	2	103	96	199	6500.03	299
	Jul 2010	185	3	101	38	138	6505.68	343
	Aug 2010	80	2	100	5	105	6502.27	316
	Sep 2010	53	2	39	29	68	6500.02	299
	WY 2010	1137	15	854	245	1098		
	Oct 2010	49	1	54	16	71	6496.85	276
	Nov 2010	41	1	68	0	68	6492.94	248
	Dec 2010	32	1	71	0	71	6487.02	209
	Jan 2011	30	1	71	0	71	6480.17	168
	Feb 2011	28	0	64	0	64	6472.72	131
	Mar 2011	52	0	71	0	71	6468.16	111
	Apr 2011	89	1	83	0	83	6469.48	117
	May 2011	176	1	99	6	105	6483.57	187
	Jun 2011	307	2	103	90	193	6499.98	299
	Jul 2011	185	3	101	38	138	6505.66	343
	Aug 2011	82	2	100	5	105	6502.55	318
	Sep 2011	48	2	37	35	71	6499.31	294
	WY 2011	1120	15	921	190	1111		
	Oct 2011	49	1	74	0	74	6495.69	267

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Flaming Gorge Reservoir

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Yampa Flow 1000 Ac-Ft	Jensen Flow 1000 Ac-Ft
*	Nov 2008	47	66	3	65	0	65	83	6020.91	3011	0	107
H	Dec 2008	17	48	2	79	0	79	82	6020.01	2980	0	116
I	Jan 2009	39	67	2	80	0	80	82	6019.63	2965	0	752
S	Feb 2009	37	64	2	62	0	62	82	6019.63	2967	0	104
T	Mar 2009	62	75	3	52	0	52	82	6020.18	2987	0	140
O	Apr 2009	127	93	5	50	0	50	84	6021.21	3024	0	312
R	May 2009	212	125	7	150	0	150	83	6020.33	2993	758	883
I	Jun 2009	573	472	10	96	0	96	97	6029.83	3357	517	624
C	Jul 2009	284	271	14	117	0	117	102	6033.29	3478	109	247
A	Aug 2009	74	106	13	124	0	124	101	6032.53	3448	21	161
L	Sep 2009	45	74	11	120	0	120	99	6031.12	3392	14	144
	WY 2009	1564	1527	79	1065	0	1065					3709
*	Oct 2009	45	59	7	109	0	109	96	6029.69	3337	0	152
	Nov 2009	51	69	3	104	0	104	95	6028.71	3299	0	104
	Dec 2009	40	77	2	108	0	108	94	6027.88	3268	0	108
	Jan 2010	38	77	2	108	0	108	92	6027.06	3237	0	108
	Feb 2010	40	71	2	97	0	97	91	6026.33	3210	0	97
	Mar 2010	70	92	3	109	0	109	90	6025.81	3190	0	109
	Apr 2010	115	114	5	106	0	106	91	6025.90	3194	0	106
	May 2010	220	145	8	154	0	154	90	6025.47	3177	0	154
	Jun 2010	370	254	10	181	0	181	92	6027.08	3238	0	181
	Jul 2010	200	153	13	100	0	100	94	6028.10	3276	0	100
	Aug 2010	88	113	13	100	0	100	94	6028.10	3276	0	100
	Sep 2010	60	75	11	97	0	97	93	6027.27	3245	0	97
	WY 2010	1337	1299	79	1373	0	1373					1415
	Oct 2010	59	81	7	100	0	100	92	6026.60	3220	0	100
	Nov 2010	51	78	3	97	0	97	91	6026.03	3198	0	97
	Dec 2010	36	75	2	100	0	100	90	6025.33	3172	0	100
	Jan 2011	41	81	2	100	0	100	89	6024.80	3153	0	100
	Feb 2011	45	82	2	90	0	90	89	6024.52	3142	0	90
	Mar 2011	103	123	3	100	0	100	89	6025.03	3161	0	100
	Apr 2011	142	136	5	97	0	97	91	6025.93	3195	0	97
	May 2011	263	192	8	142	0	142	92	6027.00	3235	0	142
	Jun 2011	400	286	10	186	0	186	96	6029.26	3321	0	186
	Jul 2011	219	172	14	112	0	112	98	6030.42	3365	0	112
	Aug 2011	96	119	13	112	0	112	97	6030.27	3359	0	112
	Sep 2011	58	81	11	109	0	109	96	6029.31	3322	0	109
	WY 2011	1515	1505	80	1345	0	1345					1345
	Oct 2011	59	84	7	101	0	101	95	6028.68	3299	0	101

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Taylor Park Reservoir

		Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Nov 2008	5	5	9311.19	72
H	Dec 2008	5	5	9311.34	72
I	Jan 2009	5	5	9311.21	72
S	Feb 2009	4	5	9310.95	71
T	Mar 2009	4	5	9310.68	71
O	Apr 2009	11	5	9314.31	77
R	May 2009	46	20	9328.38	103
I	Jun 2009	37	35	9329.45	105
C	Jul 2009	14	0	9324.35	95
A	Aug 2009	7	19	9317.78	83
L	Sep 2009	6	15	9312.44	74
	WY 2009	152	126		
*	Oct 2009	7	8	9311.60	72
	Nov 2009	6	4	9312.52	74
	Dec 2009	5	4	9313.12	75
	Jan 2010	5	4	9313.42	75
	Feb 2010	4	4	9313.42	75
	Mar 2010	4	4	9313.42	75
	Apr 2010	8	8	9313.42	75
	May 2010	25	18	9317.50	82
	Jun 2010	38	20	9327.13	100
	Jul 2010	16	22	9324.04	94
	Aug 2010	8	22	9316.36	80
	Sep 2010	7	15	9311.60	72
	WY 2010	132	133		
	Oct 2010	6	10	9309.19	69
	Nov 2010	5	6	9308.51	68
	Dec 2010	4	5	9308.18	67
	Jan 2011	4	5	9307.65	66
	Feb 2011	4	5	9306.81	65
	Mar 2011	4	5	9306.31	64
	Apr 2011	8	8	9306.53	65
	May 2011	27	16	9313.56	76
	Jun 2011	43	20	9326.18	99
	Jul 2011	20	22	9325.36	97
	Aug 2011	10	22	9318.95	85
	Sep 2011	7	15	9314.33	77
	WY 2011	144	139		
	Oct 2011	6	6	9314.42	77

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Blue Mesa Reservoir

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Nov 2008	27	28	0	33	0	33	7491.42	592
H	Dec 2008	28	27	0	36	0	36	7490.25	583
I	Jan 2009	26	27	0	39	0	39	7488.62	571
S	Feb 2009	24	24	0	42	0	42	7486.19	552
T	Mar 2009	40	40	0	49	0	49	7484.97	543
O	Apr 2009	104	99	1	61	0	61	7489.84	580
R	May 2009	344	317	1	110	10	120	7513.48	776
I	Jun 2009	229	227	1	172	3	175	7519.02	826
C	Jul 2009	95	105	2	144	0	144	7514.49	785
A	Aug 2009	42	54	1	128	0	128	7505.79	710
L	Sep 2009	26	35	1	93	0	93	7498.71	651
	WY 2009	1018	1016	9	993	13	1006		
*	Oct 2009	33	34	1	81	0	81	7492.82	603
	Nov 2009	30	29	0	28	0	28	7492.85	604
	Dec 2009	28	27	0	49	0	49	7490.00	581
	Jan 2010	24	23	0	83	0	83	7482.13	522
	Feb 2010	22	22	0	60	0	60	7476.87	483
	Mar 2010	31	31	0	34	0	34	7476.40	480
	Apr 2010	75	75	1	42	0	42	7480.87	512
	May 2010	190	183	1	58	0	58	7496.94	636
	Jun 2010	225	207	1	46	0	46	7515.67	796
	Jul 2010	89	95	2	87	0	87	7516.40	803
	Aug 2010	49	63	1	121	0	121	7509.71	743
	Sep 2010	38	46	1	105	0	105	7502.65	683
	WY 2010	834	835	9	794	0	794		
	Oct 2010	36	39	1	69	0	69	7499.01	653
	Nov 2010	31	32	0	29	0	29	7499.36	656
	Dec 2010	25	26	0	100	0	100	7490.00	581
	Jan 2011	24	25	0	92	0	92	7481.17	515
	Feb 2011	22	23	0	60	0	60	7476.03	477
	Mar 2011	34	35	0	43	0	43	7474.83	469
	Apr 2011	73	73	1	50	0	50	7477.97	491
	May 2011	212	201	1	74	0	74	7494.55	617
	Jun 2011	271	248	1	71	0	71	7515.39	793
	Jul 2011	121	122	2	112	0	112	7516.40	803
	Aug 2011	62	74	1	122	0	122	7510.78	753
	Sep 2011	36	44	1	113	0	113	7502.61	683
	WY 2011	946	942	9	934	0	934		
	Oct 2011	36	35	1	69	0	69	7498.47	649

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Morrow Point Reservoir

		Unreg Inflow 1000 Ac-Ft	Blue_Mesa Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Evap losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Nov 2008	29	33	2	35	0	35	0	35	7153.60	112
H	Dec 2008	29	36	2	38	0	39	0	39	7152.11	111
I	Jan 2009	28	39	1	40	0	43	0	43	7148.12	108
S	Feb 2009	24	42	1	43	0	45	0	45	7145.98	106
T	Mar 2009	42	49	2	51	0	43	6	49	7147.72	107
O	Apr 2009	119	61	14	75	0	69	0	69	7155.78	114
R	May 2009	377	120	34	154	0	153	2	155	7154.23	112
I	Jun 2009	241	175	12	188	0	184	0	184	7158.19	116
C	Jul 2009	97	144	2	146	0	148	0	148	7155.33	113
A	Aug 2009	42	128	0	128	0	129	0	129	7154.90	113
L	Sep 2009	27	93	1	94	0	100	0	100	7146.95	107
	WY 2009	1088	1006	71	1077	1	1074	8	1083		
*	Oct 2009	34	81	1	82	0	81	0	81	7148.23	108
	Nov 2009	32	28	2	30	0	26	0	26	7153.73	112
	Dec 2009	30	49	2	51	0	51	0	51	7153.73	112
	Jan 2010	26	83	2	85	0	85	0	85	7153.73	112
	Feb 2010	23	60	1	61	0	61	0	61	7153.73	112
	Mar 2010	34	34	3	37	0	37	0	37	7153.73	112
	Apr 2010	86	42	11	53	0	53	0	53	7153.73	112
	May 2010	215	58	25	83	0	83	0	83	7153.73	112
	Jun 2010	245	46	20	66	0	66	0	66	7153.73	112
	Jul 2010	95	87	6	93	0	93	0	93	7153.73	112
	Aug 2010	53	121	4	125	0	125	0	125	7153.73	112
	Sep 2010	44	105	6	111	0	111	0	111	7153.73	112
	WY 2010	917	794	83	877	0	872	0	872		
	Oct 2010	38	69	3	72	0	72	0	72	7153.73	112
	Nov 2010	33	29	2	31	0	31	0	31	7153.73	112
	Dec 2010	27	100	2	102	0	102	0	102	7153.73	112
	Jan 2011	26	92	2	94	0	94	0	94	7153.73	112
	Feb 2011	25	60	3	63	0	63	0	63	7153.73	112
	Mar 2011	38	43	4	47	0	47	0	47	7153.73	112
	Apr 2011	84	50	11	61	0	61	0	61	7153.73	112
	May 2011	237	74	25	99	0	99	0	99	7153.73	112
	Jun 2011	292	71	21	92	0	92	0	92	7153.73	112
	Jul 2011	127	112	7	118	0	118	0	118	7153.73	112
	Aug 2011	65	122	4	126	0	126	0	126	7153.73	112
	Sep 2011	39	113	3	116	0	116	0	116	7153.73	112
	WY 2011	1032	934	86	1020	0	1020	0	1020		
	Oct 2011	38	69	3	72	0	72	0	72	7153.73	112

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Crystal Reservoir

	unreg Inflow 1000 Ac-Ft	Morrow Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Tunnel Flow 1000 Ac-Ft	Below_tunnel Flow 1000 Ac-Ft
* Nov 2008	33	35	4	38	39	0	39	6742.20	14	1	40
H Dec 2008	32	39	3	42	42	0	42	6742.53	14	1	43
I Jan 2009	31	43	4	47	38	9	47	6741.02	14	1	49
S Feb 2009	28	45	3	48	24	20	45	6752.05	17	1	46
T Mar 2009	47	49	5	55	55	0	55	6751.30	16	10	47
O Apr 2009	130	69	12	81	80	0	80	6752.70	17	36	48
R May 2009	431	155	53	208	120	88	208	6752.57	17	55	160
I Jun 2009	264	184	23	207	116	91	207	6753.30	17	59	160
C Jul 2009	104	148	7	156	128	30	158	6743.22	14	68	101
A Aug 2009	44	129	2	131	130	0	130	6746.30	15	67	72
L Sep 2009	29	100	2	102	102	0	102	6746.55	15	63	46
WY 2009	1209	1083	121	1204	964	238	1202			416	857
* Oct 2009	36	81	3	84	72	10	82	6751.89	17	49	36
Nov 2009	37	26	5	31	30	0	30	6753.04	17	0	30
Dec 2009	35	51	5	56	56	0	56	6753.04	17	0	56
Jan 2010	30	85	4	89	89	0	89	6753.04	17	0	89
Feb 2010	26	61	3	64	64	0	64	6753.04	17	0	64
Mar 2010	40	37	6	43	43	0	43	6753.04	17	5	38
Apr 2010	100	53	14	67	67	0	67	6753.04	17	30	37
May 2010	245	83	30	113	113	0	113	6753.04	17	55	58
Jun 2010	275	66	30	96	96	0	96	6753.04	17	60	36
Jul 2010	105	93	10	103	103	0	103	6753.04	17	65	38
Aug 2010	56	125	3	128	128	0	128	6753.04	17	65	63
Sep 2010	49	111	5	116	116	0	116	6753.04	17	55	61
WY 2010	1034	872	118	990	977	10	988			384	606
Oct 2010	44	72	6	78	78	0	78	6753.04	17	30	48
Nov 2010	38	31	5	36	36	0	36	6753.04	17	0	36
Dec 2010	32	102	5	107	107	0	107	6753.04	17	0	107
Jan 2011	31	94	5	99	99	0	99	6753.04	17	0	99
Feb 2011	29	63	4	67	67	0	67	6753.04	17	0	67
Mar 2011	46	47	7	54	54	0	54	6753.04	17	5	49
Apr 2011	96	61	12	73	73	0	73	6753.04	17	30	43
May 2011	272	99	35	134	134	0	134	6753.04	17	55	79
Jun 2011	330	92	38	130	130	0	130	6753.04	17	60	70
Jul 2011	144	118	17	135	134	1	135	6753.04	17	65	70
Aug 2011	74	126	8	134	134	0	134	6753.04	17	65	69
Sep 2011	45	116	6	122	122	0	122	6753.04	17	55	67
WY 2011	1183	1020	150	1170	1169	1	1170			365	805
Oct 2011	44	72	6	78	78	0	78	6753.04	17	30	48

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Vallecito Reservoir

		Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Nov 2008	5	2	7641.75	68
H	Dec 2008	5	2	7643.06	71
I	Jan 2009	5	2	7644.39	74
S	Feb 2009	5	2	7645.61	77
T	Mar 2009	8	4	7647.33	81
O	Apr 2009	22	10	7652.11	92
R	May 2009	98	66	7664.50	124
I	Jun 2009	44	43	7664.64	124
C	Jul 2009	19	39	7656.79	104
A	Aug 2009	8	39	7643.59	72
L	Sep 2009	8	30	7632.32	49
	WY 2009	237	254		
*	Oct 2009	8	13	7629.82	44
	Nov 2009	6	3	7631.17	47
	Dec 2009	5	3	7631.91	48
	Jan 2010	4	3	7632.36	49
	Feb 2010	3	3	7632.70	50
	Mar 2010	5	3	7633.88	52
	Apr 2010	17	12	7636.31	57
	May 2010	62	35	7648.44	83
	Jun 2010	72	52	7656.29	103
	Jul 2010	26	43	7649.16	85
	Aug 2010	16	42	7637.24	59
	Sep 2010	14	32	7627.39	40
	WY 2010	238	244		
	Oct 2010	14	19	7623.99	35
	Nov 2010	8	6	7625.48	37
	Dec 2010	6	5	7626.34	39
	Jan 2011	5	5	7626.65	39
	Feb 2011	5	4	7626.89	39
	Mar 2011	8	5	7628.85	43
	Apr 2011	22	12	7634.20	53
	May 2011	69	43	7646.43	79
	Jun 2011	78	59	7654.11	97
	Jul 2011	31	43	7648.90	84
	Aug 2011	19	42	7638.49	61
	Sep 2011	17	32	7630.70	46
	WY 2011	282	274		
	Oct 2011	14	19	7627.57	41

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Navajo Reservoir

		Mod_Unreg Inflow 1000 Ac-Ft	Azetea Tunnel_Div 1000 Ac-Ft	Reg Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	NIIP Diversion 1000 ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Farm Flow 1000 Ac-Ft
*	Nov 2008	21	0	17	1	0	30	6055.68	1294	47
H	Dec 2008	19	0	16	1	0	31	6054.38	1277	48
I	Jan 2009	23	0	20	1	1	32	6053.29	1264	54
S	Feb 2009	28	1	24	1	0	28	6052.85	1260	50
T	Mar 2009	76	6	65	2	5	31	6055.13	1288	61
O	Apr 2009	125	19	97	2	19	30	6058.76	1337	69
R	May 2009	361	52	275	4	29	59	6072.47	1515	251
I	Jun 2009	146	24	120	5	36	115	6069.92	1479	184
C	Jul 2009	29	4	43	5	43	53	6065.70	1422	77
A	Aug 2009	-11	0	20	4	42	49	6059.96	1347	64
L	Sep 2009	5	0	28	3	22	37	6057.32	1314	52
	WY 2009	850	106	761	28	210	529			1002
*	Oct 2009	15	0	20	2	13	37	6054.76	1283	61
	Nov 2009	21	0	18	1	0	30	6053.75	1270	30
	Dec 2009	19	0	18	1	0	31	6052.61	1256	31
	Jan 2010	18	0	17	1	0	31	6051.40	1242	31
	Feb 2010	25	0	24	1	0	28	6051.03	1238	28
	Mar 2010	74	1	71	2	4	31	6053.92	1272	31
	Apr 2010	125	15	105	2	17	30	6058.47	1328	30
	May 2010	245	34	184	4	29	85	6063.63	1395	85
	Jun 2010	220	28	172	4	44	147	6061.85	1371	147
	Jul 2010	48	4	61	4	47	31	6060.23	1351	31
	Aug 2010	26	2	50	4	40	31	6058.32	1327	31
	Sep 2010	35	1	52	3	22	30	6058.11	1324	30
	WY 2010	871	85	792	27	216	540			564
	Oct 2010	40	2	44	2	8	31	6058.44	1328	31
	Nov 2010	33	0	30	1	0	30	6058.41	1328	30
	Dec 2010	24	0	22	1	0	31	6057.68	1319	31
	Jan 2011	22	0	21	1	0	31	6056.86	1308	31
	Feb 2011	30	0	30	1	0	28	6056.94	1309	28
	Mar 2011	88	2	83	2	4	61	6058.21	1325	61
	Apr 2011	174	16	148	3	17	60	6063.60	1394	60
	May 2011	279	33	219	4	29	200	6062.56	1381	200
	Jun 2011	246	29	198	4	44	212	6057.68	1319	212
	Jul 2011	74	7	79	4	47	31	6057.45	1316	31
	Aug 2011	43	3	63	4	40	31	6056.61	1305	31
	Sep 2011	42	1	56	3	22	30	6056.71	1307	30
	WY 2011	1096	93	994	27	210	775			775
	Oct 2011	40	1	44	2	8	31	6057.06	1311	31

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Lake Powell

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	PowerPlant Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Bank Storage 1000 Ac-Ft	EOM Storage 1000 Ac-Ft	Lees Ferry 1000 Ac-Ft
*	Nov 2008	419	455	36	603	0	603	3621.90	17367	13966	612
H	Dec 2008	312	386	28	801	0	801	3617.89	17349	13541	818
I	Jan 2009	329	394	9	802	0	802	3614.17	17318	13155	822
S	Feb 2009	323	377	9	602	0	602	3612.05	17300	12938	612
T	Mar 2009	470	445	16	626	0	626	3610.43	17268	12774	632
O	Apr 2009	788	669	25	604	0	604	3611.26	17224	12858	611
R	May 2009	2921	2446	31	582	0	582	3629.09	17163	14751	586
I	Jun 2009	2701	2217	54	664	0	664	3640.49	17353	16061	670
C	Jul 2009	1394	1219	67	803	0	803	3641.14	17625	16138	828
A	Aug 2009	323	536	66	802	0	802	3637.50	17721	15710	829
L	Sep 2009	261	466	59	598	0	598	3635.37	17777	15463	613
	WY 2009	10623	10107	437	8236	0	8236				8396
*	Oct 2009	342	508	41	620	0	620	3633.52	17837	15251	634
	Nov 2009	430	485	35	690	0	690	3631.56	17819	15028	690
	Dec 2009	400	501	29	855	0	855	3628.39	17790	14673	855
	Jan 2010	350	491	22	955	0	955	3624.30	17754	14224	955
	Feb 2010	350	448	20	800	0	800	3621.10	17727	13880	800
	Mar 2010	600	604	25	900	0	900	3618.29	17703	13582	900
	Apr 2010	900	794	28	1010	0	1010	3616.13	17685	13357	1010
	May 2010	1950	1655	38	1030	0	1030	3621.29	17729	13901	1030
	Jun 2010	2600	2232	45	1046	0	1046	3630.93	17813	14957	1046
	Jul 2010	1100	1031	52	1100	0	1100	3629.92	17804	14844	1100
	Aug 2010	475	605	53	1066	0	1066	3625.63	17766	14369	1066
	Sep 2010	425	547	45	595	0	595	3624.83	17759	14282	595
	WY 2010	9922	9901	433	10667	0	10667				10681
	Oct 2010	514	588	41	615	0	615	3624.25	17754	14219	615
	Nov 2010	523	564	34	600	0	600	3623.66	17749	14155	600
	Dec 2010	414	560	28	800	0	800	3621.35	17729	13907	800
	Jan 2011	384	520	21	800	0	800	3618.72	17707	13628	800
	Feb 2011	394	475	20	600	0	600	3617.44	17696	13494	600
	Mar 2011	628	612	24	600	0	600	3617.33	17695	13483	600
	Apr 2011	950	800	28	700	0	700	3617.97	17700	13550	700
	May 2011	2161	1886	39	838	0	838	3626.68	17775	14484	838
	Jun 2011	2811	2436	47	1000	0	1000	3638.02	17878	15770	1000
	Jul 2011	1346	1240	55	1050	0	1050	3639.09	17888	15896	1050
	Aug 2011	566	672	56	1000	0	1000	3636.04	17860	15541	1000
	Sep 2011	460	597	48	595	0	595	3635.68	17856	15498	595
	WY 2011	11151	10950	439	9198	0	9198				9198
	Oct 2011	514	589	43	615	0	615	3635.12	17851	15434	615

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Hoover Dam - Lake Mead

		Glen Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	SNWP Use 1000 Ac-Ft	Dwnstrm Reqmnts 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
*	Nov 2008	603	74	47	675	11.3	15	659	790	1107.33	12157
H	Dec 2008	801	62	41	453	7.4	8	432	812	1110.97	12496
I	Jan 2009	802	63	34	741	12.1	9	739	817	1111.78	12572
S	Feb 2009	602	82	31	679	12.2	9	669	815	1111.43	12539
T	Mar 2009	626	62	34	1037	16.9	17	1036	791	1107.40	12164
O	Apr 2009	604	36	42	1174	19.7	20	1169	754	1101.26	11604
R	May 2009	582	63	47	977	15.9	33	968	729	1096.92	11217
I	Jun 2009	664	11	56	750	12.6	25	748	720	1095.26	11071
C	Jul 2009	803	38	70	840	13.7	30	838	714	1094.20	10978
A	Aug 2009	802	59	74	801	13.0	30	792	711	1093.73	10938
L	Sep 2009	598	55	61	575	9.7	22	570	711	1093.68	10933
	WY 2009	8236	651	585	9210		242	9119			
*	Oct 2009	620	22	44	613	10.0	23	609	708	1093.26	10897
	Nov 2009	690	73	44	653	11.0	32	653	710	1093.62	10928
	Dec 2009	855	65	39	598	9.7	26	598	726	1096.37	11169
	Jan 2010	955	131	32	688	11.2	20	688	747	1100.03	11494
	Feb 2010	800	134	30	676	12.2	21	676	760	1102.20	11689
	Mar 2010	900	96	33	1014	16.5	28	1014	755	1101.37	11614
	Apr 2010	1010	75	41	1108	18.6	22	1108	750	1100.46	11532
	May 2010	1030	70	48	1005	16.3	32	1005	751	1100.62	11547
	Jun 2010	1046	24	58	887	14.9	29	887	756	1101.63	11637
	Jul 2010	1100	61	72	903	14.7	31	903	766	1103.24	11783
	Aug 2010	1066	110	78	809	13.1	32	809	782	1105.89	12025
	Sep 2010	595	78	64	668	11.2	27	668	776	1105.00	11944
	WY 2010	10667	939	583	9621		324	9617			
	Oct 2010	615	73	47	438	7.1	39	438	786	1106.67	12097
	Nov 2010	600	73	47	566	9.5	28	566	788	1107.00	12127
	Dec 2010	800	65	41	537	8.7	22	537	804	1109.67	12375
	Jan 2011	800	131	34	674	11.0	20	674	817	1111.71	12567
	Feb 2011	600	134	31	673	12.1	19	673	817	1111.82	12576
	Mar 2011	600	96	35	1005	16.3	27	1005	795	1108.10	12229
	Apr 2011	700	75	42	1139	19.1	24	1139	769	1103.70	11825
	May 2011	838	70	48	1008	16.4	33	1008	758	1101.82	11654
	Jun 2011	1000	24	58	898	15.1	31	898	760	1102.21	11690
	Jul 2011	1050	61	73	897	14.6	33	897	766	1103.33	11791
	Aug 2011	1000	110	78	801	13.0	34	801	778	1105.36	11977
	Sep 2011	595	78	64	615	10.3	29	615	776	1105.00	11944
	WY 2011	9198	990	596	9252		340	9252			
	Oct 2011	615	73	47	467	7.6	38	467	785	1106.39	12071

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Davis Dam - Lake Mohave

		Hoover Release 1000 Ac-Ft	Side inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Spill Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
*	Nov 2008	675	-23	603	0	603	10.1	635.28	1493
H	Dec 2008	453	-23	339	0	339	5.5	638.77	1585
I	Jan 2009	741	-25	655	0	655	10.6	641.08	1647
S	Feb 2009	679	-18	629	0	629	11.3	642.29	1679
T	Mar 2009	1037	-27	1035	0	1035	16.8	641.38	1655
O	Apr 2009	1174	-30	1097	0	1097	18.4	643.11	1702
R	May 2009	977	-28	916	0	916	14.9	644.36	1736
I	Jun 2009	750	-28	788	0	788	13.2	641.92	1669
C	Jul 2009	840	-20	835	0	835	13.6	641.37	1654
A	Aug 2009	801	-31	756	0	756	12.3	641.90	1669
L	Sep 2009	575	-16	726	0	726	12.2	635.60	1501
	WY 2009	9210	-286	9008	0	9008			
*	Oct 2009	613	-22	623	0	623	10.1	634.34	1469
	Nov 2009	653	-18	605	0	605	10.2	635.50	1499
	Dec 2009	598	-20	495	0	495	8.0	638.70	1583
	Jan 2010	688	-22	582	0	582	9.5	641.80	1666
	Feb 2010	676	-15	661	0	661	11.9	641.80	1666
	Mar 2010	1014	-26	954	0	954	15.5	643.05	1700
	Apr 2010	1108	-28	1081	0	1081	18.2	643.00	1699
	May 2010	1005	-35	970	0	970	15.8	643.00	1699
	Jun 2010	887	-27	887	0	887	14.9	642.00	1671
	Jul 2010	903	-23	893	0	893	14.5	641.50	1658
	Aug 2010	809	-25	784	0	784	12.7	641.50	1658
	Sep 2010	668	-17	745	0	745	12.5	638.00	1564
	WY 2010	9621	-278	9280	0	9280			
	Oct 2010	438	-4	564	0	564	9.2	633.00	1434
	Nov 2010	566	-18	497	0	497	8.4	635.00	1486
	Dec 2010	537	-20	420	0	420	6.8	638.71	1583
	Jan 2011	674	-22	568	0	568	9.2	641.80	1666
	Feb 2011	673	-15	659	0	659	11.9	641.80	1666
	Mar 2011	1005	-26	944	0	944	15.4	643.05	1700
	Apr 2011	1139	-28	1112	0	1112	18.7	643.00	1699
	May 2011	1008	-35	973	0	973	15.8	643.00	1699
	Jun 2011	898	-27	898	0	898	15.1	642.00	1671
	Jul 2011	897	-23	888	0	888	14.4	641.50	1658
	Aug 2011	801	-25	776	0	776	12.6	641.50	1658
	Sep 2011	615	-17	692	0	692	11.6	638.00	1564
	WY 2011	9252	-260	8991	0	8991			
	Oct 2011	467	-4	593	0	593	9.6	633.00	1434

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Parker Dam - Lake Havasu

		Davis Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	MWD Diversion 1000 Ac-Ft	CAP diversion 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft	Flow_to Mexico 1000 Ac-Ft	Flow_to Mexico 1000 CFS
*	Nov 2008	603	16	379	6.4	53	168	447.54	571	118	2.0
H	Dec 2008	339	15	236	3.8	67	65	446.81	558	139	2.3
I	Jan 2009	655	-6	379	6.2	100	171	446.67	555	121	2.0
S	Feb 2009	629	3	397	7.2	82	162	446.08	544	162	2.9
T	Mar 2009	1035	-7	736	12.0	99	180	446.75	557	208	3.4
O	Apr 2009	1097	-5	784	13.2	98	172	448.75	595	205	3.4
R	May 2009	916	-3	647	10.5	101	165	448.71	594	122	2.0
I	Jun 2009	788	-6	595	10.0	98	94	448.49	590	113	1.9
C	Jul 2009	835	-13	655	10.6	100	75	448.11	582	120	2.0
A	Aug 2009	756	-3	582	9.5	100	70	448.19	584	101	1.6
L	Sep 2009	726	-2	505	8.5	96	143	447.16	564	93	1.6
	WY 2009	9008	-7	6347		1072	1602			1585	
*	Oct 2009	623	-1	446	7.2	27	133	448.03	581	76	1.2
	Nov 2009	605	13	375	6.3	106	147	447.50	571	103	1.7
	Dec 2009	495	11	291	4.7	110	114	447.00	561	118	1.9
	Jan 2010	582	25	352	5.7	100	164	446.50	552	119	1.9
	Feb 2010	661	28	444	8.0	90	155	446.50	552	154	2.8
	Mar 2010	954	30	708	11.5	100	172	446.70	555	204	3.3
	Apr 2010	1081	-6	775	13.0	97	165	448.71	594	199	3.3
	May 2010	970	-16	696	11.3	100	157	448.71	594	111	1.8
	Jun 2010	887	-26	675	11.3	97	89	448.71	594	116	1.9
	Jul 2010	893	-18	717	11.7	100	72	448.00	580	119	1.9
	Aug 2010	784	-11	615	10.0	100	67	447.50	571	93	1.5
	Sep 2010	745	-12	528	8.9	71	147	446.80	557	89	1.5
	WY 2010	9280	17	6622		1099	1582			1502	
	Oct 2010	564	6	442	7.2	24	112	446.31	548	74	1.2
	Nov 2010	497	13	372	6.2	25	110	446.50	552	103	1.7
	Dec 2010	420	11	282	4.6	25	124	446.50	552	118	1.9
	Jan 2011	568	25	341	5.5	83	169	446.50	552	119	1.9
	Feb 2011	659	28	452	8.1	75	160	446.50	552	149	2.7
	Mar 2011	944	30	718	11.7	83	170	446.70	555	206	3.4
	Apr 2011	1112	-6	820	13.8	80	168	448.71	594	200	3.4
	May 2011	973	-16	700	11.4	83	175	448.71	594	113	1.8
	Jun 2011	898	-26	664	11.2	80	128	448.71	594	115	1.9
	Jul 2011	888	-18	722	11.7	83	79	448.00	580	119	1.9
	Aug 2011	776	-11	625	10.2	83	66	447.50	571	93	1.5
	Sep 2011	692	-12	539	9.1	60	95	446.80	557	89	1.5
	WY 2011	8991	24	6675		782	1557			1499	
	Oct 2011	593	6	447	7.3	23	138	446.31	548	74	1.2

model_run_id = 2040

F L O O D C O N T R O L C R I T E R I A
B E G I N N I N G O F M O N T H C O N D I T I O N S

MON	YEAR	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	LAKE POWELL KAF	UPPER BASIN TOTAL KAF	LAKE MEAD KAF	TOTAL KAF	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	TOT OR MAX ALLOW KAF	LAKE POWELL KAF	LAKE MEAD KAF	TOTAL KAF	BOM SPACE REQD KAF	MEAD SCHED REL KAF	MEAD FC REL KAF	SYS CONT MAF
		* * * * P R E D I C T E D S P A C E * * * *										* * * * C R E D I T A B L E S P A C E * * * *							
NOV	2009	497	226	413	9069	10205	16483	26689	497	226	413	1136	9069	16483	26689	3810	653	0	33.6
DEC	2009	552	226	426	9292	10495	16452	26947	552	226	426	1204	9292	16452	26947	4580	598	0	33.5
JAN	2010	621	248	440	9647	10956	16211	27167	621	248	440	1309	9647	16211	27167	5350	688	0	33.3
												* * * * E F F E C T I V E S P A C E * * * *							
JAN	2010	621	248	440	9647	10956	16211	27167	198	246	252	697	9647	16211	26555	5350	688	0	33.3
FEB	2010	692	308	454	10096	11550	15886	27436	268	305	266	839	10096	15886	26821	1500	676	0	33.1
MAR	2010	751	346	458	10440	11995	15691	27687	325	343	269	937	10440	15691	27069	1500	1014	0	32.7
APR	2010	792	349	424	10738	12303	15766	28069	364	346	229	939	10738	15766	27443	1500	1108	0	32.5
MAY	2010	789	317	368	10963	12436	15848	28284	355	313	154	822	10963	15848	27633	1500	1005	0	33.3
JUN	2010	731	193	301	10419	11644	15833	27478	289	181	55	525	10419	15833	26778	1500	887	0	34.8
JUL	2010	557	34	325	9363	10278	15743	26021	100	2	30	132	9363	15743	25238	1500	903	0	34.9
												* * * * C R E D I T A B L E S P A C E * * * *							
AUG	2010	475	27	345	9476	10322	15597	25920	475	27	345	847	9476	15597	25920	1500	809	0	34.5
SEP	2010	501	86	369	9951	10908	15355	26263	501	86	369	957	9951	15355	26263	2270	668	0	34.1
OCT	2010	550	146	372	10038	11106	15436	26542	550	146	372	1068	10038	15436	26542	3040	438	0	34.0
NOV	2010	598	176	368	10101	11243	15283	26526	598	176	368	1142	10101	15283	26526	3810	566	0	33.9
DEC	2010	647	173	368	10165	11354	15253	26607	647	173	368	1189	10165	15253	26607	4580	537	0	33.9
JAN	2011	713	248	377	10413	11751	15005	26756	713	248	377	1338	10413	15005	26756	5350	674	0	33.8
												* * * * E F F E C T I V E S P A C E * * * *							
JAN	2011	713	248	377	10413	11751	15005	26756	387	248	155	790	10413	15005	26208	5350	674	0	33.8
FEB	2011	773	315	388	10692	12168	14813	26982	446	315	165	925	10692	14813	26431	1500	673	0	33.5
MAR	2011	820	352	387	10826	12385	14804	27189	491	352	163	1005	10826	14804	26635	1500	1005	0	33.2
APR	2011	821	360	371	10837	12390	15151	27540	487	360	141	989	10837	15151	26977	1500	1139	0	33.1
MAY	2011	782	338	302	10770	12192	15555	27748	442	338	53	833	10770	15555	27158	1500	1008	0	34.1
JUN	2011	672	212	315	9836	11035	15726	26761	321	210	34	564	9836	15726	26126	1500	898	0	35.7
JUL	2011	474	36	377	8550	9438	15690	25128	107	9	48	164	8550	15690	24405	1500	897	0	36.0
												* * * * C R E D I T A B L E S P A C E * * * *							
AUG	2011	385	27	380	8424	9217	15589	24806	385	27	380	793	8424	15589	24806	1500	801	0	35.7
SEP	2011	416	77	391	8779	9663	15403	25066	416	77	391	884	8779	15403	25066	2270	615	0	35.4
OCT	2011	478	147	389	8822	9835	15436	25272	478	147	389	1014	8822	15436	25272	3040	467	0	35.2

To: All Annual Operating Plan Recipients

From: Lower Colorado Region
Boulder Canyon Operations Office
River Operations Group
Bruce Williams
P.O. Box 61470
Boulder City, NV 89006-1470
Phone: 702-293-8571

The operation of Lake Powell and Lake Mead in this December 2009 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines), and reflects the 2009 Annual Operating Plan (AOP) and draft 2010 AOP. Pursuant to the Interim Guidelines, the August 24-Month Study projections of the January 1 system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead. If the operating tier for the year is the Upper Elevation Balancing Tier, an adjustment may be made in April based on the April 24-Month Study projection of the September 30 system storage and reservoir water surface elevations.

The Upper Elevation Balancing Tier is the operational tier for water year 2010 for Glen Canyon Dam. The Intentionally Created Surplus (ICS) Surplus condition is the criterion governing the operation of Lake Mead for calendar years 2009 and 2010.

With a Lake Powell water year release volume of 8.23 million acre-feet (maf), the December 24-Month Study projects Lake Powell's 2010 end of water year elevation to be above the 2010 Equalization Elevation of 3,642 feet. Pursuant to the Interim Guidelines, the December 24-Month Study projects an April adjustment to the Equalization Tier in 2010. The annual release from Glen Canyon Dam under the Equalization Tier is projected to be 10.765 maf. Based on analysis of recently updated possible inflow scenarios, the probability of an April adjustment to the Equalization Tier in 2010 is currently 36 percent.

During the fall and early winter months, inflow forecasting capability can be highly variable with limited accuracy. Traditionally, Reclamation incorporates the first official water supply forecast (forecast that extends through July of the current water year) into the January 24-Month Study. This forecast will likely be more consistent with the inflow scenarios used this month to analyze the current probability of equalization projection.

The Interim Guidelines are available for download at http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The 2009 AOP is available for download at http://www.usbr.gov/uc/water/rsvrs/ops/aop/AOP09_final.pdf.
The draft 2010 AOP is available for download at http://www.usbr.gov/lc/region/g4000/AOP2010/AOP10_draft.pdf.

Current runoff projections into Lake Powell are provided by the National Weather Service's Colorado Basin River Forecast Center and are as follows: Observed unregulated inflow into Lake Powell for the month of November 2009 was 0.417 maf or 77% of the 30 year average. The forecast for December 2009 unregulated inflow into Lake Powell is 0.375 maf or 86% of the 30 year average.

In this study, the Calendar Year (CY) 2009 diversion for Metropolitan Water District of Southern California (MWD) is forecasted to be 1.118 maf. The CY 2009 diversion for the Central Arizona Project (CAP) is forecasted to be 1.660 maf. Consumptive use for Nevada above Hoover is forecasted to be 0.243 maf for CY 2009.

Due to declining Lake Mead elevations, Hoover's generator capacity is adjusted based on estimated effective capacity and plant availability. The estimated effective capacity is based on projected Lake Mead elevations. Unit capacity tests will be performed as the lake elevation changes in 2-foot increments. This study reflects these changes in the projections.

Hoover, Davis, and Parker historical gross energy figures come from PO&M reports provided by the Lower Colorado Region's Power Management Office, Bureau of Reclamation, Boulder City, Nevada. Questions regarding these historical energy numbers can be directed to Larry Karr at (702) 293-8094.

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T E M R E S E R V O I R S

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Fontenelle Reservoir

	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
* Dec 2008	30	1	26	35	60	6482.26	180
H Jan 2009	33	1	61	0	61	6476.93	151
I Feb 2009	27	0	53	0	53	6471.15	124
S Mar 2009	46	0	59	0	59	6467.98	111
T Apr 2009	91	1	57	0	57	6475.63	145
O May 2009	152	1	62	1	64	6490.46	231
R Jun 2009	477	3	91	285	376	6504.01	330
I Jul 2009	247	3	88	145	233	6505.36	341
C Aug 2009	72	2	98	6	104	6500.99	306
A Sep 2009	37	2	66	0	66	6496.84	276
WY 2009	1295	15	773	485	1258		
L Oct 2009	48	1	51	11	62	6494.68	260
* Nov 2009	42	1	0	62	62	6491.61	239
Dec 2009	33	1	69	0	69	6485.92	202
Jan 2010	31	1	69	0	69	6479.21	163
Feb 2010	29	0	63	0	63	6472.12	128
Mar 2010	48	0	69	0	69	6466.91	106
Apr 2010	90	1	83	0	83	6468.43	113
May 2010	180	1	99	6	105	6483.50	187
Jun 2010	315	2	103	96	199	6500.17	300
Jul 2010	185	3	101	38	138	6505.80	344
Aug 2010	80	2	100	5	105	6502.40	317
Sep 2010	53	2	39	29	68	6500.15	300
WY 2010	1134	15	846	248	1094		
Oct 2010	49	1	54	16	71	6496.99	277
Nov 2010	41	1	68	0	68	6493.09	249
Dec 2010	32	1	71	0	71	6487.18	210
Jan 2011	30	1	71	0	71	6480.34	169
Feb 2011	28	0	64	0	64	6472.94	132
Mar 2011	52	0	71	0	71	6468.40	112
Apr 2011	89	1	83	0	83	6469.71	118
May 2011	176	1	99	5	105	6483.74	188
Jun 2011	307	2	103	90	193	6500.11	300
Jul 2011	185	3	101	38	138	6505.78	344
Aug 2011	82	2	99	5	105	6502.67	319
Sep 2011	48	2	36	35	71	6499.44	295
WY 2011	1120	15	921	190	1111		
Oct 2011	49	1	74	0	74	6495.82	268
Nov 2011	44	1	71	0	71	6491.81	240

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Flaming Gorge Reservoir

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Yampa Flow 1000 Ac-Ft	Jensen Flow 1000 Ac-Ft
*	Dec 2008	17	48	2	79	0	79	82	6020.01	2980	0	116
H	Jan 2009	39	67	2	80	0	80	82	6019.63	2965	0	752
I	Feb 2009	37	64	2	62	0	62	82	6019.63	2967	0	104
S	Mar 2009	62	75	3	52	0	52	82	6020.18	2987	0	140
T	Apr 2009	127	93	5	50	0	50	84	6021.21	3024	0	312
O	May 2009	212	125	7	150	0	150	83	6020.33	2993	758	883
R	Jun 2009	573	472	10	96	0	96	97	6029.83	3357	517	624
I	Jul 2009	284	271	14	117	0	117	102	6033.29	3478	109	247
C	Aug 2009	74	106	13	124	0	124	101	6032.53	3448	21	161
A	Sep 2009	45	74	11	120	0	120	99	6031.12	3392	14	144
	WY 2009	1564	1527	79	1065	0	1065					3709
L	Oct 2009	45	59	7	109	0	109	96	6029.69	3337	0	152
*	Nov 2009	47	67	4	104	0	104	95	6028.67	3298	0	0
	Dec 2009	40	76	2	108	0	108	94	6027.84	3266	0	108
	Jan 2010	38	76	2	108	0	108	92	6027.00	3235	0	108
	Feb 2010	36	70	2	97	0	97	91	6026.25	3206	0	97
	Mar 2010	70	91	3	90	0	90	91	6026.20	3205	0	90
	Apr 2010	115	108	5	86	0	86	92	6026.64	3221	0	86
	May 2010	220	145	8	146	0	146	91	6026.41	3213	0	146
	Jun 2010	370	254	10	176	0	176	94	6028.14	3278	0	176
	Jul 2010	200	153	14	100	0	100	96	6029.15	3316	0	100
	Aug 2010	88	113	13	100	0	100	96	6029.14	3316	0	100
	Sep 2010	60	75	11	97	0	97	94	6028.33	3285	0	97
	WY 2010	1329	1289	80	1321	0	1321					1260
	Oct 2010	59	81	7	100	0	100	93	6027.66	3260	0	100
	Nov 2010	51	78	3	97	0	97	92	6027.09	3238	0	97
	Dec 2010	36	75	2	100	0	100	91	6026.40	3212	0	100
	Jan 2011	41	81	2	100	0	100	91	6025.87	3193	0	100
	Feb 2011	45	82	2	90	0	90	90	6025.59	3182	0	90
	Mar 2011	103	123	3	100	0	100	91	6026.10	3201	0	100
	Apr 2011	142	136	5	97	0	97	92	6026.99	3234	0	97
	May 2011	263	192	8	148	0	148	94	6027.91	3269	0	148
	Jun 2011	400	286	10	181	0	181	97	6030.28	3360	0	181
	Jul 2011	219	172	14	112	0	112	99	6031.43	3404	0	112
	Aug 2011	96	119	13	112	0	112	99	6031.27	3398	0	112
	Sep 2011	58	81	11	109	0	109	97	6030.31	3361	0	109
	WY 2011	1515	1505	80	1345	0	1345					1345
	Oct 2011	59	84	7	112	0	112	96	6029.43	3327	0	112
	Nov 2011	49	76	3	109	0	109	95	6028.53	3293	0	109

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Taylor Park Reservoir

	Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
* Dec 2008	5	5	9311.34	72
H Jan 2009	5	5	9311.21	72
I Feb 2009	4	5	9310.95	71
S Mar 2009	4	5	9310.68	71
T Apr 2009	11	5	9314.31	77
O May 2009	46	20	9328.38	103
R Jun 2009	37	35	9329.45	105
I Jul 2009	14	0	9324.35	95
C Aug 2009	7	19	9317.78	83
A Sep 2009	6	15	9312.44	74
WY 2009	152	126		
L Oct 2009	7	8	9311.60	72
* Nov 2009	5	6	9310.68	71
Dec 2009	5	4	9311.30	72
Jan 2010	5	4	9311.61	72
Feb 2010	3	4	9311.30	72
Mar 2010	4	4	9311.30	72
Apr 2010	8	8	9311.30	72
May 2010	25	18	9315.50	79
Jun 2010	38	20	9325.35	97
Jul 2010	16	22	9322.19	91
Aug 2010	8	22	9314.32	77
Sep 2010	7	15	9309.42	69
WY 2010	130	135		
Oct 2010	6	10	9306.93	65
Nov 2010	5	6	9306.23	64
Dec 2010	4	5	9305.89	64
Jan 2011	4	5	9305.34	63
Feb 2011	4	5	9304.47	61
Mar 2011	4	5	9303.95	61
Apr 2011	8	8	9304.18	61
May 2011	27	16	9311.44	72
Jun 2011	43	20	9324.37	95
Jul 2011	20	20	9324.59	96
Aug 2011	10	22	9318.11	84
Sep 2011	7	15	9313.45	76
WY 2011	144	137		
Oct 2011	6	10	9311.10	72
Nov 2011	6	6	9310.79	71

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Blue Mesa Reservoir

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Dec 2008	28	27	0	36	0	36	7490.25	583
H	Jan 2009	26	27	0	39	0	39	7488.62	571
I	Feb 2009	24	24	0	42	0	42	7486.19	552
S	Mar 2009	40	40	0	49	0	49	7484.97	543
T	Apr 2009	104	99	1	61	0	61	7489.84	580
O	May 2009	344	317	1	110	10	120	7513.48	776
R	Jun 2009	229	227	1	172	3	175	7519.02	826
I	Jul 2009	95	105	2	144	0	144	7514.49	785
C	Aug 2009	42	54	1	128	0	128	7505.79	710
A	Sep 2009	26	35	1	93	0	93	7498.71	651
	WY 2009	1018	1016	9	993	13	1006		
L	Oct 2009	33	34	1	81	0	81	7492.82	603
*	Nov 2009	27	28	0	28	0	28	7492.84	604
	Dec 2009	28	27	0	49	0	49	7490.00	581
	Jan 2010	24	23	0	83	0	83	7482.13	522
	Feb 2010	21	22	0	60	0	60	7476.87	483
	Mar 2010	31	31	0	34	0	34	7476.39	480
	Apr 2010	75	75	1	42	0	42	7480.87	512
	May 2010	190	183	1	58	0	58	7496.94	636
	Jun 2010	225	207	1	46	0	46	7515.67	796
	Jul 2010	89	95	2	87	0	87	7516.40	802
	Aug 2010	49	63	1	121	0	121	7509.71	743
	Sep 2010	38	46	1	105	0	105	7502.65	683
	WY 2010	830	835	9	794	0	794		
	Oct 2010	36	39	1	69	0	69	7499.01	653
	Nov 2010	31	32	0	29	0	29	7499.36	656
	Dec 2010	25	26	0	100	0	100	7490.00	581
	Jan 2011	24	25	0	92	0	92	7481.17	515
	Feb 2011	22	23	0	60	0	60	7476.03	477
	Mar 2011	34	35	0	43	0	43	7474.83	469
	Apr 2011	73	73	1	50	0	50	7477.97	491
	May 2011	212	201	1	74	0	74	7494.55	617
	Jun 2011	271	248	1	71	0	71	7515.38	793
	Jul 2011	121	120	2	110	0	110	7516.40	802
	Aug 2011	62	74	1	122	0	122	7510.78	753
	Sep 2011	36	44	1	113	0	113	7502.61	683
	WY 2011	946	940	9	932	0	932		
	Oct 2011	36	39	1	73	0	73	7498.47	649
	Nov 2011	34	34	0	30	0	30	7498.99	653

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Morrow Point Reservoir

	Unreg Inflow 1000 Ac-Ft	Blue_Mesa Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Evap losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
* Dec 2008	29	36	2	38	0	39	0	39	7152.11	111
H Jan 2009	28	39	1	40	0	43	0	43	7148.12	108
I Feb 2009	24	42	1	43	0	45	0	45	7145.98	106
S Mar 2009	42	49	2	51	0	43	6	49	7147.72	107
T Apr 2009	119	61	14	75	0	69	0	69	7155.78	114
O May 2009	377	120	34	154	0	153	2	155	7154.23	112
R Jun 2009	241	175	12	188	0	184	0	184	7158.19	116
I Jul 2009	97	144	2	146	0	148	0	148	7155.33	113
C Aug 2009	42	128	0	128	0	129	0	129	7154.90	113
A Sep 2009	27	93	1	94	0	100	0	100	7146.95	107
WY 2009	1088	1006	70	1077	1	1074	8	1083		
L Oct 2009	34	81	1	82	0	81	0	81	7148.23	108
* Nov 2009	29	28	2	30	0	27	0	27	7152.38	111
Dec 2009	30	49	2	51	0	50	0	50	7153.73	112
Jan 2010	26	83	2	85	0	85	0	85	7153.73	112
Feb 2010	24	60	3	62	0	62	0	62	7153.73	112
Mar 2010	34	34	3	37	0	37	0	37	7153.73	112
Apr 2010	86	42	11	53	0	53	0	53	7153.73	112
May 2010	215	58	25	83	0	83	0	83	7153.73	112
Jun 2010	245	46	20	66	0	66	0	66	7153.73	112
Jul 2010	95	87	6	93	0	93	0	93	7153.73	112
Aug 2010	53	121	4	125	0	125	0	125	7153.73	112
Sep 2010	44	105	6	111	0	111	0	111	7153.73	112
WY 2010	915	794	85	879	0	873	0	873		
Oct 2010	38	69	3	72	0	72	0	72	7153.73	112
Nov 2010	33	29	2	31	0	31	0	31	7153.73	112
Dec 2010	27	100	2	102	0	102	0	102	7153.73	112
Jan 2011	26	92	2	94	0	94	0	94	7153.73	112
Feb 2011	25	60	3	63	0	63	0	63	7153.73	112
Mar 2011	38	43	4	47	0	47	0	47	7153.73	112
Apr 2011	84	50	11	61	0	61	0	61	7153.73	112
May 2011	237	74	25	99	0	99	0	99	7153.73	112
Jun 2011	292	71	21	92	0	92	0	92	7153.73	112
Jul 2011	127	110	7	116	0	116	0	116	7153.73	112
Aug 2011	65	122	4	126	0	126	0	126	7153.73	112
Sep 2011	39	113	3	116	0	116	0	116	7153.73	112
WY 2011	1032	932	86	1018	0	1018	0	1018		
Oct 2011	38	73	3	76	0	76	0	76	7153.73	112
Nov 2011	35	30	1	31	0	31	0	31	7153.73	112

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Crystal Reservoir

	unreg Inflow 1000 Ac-Ft	Morrow Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Tunnel Flow 1000 Ac-Ft	Below_tunnel Flow 1000 Ac-Ft
* Dec 2008	32	39	3	42	42	0	42	6742.53	14	1	43
H Jan 2009	31	43	4	47	38	9	47	6741.02	14	1	49
I Feb 2009	28	45	3	48	24	20	45	6752.05	17	1	46
S Mar 2009	47	49	5	55	55	0	55	6751.30	16	10	47
T Apr 2009	130	69	12	81	80	0	80	6752.70	17	36	48
O May 2009	431	155	53	208	120	88	208	6752.57	17	55	160
R Jun 2009	264	184	23	207	116	91	207	6753.30	17	59	160
I Jul 2009	104	148	7	156	128	30	158	6743.22	14	68	101
C Aug 2009	44	129	2	131	130	0	130	6746.30	15	67	72
A Sep 2009	29	100	2	102	102	0	102	6746.55	15	63	46
WY 2009	1209	1083	121	1204	964	238	1202			416	857
L Oct 2009	36	81	3	84	72	10	82	6751.89	17	49	36
* Nov 2009	32	27	3	29	31	0	31	6747.51	15	1	31
Dec 2009	35	50	5	55	53	0	53	6753.04	17	0	53
Jan 2010	30	85	4	89	89	0	89	6753.04	17	0	89
Feb 2010	28	62	4	67	67	0	67	6753.04	17	0	67
Mar 2010	40	37	6	43	43	0	43	6753.04	17	5	38
Apr 2010	100	53	14	67	67	0	67	6753.04	17	30	37
May 2010	245	83	30	113	113	0	113	6753.04	17	55	58
Jun 2010	275	66	30	96	96	0	96	6753.04	17	60	36
Jul 2010	105	93	10	103	103	0	103	6753.04	17	65	38
Aug 2010	56	125	3	128	128	0	128	6753.04	17	65	63
Sep 2010	49	111	5	116	116	0	116	6753.04	17	55	61
WY 2010	1031	873	116	990	977	10	988			384	606
Oct 2010	44	72	6	78	78	0	78	6753.04	17	30	48
Nov 2010	38	31	5	36	36	0	36	6753.04	17	0	36
Dec 2010	32	102	5	107	107	0	107	6753.04	17	0	107
Jan 2011	31	94	5	99	99	0	99	6753.04	17	0	99
Feb 2011	29	63	4	67	67	0	67	6753.04	17	0	67
Mar 2011	46	47	7	54	54	0	54	6753.04	17	5	49
Apr 2011	96	61	12	73	73	0	73	6753.04	17	30	43
May 2011	272	99	35	134	134	0	134	6753.04	17	55	79
Jun 2011	330	92	38	130	130	0	130	6753.04	17	60	70
Jul 2011	144	116	17	133	133	0	133	6753.04	17	65	68
Aug 2011	74	126	8	134	134	0	134	6753.04	17	65	69
Sep 2011	45	116	6	122	122	0	122	6753.04	17	55	67
WY 2011	1183	1018	150	1168	1168	0	1168			365	803
Oct 2011	44	76	6	82	82	0	82	6753.04	17	30	52
Nov 2011	42	31	7	38	38	0	38	6753.04	17	0	38

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Vallecito Reservoir

		Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Dec 2008	5	2	7643.06	71
H	Jan 2009	5	2	7644.39	74
I	Feb 2009	5	2	7645.61	77
S	Mar 2009	8	4	7647.33	81
T	Apr 2009	22	10	7652.11	92
O	May 2009	98	66	7664.50	124
R	Jun 2009	44	43	7664.64	124
I	Jul 2009	19	39	7656.79	104
C	Aug 2009	8	39	7643.59	72
A	Sep 2009	8	30	7632.32	49
	WY 2009	237	254		
L	Oct 2009	8	13	7629.82	44
*	Nov 2009	4	3	7630.41	45
	Dec 2009	5	3	7631.16	47
	Jan 2010	4	3	7631.62	48
	Feb 2010	3	3	7631.69	48
	Mar 2010	5	3	7632.90	50
	Apr 2010	17	12	7635.37	55
	May 2010	62	35	7647.65	81
	Jun 2010	72	50	7656.48	103
	Jul 2010	26	43	7649.37	85
	Aug 2010	16	42	7637.49	59
	Sep 2010	14	32	7627.69	41
	WY 2010	237	242		
	Oct 2010	14	19	7624.32	35
	Nov 2010	8	6	7625.79	38
	Dec 2010	6	5	7626.64	39
	Jan 2011	5	5	7626.95	40
	Feb 2011	5	4	7627.19	40
	Mar 2011	8	5	7629.13	43
	Apr 2011	22	12	7634.46	53
	May 2011	69	43	7646.65	79
	Jun 2011	78	59	7654.30	98
	Jul 2011	31	43	7649.10	85
	Aug 2011	19	42	7638.72	62
	Sep 2011	17	32	7630.97	47
	WY 2011	282	274		
	Oct 2011	14	19	7627.86	41
	Nov 2011	8	6	7628.98	43

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Navajo Reservoir

		Mod_Unreg Inflow 1000 Ac-Ft	Azetea Tunnel_Div 1000 Ac-Ft	Reg Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	NIIP Diversion 1000 ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Farm Flow 1000 Ac-Ft
*	Dec 2008	19	0	16	1	0	31	6054.38	1277	48
H	Jan 2009	23	0	20	1	1	32	6053.29	1264	54
I	Feb 2009	28	1	24	1	0	28	6052.85	1260	50
S	Mar 2009	76	6	65	2	5	31	6055.13	1288	61
T	Apr 2009	125	19	97	2	19	30	6058.76	1337	69
O	May 2009	361	52	275	4	29	59	6072.47	1515	251
R	Jun 2009	146	24	120	5	36	115	6069.92	1479	184
I	Jul 2009	29	4	43	5	43	53	6065.70	1422	77
C	Aug 2009	-11	0	20	4	42	49	6059.96	1347	64
A	Sep 2009	5	0	28	3	22	37	6057.30	1314	52
	WY 2009	850	106	760	28	210	529			1002
L	Oct 2009	15	0	21	2	13	37	6054.76	1283	51
*	Nov 2009	14	0	12	1	0	28	6053.34	1265	49
	Dec 2009	17	0	16	1	0	31	6052.03	1250	31
	Jan 2010	16	0	15	1	0	31	6050.66	1233	31
	Feb 2010	20	0	20	1	0	28	6049.92	1225	28
	Mar 2010	74	1	71	2	0	31	6053.18	1263	31
	Apr 2010	125	15	105	2	17	30	6057.76	1320	30
	May 2010	245	34	184	4	29	85	6062.97	1386	85
	Jun 2010	220	28	169	4	44	147	6061.02	1361	147
	Jul 2010	48	4	61	4	46	31	6059.42	1340	31
	Aug 2010	26	2	50	4	39	31	6057.51	1317	31
	Sep 2010	35	1	52	3	22	30	6057.31	1314	30
	WY 2010	855	85	776	27	210	539			572
	Oct 2010	40	2	44	2	8	31	6057.64	1318	31
	Nov 2010	33	0	30	1	0	30	6057.61	1318	30
	Dec 2010	24	0	22	1	0	31	6056.88	1309	31
	Jan 2011	22	0	21	1	0	31	6056.06	1298	31
	Feb 2011	30	0	30	1	0	28	6056.13	1299	28
	Mar 2011	88	2	83	2	4	31	6059.85	1346	31
	Apr 2011	174	16	148	3	17	34	6067.09	1441	34
	May 2011	279	33	219	4	29	200	6066.07	1427	200
	Jun 2011	246	29	198	4	44	212	6061.33	1365	212
	Jul 2011	74	7	79	4	47	31	6061.10	1362	31
	Aug 2011	43	3	63	4	40	31	6060.27	1351	31
	Sep 2011	42	1	56	3	22	30	6060.37	1352	30
	WY 2011	1096	93	994	28	210	718			718
	Oct 2011	40	1	44	2	8	31	6060.71	1357	31
	Nov 2011	32	0	30	1	0	30	6060.62	1356	30

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Lake Powell

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	PowerPlant Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Bank Storage 1000 Ac-Ft	EOM Storage 1000 Ac-Ft	Lees Ferry 1000 Ac-Ft
*	Dec 2008	312	386	28	801	0	801	3617.89	17349	13541	818
H	Jan 2009	329	394	9	802	0	802	3614.17	17318	13155	822
I	Feb 2009	323	377	9	602	0	602	3612.05	17300	12938	612
S	Mar 2009	470	445	16	626	0	626	3610.43	17268	12774	632
T	Apr 2009	788	669	25	604	0	604	3611.26	17224	12858	611
O	May 2009	2921	2446	31	582	0	582	3629.09	17163	14751	586
R	Jun 2009	2701	2217	54	664	0	664	3640.49	17353	16061	670
I	Jul 2009	1394	1219	67	803	0	803	3641.14	17625	16138	828
C	Aug 2009	323	536	66	802	0	802	3637.50	17721	15710	829
A	Sep 2009	261	466	59	598	0	598	3635.37	17777	15463	613
	WY 2009	10623	10107	437	8236	0	8236				8396
L	Oct 2009	342	508	41	620	0	620	3633.52	17836	15251	634
*	Nov 2009	417	490	39	692	0	692	3631.10	17871	14976	702
	Dec 2009	375	475	29	900	0	900	3627.33	17837	14556	900
	Jan 2010	350	493	22	955	0	955	3623.23	17801	14108	955
	Feb 2010	325	432	20	700	0	700	3620.74	17780	13842	700
	Mar 2010	600	580	25	900	0	900	3617.72	17754	13523	900
	Apr 2010	900	775	28	1040	0	1040	3615.12	17733	13252	1040
	May 2010	1950	1647	38	1060	0	1060	3619.98	17773	13761	1060
	Jun 2010	2600	2226	45	1090	0	1090	3629.27	17854	14771	1090
	Jul 2010	1100	1031	52	1148	0	1148	3627.86	17842	14615	1148
	Aug 2010	475	605	52	1065	0	1065	3623.53	17804	14141	1065
	Sep 2010	425	546	45	595	0	595	3622.73	17797	14054	595
	WY 2010	9858	9809	433	10765	0	10765				10788
	Oct 2010	514	588	40	615	0	615	3622.15	17792	13992	615
	Nov 2010	523	564	33	600	0	600	3621.55	17787	13928	600
	Dec 2010	414	560	28	800	0	800	3619.21	17767	13680	800
	Jan 2011	384	520	21	800	0	800	3616.55	17745	13401	800
	Feb 2011	394	475	19	600	0	600	3615.26	17734	13268	600
	Mar 2011	628	582	24	600	0	600	3614.88	17731	13228	600
	Apr 2011	950	774	27	600	0	600	3616.20	17742	13364	600
	May 2011	2161	1891	38	600	0	600	3627.04	17834	14524	600
	Jun 2011	2811	2431	47	620	0	620	3641.30	17965	16157	620
	Jul 2011	1346	1238	56	950	0	950	3643.10	17982	16372	950
	Aug 2011	566	672	57	850	0	850	3641.28	17965	16155	850
	Sep 2011	460	597	49	595	0	595	3640.91	17961	16111	595
	WY 2011	11151	10892	441	8230	0	8230				8230
	Oct 2011	514	604	44	615	0	615	3640.48	17957	16060	615
	Nov 2011	502	556	37	600	0	600	3639.84	17951	15985	600

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Hoover Dam - Lake Mead

		Glen Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release CFS	SNWP Use 1000 Ac-Ft	Dwnstrm Reqmnts 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
*	Dec 2008	801	62	41	453	7.4	8	432	812	1110.97	12496
H	Jan 2009	802	63	34	741	12.1	9	739	817	1111.78	12572
I	Feb 2009	602	82	31	679	12.2	9	669	815	1111.43	12539
S	Mar 2009	626	62	34	1037	16.9	17	1036	791	1107.40	12164
T	Apr 2009	604	36	42	1174	19.7	20	1169	754	1101.26	11604
O	May 2009	582	63	47	977	15.9	33	968	729	1096.92	11217
R	Jun 2009	664	11	56	750	12.6	25	748	720	1095.26	11071
I	Jul 2009	803	38	70	840	13.7	30	838	714	1094.20	10978
C	Aug 2009	802	59	74	801	13.0	30	792	711	1093.73	10938
A	Sep 2009	598	55	61	575	9.7	22	570	711	1093.68	10933
	WY 2009	8236	651	585	9210		242	9119			
L	Oct 2009	620	23	44	613	10.0	25	608	708	1093.26	10897
*	Nov 2009	692	39	44	648	10.9	15	646	710	1093.52	10919
	Dec 2009	900	65	39	653	10.6	8	653	726	1096.36	11168
	Jan 2010	955	131	32	739	12.0	20	739	744	1099.49	11445
	Feb 2010	700	134	30	655	11.8	21	655	752	1100.83	11566
	Mar 2010	900	96	33	1022	16.6	28	1022	746	1099.92	11483
	Apr 2010	1040	75	41	1117	18.8	22	1117	742	1099.22	11421
	May 2010	1060	70	47	1028	16.7	32	1028	744	1099.46	11443
	Jun 2010	1090	24	57	881	14.8	29	881	753	1100.99	11580
	Jul 2010	1148	61	72	898	14.6	31	898	765	1103.15	11774
	Aug 2010	1065	110	78	804	13.1	32	804	781	1105.83	12020
	Sep 2010	595	78	64	663	11.1	27	663	776	1105.00	11943
	WY 2010	10765	906	582	9722		291	9716			
	Oct 2010	615	73	47	370	6.0	39	370	790	1107.37	12161
	Nov 2010	600	73	47	625	10.5	28	625	789	1107.09	12136
	Dec 2010	800	65	41	532	8.7	22	532	805	1109.82	12389
	Jan 2011	800	131	34	674	11.0	20	674	818	1111.85	12580
	Feb 2011	600	134	31	674	12.1	19	674	818	1111.95	12589
	Mar 2011	600	96	35	1006	16.4	27	1006	796	1108.23	12241
	Apr 2011	600	75	42	1140	19.2	24	1140	763	1102.78	11742
	May 2011	600	70	48	1009	16.4	33	1009	738	1098.39	11347
	Jun 2011	620	24	56	899	15.1	31	899	717	1094.75	11026
	Jul 2011	950	61	70	897	14.6	33	897	717	1094.86	11036
	Aug 2011	850	110	74	801	13.0	34	801	720	1095.40	11083
	Sep 2011	595	78	61	616	10.4	29	616	718	1095.05	11052
	WY 2011	8230	990	586	9243		340	9243			
	Oct 2011	615	73	45	468	7.6	38	468	727	1096.51	11180
	Nov 2011	600	73	45	615	10.3	27	615	726	1096.36	11168

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Davis Dam - Lake Mohave

		Hoover Release 1000 Ac-Ft	Side inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Spill Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release CFS	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
*	Dec 2008	453	-23	339	0	339	5.5	638.77	1585
H	Jan 2009	741	-25	655	0	655	10.6	641.08	1647
I	Feb 2009	679	-18	629	0	629	11.3	642.29	1679
S	Mar 2009	1037	-27	1035	0	1035	16.8	641.38	1655
T	Apr 2009	1174	-30	1097	0	1097	18.4	643.11	1702
O	May 2009	977	-28	916	0	916	14.9	644.36	1736
R	Jun 2009	750	-28	788	0	788	13.2	641.92	1669
I	Jul 2009	840	-20	835	0	835	13.6	641.37	1654
C	Aug 2009	801	-31	756	0	756	12.3	641.90	1669
A	Sep 2009	575	-16	726	0	726	12.2	635.60	1501
	WY 2009	9210	-286	9008	0	9008			
L	Oct 2009	613	-22	623	0	623	10.1	634.34	1469
*	Nov 2009	648	-26	590	0	590	9.9	635.61	1502
	Dec 2009	653	-20	552	0	552	9.0	638.70	1583
	Jan 2010	739	-22	614	0	614	10.0	642.50	1685
	Feb 2010	655	-15	660	0	660	11.9	641.80	1666
	Mar 2010	1022	-26	962	0	962	15.6	643.05	1700
	Apr 2010	1117	-28	1091	0	1091	18.3	643.00	1699
	May 2010	1028	-35	993	0	993	16.1	643.00	1699
	Jun 2010	881	-27	882	0	882	14.8	642.00	1671
	Jul 2010	898	-23	889	0	889	14.5	641.50	1658
	Aug 2010	804	-25	779	0	779	12.7	641.50	1658
	Sep 2010	663	-17	740	0	740	12.4	638.00	1564
	WY 2010	9722	-286	9373	0	9373			
	Oct 2010	370	-4	559	0	559	9.1	630.49	1371
	Nov 2010	625	-18	492	0	492	8.3	635.00	1486
	Dec 2010	532	-20	415	0	415	6.8	638.71	1583
	Jan 2011	674	-22	569	0	569	9.3	641.80	1666
	Feb 2011	674	-15	659	0	659	11.9	641.80	1666
	Mar 2011	1006	-26	945	0	945	15.4	643.05	1700
	Apr 2011	1140	-28	1114	0	1114	18.7	643.00	1699
	May 2011	1009	-35	974	0	974	15.8	643.00	1699
	Jun 2011	899	-27	899	0	899	15.1	642.00	1671
	Jul 2011	897	-23	888	0	888	14.4	641.50	1658
	Aug 2011	801	-25	776	0	776	12.6	641.50	1658
	Sep 2011	616	-17	693	0	693	11.6	638.00	1564
	WY 2011	9243	-260	8983	0	8983			
	Oct 2011	468	-4	594	0	594	9.7	633.00	1434
	Nov 2011	615	-18	546	0	546	9.2	635.00	1486

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Parker Dam - Lake Havasu

		Davis Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	MWD Diversion 1000 Ac-Ft	CAP diversion 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft	Flow_to Mexico 1000 Ac-Ft	Flow_to Mexico 1000 CFS
*	Dec 2008	339	15	236	3.8	67	65	446.81	558	139	2.3
H	Jan 2009	655	-6	379	6.2	100	171	446.67	555	121	2.0
I	Feb 2009	629	3	397	7.2	82	162	446.08	544	162	2.9
S	Mar 2009	1035	-7	736	12.0	99	180	446.75	557	208	3.4
T	Apr 2009	1097	-5	784	13.2	98	172	448.75	595	205	3.4
O	May 2009	916	-3	647	10.5	101	165	448.71	594	122	2.0
R	Jun 2009	788	-6	595	10.0	98	94	448.49	590	113	1.9
I	Jul 2009	835	-13	655	10.6	100	75	448.11	582	120	2.0
C	Aug 2009	756	-3	582	9.5	100	70	448.19	584	101	1.6
A	Sep 2009	726	-1	505	8.5	96	143	447.16	564	93	1.6
	WY 2009	9008	-7	6347		1072	1602			1584	
L	Oct 2009	623	-1	446	7.2	27	133	448.03	581	77	1.2
*	Nov 2009	590	19	365	6.1	107	144	447.61	573	104	1.8
	Dec 2009	552	11	314	5.1	110	151	447.00	561	119	1.9
	Jan 2010	614	25	352	5.7	109	178	447.00	561	119	1.9
	Feb 2010	660	28	444	8.0	93	161	446.50	552	154	2.8
	Mar 2010	962	30	708	11.5	103	178	446.70	555	204	3.3
	Apr 2010	1091	-6	775	13.0	99	172	448.71	594	199	3.3
	May 2010	993	-16	697	11.3	103	178	448.71	594	111	1.8
	Jun 2010	882	-26	674	11.3	99	82	448.71	594	116	1.9
	Jul 2010	889	-18	718	11.7	103	64	448.00	580	119	1.9
	Aug 2010	779	-11	615	10.0	103	60	447.50	571	93	1.5
	Sep 2010	740	-12	528	8.9	74	139	446.80	557	89	1.5
	WY 2010	9373	23	6636		1128	1639			1505	
	Oct 2010	559	6	442	7.2	27	105	446.31	548	74	1.2
	Nov 2010	492	13	372	6.2	27	103	446.50	552	103	1.7
	Dec 2010	415	11	282	4.6	28	117	446.50	552	118	1.9
	Jan 2011	569	25	341	5.5	83	169	446.50	552	119	1.9
	Feb 2011	659	28	452	8.1	75	160	446.50	552	149	2.7
	Mar 2011	945	30	718	11.7	84	170	446.70	555	206	3.4
	Apr 2011	1114	-6	820	13.8	81	168	448.71	594	200	3.4
	May 2011	974	-16	700	11.4	84	175	448.71	594	113	1.8
	Jun 2011	899	-26	664	11.2	81	128	448.71	594	115	1.9
	Jul 2011	888	-18	722	11.7	83	79	448.00	580	119	1.9
	Aug 2011	776	-11	625	10.2	83	66	447.50	571	93	1.5
	Sep 2011	693	-12	539	9.1	61	95	446.80	557	89	1.5
	WY 2011	8983	24	6675		796	1535			1499	
	Oct 2011	594	6	447	7.3	24	138	446.31	548	74	1.2
	Nov 2011	546	13	360	6.1	24	171	446.50	552	103	1.7

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Hoover Dam - Lake Mead

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Hoover Static Head Feet	Hoover Generator Capacity MW	Hoover Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Dec 2008	453	7.4	1110.97	12496	339	0.00	1523.0	171.3	88	377.7
H	Jan 2009	741	12.1	1111.78	12572	76	0.00	1305.0	299.0	75	403.3
I	Feb 2009	679	12.2	1111.43	12539	-33	0.00	1415.0	263.8	81	388.5
S	Mar 2009	1037	16.9	1107.40	12164	-376	0.00	950.0	415.9	55	401.2
T	Apr 2009	1174	19.7	1101.26	11604	-560	0.00	1284.0	474.0	76	403.7
O	May 2009	977	15.9	1096.92	11217	-387	0.00	1411.0	381.7	85	390.6
R	Jun 2009	750	12.6	1095.26	11071	-146	0.00	1641.0	287.2	100	383.1
I	Jul 2009	840	13.7	1094.20	10978	-93	0.00	1640.0	324.9	100	386.9
C	Aug 2009	801	13.0	1093.73	10938	-41	0.00	1648.0	307.5	100	383.8
A	Sep 2009	574	9.7	1093.68	10933	-4	0.00	1656.0	215.3	100	374.9
	WY 2009	9210							3592.3		
L	Oct 2009	613	10.0	1093.26	10897	-37	0.00	1158.0	235.5	70	384.4
*	Nov 2009	648	10.9	1093.52	10919	23	0.00	1358.0	251.9	82	388.7
	Dec 2009	653	10.6	1096.36	11168	248	449.20	1037.0	261.8	63	400.9
	Jan 2010	739	12.0	1099.49	11445	277	448.35	1293.0	298.0	77	403.4
	Feb 2010	655	11.8	1100.83	11566	120	451.01	1079.0	267.5	64	408.2
	Mar 2010	1022	16.6	1099.92	11483	-82	449.17	1366.0	415.0	81	405.9
	Apr 2010	1117	18.8	1099.22	11421	-62	447.30	1466.0	457.6	87	409.5
	May 2010	1028	16.7	1099.46	11443	21	446.36	1580.0	411.2	94	400.1
	Jun 2010	881	14.8	1100.99	11580	137	446.91	1688.0	352.5	100	399.9
	Jul 2010	898	14.6	1103.15	11774	195	449.23	1697.0	360.2	100	401.0
	Aug 2010	804	13.1	1105.83	12020	245	451.79	1713.0	326.9	100	406.6
	Sep 2010	663	11.1	1105.00	11943	-76	453.85	1707.0	265.0	100	399.7
	WY 2010	9722							3903.2		
	Oct 2010	370	6.0	1107.37	12161	218	458.77	1397.0	143.9	81	389.1
	Nov 2010	625	10.5	1107.09	12136	-25	462.35	1387.0	257.4	81	412.1
	Dec 2010	532	8.7	1109.82	12389	253	460.17	1511.0	211.8	87	397.8
	Jan 2011	674	11.0	1111.85	12580	191	461.06	1402.0	274.7	80	407.4
	Feb 2011	674	12.1	1111.95	12589	9	460.95	1429.0	278.3	82	412.9
	Mar 2011	1006	16.4	1108.23	12241	-348	458.65	1425.0	414.6	83	412.1
	Apr 2011	1140	19.2	1102.78	11742	-499	452.48	1595.0	471.1	94	413.2
	May 2011	1009	16.4	1098.39	11347	-395	447.60	1596.9	403.5	94	399.9
	Jun 2011	899	15.1	1094.75	11026	-321	443.28	1700.0	357.6	100	397.9
	Jul 2011	897	14.6	1094.86	11036	10	442.02	1700.0	354.5	100	395.0
	Aug 2011	801	13.0	1095.40	11083	48	442.50	1700.0	319.4	100	398.8
	Sep 2011	616	10.4	1095.05	11052	-31	443.73	1700.0	243.1	100	394.6
	WY 2011	9243							3729.8		
	Oct 2011	468	7.6	1096.51	11180	128	448.42	1383.2	185.7	81	396.6
	Nov 2011	615	10.3	1096.36	11168	-13	450.79	1371.7	247.6	81	402.5

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Davis Dam - Lake Mohave

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Davis Static Head Feet	Davis Generator Capacity MW	Davis Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Dec 2008	339	5.5	638.77	1585	91	0.00	163.2	42.1	64	124.2
H	Jan 2009	655	10.6	641.08	1647	62	0.00	155.6	80.8	61	123.4
I	Feb 2009	629	11.3	642.29	1679	33	0.00	193.8	79.3	76	126.1
S	Mar 2009	1035	16.8	641.38	1655	-25	0.00	255.0	121.2	100	117.1
T	Apr 2009	1097	18.4	643.11	1702	47	0.00	255.0	135.7	100	123.7
O	May 2009	916	14.9	644.36	1736	34	0.00	255.0	115.6	100	126.3
R	Jun 2009	788	13.2	641.92	1669	-67	0.00	255.0	99.5	100	126.2
I	Jul 2009	835	13.6	641.37	1654	-15	0.00	255.0	101.8	100	121.9
C	Aug 2009	756	12.3	641.90	1669	14	0.00	255.0	94.4	100	124.8
A	Sep 2009	726	12.2	635.60	1501	-167	0.00	255.0	89.2	100	122.8
	WY 2009	9008							1106.2		
L	Oct 2009	623	10.1	634.34	1469	-33	0.00	216.8	74.2	85	119.1
*	Nov 2009	590	9.9	635.61	1502	33	0.00	186.2	70.9	73	120.3
	Dec 2009	552	9.0	638.70	1583	81	131.87	188.7	67.4	74	122.1
	Jan 2010	614	10.0	642.50	1685	102	135.56	186.2	76.7	73	124.8
	Feb 2010	660	11.9	641.80	1666	-19	136.58	204.0	82.8	80	125.5
	Mar 2010	962	15.6	643.05	1700	34	135.64	247.3	119.8	97	124.6
	Apr 2010	1091	18.3	643.00	1699	-2	136.07	255.0	135.6	100	124.3
	May 2010	993	16.1	643.00	1699	0	136.04	255.0	124.0	100	124.9
	Jun 2010	882	14.8	642.00	1671	-27	135.51	255.0	110.1	100	124.9
	Jul 2010	889	14.5	641.50	1658	-14	134.73	255.0	110.5	100	124.3
	Aug 2010	779	12.7	641.50	1658	0	134.46	255.0	97.1	100	124.7
	Sep 2010	740	12.4	638.00	1564	-94	132.63	255.0	91.2	100	123.2
	WY 2010	9373							1160.3		
	Oct 2010	559	9.1	630.49	1371	-193	127.33	237.2	66.7	93	119.4
	Nov 2010	492	8.3	635.00	1486	115	125.82	234.6	58.3	92	118.4
	Dec 2010	415	6.8	638.71	1583	97	130.00	239.7	51.0	94	122.7
	Jan 2011	569	9.3	641.80	1666	83	134.16	219.3	71.0	86	124.8
	Feb 2011	659	11.9	641.80	1666	0	135.05	244.8	82.6	96	125.2
	Mar 2011	945	15.4	643.05	1700	34	135.44	255.0	117.8	100	124.6
	Apr 2011	1114	18.7	643.00	1699	-2	136.07	255.0	138.3	100	124.2
	May 2011	974	15.8	643.00	1699	0	136.04	255.0	121.7	100	125.0
	Jun 2011	899	15.1	642.00	1671	-27	135.51	255.0	112.2	100	124.8
	Jul 2011	888	14.4	641.50	1658	-14	134.73	255.0	110.4	100	124.3
	Aug 2011	776	12.6	641.50	1658	0	134.46	255.0	96.7	100	124.7
	Sep 2011	693	11.6	638.00	1564	-94	132.63	255.0	85.6	100	123.5
	WY 2011	8983							1112.3		
	Oct 2011	594	9.7	633.00	1434	-130	128.65	237.2	71.5	93	120.4
	Nov 2011	546	9.2	635.00	1486	51	127.14	234.6	65.1	92	119.2

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T E M R E S E R V O I R S

Bureau of Reclamation - CRFS 12/2009 Most Prob Water Supply 07-Dec-2009 16:43:08
Parker Dam - Lake Havasu

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Parker Static Head Feet	Parker Generator Capacity MW	Parker Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Dec 2008	236	3.8	446.81	558	-14	0.00	85.2	15.3	71	64.7
H	Jan 2009	379	6.2	446.67	555	-3	0.00	78.0	25.9	65	68.2
I	Feb 2009	397	7.2	446.08	544	-11	0.00	90.0	27.2	75	68.5
S	Mar 2009	736	12.0	446.75	556	12	0.00	87.6	49.2	73	66.8
T	Apr 2009	784	13.2	448.75	595	38	0.00	111.6	53.8	93	68.6
O	May 2009	647	10.5	448.71	594	-1	0.00	120.0	44.9	100	69.4
R	Jun 2009	595	10.0	448.49	590	-4	0.00	120.0	41.3	100	69.5
I	Jul 2009	655	10.6	448.11	582	-7	0.00	120.0	43.4	100	66.3
C	Aug 2009	582	9.5	448.19	584	2	0.00	118.8	39.9	99	68.6
A	Sep 2009	505	8.5	447.16	564	-19	0.00	87.6	35.0	73	69.2
	WY 2009	6347							433.2		
L	Oct 2009	446	7.2	448.03	581	16	0.00	90.0	30.5	75	68.5
*	Nov 2009	365	6.1	447.61	573	-8	0.00	66.0	25.9	55	71.0
	Dec 2009	314	5.1	447.00	561	-12	77.06	73.2	20.5	61	65.1
	Jan 2010	352	5.7	447.00	561	-0	77.23	66.0	23.2	55	66.0
	Feb 2010	444	8.0	446.50	552	-9	75.38	93.6	29.0	78	65.4
	Mar 2010	708	11.5	446.70	555	4	74.01	120.0	46.0	100	64.9
	Apr 2010	775	13.0	448.71	594	38	75.09	120.0	51.1	100	66.0
	May 2010	697	11.3	448.71	594	0	76.06	120.0	46.3	100	66.5
	Jun 2010	674	11.3	448.71	594	0	76.06	120.0	44.8	100	66.5
	Jul 2010	718	11.7	448.00	580	-14	75.72	120.0	47.6	100	66.3
	Aug 2010	615	10.0	447.50	571	-10	75.13	120.0	40.3	100	65.5
	Sep 2010	528	8.9	446.80	557	-13	74.55	120.0	34.3	100	64.8
	WY 2010	6636							439.5		
	Oct 2010	442	7.2	446.31	548	-9	73.97	120.0	28.2	100	63.9
	Nov 2010	372	6.2	446.50	552	3	75.04	93.6	23.9	78	64.4
	Dec 2010	282	4.6	446.50	552	0	74.66	103.2	17.7	86	62.8
	Jan 2011	341	5.5	446.50	552	0	75.01	96.0	21.8	80	63.9
	Feb 2011	452	8.1	446.50	552	0	74.71	102.0	29.3	85	64.9
	Mar 2011	718	11.7	446.70	555	4	74.01	120.0	46.6	100	65.0
	Apr 2011	820	13.8	448.71	594	38	75.09	120.0	54.2	100	66.1
	May 2011	700	11.4	448.71	594	0	76.06	120.0	46.5	100	66.5
	Jun 2011	664	11.2	448.71	594	0	76.06	120.0	44.1	100	66.4
	Jul 2011	722	11.7	448.00	580	-14	75.72	120.0	47.8	100	66.3
	Aug 2011	625	10.2	447.50	571	-10	75.13	120.0	41.0	100	65.5
	Sep 2011	539	9.1	446.80	557	-13	74.55	120.0	34.9	100	64.9
	WY 2011	6675							436.2		
	Oct 2011	447	7.3	446.31	548	-9	73.97	120.0	28.6	100	63.9
	Nov 2011	360	6.1	446.50	552	3	75.04	93.6	23.2	78	64.3

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T Y M R E S E R V O I R S

Bureau of Reclamation - CRFS 12/2009 Most Prob Water Supply 07-Dec-2009 16:43:08
Upper Basin Power

		Glen Canyon 1000 MWHR	Flam Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Res 1000 MWHR	Font Res 1000 MWHR
*	Dec 2008	355	30	10	14	7	2
H	Jan 2009	352	31	11	15	6	4
I	Feb 2009	262	24	12	15	4	3
S	Mar 2009	271	20	14	15	10	3
	Winter 2009	1742	142	89	111	57	17
T	Apr 2009	260	19	17	24	16	3
O	May 2009	256	57	33	55	23	4
R	Jun 2009	301	38	54	66	22	8
I	Jul 2009	371	47	45	53	22	8
C	Aug 2009	368	50	39	46	23	9
A	Sep 2009	275	48	28	35	20	6
	Summer 2009	1832	259	216	278	125	38
L	Oct 2009	285	44	24	28	14	4
*	Nov 2009	309	42	8	9	4	0
	Dec 2009	377	39	15	18	9	6
	Jan 2010	397	39	24	31	15	5
	Feb 2010	289	35	17	23	12	4
	Mar 2010	370	33	10	13	7	4
	Winter 2010	2027	232	97	122	62	24
	Apr 2010	426	31	12	19	12	5
	May 2010	435	53	17	30	20	7
	Jun 2010	453	64	14	24	17	9
	Jul 2010	480	37	27	33	18	10
	Aug 2010	442	37	38	45	22	10
	Sep 2010	247	35	32	40	20	4
	Summer 2010	2482	258	141	191	108	44
	Oct 2010	254	37	21	26	13	5
	Nov 2010	248	35	9	11	6	6
	Dec 2010	329	36	30	37	19	6
	Jan 2011	328	36	27	34	17	6
	Feb 2011	245	33	17	23	12	5
	Mar 2011	245	36	12	17	9	5
	Winter 2011	1649	214	115	147	76	32
	Apr 2011	245	35	14	22	13	5
	May 2011	248	54	22	36	23	7
	Jun 2011	262	66	22	33	22	9
	Jul 2011	408	41	34	42	23	10
	Aug 2011	364	41	38	45	23	10
	Sep 2011	255	40	35	42	21	3
	Summer 2011	1782	278	165	220	126	44
	Oct 2011	263	41	22	27	14	7
	Nov 2011	256	40	9	11	7	6

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model_run_id = 2042

F L O O D C O N T R O L C R I T E R I A
B E G I N N I N G O F M O N T H C O N D I T I O N S

MON	YEAR	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	LAKE POWELL KAF	UPPER BASIN TOTAL KAF	LAKE MEAD KAF	TOTAL KAF	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	TOT OR MAX ALLOW KAF	LAKE POWELL KAF	LAKE MEAD KAF	TOTAL KAF	BOM SPACE REQD KAF	MEAD SCHED REL KAF	MEAD FC REL KAF	SYS CONT MAF
		* * * * P R E D I C T E D S P A C E * * * *							* * * * C R E D I T A B L E S P A C E * * * *									
DEC	2009	557	226	431	9344	10557	16461	27018	557	226	431	1214	9344	16461	27018	4580	653	0	33.4
JAN	2010	626	248	446	9764	11085	16212	27297	626	248	446	1320	9764	16212	27297	5350	739	0	33.2
									* * * * E F F E C T I V E S P A C E * * * *									
JAN	2010	626	248	446	9764	11085	16212	27297	246	246	243	735	9764	16212	26712	5350	739	0	33.2
FEB	2010	696	308	463	10212	11679	15935	27614	315	305	259	879	10212	15935	27026	1500	655	0	32.9
MAR	2010	759	346	471	10478	12054	15814	27869	376	343	267	987	10478	15814	27279	1500	1022	0	32.5
APR	2010	783	349	433	10797	12361	15897	28258	397	346	227	970	10797	15897	27663	1500	1117	0	32.3
MAY	2010	760	317	376	11068	12521	15959	28480	368	313	151	833	11068	15959	27859	1500	1028	0	33.1
JUN	2010	694	193	310	10559	11757	15937	27694	294	181	53	528	10559	15937	27024	1500	881	0	34.6
JUL	2010	516	34	335	9549	10433	15800	26234	100	2	30	132	9549	15800	25481	1500	898	0	34.7
									* * * * C R E D I T A B L E S P A C E * * * *									
AUG	2010	434	27	356	9705	10521	15606	26127	434	27	356	816	9705	15606	26127	1500	804	0	34.3
SEP	2010	460	86	379	10179	11105	15360	26466	460	86	379	926	10179	15360	26466	2270	663	0	33.9
OCT	2010	509	146	382	10266	11303	15437	26739	509	146	382	1037	10266	15437	26739	3040	370	0	33.8
NOV	2010	557	176	378	10328	11440	15219	26659	557	176	378	1112	10328	15219	26659	3810	625	0	33.8
DEC	2010	607	173	378	10392	11550	15244	26794	607	173	378	1158	10392	15244	26794	4580	532	0	33.7
JAN	2011	672	248	387	10640	11947	14991	26939	672	248	387	1307	10640	14991	26939	5350	674	0	33.6
									* * * * E F F E C T I V E S P A C E * * * *									
JAN	2011	672	248	387	10640	11947	14991	26939	386	248	212	846	10640	14991	26477	5350	674	0	33.6
FEB	2011	733	315	398	10919	12364	14800	27164	445	315	221	982	10919	14800	26701	1500	674	0	33.4
MAR	2011	780	352	397	11052	12581	14791	27372	490	352	219	1062	11052	14791	26905	1500	1006	0	33.0
APR	2011	780	360	350	11092	12583	15139	27722	487	360	167	1014	11092	15139	27245	1500	1140	0	32.9
MAY	2011	742	338	255	10956	12291	15638	27929	441	338	53	832	10956	15638	27427	1500	1009	0	33.9
JUN	2011	636	212	269	9796	10914	16033	26947	326	212	34	571	9796	16033	26401	1500	899	0	35.5
JUL	2011	434	36	331	8163	8965	16354	25319	107	11	48	166	8163	16354	24684	1500	897	0	35.8
									* * * * C R E D I T A B L E S P A C E * * * *									
AUG	2011	345	27	334	7948	8655	16344	24999	345	27	334	707	7948	16344	24999	1500	801	0	35.5
SEP	2011	376	77	345	8165	8963	16297	25260	376	77	345	798	8165	16297	25260	2270	616	0	35.2
OCT	2011	438	147	344	8209	9137	16328	25465	438	147	344	928	8209	16328	25465	3040	468	0	35.0
NOV	2011	499	181	339	8260	9279	16200	25478	499	181	339	1019	8260	16200	25478	3810	615	0	34.9

December 24-Month Study
Date: December 9, 2009

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

Reservoir	November Inflow (unregulated) (acre-feet)	Percent of Average (%)	December 8 Midnight Elevation (feet)	Reservoir Storage (acre-feet)
Fontenelle	42,000	98	6490.02	228,000
Flaming Gorge	47,000	85	6028.23	3,281,000
Blue Mesa	27,000	87	7491.75	595,000
Powell	422,000	77	3630.01	14,854,000
Navajo	13,500	40	6052.87	1,260,000

Expected Operations

The operation of Lake Powell and Lake Mead in this December 2009 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines), and reflects the 2009 Annual Operating Plan (AOP) and draft 2010 AOP. Pursuant to the Interim Guidelines, the August 24-Month Study projections of the January 1 system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead. If the operating tier for the year is the Upper Elevation Balancing Tier, an adjustment may be made in April based on the April 24-Month Study projection of the September 30 system storage and reservoir water surface elevations.

The Upper Elevation Balancing Tier is the operational tier for water year 2010 for Glen Canyon Dam. The Intentionally Created Surplus (ICS) Surplus condition is the criterion governing the operation of Lake Mead for calendar years 2009 and 2010.

With a Lake Powell water year release volume of 8.23 million acre-feet (maf), the December 24-Month Study projects Lake Powell's 2010 end of water year elevation to be above the 2010 Equalization Elevation of 3,642 feet. Pursuant to the Interim Guidelines, the December 24-Month Study projects an April adjustment to the Equalization Tier in 2010. The annual release from Glen Canyon Dam under the Equalization Tier is projected to be 10.764 maf. Based on analysis of recently updated possible inflow

scenarios, the probability of an April adjustment to the Equalization Tier in 2010 is currently 36 percent.

During the fall and early winter months, inflow forecasting capability can be highly variable with limited accuracy. Traditionally, Reclamation incorporates the first official water supply forecast (forecast that extends through July of the current water year) into the January 24-Month Study. This forecast will likely be more consistent with the inflow scenarios used this month to analyze the current probability of equalization projection.

The Interim Guidelines are available for download at
http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The 2009 AOP is available for download at
http://www.usbr.gov/uc/water/rsvrs/ops/aop/AOP09_final.pdf.
The draft 2010 AOP is available for download at
http://www.usbr.gov/lc/region/g4000/AOP2010/AOP10_draft.pdf.

Fontenelle Reservoir – Inflows for the month of November were 42,000 acre-feet, or 98% of average. The reservoir elevation is 6490 feet above sea level and 66% of capacity. The reservoir elevation is declining and will continue to decline through the winter months until spring runoff. Inflows over the next three months are forecasted to be slightly below average: 33,000 acre-ft, 31,000 acre-ft, and 29,000 acre-ft for November, December and January, respectively.

Inflows to Fontenelle Reservoir are currently averaging 500 cfs and releases are 1,130 cfs. It is anticipated that releases will remain at 1,130 cfs through the winter months.

The next Fontenelle Working Group meeting is scheduled for April 27, 2010 at 10:00 am at the Seedskadee National Wildlife Refuge visitor's center. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir.

Flaming Gorge Reservoir – November observed unregulated inflow into Flaming Gorge reservoir was 47,000 acre-feet (AF), or 85 percent of average inflow. The November end of month elevation was 6028.7 feet, which equates to 3.30 million acre-feet or 88 percent of live storage capacity.

The average daily base flow for the base flow period is 1,700 cubic feet per second (cfs) per day. The flexibility outlined in the ROD allows the average daily base flow to vary ± 40% from the average daily base flow for the summer period through November 30, and ± 25% for the winter period from December 1 through the end of February. Releases out of Flaming Gorge are currently fluctuating around a 1,750 cfs daily average and are expected to continue through the end of February, at which time they are expected to decrease. Releases are also expected to follow a double peak pattern through February. December releases will include one week of single peak flows for research purposes and two days of flows at 800 cfs for maintenance.

The next Flaming Gorge Working Group meeting is scheduled for April 27, 2009, in Vernal, Utah. The meeting will be held at 7:00 p.m. at the Western Park Convention Center located at 302 East 200 South in Vernal, Utah. For directions, please call 435-789-7396. The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stake holders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations and plans presented by Reclamation at these meetings. For more information on this group and these meetings please contact Ed Vidmar at 801-379-1182.

Aspinall Unit Reservoirs – November unregulated inflow into Blue Mesa Reservoir was 27,000 acre-feet or 86 percent of average. Precipitation during November was observed to be about 40 percent of average. The current inflow rate into Blue Mesa Reservoir is about 350 cfs while reservoir releases are averaging about 850 cfs. Blue Mesa's present elevation is 7491.91 feet, which corresponds to a storage content of about 596,000 acre-feet. The unregulated reservoir inflow into Blue Mesa Reservoir during water year 2009 was 1,018,000 acre-feet, or about 108 percent of average.

Releases from Crystal Dam were increased from 600 cfs to 900 cfs on December 1st to help meet the Blue Mesa Reservoir icing elevation target for December 31st in conjunction to help meet higher winter hydropower demands.

The Gunnison Diversion Tunnel was shut down for the season on October 30, with exception of some small 50 to 80 cfs diversions taken bi-weekly for municipal water needs in Montrose, Colorado. River flows below the tunnel are essentially the same as releases from the Dam, with the exception of when the tunnel is taking water to refill Fairfield Reservoir for Montrose municipal water needs.

On December 7, 2009, the National Weather Service's River Forecasting Center issued its forecasted inflow into Blue Mesa for the next 3 months. The unregulated inflow forecast for December, January, and February is for 73,000 acre-feet, which is 102% of average for these months.

The next meeting of the "Aspinall Unit Working Group" will be held on Thursday January 21st in the Montrose, Colorado, starting at 1:00 PM. At this meeting, review of last summer and fall reservoir operations, and plans for this winter and next spring 2010 operations will be discussed. These meetings are open forum discussions on the Aspinall Unit reservoir operations with many interested groups participating. Anyone needing further information about these meetings should contact Dan Crabtree in the Grand Junction Area Office at (970) 248-0652.

Navajo Reservoir - As a result of improved stream flow conditions, Reclamation decreased the release from Navajo Reservoir to 500 cubic feet per second (cfs) on Tuesday, October 20th . Releases are made for the authorized purposes of the Navajo

Unit, and to attempt to maintain a target base flow through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell).

The San Juan River Basin Recovery Implementation Program recommends a target base flow of between 500 cfs and 1,000 cfs through the critical habitat area. The target base flow is calculated as the weekly average of gaged flows throughout the critical habitat area, therefore daily flows of less than 500 cfs may occur at some gages.

Pending significant changes in the weather and stream flow conditions, the reservoir release will likely remain at 500 cfs until next spring (2010).

Precipitation for the month of November in the San Juan River basin was about 35 percent of average. Unregulated inflow into Navajo Reservoir during the month of November was 13,600 acre-feet, or 39 percent of average. Currently, the daily reservoir inflow is averaging about 120 cfs. Diversions for NIIP have currently been shut down for the winter. The reservoir water surface elevation is at 6052.92 feet, which corresponds to a storage content of about 1,260,000 acre-feet.

A public meeting on Navajo Reservoir operations will be held on Tuesday, January 26, 2010 at 1:00 p.m. in Farmington, New Mexico. At this meeting, review of last summer and fall reservoir operations, and plans for this winter and spring 2010 operations will be discussed. These are open forum discussions on the operation of Navajo Reservoir with many interested groups participating. Anyone interested in the general operation of the reservoir is encouraged to attend. Please contact Pat Page in Reclamation's Durango, Colorado Office at (970) 385-6560 for information about these meetings or the daily operation of Navajo Reservoir.

Glen Canyon Dam / Lake Powell – The unregulated inflow volume into Lake Powell for November was 417,000 acre-feet ((90% of average). This was 13,000 acre-feet below what was forecasted at the beginning of the month. Consequently, the elevation of Lake Powell at the end of November was somewhat below what was projected in the November 24-Month Study. The end of November elevation of Lake Powell was 3631.10 feet above sea level. The November 24-Month Study projected the elevation would end November at 3631.56. So the initial condition for Lake Powell elevation for the December 24-Month Study is 0.46 feet below what was projected to occur in the November 24-Month Study. The forecasted unregulated inflow volume to Lake Powell for December is 375,000 acre-feet (104% of average) which has been reduced by 25,000 acre-feet from what was forecasted one month ago.

The scheduled release volume for December was increased from 855,000 acre-feet to 900,000 acre-feet due to a revision of the projected unit maintenance outage schedule in February. It is possible that only 4 of the 8 generating units at Glen Canyon Power Plant will be available during much of February 2010. The projected release volume for February was reduced from 800,000 acre-feet to 700,000 acre-feet so that the volume can be released through the 4 available units in a manner that will allow a load following

pattern of generation within the allowances of the Glen Canyon Dam Operating Criteria (Federal Register, Volume 62, No. 41, March 3, 1997). Redistribution of the 100,000 acre-foot reduction in February included an increase to the scheduled release volume for December.

Hourly releases during December will peak during daylight hours into the evening to approximately 18,000 cfs and decrease during early morning hours to approximately 10,000 cfs. Currently, it is projected that the release volume for January will be scheduled to be 955,000 acre-feet. At this volume, it is estimated that the hourly release rates during January would peak during daylight hours to approximately 19,000 cfs and decrease during early morning hours to approximately 11,000 cfs.

As of October 1, 2009, the unregulated inflow to Lake Powell during water year 2010 is projected to have an 80% probability of being within the range between 4.7 maf and 16.5 maf. There is an estimated 10% probability that the water year 2010 unregulated inflow volume will be below 4.7 maf and there is also an estimated 10% probability that the water year 2010 unregulated inflow volume will be greater than 16.5 maf.

Based on a recently updated range of possible inflow volumes for water year 2010 and through implementation of the Interim Guidelines, there is approximately a 36% probability that Equalization will occur in water year 2010. The determination of whether or not Equalization will occur in 2010 will be based on the projected September 30 Lake Powell water surface elevations of the 2010 April 24-Month Study. If Equalization does occur in 2010, the water year release volume is projected to be approximately 10.765 maf. If however, Equalization does not occur in 2010 (64% probability), the water year release volume could be as low as 8.23 maf. Each month these forecasted probabilities will be updated as hydrologic conditions change in the Upper Colorado River Basin.

Upper Colorado River Basin Hydrology

In the Upper Colorado River Basin during water year 2009, the overall precipitation accumulated through September 30, 2009 was approximately 95% of average based on the 30 year average for the period from 1971 through 2000. The final 3 months of water year 2009 all had accumulated precipitation rates that were all below average with 60, 45 and 75% of average occurring in July, August and September respectively. For water year 2010 the dry conditions have continued. Precipitation for October 2009 was 85% of average and for November, precipitation was estimated to be only 40% of average.

The Climate Prediction Center outlook (dated November 19, 2009) for temperature over the next 3 months indicates that temperatures in the southwest have an increased probability of being above average while accumulated precipitation is projected to be near average in the Upper Colorado River Basin.

Upper Colorado River Basin Drought

The Upper Colorado River Basin continues to experience a protracted multi-year drought. Since 1999, inflow to Lake Powell has been below average in every year except water years 2005 and 2008. In the summer of 1999, Lake Powell was close to full with reservoir storage at 23.5 million acre-feet, or 97 percent of capacity. During the next 5 years (2000 through 2004) unregulated inflow to Lake Powell was well below average. This resulted in Lake Powell storage decreasing during this period to 8.0 million acre-feet (33 percent of capacity) which occurred on April 8, 2005. During 2005, 2008 and 2009, drought conditions eased somewhat with net gains in storage to Lake Powell. As of December 6, 2009 the storage in Lake Powell was 14.88 million acre-feet (61.20 percent of capacity) which is still below desired levels while the overall reservoir storage in the Colorado River Basin as of December 6, 2009 is 33.4 million acre-feet (56.14 percent of capacity).

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-280
125 SOUTH STATE STREET, ROOM 6107
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-5571

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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:	Obs			nov	Forecast			
:	aug	sep	oct	nov	%Avg	dec	jan	feb
GLDA3:Lake Powell	323	262	342	417	77%:	375/	350/	325/
GBRW4:Fontenelle	72	37	48	42	98%:	33/	31/	29/
GRNU1:Flaming Gorge	74	45	45	47	84%:	40/	38/	36/
BMDC2:Blue Mesa	42	26	33	27	86%:	28/	24/	21/
MPSC2:Morrow Point	42	27	34	29	86%:	30/	26/	24/
CLSC2:Crystal	44	29	36	32	81%:	35/	30/	28/
TPIC2:Taylor Park	7.4	6.2	6.7	4.1	82%:	5/	4.5/	3.5/
VCRC2:Vallecito	8.0	7.6	8.2	4.4	52%:	4.5/	4/	3/
NVRN5:Navajo	-10.7	5.2	15.2	13.6	39%:	17/	16/	20/
LEMC2:Lemon	1.41	1.57	1.07	0.77	45%:	0.7/	0.6/	0.5/
MPHC2:McPhee	6.0	6.7	3.1	2.1e	32%:	3.5/	3/	3.5/
:								

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Fontenelle Reservoir

		Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Dec 2008	30	1	26	35	60	6482.26	180
H	Jan 2009	33	1	61	0	61	6476.93	151
I	Feb 2009	27	0	53	0	53	6471.15	124
S	Mar 2009	46	0	59	0	59	6467.98	111
T	Apr 2009	91	1	57	0	57	6475.63	145
O	May 2009	152	1	62	1	64	6490.46	231
R	Jun 2009	477	3	91	285	376	6504.01	330
I	Jul 2009	247	3	88	145	233	6505.36	341
C	Aug 2009	72	2	98	6	104	6500.99	306
A	Sep 2009	37	2	66	0	66	6496.84	276
	WY 2009	1295	15	773	485	1258		
L	Oct 2009	48	1	51	11	62	6494.68	260
*	Nov 2009	42	1	0	62	62	6491.61	239
	Dec 2009	33	1	69	0	69	6485.92	202
	Jan 2010	31	1	69	0	69	6479.21	163
	Feb 2010	29	0	63	0	63	6472.12	128
	Mar 2010	48	0	69	0	69	6466.91	106
	Apr 2010	90	1	83	0	83	6468.43	113
	May 2010	180	1	99	6	105	6483.50	187
	Jun 2010	315	2	103	96	199	6500.17	300
	Jul 2010	185	3	101	38	138	6505.80	344
	Aug 2010	80	2	100	5	105	6502.40	317
	Sep 2010	53	2	39	29	68	6500.15	300
	WY 2010	1134	15	846	248	1094		
	Oct 2010	49	1	54	16	71	6496.99	277
	Nov 2010	41	1	68	0	68	6493.09	249
	Dec 2010	32	1	71	0	71	6487.18	210
	Jan 2011	30	1	71	0	71	6480.34	169
	Feb 2011	28	0	64	0	64	6472.94	132
	Mar 2011	52	0	71	0	71	6468.40	112
	Apr 2011	89	1	83	0	83	6469.71	118
	May 2011	176	1	99	5	105	6483.74	188
	Jun 2011	307	2	103	90	193	6500.11	300
	Jul 2011	185	3	101	38	138	6505.78	344
	Aug 2011	82	2	99	5	105	6502.67	319
	Sep 2011	48	2	36	35	71	6499.44	295
	WY 2011	1120	15	921	190	1111		
	Oct 2011	49	1	74	0	74	6495.82	268
	Nov 2011	44	1	71	0	71	6491.81	240

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Flaming Gorge Reservoir

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Yampa Flow 1000 Ac-Ft	Jensen Flow 1000 Ac-Ft
*	Dec 2008	17	48	2	79	0	79	82	6020.01	2980	0	116
H	Jan 2009	39	67	2	80	0	80	82	6019.63	2965	0	752
I	Feb 2009	37	64	2	62	0	62	82	6019.63	2967	0	104
S	Mar 2009	62	75	3	52	0	52	82	6020.18	2987	0	140
T	Apr 2009	127	93	5	50	0	50	84	6021.21	3024	0	312
O	May 2009	212	125	7	150	0	150	83	6020.33	2993	758	883
R	Jun 2009	573	472	10	96	0	96	97	6029.83	3357	517	624
I	Jul 2009	284	271	14	117	0	117	102	6033.29	3478	109	247
C	Aug 2009	74	106	13	124	0	124	101	6032.53	3448	21	161
A	Sep 2009	45	74	11	120	0	120	99	6031.12	3392	14	144
	WY 2009	1564	1527	79	1065	0	1065					3709
L	Oct 2009	45	59	7	109	0	109	96	6029.69	3337	0	152
*	Nov 2009	47	67	4	104	0	104	95	6028.67	3298	0	0
	Dec 2009	40	76	2	108	0	108	94	6027.84	3266	0	108
	Jan 2010	38	76	2	108	0	108	92	6027.00	3235	0	108
	Feb 2010	36	70	2	97	0	97	91	6026.25	3206	0	97
	Mar 2010	70	91	3	90	0	90	91	6026.20	3205	0	90
	Apr 2010	115	108	5	86	0	86	92	6026.64	3221	0	86
	May 2010	220	145	8	146	0	146	91	6026.41	3213	0	146
	Jun 2010	370	254	10	176	0	176	94	6028.14	3278	0	176
	Jul 2010	200	153	14	100	0	100	96	6029.15	3316	0	100
	Aug 2010	88	113	13	100	0	100	96	6029.14	3316	0	100
	Sep 2010	60	75	11	97	0	97	94	6028.33	3285	0	97
	WY 2010	1329	1289	80	1321	0	1321					1260
	Oct 2010	59	81	7	100	0	100	93	6027.66	3260	0	100
	Nov 2010	51	78	3	97	0	97	92	6027.09	3238	0	97
	Dec 2010	36	75	2	100	0	100	91	6026.40	3212	0	100
	Jan 2011	41	81	2	100	0	100	91	6025.87	3193	0	100
	Feb 2011	45	82	2	90	0	90	90	6025.59	3182	0	90
	Mar 2011	103	123	3	100	0	100	91	6026.10	3201	0	100
	Apr 2011	142	136	5	97	0	97	92	6026.99	3234	0	97
	May 2011	263	192	8	148	0	148	94	6027.91	3269	0	148
	Jun 2011	400	286	10	181	0	181	97	6030.28	3360	0	181
	Jul 2011	219	172	14	112	0	112	99	6031.43	3404	0	112
	Aug 2011	96	119	13	112	0	112	99	6031.27	3398	0	112
	Sep 2011	58	81	11	109	0	109	97	6030.31	3361	0	109
	WY 2011	1515	1505	80	1345	0	1345					1345
	Oct 2011	59	84	7	112	0	112	96	6029.43	3327	0	112
	Nov 2011	49	76	3	109	0	109	95	6028.53	3293	0	109

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Taylor Park Reservoir

		Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Dec 2008	5	5	9311.34	72
H	Jan 2009	5	5	9311.21	72
I	Feb 2009	4	5	9310.95	71
S	Mar 2009	4	5	9310.68	71
T	Apr 2009	11	5	9314.31	77
O	May 2009	46	20	9328.38	103
R	Jun 2009	37	35	9329.45	105
I	Jul 2009	14	0	9324.35	95
C	Aug 2009	7	19	9317.78	83
A	Sep 2009	6	15	9312.44	74
	WY 2009	152	126		
L	Oct 2009	7	8	9311.60	72
*	Nov 2009	5	6	9310.68	71
	Dec 2009	5	4	9311.30	72
	Jan 2010	5	4	9311.61	72
	Feb 2010	3	4	9311.30	72
	Mar 2010	4	4	9311.30	72
	Apr 2010	8	8	9311.30	72
	May 2010	25	18	9315.50	79
	Jun 2010	38	20	9325.35	97
	Jul 2010	16	22	9322.19	91
	Aug 2010	8	22	9314.32	77
	Sep 2010	7	15	9309.42	69
	WY 2010	130	135		
	Oct 2010	6	10	9306.93	65
	Nov 2010	5	6	9306.23	64
	Dec 2010	4	5	9305.89	64
	Jan 2011	4	5	9305.34	63
	Feb 2011	4	5	9304.47	61
	Mar 2011	4	5	9303.95	61
	Apr 2011	8	8	9304.18	61
	May 2011	27	16	9311.44	72
	Jun 2011	43	20	9324.37	95
	Jul 2011	20	20	9324.59	96
	Aug 2011	10	22	9318.11	84
	Sep 2011	7	15	9313.45	76
	WY 2011	144	137		
	Oct 2011	6	10	9311.10	72
	Nov 2011	6	6	9310.79	71

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Blue Mesa Reservoir

	Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir elevation EOM Feet	Live Storage 1000 Ac-Ft
* Dec 2008	28	27	0	36	0	36	7490.25	583
H Jan 2009	26	27	0	39	0	39	7488.62	571
I Feb 2009	24	24	0	42	0	42	7486.19	552
S Mar 2009	40	40	0	49	0	49	7484.97	543
T Apr 2009	104	99	1	61	0	61	7489.84	580
O May 2009	344	317	1	110	10	120	7513.48	776
R Jun 2009	229	227	1	172	3	175	7519.02	826
I Jul 2009	95	105	2	144	0	144	7514.49	785
C Aug 2009	42	54	1	128	0	128	7505.79	710
A Sep 2009	26	35	1	93	0	93	7498.71	651
WY 2009	1018	1016	9	993	13	1006		
L Oct 2009	33	34	1	81	0	81	7492.82	603
* Nov 2009	27	28	0	28	0	28	7492.84	604
Dec 2009	28	27	0	49	0	49	7490.00	581
Jan 2010	24	23	0	83	0	83	7482.13	522
Feb 2010	21	22	0	60	0	60	7476.87	483
Mar 2010	31	31	0	34	0	34	7476.39	480
Apr 2010	75	75	1	42	0	42	7480.87	512
May 2010	190	183	1	58	0	58	7496.94	636
Jun 2010	225	207	1	46	0	46	7515.67	796
Jul 2010	89	95	2	87	0	87	7516.40	802
Aug 2010	49	63	1	121	0	121	7509.71	743
Sep 2010	38	46	1	105	0	105	7502.65	683
WY 2010	830	835	9	794	0	794		
Oct 2010	36	39	1	69	0	69	7499.01	653
Nov 2010	31	32	0	29	0	29	7499.36	656
Dec 2010	25	26	0	100	0	100	7490.00	581
Jan 2011	24	25	0	92	0	92	7481.17	515
Feb 2011	22	23	0	60	0	60	7476.03	477
Mar 2011	34	35	0	43	0	43	7474.83	469
Apr 2011	73	73	1	50	0	50	7477.97	491
May 2011	212	201	1	74	0	74	7494.55	617
Jun 2011	271	248	1	71	0	71	7515.38	793
Jul 2011	121	120	2	110	0	110	7516.40	802
Aug 2011	62	74	1	122	0	122	7510.78	753
Sep 2011	36	44	1	113	0	113	7502.61	683
WY 2011	946	940	9	932	0	932		
Oct 2011	36	39	1	73	0	73	7498.47	649
Nov 2011	34	34	0	30	0	30	7498.99	653

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Morrow Point Reservoir

		Unreg Inflow 1000 Ac-Ft	Blue_Mesa Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Evap losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Dec 2008	29	36	2	38	0	39	0	39	7152.11	111
H	Jan 2009	28	39	1	40	0	43	0	43	7148.12	108
I	Feb 2009	24	42	1	43	0	45	0	45	7145.98	106
S	Mar 2009	42	49	2	51	0	43	6	49	7147.72	107
T	Apr 2009	119	61	14	75	0	69	0	69	7155.78	114
O	May 2009	377	120	34	154	0	153	2	155	7154.23	112
R	Jun 2009	241	175	12	188	0	184	0	184	7158.19	116
I	Jul 2009	97	144	2	146	0	148	0	148	7155.33	113
C	Aug 2009	42	128	0	128	0	129	0	129	7154.90	113
A	Sep 2009	27	93	1	94	0	100	0	100	7146.95	107
	WY 2009	1088	1006	70	1077	1	1074	8	1083		
L	Oct 2009	34	81	1	82	0	81	0	81	7148.23	108
*	Nov 2009	29	28	2	30	0	27	0	27	7152.38	111
	Dec 2009	30	49	2	51	0	50	0	50	7153.73	112
	Jan 2010	26	83	2	85	0	85	0	85	7153.73	112
	Feb 2010	24	60	3	62	0	62	0	62	7153.73	112
	Mar 2010	34	34	3	37	0	37	0	37	7153.73	112
	Apr 2010	86	42	11	53	0	53	0	53	7153.73	112
	May 2010	215	58	25	83	0	83	0	83	7153.73	112
	Jun 2010	245	46	20	66	0	66	0	66	7153.73	112
	Jul 2010	95	87	6	93	0	93	0	93	7153.73	112
	Aug 2010	53	121	4	125	0	125	0	125	7153.73	112
	Sep 2010	44	105	6	111	0	111	0	111	7153.73	112
	WY 2010	915	794	85	879	0	873	0	873		
	Oct 2010	38	69	3	72	0	72	0	72	7153.73	112
	Nov 2010	33	29	2	31	0	31	0	31	7153.73	112
	Dec 2010	27	100	2	102	0	102	0	102	7153.73	112
	Jan 2011	26	92	2	94	0	94	0	94	7153.73	112
	Feb 2011	25	60	3	63	0	63	0	63	7153.73	112
	Mar 2011	38	43	4	47	0	47	0	47	7153.73	112
	Apr 2011	84	50	11	61	0	61	0	61	7153.73	112
	May 2011	237	74	25	99	0	99	0	99	7153.73	112
	Jun 2011	292	71	21	92	0	92	0	92	7153.73	112
	Jul 2011	127	110	7	116	0	116	0	116	7153.73	112
	Aug 2011	65	122	4	126	0	126	0	126	7153.73	112
	Sep 2011	39	113	3	116	0	116	0	116	7153.73	112
	WY 2011	1032	932	86	1018	0	1018	0	1018		
	Oct 2011	38	73	3	76	0	76	0	76	7153.73	112
	Nov 2011	35	30	1	31	0	31	0	31	7153.73	112

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Crystal Reservoir

	unreg Inflow 1000 Ac-Ft	Morrow Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Tunnel Flow 1000 Ac-Ft	Below_tunnel Flow 1000 Ac-Ft
* Dec 2008	32	39	3	42	42	0	42	6742.53	14	1	43
H Jan 2009	31	43	4	47	38	9	47	6741.02	14	1	49
I Feb 2009	28	45	3	48	24	20	45	6752.05	17	1	46
S Mar 2009	47	49	5	55	55	0	55	6751.30	16	10	47
T Apr 2009	130	69	12	81	80	0	80	6752.70	17	36	48
O May 2009	431	155	53	208	120	88	208	6752.57	17	55	160
R Jun 2009	264	184	23	207	116	91	207	6753.30	17	59	160
I Jul 2009	104	148	7	156	128	30	158	6743.22	14	68	101
C Aug 2009	44	129	2	131	130	0	130	6746.30	15	67	72
A Sep 2009	29	100	2	102	102	0	102	6746.55	15	63	46
WY 2009	1209	1083	121	1204	964	238	1202			416	857
L Oct 2009	36	81	3	84	72	10	82	6751.89	17	49	36
* Nov 2009	32	27	3	29	31	0	31	6747.51	15	1	31
Dec 2009	35	50	5	55	53	0	53	6753.04	17	0	53
Jan 2010	30	85	4	89	89	0	89	6753.04	17	0	89
Feb 2010	28	62	4	67	67	0	67	6753.04	17	0	67
Mar 2010	40	37	6	43	43	0	43	6753.04	17	5	38
Apr 2010	100	53	14	67	67	0	67	6753.04	17	30	37
May 2010	245	83	30	113	113	0	113	6753.04	17	55	58
Jun 2010	275	66	30	96	96	0	96	6753.04	17	60	36
Jul 2010	105	93	10	103	103	0	103	6753.04	17	65	38
Aug 2010	56	125	3	128	128	0	128	6753.04	17	65	63
Sep 2010	49	111	5	116	116	0	116	6753.04	17	55	61
WY 2010	1031	873	116	990	977	10	988			384	606
Oct 2010	44	72	6	78	78	0	78	6753.04	17	30	48
Nov 2010	38	31	5	36	36	0	36	6753.04	17	0	36
Dec 2010	32	102	5	107	107	0	107	6753.04	17	0	107
Jan 2011	31	94	5	99	99	0	99	6753.04	17	0	99
Feb 2011	29	63	4	67	67	0	67	6753.04	17	0	67
Mar 2011	46	47	7	54	54	0	54	6753.04	17	5	49
Apr 2011	96	61	12	73	73	0	73	6753.04	17	30	43
May 2011	272	99	35	134	134	0	134	6753.04	17	55	79
Jun 2011	330	92	38	130	130	0	130	6753.04	17	60	70
Jul 2011	144	116	17	133	133	0	133	6753.04	17	65	68
Aug 2011	74	126	8	134	134	0	134	6753.04	17	65	69
Sep 2011	45	116	6	122	122	0	122	6753.04	17	55	67
WY 2011	1183	1018	150	1168	1168	0	1168			365	803
Oct 2011	44	76	6	82	82	0	82	6753.04	17	30	52
Nov 2011	42	31	7	38	38	0	38	6753.04	17	0	38

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Vallecito Reservoir

		Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Dec 2008	5	2	7643.06	71
H	Jan 2009	5	2	7644.39	74
I	Feb 2009	5	2	7645.61	77
S	Mar 2009	8	4	7647.33	81
T	Apr 2009	22	10	7652.11	92
O	May 2009	98	66	7664.50	124
R	Jun 2009	44	43	7664.64	124
I	Jul 2009	19	39	7656.79	104
C	Aug 2009	8	39	7643.59	72
A	Sep 2009	8	30	7632.32	49
	WY 2009	237	254		
L	Oct 2009	8	13	7629.82	44
*	Nov 2009	4	3	7630.41	45
	Dec 2009	5	3	7631.16	47
	Jan 2010	4	3	7631.62	48
	Feb 2010	3	3	7631.69	48
	Mar 2010	5	3	7632.90	50
	Apr 2010	17	12	7635.37	55
	May 2010	62	35	7647.65	81
	Jun 2010	72	50	7656.48	103
	Jul 2010	26	43	7649.37	85
	Aug 2010	16	42	7637.49	59
	Sep 2010	14	32	7627.69	41
	WY 2010	237	242		
	Oct 2010	14	19	7624.32	35
	Nov 2010	8	6	7625.79	38
	Dec 2010	6	5	7626.64	39
	Jan 2011	5	5	7626.95	40
	Feb 2011	5	4	7627.19	40
	Mar 2011	8	5	7629.13	43
	Apr 2011	22	12	7634.46	53
	May 2011	69	43	7646.65	79
	Jun 2011	78	59	7654.30	98
	Jul 2011	31	43	7649.10	85
	Aug 2011	19	42	7638.72	62
	Sep 2011	17	32	7630.97	47
	WY 2011	282	274		
	Oct 2011	14	19	7627.86	41
	Nov 2011	8	6	7628.98	43

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Navajo Reservoir

	Mod_Unreg Inflow 1000 Ac-Ft	Azetea Tunnel_Div 1000 Ac-Ft	Reg Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	NIIP Diversion 1000 ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Farm Flow 1000 Ac-Ft
* Dec 2008	19	0	16	1	0	31	6054.38	1277	48
H Jan 2009	23	0	20	1	1	32	6053.29	1264	54
I Feb 2009	28	1	24	1	0	28	6052.85	1260	50
S Mar 2009	76	6	65	2	5	31	6055.13	1288	61
T Apr 2009	125	19	97	2	19	30	6058.76	1337	69
O May 2009	361	52	275	4	29	59	6072.47	1515	251
R Jun 2009	146	24	120	5	36	115	6069.92	1479	184
I Jul 2009	29	4	43	5	43	53	6065.70	1422	77
C Aug 2009	-11	0	20	4	42	49	6059.96	1347	64
A Sep 2009	5	0	28	3	22	37	6057.30	1314	52
WY 2009	850	106	760	28	210	529			1002
L Oct 2009	15	0	21	2	13	37	6054.76	1283	51
* Nov 2009	14	0	12	1	0	28	6053.34	1265	49
Dec 2009	17	0	16	1	0	31	6052.03	1250	31
Jan 2010	16	0	15	1	0	31	6050.66	1233	31
Feb 2010	20	0	20	1	0	28	6049.92	1225	28
Mar 2010	74	1	71	2	0	31	6053.18	1263	31
Apr 2010	125	15	105	2	17	30	6057.76	1320	30
May 2010	245	34	184	4	29	85	6062.97	1386	85
Jun 2010	220	28	169	4	44	147	6061.02	1361	147
Jul 2010	48	4	61	4	46	31	6059.42	1340	31
Aug 2010	26	2	50	4	39	31	6057.51	1317	31
Sep 2010	35	1	52	3	22	30	6057.31	1314	30
WY 2010	855	85	776	27	210	539			572
Oct 2010	40	2	44	2	8	31	6057.64	1318	31
Nov 2010	33	0	30	1	0	30	6057.61	1318	30
Dec 2010	24	0	22	1	0	31	6056.88	1309	31
Jan 2011	22	0	21	1	0	31	6056.06	1298	31
Feb 2011	30	0	30	1	0	28	6056.13	1299	28
Mar 2011	88	2	83	2	4	31	6059.85	1346	31
Apr 2011	174	16	148	3	17	34	6067.09	1441	34
May 2011	279	33	219	4	29	200	6066.07	1427	200
Jun 2011	246	29	198	4	44	212	6061.33	1365	212
Jul 2011	74	7	79	4	47	31	6061.10	1362	31
Aug 2011	43	3	63	4	40	31	6060.27	1351	31
Sep 2011	42	1	56	3	22	30	6060.37	1352	30
WY 2011	1096	93	994	28	210	718			718
Oct 2011	40	1	44	2	8	31	6060.71	1357	31
Nov 2011	32	0	30	1	0	30	6060.62	1356	30

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Lake Powell

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	PowerPlant Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Bank Storage 1000 Ac-Ft	EOM Storage 1000 Ac-Ft	Lees Ferry 1000 Ac-Ft
*	Dec 2008	312	386	28	801	0	801	3617.89	17349	13541	818
H	Jan 2009	329	394	9	802	0	802	3614.17	17318	13155	822
I	Feb 2009	323	377	9	602	0	602	3612.05	17300	12938	612
S	Mar 2009	470	445	16	626	0	626	3610.43	17268	12774	632
T	Apr 2009	788	669	25	604	0	604	3611.26	17224	12858	611
O	May 2009	2921	2446	31	582	0	582	3629.09	17163	14751	586
R	Jun 2009	2701	2217	54	664	0	664	3640.49	17353	16061	670
I	Jul 2009	1394	1219	67	803	0	803	3641.14	17625	16138	828
C	Aug 2009	323	536	66	802	0	802	3637.50	17721	15710	829
A	Sep 2009	261	466	59	598	0	598	3635.37	17777	15463	613
	WY 2009	10623	10107	437	8236	0	8236				8396
L	Oct 2009	342	508	41	620	0	620	3633.52	17836	15251	634
*	Nov 2009	422	496	39	692	0	692	3631.10	17876	14976	702
	Dec 2009	375	475	29	900	0	900	3627.33	17837	14556	900
	Jan 2010	350	493	22	955	0	955	3623.23	17801	14108	955
	Feb 2010	325	432	20	700	0	700	3620.74	17780	13842	700
	Mar 2010	600	580	25	900	0	900	3617.72	17754	13523	900
	Apr 2010	900	775	28	1040	0	1040	3615.12	17733	13252	1040
	May 2010	1950	1647	38	1060	0	1060	3619.98	17773	13761	1060
	Jun 2010	2600	2226	45	1090	0	1090	3629.27	17854	14771	1090
	Jul 2010	1100	1031	52	1148	0	1148	3627.86	17842	14615	1148
	Aug 2010	475	605	52	1065	0	1065	3623.53	17804	14141	1065
	Sep 2010	425	546	45	595	0	595	3622.73	17797	14054	595
	WY 2010	9864	9814	433	10765	0	10765				10788
	Oct 2010	514	588	40	615	0	615	3622.15	17792	13992	615
	Nov 2010	523	564	33	600	0	600	3621.55	17787	13928	600
	Dec 2010	414	560	28	800	0	800	3619.21	17767	13680	800
	Jan 2011	384	520	21	800	0	800	3616.55	17745	13401	800
	Feb 2011	394	475	19	600	0	600	3615.26	17734	13268	600
	Mar 2011	628	582	24	600	0	600	3614.88	17731	13228	600
	Apr 2011	950	774	27	600	0	600	3616.20	17742	13364	600
	May 2011	2161	1891	38	600	0	600	3627.04	17834	14524	600
	Jun 2011	2811	2431	47	620	0	620	3641.30	17965	16157	620
	Jul 2011	1346	1238	56	950	0	950	3643.10	17982	16372	950
	Aug 2011	566	672	57	850	0	850	3641.28	17965	16155	850
	Sep 2011	460	597	49	595	0	595	3640.91	17961	16111	595
	WY 2011	11151	10892	441	8230	0	8230				8230
	Oct 2011	514	604	44	615	0	615	3640.48	17957	16060	615
	Nov 2011	502	556	37	600	0	600	3639.84	17951	15985	600

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Hoover Dam - Lake Mead

		Glen Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	SNWP Use 1000 Ac-Ft	Dwnstrm Reqmnts 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
*	Dec 2008	801	62	41	453	7.4	8	432	812	1110.97	12496
H	Jan 2009	802	63	34	741	12.1	9	739	817	1111.78	12572
I	Feb 2009	602	82	31	679	12.2	9	669	815	1111.43	12539
S	Mar 2009	626	62	34	1037	16.9	17	1036	791	1107.40	12164
T	Apr 2009	604	36	42	1174	19.7	20	1169	754	1101.26	11604
O	May 2009	582	63	47	977	15.9	33	968	729	1096.92	11217
R	Jun 2009	664	11	56	750	12.6	25	748	720	1095.26	11071
I	Jul 2009	803	38	70	840	13.7	30	838	714	1094.20	10978
C	Aug 2009	802	59	74	801	13.0	30	792	711	1093.73	10938
A	Sep 2009	598	55	61	575	9.7	22	570	711	1093.68	10933
	WY 2009	8236	651	585	9210		242	9119			
L	Oct 2009	620	23	44	613	10.0	25	608	708	1093.26	10897
*	Nov 2009	692	39	44	648	10.9	15	646	710	1093.52	10919
	Dec 2009	900	65	39	653	10.6	8	653	726	1096.36	11168
	Jan 2010	955	131	32	739	12.0	20	739	744	1099.49	11445
	Feb 2010	700	134	30	655	11.8	21	655	752	1100.83	11566
	Mar 2010	900	96	33	1022	16.6	28	1022	746	1099.92	11483
	Apr 2010	1040	75	41	1117	18.8	22	1117	742	1099.22	11421
	May 2010	1060	70	47	1028	16.7	32	1028	744	1099.46	11443
	Jun 2010	1090	24	57	881	14.8	29	881	753	1100.99	11580
	Jul 2010	1148	61	72	898	14.6	31	898	765	1103.15	11774
	Aug 2010	1065	110	78	804	13.1	32	804	781	1105.83	12020
	Sep 2010	595	78	64	663	11.1	27	663	776	1105.00	11943
	WY 2010	10765	906	582	9722		291	9716			
	Oct 2010	615	73	47	370	6.0	39	370	790	1107.37	12161
	Nov 2010	600	73	47	625	10.5	28	625	789	1107.09	12136
	Dec 2010	800	65	41	532	8.7	22	532	805	1109.82	12389
	Jan 2011	800	131	34	674	11.0	20	674	818	1111.85	12580
	Feb 2011	600	134	31	674	12.1	19	674	818	1111.95	12589
	Mar 2011	600	96	35	1006	16.4	27	1006	796	1108.23	12241
	Apr 2011	600	75	42	1140	19.2	24	1140	763	1102.78	11742
	May 2011	600	70	48	1009	16.4	33	1009	738	1098.39	11347
	Jun 2011	620	24	56	899	15.1	31	899	717	1094.75	11026
	Jul 2011	950	61	70	897	14.6	33	897	717	1094.86	11036
	Aug 2011	850	110	74	801	13.0	34	801	720	1095.40	11083
	Sep 2011	595	78	61	616	10.4	29	616	718	1095.05	11052
	WY 2011	8230	990	586	9243		340	9243			
	Oct 2011	615	73	45	468	7.6	38	468	727	1096.51	11180
	Nov 2011	600	73	45	615	10.3	27	615	726	1096.36	11168

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Davis Dam - Lake Mohave

	Hoover Release 1000 Ac-Ft	Side inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Spill Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
* Dec 2008	453	-23	339	0	339	5.5	638.77	1585
H Jan 2009	741	-25	655	0	655	10.6	641.08	1647
I Feb 2009	679	-18	629	0	629	11.3	642.29	1679
S Mar 2009	1037	-27	1035	0	1035	16.8	641.38	1655
T Apr 2009	1174	-30	1097	0	1097	18.4	643.11	1702
O May 2009	977	-28	916	0	916	14.9	644.36	1736
R Jun 2009	750	-28	788	0	788	13.2	641.92	1669
I Jul 2009	840	-20	835	0	835	13.6	641.37	1654
C Aug 2009	801	-31	756	0	756	12.3	641.90	1669
A Sep 2009	575	-16	726	0	726	12.2	635.60	1501
WY 2009	9210	-286	9008	0	9008			
L Oct 2009	613	-22	623	0	623	10.1	634.34	1469
* Nov 2009	648	-26	590	0	590	9.9	635.61	1502
Dec 2009	653	-20	552	0	552	9.0	638.70	1583
Jan 2010	739	-22	614	0	614	10.0	642.50	1685
Feb 2010	655	-15	660	0	660	11.9	641.80	1666
Mar 2010	1022	-26	962	0	962	15.6	643.05	1700
Apr 2010	1117	-28	1091	0	1091	18.3	643.00	1699
May 2010	1028	-35	993	0	993	16.1	643.00	1699
Jun 2010	881	-27	882	0	882	14.8	642.00	1671
Jul 2010	898	-23	889	0	889	14.5	641.50	1658
Aug 2010	804	-25	779	0	779	12.7	641.50	1658
Sep 2010	663	-17	740	0	740	12.4	638.00	1564
WY 2010	9722	-286	9373	0	9373			
Oct 2010	370	-4	559	0	559	9.1	630.49	1371
Nov 2010	625	-18	492	0	492	8.3	635.00	1486
Dec 2010	532	-20	415	0	415	6.8	638.71	1583
Jan 2011	674	-22	569	0	569	9.3	641.80	1666
Feb 2011	674	-15	659	0	659	11.9	641.80	1666
Mar 2011	1006	-26	945	0	945	15.4	643.05	1700
Apr 2011	1140	-28	1114	0	1114	18.7	643.00	1699
May 2011	1009	-35	974	0	974	15.8	643.00	1699
Jun 2011	899	-27	899	0	899	15.1	642.00	1671
Jul 2011	897	-23	888	0	888	14.4	641.50	1658
Aug 2011	801	-25	776	0	776	12.6	641.50	1658
Sep 2011	616	-17	693	0	693	11.6	638.00	1564
WY 2011	9243	-260	8983	0	8983			
Oct 2011	468	-4	594	0	594	9.7	633.00	1434
Nov 2011	615	-18	546	0	546	9.2	635.00	1486

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Parker Dam - Lake Havasu

		Davis Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	MWD Diversion 1000 Ac-Ft	CAP diversion 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft	Flow_to Mexico 1000 Ac-Ft	Flow_to Mexico 1000 CFS
*	Dec 2008	339	15	236	3.8	67	65	446.81	558	139	2.3
H	Jan 2009	655	-6	379	6.2	100	171	446.67	555	121	2.0
I	Feb 2009	629	3	397	7.2	82	162	446.08	544	162	2.9
S	Mar 2009	1035	-7	736	12.0	99	180	446.75	557	208	3.4
T	Apr 2009	1097	-5	784	13.2	98	172	448.75	595	205	3.4
O	May 2009	916	-3	647	10.5	101	165	448.71	594	122	2.0
R	Jun 2009	788	-6	595	10.0	98	94	448.49	590	113	1.9
I	Jul 2009	835	-13	655	10.6	100	75	448.11	582	120	2.0
C	Aug 2009	756	-3	582	9.5	100	70	448.19	584	101	1.6
A	Sep 2009	726	-1	505	8.5	96	143	447.16	564	93	1.6
	WY 2009	9008	-7	6347		1072	1602			1584	
L	Oct 2009	623	-1	446	7.2	27	133	448.03	581	77	1.2
*	Nov 2009	590	19	365	6.1	107	144	447.61	573	104	1.8
	Dec 2009	552	11	314	5.1	110	151	447.00	561	119	1.9
	Jan 2010	614	25	352	5.7	109	178	447.00	561	119	1.9
	Feb 2010	660	28	444	8.0	93	161	446.50	552	154	2.8
	Mar 2010	962	30	708	11.5	103	178	446.70	555	204	3.3
	Apr 2010	1091	-6	775	13.0	99	172	448.71	594	199	3.3
	May 2010	993	-16	697	11.3	103	178	448.71	594	111	1.8
	Jun 2010	882	-26	674	11.3	99	82	448.71	594	116	1.9
	Jul 2010	889	-18	718	11.7	103	64	448.00	580	119	1.9
	Aug 2010	779	-11	615	10.0	103	60	447.50	571	93	1.5
	Sep 2010	740	-12	528	8.9	74	139	446.80	557	89	1.5
	WY 2010	9373	23	6636		1128	1639			1505	
	Oct 2010	559	6	442	7.2	27	105	446.31	548	74	1.2
	Nov 2010	492	13	372	6.2	27	103	446.50	552	103	1.7
	Dec 2010	415	11	282	4.6	28	117	446.50	552	118	1.9
	Jan 2011	569	25	341	5.5	83	169	446.50	552	119	1.9
	Feb 2011	659	28	452	8.1	75	160	446.50	552	149	2.7
	Mar 2011	945	30	718	11.7	84	170	446.70	555	206	3.4
	Apr 2011	1114	-6	820	13.8	81	168	448.71	594	200	3.4
	May 2011	974	-16	700	11.4	84	175	448.71	594	113	1.8
	Jun 2011	899	-26	664	11.2	81	128	448.71	594	115	1.9
	Jul 2011	888	-18	722	11.7	83	79	448.00	580	119	1.9
	Aug 2011	776	-11	625	10.2	83	66	447.50	571	93	1.5
	Sep 2011	693	-12	539	9.1	61	95	446.80	557	89	1.5
	WY 2011	8983	24	6675		796	1535			1499	
	Oct 2011	594	6	447	7.3	24	138	446.31	548	74	1.2
	Nov 2011	546	13	360	6.1	24	171	446.50	552	103	1.7

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Hoover Dam - Lake Mead

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Hoover Static Head Feet	Hoover Generator Capacity MW	Hoover Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Dec 2008	453	7.4	1110.97	12496	339	0.00	1523.0	171.3	88	377.7
H	Jan 2009	741	12.1	1111.78	12572	76	0.00	1305.0	299.0	75	403.3
I	Feb 2009	679	12.2	1111.43	12539	-33	0.00	1415.0	263.8	81	388.5
S	Mar 2009	1037	16.9	1107.40	12164	-376	0.00	950.0	415.9	55	401.2
T	Apr 2009	1174	19.7	1101.26	11604	-560	0.00	1284.0	474.0	76	403.7
O	May 2009	977	15.9	1096.92	11217	-387	0.00	1411.0	381.7	85	390.6
R	Jun 2009	750	12.6	1095.26	11071	-146	0.00	1641.0	287.2	100	383.1
I	Jul 2009	840	13.7	1094.20	10978	-93	0.00	1640.0	324.9	100	386.9
C	Aug 2009	801	13.0	1093.73	10938	-41	0.00	1648.0	307.5	100	383.8
A	Sep 2009	574	9.7	1093.68	10933	-4	0.00	1656.0	215.3	100	374.9
	WY 2009	9210							3592.3		
L	Oct 2009	613	10.0	1093.26	10897	-37	0.00	1158.0	235.5	70	384.4
*	Nov 2009	648	10.9	1093.52	10919	23	0.00	1358.0	251.9	82	388.7
	Dec 2009	653	10.6	1096.36	11168	248	449.20	1037.0	261.8	63	400.9
	Jan 2010	739	12.0	1099.49	11445	277	448.35	1293.0	298.0	77	403.4
	Feb 2010	655	11.8	1100.83	11566	120	451.01	1079.0	267.5	64	408.2
	Mar 2010	1022	16.6	1099.92	11483	-82	449.17	1366.0	415.0	81	405.9
	Apr 2010	1117	18.8	1099.22	11421	-62	447.30	1466.0	457.6	87	409.5
	May 2010	1028	16.7	1099.46	11443	21	446.36	1580.0	411.2	94	400.1
	Jun 2010	881	14.8	1100.99	11580	137	446.91	1688.0	352.5	100	399.9
	Jul 2010	898	14.6	1103.15	11774	195	449.23	1697.0	360.2	100	401.0
	Aug 2010	804	13.1	1105.83	12020	245	451.79	1713.0	326.9	100	406.6
	Sep 2010	663	11.1	1105.00	11943	-76	453.85	1707.0	265.0	100	399.7
	WY 2010	9722							3903.2		
	Oct 2010	370	6.0	1107.37	12161	218	458.77	1397.0	143.9	81	389.1
	Nov 2010	625	10.5	1107.09	12136	-25	462.35	1387.0	257.4	81	412.1
	Dec 2010	532	8.7	1109.82	12389	253	460.17	1511.0	211.8	87	397.8
	Jan 2011	674	11.0	1111.85	12580	191	461.06	1402.0	274.7	80	407.4
	Feb 2011	674	12.1	1111.95	12589	9	460.95	1429.0	278.3	82	412.9
	Mar 2011	1006	16.4	1108.23	12241	-348	458.65	1425.0	414.6	83	412.1
	Apr 2011	1140	19.2	1102.78	11742	-499	452.48	1595.0	471.1	94	413.2
	May 2011	1009	16.4	1098.39	11347	-395	447.60	1596.9	403.5	94	399.9
	Jun 2011	899	15.1	1094.75	11026	-321	443.28	1700.0	357.6	100	397.9
	Jul 2011	897	14.6	1094.86	11036	10	442.02	1700.0	354.5	100	395.0
	Aug 2011	801	13.0	1095.40	11083	48	442.50	1700.0	319.4	100	398.8
	Sep 2011	616	10.4	1095.05	11052	-31	443.73	1700.0	243.1	100	394.6
	WY 2011	9243							3729.8		
	Oct 2011	468	7.6	1096.51	11180	128	448.42	1383.2	185.7	81	396.6
	Nov 2011	615	10.3	1096.36	11168	-13	450.79	1371.7	247.6	81	402.5

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T E M R E S E R V O I R S

Bureau of Reclamation - CRFS 12/2009 Most Prob Water Supply 07-dec-2009 16:43:08

Davis Dam - Lake Mohave

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Davis Static Head Feet	Davis Generator Capacity MW	Davis Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Dec 2008	339	5.5	638.77	1585	91	0.00	163.2	42.1	64	124.2
H	Jan 2009	655	10.6	641.08	1647	62	0.00	155.6	80.8	61	123.4
I	Feb 2009	629	11.3	642.29	1679	33	0.00	193.8	79.3	76	126.1
S	Mar 2009	1035	16.8	641.38	1655	-25	0.00	255.0	121.2	100	117.1
T	Apr 2009	1097	18.4	643.11	1702	47	0.00	255.0	135.7	100	123.7
O	May 2009	916	14.9	644.36	1736	34	0.00	255.0	115.6	100	126.3
R	Jun 2009	788	13.2	641.92	1669	-67	0.00	255.0	99.5	100	126.2
I	Jul 2009	835	13.6	641.37	1654	-15	0.00	255.0	101.8	100	121.9
C	Aug 2009	756	12.3	641.90	1669	14	0.00	255.0	94.4	100	124.8
A	Sep 2009	726	12.2	635.60	1501	-167	0.00	255.0	89.2	100	122.8
	WY 2009	9008							1106.2		
L	Oct 2009	623	10.1	634.34	1469	-33	0.00	216.8	74.2	85	119.1
*	Nov 2009	590	9.9	635.61	1502	33	0.00	186.2	70.9	73	120.3
	Dec 2009	552	9.0	638.70	1583	81	131.87	188.7	67.4	74	122.1
	Jan 2010	614	10.0	642.50	1685	102	135.56	186.2	76.7	73	124.8
	Feb 2010	660	11.9	641.80	1666	-19	136.58	204.0	82.8	80	125.5
	Mar 2010	962	15.6	643.05	1700	34	135.64	247.3	119.8	97	124.6
	Apr 2010	1091	18.3	643.00	1699	-2	136.07	255.0	135.6	100	124.3
	May 2010	993	16.1	643.00	1699	0	136.04	255.0	124.0	100	124.9
	Jun 2010	882	14.8	642.00	1671	-27	135.51	255.0	110.1	100	124.9
	Jul 2010	889	14.5	641.50	1658	-14	134.73	255.0	110.5	100	124.3
	Aug 2010	779	12.7	641.50	1658	0	134.46	255.0	97.1	100	124.7
	Sep 2010	740	12.4	638.00	1564	-94	132.63	255.0	91.2	100	123.2
	WY 2010	9373							1160.3		
	Oct 2010	559	9.1	630.49	1371	-193	127.33	237.2	66.7	93	119.4
	Nov 2010	492	8.3	635.00	1486	115	125.82	234.6	58.3	92	118.4
	Dec 2010	415	6.8	638.71	1583	97	130.00	239.7	51.0	94	122.7
	Jan 2011	569	9.3	641.80	1666	83	134.16	219.3	71.0	86	124.8
	Feb 2011	659	11.9	641.80	1666	0	135.05	244.8	82.6	96	125.2
	Mar 2011	945	15.4	643.05	1700	34	135.44	255.0	117.8	100	124.6
	Apr 2011	1114	18.7	643.00	1699	-2	136.07	255.0	138.3	100	124.2
	May 2011	974	15.8	643.00	1699	0	136.04	255.0	121.7	100	125.0
	Jun 2011	899	15.1	642.00	1671	-27	135.51	255.0	112.2	100	124.8
	Jul 2011	888	14.4	641.50	1658	-14	134.73	255.0	110.4	100	124.3
	Aug 2011	776	12.6	641.50	1658	0	134.46	255.0	96.7	100	124.7
	Sep 2011	693	11.6	638.00	1564	-94	132.63	255.0	85.6	100	123.5
	WY 2011	8983							1112.3		
	Oct 2011	594	9.7	633.00	1434	-130	128.65	237.2	71.5	93	120.4
	Nov 2011	546	9.2	635.00	1486	51	127.14	234.6	65.1	92	119.2

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T E M R E S E R V O I R S

Bureau of Reclamation - CRFS 12/2009 Most Prob Water Supply 07-dec-2009 16:43:08
Parker Dam - Lake Havasu

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Parker Static Head Feet	Parker Generator Capacity MW	Parker Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Dec 2008	236	3.8	446.81	558	-14	0.00	85.2	15.3	71	64.7
H	Jan 2009	379	6.2	446.67	555	-3	0.00	78.0	25.9	65	68.2
I	Feb 2009	397	7.2	446.08	544	-11	0.00	90.0	27.2	75	68.5
S	Mar 2009	736	12.0	446.75	556	12	0.00	87.6	49.2	73	66.8
T	Apr 2009	784	13.2	448.75	595	38	0.00	111.6	53.8	93	68.6
O	May 2009	647	10.5	448.71	594	-1	0.00	120.0	44.9	100	69.4
R	Jun 2009	595	10.0	448.49	590	-4	0.00	120.0	41.3	100	69.5
I	Jul 2009	655	10.6	448.11	582	-7	0.00	120.0	43.4	100	66.3
C	Aug 2009	582	9.5	448.19	584	2	0.00	118.8	39.9	99	68.6
A	Sep 2009	505	8.5	447.16	564	-19	0.00	87.6	35.0	73	69.2
	WY 2009	6347							433.2		
L	Oct 2009	446	7.2	448.03	581	16	0.00	90.0	30.5	75	68.5
*	Nov 2009	365	6.1	447.61	573	-8	0.00	66.0	25.9	55	71.0
	Dec 2009	314	5.1	447.00	561	-12	77.06	73.2	20.5	61	65.1
	Jan 2010	352	5.7	447.00	561	-0	77.23	66.0	23.2	55	66.0
	Feb 2010	444	8.0	446.50	552	-9	75.38	93.6	29.0	78	65.4
	Mar 2010	708	11.5	446.70	555	4	74.01	120.0	46.0	100	64.9
	Apr 2010	775	13.0	448.71	594	38	75.09	120.0	51.1	100	66.0
	May 2010	697	11.3	448.71	594	0	76.06	120.0	46.3	100	66.5
	Jun 2010	674	11.3	448.71	594	0	76.06	120.0	44.8	100	66.5
	Jul 2010	718	11.7	448.00	580	-14	75.72	120.0	47.6	100	66.3
	Aug 2010	615	10.0	447.50	571	-10	75.13	120.0	40.3	100	65.5
	Sep 2010	528	8.9	446.80	557	-13	74.55	120.0	34.3	100	64.8
	WY 2010	6636							439.5		
	Oct 2010	442	7.2	446.31	548	-9	73.97	120.0	28.2	100	63.9
	Nov 2010	372	6.2	446.50	552	3	75.04	93.6	23.9	78	64.4
	Dec 2010	282	4.6	446.50	552	0	74.66	103.2	17.7	86	62.8
	Jan 2011	341	5.5	446.50	552	0	75.01	96.0	21.8	80	63.9
	Feb 2011	452	8.1	446.50	552	0	74.71	102.0	29.3	85	64.9
	Mar 2011	718	11.7	446.70	555	4	74.01	120.0	46.6	100	65.0
	Apr 2011	820	13.8	448.71	594	38	75.09	120.0	54.2	100	66.1
	May 2011	700	11.4	448.71	594	0	76.06	120.0	46.5	100	66.5
	Jun 2011	664	11.2	448.71	594	0	76.06	120.0	44.1	100	66.4
	Jul 2011	722	11.7	448.00	580	-14	75.72	120.0	47.8	100	66.3
	Aug 2011	625	10.2	447.50	571	-10	75.13	120.0	41.0	100	65.5
	Sep 2011	539	9.1	446.80	557	-13	74.55	120.0	34.9	100	64.9
	WY 2011	6675							436.2		
	Oct 2011	447	7.3	446.31	548	-9	73.97	120.0	28.6	100	63.9
	Nov 2011	360	6.1	446.50	552	3	75.04	93.6	23.2	78	64.3

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T Y M R E S E R V O I R S

Bureau of Reclamation - CRFS 12/2009 Most Prob Water Supply 07-dec-2009 16:43:08
Upper Basin Power

		Glen Canyon 1000 MWHR	Flam Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Res 1000 MWHR	Font Res 1000 MWHR
*	Dec 2008	355	30	10	14	7	2
H	Jan 2009	352	31	11	15	6	4
I	Feb 2009	262	24	12	15	4	3
S	Mar 2009	271	20	14	15	10	3
	Winter 2009	1742	142	89	111	57	17
T	Apr 2009	260	19	17	24	16	3
O	May 2009	256	57	33	55	23	4
R	Jun 2009	301	38	54	66	22	8
I	Jul 2009	371	47	45	53	22	8
C	Aug 2009	368	50	39	46	23	9
A	Sep 2009	275	48	28	35	20	6
	Summer 2009	1832	259	216	278	125	38
L	Oct 2009	285	44	24	28	14	4
*	Nov 2009	309	42	8	9	4	0
	Dec 2009	377	39	15	18	9	6
	Jan 2010	397	39	24	31	15	5
	Feb 2010	289	35	17	23	12	4
	Mar 2010	370	33	10	13	7	4
	Winter 2010	2027	232	97	122	62	24
	Apr 2010	426	31	12	19	12	5
	May 2010	435	53	17	30	20	7
	Jun 2010	453	64	14	24	17	9
	Jul 2010	480	37	27	33	18	10
	Aug 2010	442	37	38	45	22	10
	Sep 2010	247	35	32	40	20	4
	Summer 2010	2482	258	141	191	108	44
	Oct 2010	254	37	21	26	13	5
	Nov 2010	248	35	9	11	6	6
	Dec 2010	329	36	30	37	19	6
	Jan 2011	328	36	27	34	17	6
	Feb 2011	245	33	17	23	12	5
	Mar 2011	245	36	12	17	9	5
	Winter 2011	1649	214	115	147	76	32
	Apr 2011	245	35	14	22	13	5
	May 2011	248	54	22	36	23	7
	Jun 2011	262	66	22	33	22	9
	Jul 2011	408	41	34	42	23	10
	Aug 2011	364	41	38	45	23	10
	Sep 2011	255	40	35	42	21	3
	Summer 2011	1782	278	165	220	126	44
	Oct 2011	263	41	22	27	14	7
	Nov 2011	256	40	9	11	7	6

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model_run_id = 2042

F L O O D C O N T R O L C R I T E R I A
B E G I N N I N G O F M O N T H C O N D I T I O N S

MON	YEAR	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	LAKE POWELL KAF	UPPER BASIN TOTAL KAF	LAKE MEAD KAF	TOTAL KAF	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	TOT OR MAX ALLOW KAF	LAKE POWELL KAF	LAKE MEAD KAF	TOTAL KAF	BOM SPACE REQD KAF	MEAD SCHED REL KAF	MEAD FC REL KAF	SYS CONT MAF
		* * * * P R E D I C T E D S P A C E * * * *										* * * * C R E D I T A B L E S P A C E * * * *							
DEC	2009	557	226	431	9344	10557	16461	27018	557	226	431	1214	9344	16461	27018	4580	653	0	33.4
JAN	2010	626	248	446	9764	11085	16212	27297	626	248	446	1320	9764	16212	27297	5350	739	0	33.2
												* * * * E F F E C T I V E S P A C E * * * *							
JAN	2010	626	248	446	9764	11085	16212	27297	246	246	243	735	9764	16212	26712	5350	739	0	33.2
FEB	2010	696	308	463	10212	11679	15935	27614	315	305	259	879	10212	15935	27026	1500	655	0	32.9
MAR	2010	759	346	471	10478	12054	15814	27869	376	343	267	987	10478	15814	27279	1500	1022	0	32.5
APR	2010	783	349	433	10797	12361	15897	28258	397	346	227	970	10797	15897	27663	1500	1117	0	32.3
MAY	2010	760	317	376	11068	12521	15959	28480	368	313	151	833	11068	15959	27859	1500	1028	0	33.1
JUN	2010	694	193	310	10559	11757	15937	27694	294	181	53	528	10559	15937	27024	1500	881	0	34.6
JUL	2010	516	34	335	9549	10433	15800	26234	100	2	30	132	9549	15800	25481	1500	898	0	34.7
												* * * * C R E D I T A B L E S P A C E * * * *							
AUG	2010	434	27	356	9705	10521	15606	26127	434	27	356	816	9705	15606	26127	1500	804	0	34.3
SEP	2010	460	86	379	10179	11105	15360	26466	460	86	379	926	10179	15360	26466	2270	663	0	33.9
OCT	2010	509	146	382	10266	11303	15437	26739	509	146	382	1037	10266	15437	26739	3040	370	0	33.8
NOV	2010	557	176	378	10328	11440	15219	26659	557	176	378	1112	10328	15219	26659	3810	625	0	33.8
DEC	2010	607	173	378	10392	11550	15244	26794	607	173	378	1158	10392	15244	26794	4580	532	0	33.7
JAN	2011	672	248	387	10640	11947	14991	26939	672	248	387	1307	10640	14991	26939	5350	674	0	33.6
												* * * * E F F E C T I V E S P A C E * * * *							
JAN	2011	672	248	387	10640	11947	14991	26939	386	248	212	846	10640	14991	26477	5350	674	0	33.6
FEB	2011	733	315	398	10919	12364	14800	27164	445	315	221	982	10919	14800	26701	1500	674	0	33.4
MAR	2011	780	352	397	11052	12581	14791	27372	490	352	219	1062	11052	14791	26905	1500	1006	0	33.0
APR	2011	780	360	350	11092	12583	15139	27722	487	360	167	1014	11092	15139	27245	1500	1140	0	32.9
MAY	2011	742	338	255	10956	12291	15638	27929	441	338	53	832	10956	15638	27427	1500	1009	0	33.9
JUN	2011	636	212	269	9796	10914	16033	26947	326	212	34	571	9796	16033	26401	1500	899	0	35.5
JUL	2011	434	36	331	8163	8965	16354	25319	107	11	48	166	8163	16354	24684	1500	897	0	35.8
												* * * * C R E D I T A B L E S P A C E * * * *							
AUG	2011	345	27	334	7948	8655	16344	24999	345	27	334	707	7948	16344	24999	1500	801	0	35.5
SEP	2011	376	77	345	8165	8963	16297	25260	376	77	345	798	8165	16297	25260	2270	616	0	35.2
OCT	2011	438	147	344	8209	9137	16328	25465	438	147	344	928	8209	16328	25465	3040	468	0	35.0
NOV	2011	499	181	339	8260	9279	16200	25478	499	181	339	1019	8260	16200	25478	3810	615	0	34.9

January 24-Month Study
Date: January 13, 2010

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

Reservoir	December Inflow (unregulated) (acre-feet)	Percent of Average (%)	January 12 Midnight Elevation (feet)	Reservoir Storage (acre-feet)
Fontenelle	31,000	94	6482.76	182,000
Flaming Gorge	19,000	48	6026.95	3,233,000
Blue Mesa	21,000	81	7488.78	572,000
Powell	309,000	71	3624.23	14,217,000
Navajo	10,000	40	6050.97	1,237,000

Expected Operations

The operation of Lake Powell and Lake Mead in this January 2010 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines), and reflects the 2010 Annual Operating Plan (AOP). Pursuant to the Interim Guidelines, the August 2009 24-Month Study projections of the January 1, 2010 system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead.

The operational tier for water year 2010 for the coordinated operation of Lake Powell and Lake Mead is the Upper Elevation Balancing Tier with a corresponding annual release from Lake Powell of 8.23 maf. Under this operational tier, an adjustment to the water year operation of Lake Powell can occur in April based on the April 24-Month Study projection of the September 30 system storage and reservoir water surface elevations.

The January 2010 24-Month Study, with a water year release volume from Lake Powell of 8.23 million acre-feet (maf), projects that the Lake Powell end of water year 2010 water surface elevation will be 3638.31 feet above sea level which is below the 2010 Equalization Elevation of 3642 feet. For this reason, the January 2010 24-Month Study projects that an April adjustment to the Equalization Tier in 2010 is not likely to occur under the currently forecasted most probable hydrologic conditions.

Basin hydrology can vary significantly through the winter and there is uncertainty in forecasting snow pack conditions. An April adjustment to the Equalization Tier is still possible if forecasted runoff conditions become significantly wetter between now and April. Based on analysis of recently updated possible inflow scenarios, the probability of an April adjustment to the Equalization Tier in 2010 is approximately 21 percent.

The Intentionally Created Surplus (ICS) Surplus condition is the

The average daily base flow for the base flow period is 1,700 cubic feet per second (cfs) per day. The flexibility outlined in the ROD allows the average daily base flow to vary ± 40% from the average daily base flow for the summer period through November 30, and ± 25% for the winter period from December 1 through the end of February. Releases out of Flaming Gorge are currently fluctuating around a 1,750 cfs daily average. The final January forecast for April through July unregulated inflow into Flaming Gorge Reservoir was 65 percent of average. With the low unregulated inflow observed in December and forecasted for April through July, February releases will be decreased to 1,550 cfs daily average and March releases decreased to 1,275 cfs daily average. Releases are also expected to follow a double peak pattern through February.

The next Flaming Gorge Working Group meeting is scheduled for April 27, 2009, in Vernal, Utah. The meeting will be held at 7:00 p.m. at the Western Park Convention Center located at 302 East 200 South in Vernal, Utah. For directions, please call 435-789-7396. The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stake holders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations and plans presented by Reclamation at these meetings. For more information on this group and these meetings please contact Ed Vidmar at 801-379-1182.

Aspinall Reservoir Unit – December unregulated inflow into Blue Mesa Reservoir was 21,000 acre-feet or 81 percent of average. Precipitation during December was observed to be about 90 percent of average. The Gunnison River basin snowpack as of January 12th was averaging about 82 percent. The current inflow rate into Blue Mesa Reservoir is about 350 cfs while reservoir releases are averaging about 750 cfs. The past four months have seen below average inflow into Blue Mesa Reservoir of about 83 percent. The present reservoir elevation is 7488.90 feet, which corresponds to a storage content of about 573,000 acre-feet.

The first Water Supply Forecast for Water Year 2010 has been issued and the April through July unregulated inflow is forecasted to be at 575,000 acre-feet (80% of normal). Based on this forecast, Blue Mesa Reservoir is projected to fill by July 2010.

Releases from Crystal Dam are steady at 800 cfs. Reservoir releases will most likely change as hydrologic conditions warrant, primarily as we respond to changes in forecasted inflows.

The next meeting of the "Aspinall Unit Working Group" will be held on Thursday January 21st in the Montrose, Colorado, starting at 1:00 PM. At this meeting, review of last summer and fall reservoir operations, and plans for this winter and next spring 2010 operations will be discussed. These meetings are open forum discussions on the Aspinall Unit reservoir operations with many interested groups participating. Anyone needing further information about these meetings should contact Dan Crabtree in the Grand Junction Area Office at (970) 248-0652.

Navajo Reservoir - Reclamation decreased the release from Navajo Reservoir to 500 cubic feet per second (cfs) on Tuesday, October 20th , which is still in effect. Releases are made for the authorized purposes of the Navajo Unit, and to attempt to maintain a target base flow through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell).

The San Juan River Basin Recovery Implementation Program recommends a target base flow of between 500 cfs and 1,000 cfs through the critical habitat area. The target base flow is calculated as the weekly average of gaged flows throughout the critical habitat area, therefore daily flows of less than 500 cfs may occur at some gages.

Pending significant changes in the weather and stream flow conditions, the reservoir release will likely remain at 500 cfs through this spring (2010).

Precipitation for the month of December in the San Juan River basin was about 155 percent of average. Unregulated inflow into Navajo Reservoir during the month of December was 10,000 acre-feet, or 40 percent of average. Currently, the daily reservoir inflow is averaging about 110 cfs. Diversions for NIIP have currently been shut down for the winter. The reservoir water surface elevation is at 6050.97 feet, which corresponds to a storage content of about 1,237,000 acre-feet.

A public meeting on Navajo Reservoir operations will be held on Tuesday, January 26, 2010 at 1:00 p.m. in Farmington, New Mexico. At this meeting, review of last summer and fall reservoir operations, and plans for this winter and spring 2010 operations will be discussed. These are open forum discussions on the operation of Navajo Reservoir with many interested groups participating. Anyone interested in the general operation of the reservoir is encouraged to attend. Please contact Pat Page in Reclamation's Durango, Colorado Office at (970) 385-6560 for information about these meetings or the daily operation of Navajo Reservoir.

Glen Canyon Dam / Lake Powell –The unregulated inflow volume into Lake Powell in December 2009 was 309,000 acre-feet which was 71% of average. This was about 66,000 acre-feet below the unregulated inflow volume that was projected in the December 2009 24-Month Study. For this reason, the elevation of Lake Powell at the end of December was 1.1 feet lower than what it was projected to be in the December 2009 24-Month Study which was 3627.33 feet above sea level. The end of December 2009 reservoir elevation was 3626.22 feet above sea level.

The release volume for December 2009 was 901,000 acre-feet. In January 2010 the scheduled release volume for the month is now 900,000 acre-feet which reflects a reduction in the scheduled release volume of 55,000 acre-feet. Beginning on January 13, 2010 hourly releases will peak in the late morning and late afternoon to approximately 17,500 cfs and reach the daily low hourly release rate of approximately 9,500 cfs in the early morning hours. The release volume for February is yet to be determined and will be based on snowpack conditions as well as forecasted inflows to Lake Powell. If the

Water Supply Forecast update for February remains near the current level, the most likely release volume in February will be 640,000 acre-feet but could be as high as 850,000 acre-feet if inflow forecast conditions increase significantly.

In addition to the daily fluctuation pattern, instantaneous releases from Glen Canyon Dam also fluctuate to provide approximately 40 megawatts of system regulation to maintain stable conditions within the electrical generation and transmission system. These momentary fluctuations for regulation are very short lived and typically balance out over the hour. Glen Canyon Dam also provides a level of reserve generation that can be called upon when unanticipated outages occur within the generation system. When an outage event occurs, reserve generation at Glen Canyon Dam can be called upon and this additional reserve generation is typically maintained for 2 hours or less.

The official Water Supply Forecast (April-July Unregulated Inflow Volume) for Lake Powell issued by the Colorado Basin River Forecast Center for January was 6.2 million acre-feet (maf) which is 78% of average for the period from 1971 to 2000. Based on this forecast, the January 2010 24-Month Study, with a projected water release volume of 8.23 maf pursuant to the Interim Guidelines, projects the end of water year elevation of Lake Powell to be 3638.31 feet above sea level. This projected elevation is below the Equalization Elevation for 2010 which is 3642 feet above sea level. For this reason, the January 2010 24-Month Study does not project an April adjustment to the Equalization Tier and the projected water year release from Lake Powell is 8.23 maf.

In 2010, through the implementation of the Interim Guidelines, there is still a possibility that the April 2010 24-Month Study could project the end of water year 2010 elevation of Lake Powell to be above the 2010 Equalization Elevation (3642 feet). For this to happen, the Water Supply Forecast in April for Lake Powell would have to be somewhat higher than the current level of 6.2 maf (78% of average) and more in the range of 90 to 95% of average. If this were to occur, an April adjustment to the Equalization Tier is possible and under that scenario, the water year release volume from Lake Powell could be as high as 10.8 maf.

As of early January, given the hydrologic conditions within the Colorado River Basin and the range of possible inflow scenarios that could occur in 2010, Reclamation estimates that there is now about a 21% probability that an April adjustment to the Equalization Tier will occur in April 2010. This estimate is based on many factors that are changing through time. Reclamation will update this estimated probability each month to provide stakeholders some probabilistic estimate of the possibility that Equalization will occur in water year 2010.

In 2010, through the implementation of the Interim Guidelines, it is also possible that Balancing could occur if the April 2010 24-Month Study projects the end of water year elevation of Lake Mead to be below 1075. The January 2010 24-Month Study projected the end of water year 2010 elevation of Lake Mead to be 1077.02. If this projection drops by 2 feet or more over the next 2 months such that the April 2010 24-Month Study projects an end of water year 2010 elevation of Lake Mead that is below 1075 feet,

pursuant to the Interim Guidelines the projected water year release from Lake Powell could be increased above 8.23 maf to a maximum of 9.0 maf in order to balance the storage volumes of Lake Powell with Lake Mead at the end of the water year.

Upper Colorado River Basin Hydrology

In the Upper Colorado River Basin during water year 2009, the overall precipitation accumulated through September 30, 2009 was approximately 95% of average based on the 30 year average for the period from 1971 through 2000. For water year 2010 the dry conditions have continued. Precipitation for October 2009 was 85% of average and for November, precipitation was estimated to be only 40% of average. In December 2009, the estimated precipitation above Lake Powell was 115% of average.

The Climate Prediction Center outlook (dated December 17, 2009) for temperature over the next 3 months indicates that temperatures in the northern reaches of the Upper Colorado River Basin have an increased probability of being above average. Accumulated precipitation over the next 3 months has an increased probability of being above average in the southern reaches of the Upper Colorado River Basin.

Upper Colorado River Basin Drought

The Upper Colorado River Basin continues to experience a protracted multi-year drought. Since 1999, inflow to Lake Powell has been below average in every year except water years 2005 and 2008. In the summer of 1999, Lake Powell was close to full with reservoir storage at 23.5 million acre-feet, or 97 percent of capacity. During the next 5 years (2000 through 2004) unregulated inflow to Lake Powell was well below average. This resulted in Lake Powell storage decreasing during this period to 8.0 million acre-feet (33 percent of capacity) which occurred on April 8, 2005. During 2005, 2008 and 2009, drought conditions eased somewhat with net gains in storage to Lake Powell. As of January 12, 2010 the storage in Lake Powell was 14.23 million acre-feet (58.53 percent of capacity) which is still below desired levels while the overall reservoir storage in the Colorado River Basin as of January 12, 2010 is 33.0 million acre-feet (55.54 percent of capacity).

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-280
125 SOUTH STATE STREET, ROOM 6107
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-5571

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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:	Obs			nov	Forecast				
:	sep	oct	nov	dec	%Avg	jan	feb	mar	apr-jul %Avg
GLDA3:Lake Powell	262	342	418	309	71%:	330/	325/	525/	6200/: 78%
GBRW4:Fontenelle	37	48	42	31	94%:	32/	26/	40/	620/: 72%
GRNU1:Flaming Gorge	45	45	47	19.0	48%:	37/	33/	59/	770/: 65%
BMDC2:Blue Mesa	26	33	27	21	81%:	24/	20/	28/	575/: 80%
MPSC2:Morrow Point	27	34	29	22	78%:	26/	23/	32/	625/: 80%
CLSC2:Crystal	29	36	32	25	75%:	30/	27/	37/	700/: 77%
TPIC2:Taylor Park	6.2	6.7	4.7	3.9	84%:	4/	3.5/	3.5/	85/: 83%
VCRC2:Vallecito	7.6	8.2	4.4	3.7	61%:	4/	3/	5/	175/: 85%
NVRN5:Navajo	5.2	15.2	13.7	10.0	40%:	15/	20/	65/	700/: 89%
LEMC2:Lemon	1.57	1.07	0.77	0.61	54%:	0.6/	0.5/	0.9/	50/: 86%
MPHC2:McPhee	6.7	3.1	2.2	2.5	55%:	3/	3.5/	15/	270/: 84%
RBSC2:Ridgway	6.3	6.9	5.6	3.4	79%:	/	/	/	85/: 83%

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Fontenelle Reservoir

		Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Jan 2009	33	1	61	0	61	6476.93	151
H	Feb 2009	27	0	53	0	53	6471.15	124
I	Mar 2009	46	0	59	0	59	6467.98	111
S	Apr 2009	91	1	57	0	57	6475.63	145
T	May 2009	152	1	62	1	64	6490.46	231
O	Jun 2009	477	3	91	285	376	6504.01	330
R	Jul 2009	247	3	88	145	233	6505.36	341
I	Aug 2009	72	2	98	6	104	6500.99	306
C	Sep 2009	37	2	66	0	66	6496.84	276
	WY 2009	1295	15	773	485	1258		
A	Oct 2009	48	1	51	11	62	6494.68	260
L	Nov 2009	42	1	0	62	62	6491.61	239
*	Dec 2009	31	1	0	70	71	6485.42	198
	Jan 2010	32	1	69	0	69	6478.80	160
	Feb 2010	26	0	63	0	63	6470.96	123
	Mar 2010	40	0	69	0	69	6463.48	93
	Apr 2010	65	1	67	0	67	6462.72	91
	May 2010	145	1	86	0	86	6476.42	148
	Jun 2010	255	2	101	0	101	6500.17	300
	Jul 2010	155	3	101	9	109	6505.67	343
	Aug 2010	72	2	89	0	89	6503.21	324
	Sep 2010	45	2	39	29	68	6499.92	298
	WY 2010	955	15	736	182	918		
	Oct 2010	49	1	54	16	71	6496.76	275
	Nov 2010	41	1	68	0	68	6492.84	247
	Dec 2010	32	1	71	0	71	6486.91	208
	Jan 2011	30	1	71	0	71	6480.05	167
	Feb 2011	28	0	64	0	64	6472.57	130
	Mar 2011	52	0	71	0	71	6467.99	111
	Apr 2011	89	1	83	0	83	6469.31	116
	May 2011	176	1	99	5	104	6483.56	187
	Jun 2011	307	2	103	90	193	6499.97	299
	Jul 2011	185	3	101	38	138	6505.65	343
	Aug 2011	82	2	100	5	105	6502.54	318
	Sep 2011	48	2	36	29	65	6500.09	300
	WY 2011	1120	15	921	183	1104		
	Oct 2011	49	1	68	0	68	6497.35	279
	Nov 2011	41	1	65	0	65	6493.89	255
	Dec 2011	32	1	68	0	68	6488.48	218

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Flaming Gorge Reservoir

	Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Yampa Flow 1000 Ac-Ft	Jensen Flow 1000 Ac-Ft
* Jan 2009	39	67	2	80	0	80	82	6019.63	2965	0	752
H Feb 2009	37	64	2	62	0	62	82	6019.63	2967	0	104
I Mar 2009	62	75	3	52	0	52	82	6020.18	2987	0	140
S Apr 2009	127	93	5	50	0	50	84	6021.21	3024	0	312
T May 2009	212	125	7	150	0	150	83	6020.33	2993	758	883
O Jun 2009	573	472	10	96	0	96	97	6029.83	3357	517	624
R Jul 2009	284	271	14	117	0	117	102	6033.29	3478	109	247
I Aug 2009	74	106	13	124	0	124	101	6032.53	3448	21	161
C Sep 2009	45	74	11	120	0	120	99	6031.12	3392	14	144
WY 2009	1564	1527	79	1065	0	1065					3709
A Oct 2009	45	59	7	109	0	109	96	6029.69	3337	0	152
L Nov 2009	47	67	4	104	0	104	95	6028.67	3298	0	0
* Dec 2009	19	59	2	107	1	108	93	6027.38	3249	0	505
Jan 2010	37	74	2	108	0	108	92	6026.49	3216	0	108
Feb 2010	33	70	2	97	0	97	90	6025.73	3187	0	97
Mar 2010	59	88	3	90	0	90	90	6025.61	3183	0	90
Apr 2010	100	102	5	86	0	86	91	6025.90	3193	0	86
May 2010	200	141	8	146	0	146	90	6025.57	3181	0	146
Jun 2010	300	146	10	176	0	176	89	6024.53	3143	0	176
Jul 2010	170	124	13	100	0	100	89	6024.83	3154	0	100
Aug 2010	82	99	12	100	0	100	89	6024.49	3141	0	100
Sep 2010	54	77	11	97	0	97	87	6023.70	3113	0	97
WY 2010	1146	1109	78	1320	1	1321					1657
Oct 2010	59	81	7	100	0	100	86	6023.02	3088	0	100
Nov 2010	51	78	3	97	0	97	86	6022.43	3066	0	97
Dec 2010	36	75	2	100	0	100	85	6021.71	3040	0	100
Jan 2011	41	81	2	100	0	100	84	6021.16	3021	0	100
Feb 2011	45	82	2	90	0	90	83	6020.87	3010	0	90
Mar 2011	103	123	3	100	0	100	84	6021.40	3029	0	100
Apr 2011	142	136	5	97	0	97	85	6022.33	3063	0	97
May 2011	263	191	7	148	0	148	87	6023.29	3098	0	148
Jun 2011	400	286	10	181	0	181	90	6025.76	3188	0	181
Jul 2011	219	172	13	112	0	112	92	6026.97	3234	0	112
Aug 2011	96	119	12	112	0	112	92	6026.82	3228	0	112
Sep 2011	58	75	11	109	0	109	90	6025.68	3185	0	109
WY 2011	1515	1498	77	1345	0	1345					1345
Oct 2011	59	78	7	112	0	112	89	6024.60	3146	0	112
Nov 2011	51	75	3	109	0	109	87	6023.63	3110	0	109
Dec 2011	36	72	2	100	0	100	86	6022.83	3081	0	100

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Taylor Park Reservoir

		Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Jan 2009	5	5	9311.21	72
H	Feb 2009	4	5	9310.95	71
I	Mar 2009	4	5	9310.68	71
S	Apr 2009	11	5	9314.31	77
T	May 2009	46	20	9328.38	103
O	Jun 2009	37	35	9329.45	105
R	Jul 2009	14	0	9324.35	95
I	Aug 2009	7	19	9317.78	83
C	Sep 2009	6	15	9312.44	74
	WY 2009	152	126		
A	Oct 2009	7	8	9311.60	72
L	Nov 2009	5	6	9310.68	71
*	Dec 2009	4	6	9309.18	69
	Jan 2010	4	4	9309.29	69
	Feb 2010	3	4	9308.91	68
	Mar 2010	3	4	9308.57	68
	Apr 2010	9	8	9309.21	69
	May 2010	25	18	9313.53	76
	Jun 2010	37	20	9323.08	93
	Jul 2010	14	22	9318.73	85
	Aug 2010	8	22	9310.47	71
	Sep 2010	6	15	9304.60	62
	WY 2010	125	138		
	Oct 2010	6	10	9301.92	58
	Nov 2010	5	6	9301.15	57
	Dec 2010	4	5	9300.78	56
	Jan 2011	4	5	9300.19	55
	Feb 2011	4	5	9299.24	54
	Mar 2011	4	5	9298.67	53
	Apr 2011	8	8	9298.92	54
	May 2011	27	16	9306.77	65
	Jun 2011	43	20	9320.46	88
	Jul 2011	20	20	9320.68	88
	Aug 2011	10	22	9313.87	76
	Sep 2011	7	15	9308.91	68
	WY 2011	144	137		
	Oct 2011	6	10	9306.40	64
	Nov 2011	5	6	9305.70	63
	Dec 2011	4	4	9306.02	64

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Blue Mesa Reservoir

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Jan 2009	26	27	0	39	0	39	7488.62	571
H	Feb 2009	24	24	0	42	0	42	7486.19	552
I	Mar 2009	40	40	0	49	0	49	7484.97	543
S	Apr 2009	104	99	1	61	0	61	7489.84	580
T	May 2009	344	317	1	110	10	120	7513.48	776
O	Jun 2009	229	227	1	172	3	175	7519.02	826
R	Jul 2009	95	105	2	144	0	144	7514.49	785
I	Aug 2009	42	54	1	128	0	128	7505.79	710
C	Sep 2009	26	35	1	93	0	93	7498.71	651
	WY 2009	1017	1016	9	993	13	1006		
A	Oct 2009	33	34	1	81	0	81	7492.82	603
L	Nov 2009	27	28	0	28	0	28	7492.84	604
*	Dec 2009	21	23	0	47	0	47	7489.73	579
	Jan 2010	24	24	0	65	0	65	7484.31	538
	Feb 2010	20	21	0	54	0	54	7479.77	504
	Mar 2010	28	29	0	34	0	34	7478.96	498
	Apr 2010	75	74	1	46	0	46	7482.68	526
	May 2010	195	188	1	60	0	60	7498.91	652
	Jun 2010	225	208	1	56	0	56	7516.45	803
	Jul 2010	80	88	2	87	0	87	7516.40	803
	Aug 2010	47	61	1	121	0	121	7509.48	741
	Sep 2010	32	41	1	105	0	105	7501.81	676
	WY 2010	806	819	9	785	0	785		
	Oct 2010	36	39	1	62	0	62	7499.01	653
	Nov 2010	31	32	0	29	0	29	7499.36	656
	Dec 2010	25	26	0	100	0	100	7490.00	581
	Jan 2011	24	25	0	92	0	92	7481.17	515
	Feb 2011	22	23	0	60	0	60	7476.03	478
	Mar 2011	34	35	0	43	0	43	7474.83	469
	Apr 2011	73	73	1	50	0	50	7477.97	491
	May 2011	212	201	1	74	0	74	7494.55	617
	Jun 2011	271	248	1	71	0	71	7515.39	793
	Jul 2011	121	120	2	110	0	110	7516.40	803
	Aug 2011	62	74	1	122	0	122	7510.78	753
	Sep 2011	36	44	1	113	0	113	7502.61	683
	WY 2011	946	940	9	925	0	925		
	Oct 2011	36	39	1	73	0	73	7498.47	649
	Nov 2011	31	32	0	43	0	43	7497.00	637
	Dec 2011	25	25	0	80	0	80	7490.00	581

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Morrow Point Reservoir

		Unreg Inflow 1000 Ac-Ft	Blue_Mesa Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Evap losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Jan 2009	28	39	1	40	0	43	0	43	7148.12	108
H	Feb 2009	24	42	1	43	0	45	0	45	7145.98	106
I	Mar 2009	42	49	2	51	0	43	6	49	7147.72	107
S	Apr 2009	119	61	14	75	0	69	0	69	7155.78	114
T	May 2009	377	120	34	154	0	153	2	155	7154.23	112
O	Jun 2009	241	175	12	188	0	184	0	184	7158.19	116
R	Jul 2009	97	144	2	146	0	148	0	148	7155.33	113
I	Aug 2009	42	128	0	128	0	129	0	129	7154.90	113
C	Sep 2009	27	93	1	94	0	100	0	100	7146.95	107
	WY 2009	1088	1006	70	1077	1	1074	8	1083		
A	Oct 2009	34	81	1	82	0	81	0	81	7148.23	108
L	Nov 2009	29	28	2	30	0	27	0	27	7152.38	111
*	Dec 2009	22	47	1	48	0	47	0	47	7153.12	112
	Jan 2010	26	65	2	67	0	67	0	67	7153.73	112
	Feb 2010	23	54	3	57	0	57	0	57	7153.73	112
	Mar 2010	31	34	3	37	0	37	0	37	7153.73	112
	Apr 2010	85	46	10	56	0	56	0	56	7153.73	112
	May 2010	215	60	20	80	0	80	0	80	7153.73	112
	Jun 2010	240	56	15	71	0	71	0	71	7153.73	112
	Jul 2010	85	87	5	92	0	92	0	92	7153.73	112
	Aug 2010	51	121	4	125	0	125	0	125	7153.73	112
	Sep 2010	35	105	3	108	0	108	0	108	7153.73	112
	WY 2010	875	785	69	854	0	848	0	848		
	Oct 2010	38	62	3	65	0	65	0	65	7153.73	112
	Nov 2010	33	29	2	31	0	31	0	31	7153.73	112
	Dec 2010	27	100	2	102	0	102	0	102	7153.73	112
	Jan 2011	26	92	2	94	0	94	0	94	7153.73	112
	Feb 2011	25	60	3	63	0	63	0	63	7153.73	112
	Mar 2011	38	43	4	47	0	47	0	47	7153.73	112
	Apr 2011	84	50	11	61	0	61	0	61	7153.73	112
	May 2011	237	74	25	99	0	99	0	99	7153.73	112
	Jun 2011	292	71	21	92	0	92	0	92	7153.73	112
	Jul 2011	127	110	7	116	0	116	0	116	7153.73	112
	Aug 2011	65	122	4	126	0	126	0	126	7153.73	112
	Sep 2011	39	113	3	116	0	116	0	116	7153.73	112
	WY 2011	1032	925	86	1011	0	1011	0	1011		
	Oct 2011	38	73	3	76	0	76	0	76	7153.73	112
	Nov 2011	33	43	2	45	0	45	0	45	7153.73	112
	Dec 2011	27	80	2	82	0	82	0	82	7153.73	112

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Crystal Reservoir

	unreg Inflow 1000 Ac-Ft	Morrow Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Tunnel Flow 1000 Ac-Ft	Below_tunnel Flow 1000 Ac-Ft
* Jan 2009	31	43	4	47	38	9	47	6741.02	14	1	49
H Feb 2009	28	45	3	48	24	20	45	6752.05	17	1	46
I Mar 2009	47	49	5	55	55	0	55	6751.30	16	10	47
S Apr 2009	130	69	12	81	80	0	80	6752.70	17	36	48
T May 2009	431	155	53	208	120	88	208	6752.57	17	55	160
O Jun 2009	264	184	23	207	116	91	207	6753.30	17	59	160
R Jul 2009	104	148	7	156	128	30	158	6743.22	14	68	101
I Aug 2009	44	129	2	131	130	0	130	6746.30	15	67	72
C Sep 2009	29	100	2	102	102	0	102	6746.55	15	63	46
WY 2009	1209	1083	121	1204	964	238	1202			416	857
A Oct 2009	36	81	3	84	72	10	82	6751.89	17	49	36
L Nov 2009	32	27	3	29	31	0	31	6747.51	15	1	31
* Dec 2009	25	47	3	51	52	0	52	6743.59	14	1	53
Jan 2010	30	67	4	71	68	0	68	6753.04	17	0	68
Feb 2010	27	57	4	61	61	0	61	6753.04	17	0	61
Mar 2010	37	37	6	43	43	0	43	6753.04	17	5	38
Apr 2010	95	56	10	66	66	0	66	6753.04	17	30	36
May 2010	245	80	30	110	110	0	110	6753.04	17	55	55
Jun 2010	265	71	25	96	96	0	96	6753.04	17	60	36
Jul 2010	95	92	10	102	102	0	102	6753.04	17	65	37
Aug 2010	57	125	6	131	131	0	131	6753.04	17	65	66
Sep 2010	40	108	5	113	113	0	113	6753.04	17	55	58
WY 2010	984	848	108	957	944	10	955			385	575
Oct 2010	44	65	6	71	71	0	71	6753.04	17	30	41
Nov 2010	38	31	5	36	36	0	36	6753.04	17	0	36
Dec 2010	32	102	5	107	107	0	107	6753.04	17	0	107
Jan 2011	31	94	5	99	99	0	99	6753.04	17	0	99
Feb 2011	29	63	4	67	67	0	67	6753.04	17	0	67
Mar 2011	46	47	7	54	54	0	54	6753.04	17	5	49
Apr 2011	96	61	12	73	73	0	73	6753.04	17	30	43
May 2011	272	99	35	134	134	0	134	6753.04	17	55	79
Jun 2011	330	92	38	130	130	0	130	6753.04	17	60	70
Jul 2011	144	116	17	133	133	0	133	6753.04	17	65	68
Aug 2011	74	126	8	134	134	0	134	6753.04	17	65	69
Sep 2011	45	116	6	122	122	0	122	6753.04	17	55	67
WY 2011	1183	1011	150	1161	1161	0	1161			365	796
Oct 2011	44	76	6	82	82	0	82	6753.04	17	30	52
Nov 2011	38	45	5	51	51	0	51	6753.04	17	0	51
Dec 2011	32	82	5	87	87	0	87	6753.04	17	0	87

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Vallecito Reservoir

		Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Jan 2009	5	2	7644.39	74
H	Feb 2009	5	2	7645.61	77
I	Mar 2009	8	4	7647.33	81
S	Apr 2009	22	10	7652.11	92
T	May 2009	98	66	7664.50	124
O	Jun 2009	44	43	7664.64	124
R	Jul 2009	19	39	7656.79	104
I	Aug 2009	8	39	7643.59	72
C	Sep 2009	8	30	7632.32	49
	WY 2009	237	254		
A	Oct 2009	8	13	7629.82	44
L	Nov 2009	4	3	7630.41	45
*	Dec 2009	4	3	7630.60	46
	Jan 2010	4	3	7631.07	47
	Feb 2010	3	3	7631.14	47
	Mar 2010	5	3	7632.09	49
	Apr 2010	15	3	7638.10	60
	May 2010	60	30	7651.15	90
	Jun 2010	75	42	7663.93	123
	Jul 2010	25	43	7656.84	104
	Aug 2010	17	39	7647.60	81
	Sep 2010	16	29	7641.57	68
	WY 2010	236	214		
	Oct 2010	14	20	7638.28	61
	Nov 2010	8	6	7639.38	63
	Dec 2010	6	5	7640.02	64
	Jan 2011	5	5	7640.25	65
	Feb 2011	5	4	7640.42	65
	Mar 2011	8	5	7641.94	68
	Apr 2011	22	12	7646.27	78
	May 2011	69	43	7656.93	104
	Jun 2011	78	61	7663.24	121
	Jul 2011	31	43	7658.40	108
	Aug 2011	19	39	7650.20	87
	Sep 2011	17	29	7644.88	75
	WY 2011	282	271		
	Oct 2011	14	19	7642.42	70
	Nov 2011	8	6	7643.46	72
	Dec 2011	6	5	7644.06	73

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Navajo Reservoir

		Mod_Unreg Inflow 1000 Ac-Ft	Azetea Tunnel_Div 1000 Ac-Ft	Reg Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	NIIP Diversion 1000 ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Farm Flow 1000 Ac-Ft
*	Jan 2009	23	0	20	1	1	32	6053.29	1264	54
H	Feb 2009	28	1	24	1	0	28	6052.85	1260	50
I	Mar 2009	76	6	65	2	5	31	6055.13	1288	61
S	Apr 2009	125	19	97	2	19	30	6058.76	1337	69
T	May 2009	361	52	275	4	29	59	6072.47	1515	251
O	Jun 2009	146	24	120	5	36	115	6069.92	1479	184
R	Jul 2009	29	4	43	5	43	53	6065.70	1422	77
I	Aug 2009	-11	0	20	4	42	49	6059.96	1347	64
C	Sep 2009	5	0	28	3	22	37	6057.30	1314	52
	WY 2009	850	106	760	28	210	529			1002
A	Oct 2009	15	0	21	2	13	37	6054.76	1283	51
L	Nov 2009	14	0	13	1	0	29	6053.34	1265	49
*	Dec 2009	10	0	10	1	0	29	6051.63	1245	48
	Jan 2010	15	0	14	1	0	31	6050.17	1227	31
	Feb 2010	20	0	20	1	0	28	6049.41	1219	28
	Mar 2010	65	4	60	1	4	31	6051.37	1242	31
	Apr 2010	140	11	117	2	16	30	6057.04	1311	30
	May 2010	265	28	207	4	28	31	6068.17	1455	31
	Jun 2010	250	34	183	5	43	30	6075.69	1561	30
	Jul 2010	45	11	52	5	45	31	6073.69	1532	31
	Aug 2010	31	11	42	4	38	39	6070.92	1493	39
	Sep 2010	36	3	46	3	21	43	6069.38	1472	43
	WY 2010	906	102	783	29	210	387			439
	Oct 2010	40	2	46	2	8	31	6069.78	1477	31
	Nov 2010	33	0	30	1	0	30	6069.74	1477	30
	Dec 2010	24	0	22	1	0	31	6069.07	1468	31
	Jan 2011	22	0	21	1	0	31	6068.33	1458	31
	Feb 2011	30	0	30	1	0	28	6068.39	1458	28
	Mar 2011	88	2	83	2	4	61	6069.53	1474	61
	Apr 2011	174	16	148	3	17	60	6074.42	1543	60
	May 2011	279	33	219	4	29	200	6073.44	1529	200
	Jun 2011	246	29	200	5	44	212	6069.11	1468	212
	Jul 2011	74	7	79	5	47	31	6068.88	1465	31
	Aug 2011	43	3	61	4	40	31	6067.88	1451	31
	Sep 2011	42	1	53	3	22	30	6067.75	1450	30
	WY 2011	1096	93	992	30	210	775			775
	Oct 2011	40	1	44	2	8	31	6068.06	1454	31
	Nov 2011	33	0	30	1	0	30	6068.02	1453	30
	Dec 2011	24	0	22	1	0	31	6067.35	1444	31

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Lake Powell

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	PowerPlant Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Bank Storage 1000 Ac-Ft	EOM Storage 1000 Ac-Ft	Lees Ferry 1000 Ac-Ft
*	Jan 2009	329	394	9	802	0	802	3614.17	17318	13155	822
H	Feb 2009	323	377	9	602	0	602	3612.05	17300	12938	612
I	Mar 2009	470	445	16	626	0	626	3610.43	17268	12774	632
S	Apr 2009	788	669	25	604	0	604	3611.26	17224	12858	611
T	May 2009	2921	2446	31	582	0	582	3629.09	17163	14751	586
O	Jun 2009	2701	2217	54	664	0	664	3640.49	17353	16061	670
R	Jul 2009	1394	1219	67	803	0	803	3641.14	17625	16138	828
I	Aug 2009	323	536	66	802	0	802	3637.50	17721	15710	829
C	Sep 2009	261	466	59	598	0	598	3635.37	17777	15463	613
	WY 2009	10623	10107	437	8236	0	8236				8396
A	Oct 2009	342	508	41	620	0	620	3633.52	17836	15251	634
L	Nov 2009	418	492	39	692	0	692	3631.10	17872	14976	702
*	Dec 2009	309	437	30	901	0	901	3626.22	17920	14434	925
	Jan 2010	330	454	21	900	0	900	3622.23	17886	14001	900
	Feb 2010	325	431	20	640	0	640	3620.25	17869	13789	640
	Mar 2010	525	536	25	600	0	600	3619.47	17862	13707	600
	Apr 2010	850	724	28	600	0	600	3620.31	17869	13796	600
	May 2010	1900	1533	39	600	0	600	3627.94	17935	14624	600
	Jun 2010	2500	2063	47	600	0	600	3639.42	18040	15935	600
	Jul 2010	950	928	55	800	0	800	3640.00	18046	16003	800
	Aug 2010	455	604	56	800	0	800	3638.02	18027	15770	800
	Sep 2010	415	562	49	477	0	477	3638.31	18030	15804	477
	WY 2010	9319	9273	449	8230	0	8230				8278
	Oct 2010	514	581	44	493	0	493	3638.65	18033	15845	493
	Nov 2010	523	564	36	800	0	800	3636.49	18013	15593	800
	Dec 2010	414	560	30	1040	0	1040	3632.37	17975	15120	1040
	Jan 2011	384	520	22	1050	0	1050	3627.81	17934	14609	1050
	Feb 2011	394	475	20	1000	0	1000	3623.19	17894	14104	1000
	Mar 2011	628	612	25	1000	0	1000	3619.61	17863	13722	1000
	Apr 2011	950	800	28	1045	0	1045	3617.21	17843	13469	1045
	May 2011	2161	1891	38	1100	0	1100	3623.76	17899	14166	1100
	Jun 2011	2811	2431	46	1150	0	1150	3634.04	17990	15310	1150
	Jul 2011	1346	1238	53	1275	0	1275	3633.31	17984	15226	1275
	Aug 2011	566	672	54	1201	0	1201	3628.51	17940	14687	1201
	Sep 2011	460	597	46	595	0	595	3628.15	17937	14647	595
	WY 2011	11151	10941	442	11749	0	11749				11749
	Oct 2011	514	604	42	615	0	615	3627.71	17933	14598	615
	Nov 2011	523	591	34	600	0	600	3627.35	17930	14558	600
	Dec 2011	414	540	29	800	0	800	3624.90	17909	14290	800

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Hoover Dam - Lake Mead

	Glen Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	SNWP Use 1000 Ac-Ft	Dwnstrm Reqmnts 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
* Jan 2009	802	63	34	741	12.1	9	739	817	1111.78	12572
H Feb 2009	602	82	31	679	12.2	9	669	815	1111.43	12539
I Mar 2009	626	62	34	1037	16.9	17	1036	791	1107.40	12164
S Apr 2009	604	36	42	1174	19.7	20	1169	754	1101.26	11604
T May 2009	582	63	47	977	15.9	33	968	729	1096.92	11217
O Jun 2009	664	11	56	750	12.6	25	748	720	1095.26	11071
R Jul 2009	803	38	70	840	13.7	30	838	714	1094.20	10978
I Aug 2009	802	59	74	801	13.0	30	792	711	1093.73	10938
C Sep 2009	598	55	61	575	9.7	22	570	711	1093.68	10933
WY 2009	8236	651	585	9210		242	9119			
A Oct 2009	620	23	44	613	10.0	25	608	708	1093.26	10897
L Nov 2009	692	39	44	648	10.9	15	647	710	1093.52	10919
* Dec 2009	901	51	39	646	10.5	9	629	726	1096.30	11162
Jan 2010	900	130	32	732	11.9	22	732	741	1098.90	11392
Feb 2010	640	134	29	691	12.4	23	691	742	1099.21	11421
Mar 2010	600	96	33	1014	16.5	30	1014	719	1095.17	11063
Apr 2010	600	74	40	1069	18.0	24	1069	691	1090.20	10633
May 2010	600	69	45	1040	16.9	34	1040	664	1085.23	10210
Jun 2010	600	24	53	892	15.0	31	892	642	1081.26	9880
Jul 2010	800	61	66	913	14.8	33	913	633	1079.54	9738
Aug 2010	800	110	70	818	13.3	34	818	632	1079.40	9727
Sep 2010	477	79	57	676	11.4	29	676	620	1077.02	9533
WY 2010	8230	891	552	9751		309	9729			
Oct 2010	493	73	41	497	8.1	41	497	619	1076.87	9520
Nov 2010	800	73	42	549	9.2	30	549	634	1079.77	9757
Dec 2010	1040	65	37	481	7.8	24	481	669	1086.12	10285
Jan 2011	1050	130	31	675	11.0	20	675	696	1091.14	10713
Feb 2011	1000	134	29	676	12.2	19	676	721	1095.56	11097
Mar 2011	1000	96	33	1010	16.4	27	1010	723	1095.85	11122
Apr 2011	1045	74	40	1141	19.2	24	1141	718	1094.93	11042
May 2011	1100	69	46	1011	16.4	33	1011	722	1095.77	11115
Jun 2011	1150	24	56	900	15.1	31	900	734	1097.76	11291
Jul 2011	1275	61	71	899	14.6	33	899	754	1101.24	11603
Aug 2011	1201	110	77	802	13.0	34	802	778	1105.35	11976
Sep 2011	595	79	64	615	10.3	29	615	776	1105.00	11944
WY 2011	11749	988	568	9256		346	9256			
Oct 2011	615	73	47	468	7.6	38	468	785	1106.39	12071
Nov 2011	600	73	47	616	10.4	27	616	784	1106.21	12055
Dec 2011	800	65	41	445	7.2	21	445	805	1109.84	12391

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Davis Dam - Lake Mohave

		Hoover Release 1000 Ac-Ft	Side inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Spill Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
*	Jan 2009	741	-15	655	0	655	10.6	641.08	1647
H	Feb 2009	679	-8	629	0	629	11.3	642.29	1679
I	Mar 2009	1037	-14	1035	0	1035	16.8	641.38	1655
S	Apr 2009	1174	-14	1097	0	1097	18.4	643.11	1702
T	May 2009	977	-5	916	0	916	14.9	644.36	1736
O	Jun 2009	750	-3	788	0	788	13.2	641.92	1669
R	Jul 2009	840	5	835	0	835	13.6	641.37	1654
I	Aug 2009	801	-8	756	0	756	12.3	641.90	1669
C	Sep 2009	575	2	726	0	726	12.2	635.60	1501
	WY 2009	9210	-123	9008	0	9008			
A	Oct 2009	613	-8	623	0	623	10.1	634.34	1469
L	Nov 2009	648	-15	590	0	590	9.9	635.61	1502
*	Dec 2009	646	-24	532	0	532	8.7	638.68	1582
	Jan 2010	732	-13	606	0	606	9.9	642.50	1685
	Feb 2010	691	-5	677	0	677	12.2	642.50	1685
	Mar 2010	1014	-13	972	0	972	15.8	643.05	1700
	Apr 2010	1069	-11	1042	0	1042	17.5	643.00	1699
	May 2010	1040	-13	1005	0	1005	16.3	643.00	1699
	Jun 2010	892	-2	892	0	892	15.0	642.00	1671
	Jul 2010	913	2	903	0	903	14.7	641.50	1658
	Aug 2010	818	-2	793	0	793	12.9	641.50	1658
	Sep 2010	676	2	753	0	753	12.7	638.00	1564
	WY 2010	9751	-102	9388	0	9388			
	Oct 2010	497	10	623	0	623	10.1	633.00	1434
	Nov 2010	549	-7	480	0	480	8.1	635.00	1486
	Dec 2010	481	-10	365	0	365	5.9	638.71	1583
	Jan 2011	675	-13	570	0	570	9.3	641.80	1666
	Feb 2011	676	-5	662	0	662	11.9	641.80	1666
	Mar 2011	1010	-13	950	0	950	15.4	643.05	1700
	Apr 2011	1141	-11	1114	0	1114	18.7	643.00	1699
	May 2011	1011	-13	976	0	976	15.9	643.00	1699
	Jun 2011	900	-2	900	0	900	15.1	642.00	1671
	Jul 2011	899	2	890	0	890	14.5	641.50	1658
	Aug 2011	802	-2	778	0	778	12.6	641.50	1658
	Sep 2011	615	2	692	0	692	11.6	638.00	1564
	WY 2011	9256	-63	8997	0	8997			
	Oct 2011	468	10	594	0	594	9.7	633.00	1434
	Nov 2011	616	-7	547	0	547	9.2	635.00	1486
	Dec 2011	445	-10	329	0	329	5.3	638.71	1583

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Parker Dam - Lake Havasu

		Davis Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	MWD Diversion 1000 Ac-Ft	CAP diversion 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft	Flow_to Mexico 1000 Ac-Ft	Flow_to Mexico 1000 CFS
*	Jan 2009	655	3	379	6.2	100	171	446.67	555	121	2.0
H	Feb 2009	629	15	397	7.2	82	162	446.08	544	162	2.9
I	Mar 2009	1035	11	736	12.0	99	180	446.75	557	208	3.4
S	Apr 2009	1097	15	784	13.2	97	172	448.75	595	205	3.4
T	May 2009	916	20	647	10.5	101	165	448.71	594	122	2.0
O	Jun 2009	788	20	595	10.0	98	94	448.49	590	113	1.9
R	Jul 2009	835	17	655	10.6	100	75	448.11	582	120	2.0
I	Aug 2009	756	24	582	9.5	100	70	448.19	584	101	1.6
C	Sep 2009	726	21	505	8.5	96	143	447.16	564	93	1.6
	WY 2009	9008	180	6347		1070	1602			1584	
A	Oct 2009	623	17	446	7.2	26	133	448.03	581	77	1.2
L	Nov 2009	590	32	365	6.1	107	144	447.61	573	103	1.7
*	Dec 2009	532	27	300	4.9	104	149	447.34	568	135	2.2
	Jan 2010	606	35	359	5.8	95	183	447.00	561	119	1.9
	Feb 2010	677	39	442	8.0	98	162	447.00	561	153	2.8
	Mar 2010	972	44	712	11.6	109	183	446.70	555	208	3.4
	Apr 2010	1042	14	775	13.0	46	177	448.71	594	200	3.4
	May 2010	1005	8	697	11.3	109	183	448.71	594	113	1.8
	Jun 2010	892	3	670	11.3	106	90	448.71	594	112	1.9
	Jul 2010	903	12	716	11.7	109	72	448.00	580	118	1.9
	Aug 2010	793	17	614	10.0	109	67	447.50	571	92	1.5
	Sep 2010	753	14	529	8.9	80	147	446.81	557	89	1.5
	WY 2010	9388	263	6625		1097	1690			1520	
	Oct 2010	623	25	442	7.2	83	113	446.31	548	74	1.2
	Nov 2010	480	27	371	6.2	44	74	446.50	552	103	1.7
	Dec 2010	365	21	281	4.6	7	87	446.50	552	118	1.9
	Jan 2011	570	35	341	5.5	83	169	446.50	552	119	1.9
	Feb 2011	662	39	452	8.1	75	160	446.50	552	149	2.7
	Mar 2011	950	44	718	11.7	84	170	446.70	555	206	3.4
	Apr 2011	1114	14	820	13.8	81	168	448.71	594	200	3.4
	May 2011	976	8	699	11.4	84	175	448.71	594	113	1.8
	Jun 2011	900	3	664	11.2	81	128	448.71	594	115	1.9
	Jul 2011	890	12	722	11.7	83	79	448.00	580	119	1.9
	Aug 2011	778	17	625	10.2	83	66	447.50	571	93	1.5
	Sep 2011	692	14	539	9.1	61	95	446.81	557	89	1.5
	WY 2011	8997	259	6674		848	1484			1498	
	Oct 2011	594	25	447	7.3	24	138	446.31	548	74	1.2
	Nov 2011	547	27	360	6.1	24	171	446.50	552	103	1.7
	Dec 2011	329	21	296	4.8	25	19	446.50	552	119	1.9

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T E M R E S E R V O I R S

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Hoover Dam - Lake Mead

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Hoover Static Head Feet	Hoover Generator Capacity MW	Hoover Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Jan 2009	741	12.1	1111.78	12572	76	0.00	1305.0	299.0	75	403.3
H	Feb 2009	679	12.2	1111.43	12539	-33	0.00	1415.0	263.8	81	388.5
I	Mar 2009	1037	16.9	1107.40	12164	-376	0.00	950.0	415.9	55	401.2
S	Apr 2009	1174	19.7	1101.26	11604	-560	0.00	1284.0	474.0	76	403.7
T	May 2009	977	15.9	1096.92	11217	-387	0.00	1411.0	381.7	85	390.6
O	Jun 2009	750	12.6	1095.26	11071	-146	0.00	1641.0	287.2	100	383.1
R	Jul 2009	840	13.7	1094.20	10978	-93	0.00	1640.0	324.9	100	386.9
I	Aug 2009	801	13.0	1093.73	10938	-41	0.00	1648.0	307.5	100	383.8
C	Sep 2009	574	9.7	1093.68	10933	-4	0.00	1656.0	215.3	100	374.9
	WY 2009	9210							3592.3		
A	Oct 2009	613	10.0	1093.26	10897	-37	0.00	1158.0	235.5	70	384.4
L	Nov 2009	648	10.9	1093.52	10919	23	0.00	1358.0	251.9	82	388.7
*	Dec 2009	646	10.5	1096.30	11162	243	0.00	1037.0	248.8	63	385.3
	Jan 2010	732	11.9	1098.90	11392	230	449.52	1050.0	298.2	63	407.6
	Feb 2010	691	12.4	1099.21	11421	28	449.65	1078.0	283.5	64	410.0
	Mar 2010	1014	16.5	1095.17	11063	-357	445.77	1360.0	408.0	81	402.5
	Apr 2010	1069	18.0	1090.20	10633	-430	440.46	1461.0	428.5	87	401.0
	May 2010	1040	16.9	1085.23	10210	-422	434.82	1575.0	406.6	94	390.8
	Jun 2010	892	15.0	1081.26	9880	-330	430.06	1685.0	344.2	100	386.1
	Jul 2010	913	14.8	1079.54	9738	-141	427.74	1697.0	350.0	100	383.5
	Aug 2010	818	13.3	1079.40	9727	-11	426.98	1712.0	316.2	100	386.4
	Sep 2010	676	11.4	1077.02	9533	-194	426.87	1707.0	256.3	100	379.1
	WY 2010	9751							3827.7		
	Oct 2010	497	8.1	1076.87	9520	-13	429.71	1401.0	191.5	81	385.4
	Nov 2010	549	9.2	1079.77	9757	237	432.79	1387.0	209.7	81	382.3
	Dec 2010	481	7.8	1086.12	10285	528	434.82	1512.0	186.5	87	387.4
	Jan 2011	675	11.0	1091.14	10713	427	438.98	1403.0	263.4	80	390.2
	Feb 2011	676	12.2	1095.56	11097	384	441.89	1528.0	268.4	87	396.9
	Mar 2011	1010	16.4	1095.85	11122	25	443.81	1511.0	402.6	88	398.5
	Apr 2011	1141	19.2	1094.93	11042	-80	442.43	1591.0	461.4	94	404.5
	May 2011	1011	16.4	1095.77	11115	74	441.74	1670.0	398.1	100	393.8
	Jun 2011	900	15.1	1097.76	11291	176	443.47	1670.0	358.2	100	398.1
	Jul 2011	899	14.6	1101.24	11603	312	446.68	1670.0	358.8	100	399.0
	Aug 2011	802	13.0	1105.35	11976	373	450.61	1670.0	325.4	100	405.6
	Sep 2011	615	10.3	1105.00	11944	-32	453.62	1670.0	247.1	100	402.0
	WY 2011	9256							3671.1		
	Oct 2011	468	7.6	1106.39	12071	127	458.28	1359.5	188.7	81	403.5
	Nov 2011	616	10.4	1106.21	12055	-16	460.60	1347.5	252.6	81	410.0
	Dec 2011	445	7.2	1109.84	12391	336	459.75	1455.4	178.7	87	401.1

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Davis Dam - Lake Mohave

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Davis Static Head Feet	Davis Generator Capacity MW	Davis Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Jan 2009	655	10.6	641.08	1647	62	0.00	155.6	80.8	61	123.4
H	Feb 2009	629	11.3	642.29	1679	33	0.00	193.8	79.3	76	126.1
I	Mar 2009	1035	16.8	641.38	1655	-25	0.00	255.0	121.2	100	117.1
S	Apr 2009	1097	18.4	643.11	1702	47	0.00	255.0	135.7	100	123.7
T	May 2009	916	14.9	644.36	1736	34	0.00	255.0	115.6	100	126.3
O	Jun 2009	788	13.2	641.92	1669	-67	0.00	255.0	99.5	100	126.2
R	Jul 2009	835	13.6	641.37	1654	-15	0.00	255.0	101.8	100	121.9
I	Aug 2009	756	12.3	641.90	1669	14	0.00	255.0	94.4	100	124.8
C	Sep 2009	726	12.2	635.60	1501	-167	0.00	255.0	89.2	100	122.8
	WY 2009	9008							1106.2		
A	Oct 2009	623	10.1	634.34	1469	-33	0.00	216.8	74.2	85	119.1
L	Nov 2009	590	9.9	635.61	1502	33	0.00	186.2	70.9	73	120.3
*	Dec 2009	532	8.7	638.68	1582	81	0.00	188.7	65.9	74	123.8
	Jan 2010	606	9.9	642.50	1685	103	134.97	204.0	75.7	80	124.9
	Feb 2010	677	12.2	642.50	1685	0	136.49	219.3	85.1	86	125.7
	Mar 2010	972	15.8	643.05	1700	15	135.81	255.0	121.4	100	124.8
	Apr 2010	1042	17.5	643.00	1699	-2	136.07	255.0	129.8	100	124.5
	May 2010	1005	16.3	643.00	1699	0	136.04	255.0	125.5	100	124.9
	Jun 2010	892	15.0	642.00	1671	-27	135.51	255.0	111.3	100	124.8
	Jul 2010	903	14.7	641.50	1658	-14	134.73	255.0	112.2	100	124.3
	Aug 2010	793	12.9	641.50	1658	0	134.46	255.0	98.9	100	124.6
	Sep 2010	753	12.7	638.00	1564	-94	132.63	255.0	92.7	100	123.1
	WY 2010	9388							1163.6		
	Oct 2010	623	10.1	633.00	1434	-130	128.65	237.2	74.8	93	120.2
	Nov 2010	480	8.1	635.00	1486	51	127.14	234.6	57.4	92	119.6
	Dec 2010	365	5.9	638.71	1583	97	130.00	239.7	44.9	94	123.1
	Jan 2011	570	9.3	641.80	1666	83	134.16	219.3	71.1	86	124.8
	Feb 2011	662	11.9	641.80	1666	0	135.05	244.8	82.9	96	125.2
	Mar 2011	950	15.4	643.05	1700	34	135.44	255.0	118.3	100	124.6
	Apr 2011	1114	18.7	643.00	1699	-2	136.07	255.0	138.4	100	124.2
	May 2011	976	15.9	643.00	1699	0	136.04	255.0	122.0	100	125.0
	Jun 2011	900	15.1	642.00	1671	-27	135.51	255.0	112.3	100	124.8
	Jul 2011	890	14.5	641.50	1658	-14	134.73	255.0	110.6	100	124.3
	Aug 2011	778	12.6	641.50	1658	0	134.46	255.0	96.9	100	124.7
	Sep 2011	692	11.6	638.00	1564	-94	132.63	255.0	85.4	100	123.5
	WY 2011	8997							1115.0		
	Oct 2011	594	9.7	633.00	1434	-130	128.65	237.2	71.4	93	120.4
	Nov 2011	547	9.2	635.00	1486	51	127.14	234.6	65.2	92	119.2
	Dec 2011	329	5.3	638.71	1583	97	130.00	239.7	40.5	94	123.3

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Parker Dam - Lake Havasu

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Parker Static Head Feet	Parker Generator Capacity MW	Parker Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Jan 2009	379	6.2	446.67	555	-3	0.00	78.0	25.9	65	68.2
H	Feb 2009	397	7.2	446.08	544	-11	0.00	90.0	27.2	75	68.5
I	Mar 2009	736	12.0	446.75	556	12	0.00	87.6	49.2	73	66.8
S	Apr 2009	784	13.2	448.75	595	38	0.00	111.6	53.8	93	68.6
T	May 2009	647	10.5	448.71	594	-1	0.00	120.0	44.9	100	69.4
O	Jun 2009	595	10.0	448.49	590	-4	0.00	120.0	41.3	100	69.5
R	Jul 2009	655	10.6	448.11	582	-7	0.00	120.0	43.4	100	66.3
I	Aug 2009	582	9.5	448.19	584	2	0.00	118.8	39.9	99	68.6
C	Sep 2009	505	8.5	447.16	564	-19	0.00	87.6	35.0	73	69.2
	WY 2009	6347							433.2		
A	Oct 2009	446	7.2	448.03	581	16	0.00	90.0	30.5	75	68.5
L	Nov 2009	365	6.1	447.61	573	-8	0.00	66.0	25.9	55	71.0
*	Dec 2009	300	4.9	447.34	568	-5	0.00	76.8	20.2	64	67.3
	Jan 2010	359	5.8	447.00	561	-6	77.39	66.0	23.8	55	66.2
	Feb 2010	442	8.0	447.00	561	0	75.81	90.0	29.1	75	65.7
	Mar 2010	712	11.6	446.70	555	-6	75.66	90.0	47.4	75	66.5
	Apr 2010	775	13.0	448.71	594	38	76.49	90.0	52.3	75	67.4
	May 2010	697	11.3	448.71	594	0	76.06	120.0	46.4	100	66.5
	Jun 2010	670	11.3	448.71	594	0	76.06	120.0	44.5	100	66.5
	Jul 2010	716	11.7	448.00	580	-14	75.72	120.0	47.5	100	66.3
	Aug 2010	614	10.0	447.50	571	-10	75.13	120.0	40.2	100	65.5
	Sep 2010	529	8.9	446.81	557	-13	74.55	120.0	34.3	100	64.8
	WY 2010	6625							441.9		
	Oct 2010	442	7.2	446.31	548	-9	73.97	120.0	28.2	100	63.9
	Nov 2010	371	6.2	446.50	552	3	75.04	93.6	23.9	78	64.4
	Dec 2010	281	4.6	446.50	552	0	74.66	103.2	17.6	86	62.8
	Jan 2011	341	5.5	446.50	552	0	75.01	96.0	21.8	80	63.9
	Feb 2011	452	8.1	446.50	552	0	74.71	102.0	29.3	85	64.9
	Mar 2011	718	11.7	446.70	555	4	74.01	120.0	46.6	100	65.0
	Apr 2011	820	13.8	448.71	594	38	75.09	120.0	54.2	100	66.1
	May 2011	699	11.4	448.71	594	0	76.06	120.0	46.5	100	66.5
	Jun 2011	664	11.2	448.71	594	0	76.06	120.0	44.1	100	66.4
	Jul 2011	722	11.7	448.00	580	-14	75.72	120.0	47.8	100	66.3
	Aug 2011	625	10.2	447.50	571	-10	75.13	120.0	41.0	100	65.5
	Sep 2011	539	9.1	446.81	557	-13	74.55	120.0	34.9	100	64.9
	WY 2011	6674							436.0		
	Oct 2011	447	7.3	446.31	548	-9	73.97	120.0	28.6	100	63.9
	Nov 2011	360	6.1	446.50	552	3	75.04	93.6	23.2	78	64.3
	Dec 2011	296	4.8	446.50	552	0	74.66	103.2	18.6	86	63.0

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Upper Basin Power

		Glen Canyon 1000 MWHR	Flam Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Res 1000 MWHR	Font Res 1000 MWHR
*	Jan 2009	352	31	11	15	6	4
H	Feb 2009	262	24	12	15	4	3
I	Mar 2009	271	20	14	15	10	3
	Winter 2009	1840	156	81	101	50	21
S	Apr 2009	260	19	17	24	16	3
T	May 2009	256	57	33	55	23	4
O	Jun 2009	301	38	54	66	22	8
R	Jul 2009	371	47	45	53	22	8
I	Aug 2009	368	50	39	46	23	9
C	Sep 2009	275	48	28	35	20	6
	Summer 2009	1832	259	216	278	125	38
A	Oct 2009	285	44	24	28	14	4
L	Nov 2009	309	42	8	9	4	0
*	Dec 2009	403	42	13	17	9	0
	Jan 2010	373	39	19	24	12	5
	Feb 2010	264	35	16	20	11	4
	Mar 2010	247	33	10	13	7	4
	Winter 2010	1881	235	90	112	57	18
	Apr 2010	247	31	13	20	11	4
	May 2010	249	53	18	29	19	6
	Jun 2010	254	64	17	26	17	8
	Jul 2010	342	36	27	33	18	10
	Aug 2010	341	36	38	45	23	9
	Sep 2010	204	35	32	39	20	4
	Summer 2010	1637	257	146	192	107	40
	Oct 2010	210	36	19	23	12	5
	Nov 2010	341	35	9	11	6	6
	Dec 2010	440	36	30	37	19	6
	Jan 2011	441	36	27	34	17	6
	Feb 2011	416	33	17	23	12	5
	Mar 2011	413	36	12	17	9	5
	Winter 2011	2260	213	113	145	75	31
	Apr 2011	430	35	14	22	13	5
	May 2011	453	54	22	36	23	7
	Jun 2011	481	66	22	33	22	9
	Jul 2011	539	41	34	42	23	10
	Aug 2011	504	41	38	45	23	10
	Sep 2011	249	40	35	42	21	3
	Summer 2011	2655	276	165	220	126	44
	Oct 2011	257	41	22	27	14	6
	Nov 2011	250	39	13	16	9	6
	Dec 2011	333	36	24	30	15	6

model_run_id = 2045

F L O O D C O N T R O L C R I T E R I A
B E G I N N I N G O F M O N T H C O N D I T I O N S

MON	YEAR	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	LAKE POWELL KAF	UPPER BASIN TOTAL KAF	LAKE MEAD KAF	TOTAL KAF	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	TOT OR MAX ALLOW KAF	LAKE POWELL KAF	LAKE MEAD KAF	TOTAL KAF	BOM SPACE REQD KAF	MEAD SCHED REL KAF	MEAD FC REL KAF	SYS CONT MAF
		* * * * P R E D I C T E D S P A C E * * * *										* * * * C R E D I T A B L E S P A C E * * * *							
JAN	2010	646	250	451	9886	11234	16215	27449	646	250	451	1348	9886	16215	27449	5350	732	0	33.0
												* * * * E F F E C T I V E S P A C E * * * *							
JAN	2010	646	250	451	9886	11234	16215	27449	96	245	442	783	9886	16215	26884	5350	732	0	33.0
FEB	2010	718	292	469	10319	11797	15985	27781	166	286	459	911	10319	15985	27215	1500	691	0	32.7
MAR	2010	783	325	477	10531	12117	15956	28073	230	320	467	1017	10531	15956	27505	1500	1014	0	32.2
APR	2010	818	331	454	10613	12216	16314	28530	262	326	438	1026	10613	16314	27953	1500	1069	0	32.0
MAY	2010	810	304	385	10524	12023	16744	28767	248	297	351	896	10524	16744	28164	1500	1040	0	32.8
JUN	2010	764	177	241	9696	10878	17167	28045	194	162	174	530	9696	17167	27393	1500	892	0	34.1
JUL	2010	651	27	135	8385	9197	17497	26694	70	-7	21	85	8385	17497	25966	1500	913	0	34.0
												* * * * C R E D I T A B L E S P A C E * * * *							
AUG	2010	597	27	164	8317	9104	17639	26743	597	27	164	787	8317	17639	26743	1500	818	0	33.6
SEP	2010	629	88	203	8550	9470	17650	27120	629	88	203	920	8550	17650	27120	2270	676	0	33.2
OCT	2010	683	153	224	8516	9576	17844	27420	683	153	224	1060	8516	17844	27420	3040	497	0	33.0
NOV	2010	731	176	219	8475	9601	17857	27458	731	176	219	1126	8475	17857	27458	3810	549	0	33.0
DEC	2010	780	173	219	8727	9900	17620	27520	780	173	219	1173	8727	17620	27520	4580	481	0	33.0
JAN	2011	845	248	228	9200	10521	17092	27613	845	248	228	1322	9200	17092	27613	5350	675	0	32.9
												* * * * E F F E C T I V E S P A C E * * * *							
JAN	2011	845	248	228	9200	10521	17092	27613	386	248	157	792	9200	17092	27083	5350	675	0	32.9
FEB	2011	906	315	238	9711	11171	16664	27835	445	315	167	927	9711	16664	27303	1500	676	0	32.7
MAR	2011	953	352	238	10216	11759	16280	28039	490	352	165	1007	10216	16280	27503	1500	1010	0	32.4
APR	2011	954	360	222	10598	12134	16255	28389	487	360	143	990	10598	16255	27843	1500	1141	0	32.2
MAY	2011	915	338	153	10851	12257	16335	28592	441	338	55	834	10851	16335	28020	1500	1011	0	33.2
JUN	2011	809	212	167	10154	11342	16262	27604	326	212	36	573	10154	16262	26988	1500	900	0	34.8
JUL	2011	607	36	228	9010	9881	16086	25967	107	11	48	166	9010	16086	25263	1500	899	0	35.1
												* * * * C R E D I T A B L E S P A C E * * * *							
AUG	2011	517	27	231	9094	9869	15774	25643	517	27	231	775	9094	15774	25643	1500	802	0	34.8
SEP	2011	548	77	245	9633	10502	15401	25903	548	77	245	869	9633	15401	25903	2270	615	0	34.5
OCT	2011	609	147	246	9673	10675	15433	26108	609	147	246	1002	9673	15433	26108	3040	468	0	34.4
NOV	2011	669	181	242	9722	10814	15306	26120	669	181	242	1092	9722	15306	26120	3810	616	0	34.3
DEC	2011	729	193	243	9762	10927	15322	26249	729	193	243	1165	9762	15322	26249	4580	445	0	34.3

February 24-Month Study
Date: February 11, 2010

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

Reservoir	January Inflow (unregulated) (acre-feet)	Percent of Average (%)	February 10 Midnight Elevation (feet)	Reservoir Storage (acre-feet)
Fontenelle	28,000	90	6475.77	145,000
Flaming Gorge	27,000	60	6025.99	3,197,000
Blue Mesa	22,000	88	7486.28	553,000
Powell	304,000	75	3621.52	13,925,000
Navajo	14,000	62	6049.66	1,222,000

Expected Operations

The operation of Lake Powell and Lake Mead in this February 2010 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines), and reflects the 2010 Annual Operating Plan (AOP). Pursuant to the Interim Guidelines, the August 2009 24-Month Study projections of the January 1, 2010 system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead.

The operational tier for water year 2010 for the coordinated operation of Lake Powell and Lake Mead is the Upper Elevation Balancing Tier with a corresponding annual release from Lake Powell of 8.23 maf. Under this operational tier, an adjustment to the water year operation of Lake Powell can occur in April based on the April 24-Month Study projection of the September 30 system storage and reservoir water surface elevations.

The February 2010 24-Month Study, with a water year release volume from Lake Powell of 8.23 million acre-feet (maf), projects that the Lake Powell end of water year 2010 water surface elevation will be 3,634.80 feet above sea level which is below the 2010 Equalization Elevation of 3,642 feet. For this reason, the February 2010 24-Month Study projects that an April adjustment to the Equalization Tier in 2010 is not likely to occur under the currently forecasted most probable hydrologic conditions.

Basin hydrology can vary significantly through the winter and there is uncertainty in forecasting snow pack conditions. An April adjustment to the Equalization Tier is still possible if forecasted runoff conditions improve significantly between now and April. Based on analysis of recently updated possible inflow scenarios, the probability of an April adjustment to the Equalization Tier in 2010 is approximately 25 percent.

The Intentionally Created Surplus (ICS) Surplus condition is the criterion governing the operation of Lake Mead for calendar year 2010.

The Interim Guidelines are available for download at
http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The 2010 AOP is available for download at
http://www.usbr.gov/lc/region/g4000/AOP2010/AOP10.pdf

Fontenelle Reservoir – Inflows for the month of January were 28,000 acre-feet, or 91% of average. The reservoir elevation is 6477 feet above sea level and 44% of capacity. The reservoir elevation is declining and will continue to decline through the winter months until spring runoff. Inflows to Fontenelle Reservoir are currently averaging 400 cfs and releases are 980 cfs. Basin snowpack is 56% of average for this time of year.

The 2010 water supply forecast for the April to July runoff season is 525,000 acre-feet (61% of average). Inflows over the next three months are forecasted to be below average: 26,000 acre-ft, 44,000 acre-ft, and 70,000 acre-ft for February, March, and April, respectively.

The next Fontenelle Working Group meeting is scheduled for April 27, 2010 at 10:00 am at the Seedskadee National Wildlife Refuge visitor's center. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir.

Flaming Gorge Reservoir – January observed unregulated inflow into Flaming Gorge reservoir was 27,000 acre-feet (AF), or 62 percent of average inflow. The January end of month elevation was 6027.3 feet, which equates to 3.21 million acre-feet or 85 percent of live storage capacity.

Releases out of Flaming Gorge are currently fluctuating around a 1,550 cfs daily average. The final February forecast for April through July unregulated inflow into Flaming Gorge Reservoir was 57 percent of average, a decrease from 65 percent of average in January. Snowpack in the Upper Green River Basin has been hovering around 56 percent. With the current snowpack and decrease forecast, March releases will be decreased to 900 cfs daily average.

The next Flaming Gorge Working Group meeting is scheduled for April 27, 2010, in Vernal, Utah. The meeting will be held at 7:00 p.m. at the Western Park Convention Center located at 302 East 200 South in Vernal, Utah. For directions, please call 435-789-

7396. The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stake holders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations and plans presented by Reclamation at these meetings. For more information on this group and these meetings please contact Ed Vidmar at 801-379-1182.

Aspinall Reservoir Unit – January unregulated inflow into Blue Mesa Reservoir was 22,000 acre-feet or 87 percent of average. On February 12 the basin snowpack was averaging 89 percent, which is slightly up from 85 percent on January 12th. Precipitation during January was 90 percent of average, while December's precipitation was recorded at 125 percent of average. The current inflow rate into Blue Mesa Reservoir is about 400 cfs while reservoir releases are averaging about 800 cfs. This past fall and early winter months has seen below average reservoir inflows. Blue Mesa's present elevation is 7486.64 feet, which corresponds to a storage content of about 555,000 acre-feet. This elevation is about 7 feet higher than last year's elevation.

The Colorado Basin River Forecast Center's February water supply forecast for Blue Mesa for the April to July runoff season is 600,000 acre-feet (83% of average) which is an increase of 25,000 acre-feet from last month's forecast. Based on this forecast, Blue Mesa Reservoir is projected to fill by early July 2010.

Releases from Crystal are currently set at 800 cfs. The Gunnison Diversion Tunnel was shut down for the season on October 30th, with the exception of some small 50 to 100 cfs diversions taken bi-weekly for municipal water needs in Montrose, Colorado. Reservoir releases may likely change as to changes in forecasted runoff.

The last meeting of the "Aspinall Unit Working Group" was held on January 21, 2010 in Montrose, Colorado. At this meeting, review of last summer and fall reservoir operations, and plans for this winter and next spring 2010 operations were discussed. These meetings are open forum discussions on the Aspinall Unit reservoir operations with many interested groups participating. For more information about these meetings please contact Dan Crabtree in the Grand Junction Area Office at (970) 248-0652.

Navajo Reservoir – Reclamation decreased the release from Navajo Reservoir to 500 cubic feet per second (cfs) on Tuesday, October 20th , which is still in effect. Releases are made for the authorized purposes of the Navajo Unit, and to attempt to maintain a target base flow through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell).

The San Juan River Basin Recovery Implementation Program recommends a target base flow of between 500 cfs and 1,000 cfs through the critical habitat area. The target base flow is calculated as the weekly average of gauged flows throughout the critical habitat area, therefore daily flows of less than 500 cfs may occur at some gages.

Pending significant changes in the weather and stream flow conditions, the reservoir release will likely remain at 500 cfs through this spring (2010).

Precipitation for the month of January in the San Juan River basin was about 150 percent of average. Unregulated inflow into Navajo Reservoir during the month of January was 13,600 acre-feet, or 60 percent of average. Currently, the daily reservoir inflow is averaging about 300 cfs. Diversions for NIIP have currently been shut down for the winter. The reservoir water surface elevation is at 6049.70 feet, which corresponds to a storage content of about 1,222,000 acre-feet.

A public meeting on Navajo Reservoir operations will be held on Tuesday, April 27, 2010 at 1:00 p.m. in Farmington, New Mexico. At this meeting, review of last summer and fall reservoir operations, and plans for this winter and spring 2010 operations will be discussed. These are open forum discussions on the operation of Navajo Reservoir with many interested groups participating. Anyone interested in the general operation of the reservoir is encouraged to attend. Please contact Pat Page in Reclamation's Durango, Colorado Office at (970) 385-6560 for information about these meetings or the daily operation of Navajo Reservoir.

Glen Canyon Dam / Lake Powell –The unregulated inflow volume into Lake Powell in January 2010 was just below what was forecasted at the beginning of January. The unregulated inflow to Lake Powell for the month of January was 304,000 acre-feet (75% of average). This was about 26,000 acre-feet below the unregulated inflow volume that was projected in the January 2010 24-Month Study. For this reason, the elevation of Lake Powell at the end of January was about 2 inches below what was projected in the January 2010 24-Month Study. The end of January Lake Powell elevation was 3622.14 feet above sea level which was over 4 feet lower than the elevation on January 1, 2010.

The release volume for January 2010 was 900,480 acre-feet. Daily peak releases for power generation in January were 17,500 cfs during the morning and afternoon with lows of approximately 9,500 cfs in the very early morning hours. In February 2010 the scheduled release volume for the month is 640,000 acre-feet. Peak releases each day for power generation in February will be approximately 14,000 cfs with lows of about 8,000 cfs.

In addition to the daily fluctuation pattern, instantaneous releases from Glen Canyon Dam also fluctuate to provide approximately 40 megawatts of system regulation to maintain stable conditions within the electrical generation and transmission system. These momentary fluctuations for regulation are very short lived and typically balance out over the hour. Glen Canyon Dam also provides a level of reserve generation that can be called upon when unanticipated outages occur within the generation system. When an outage event occurs, reserve generation at Glen Canyon Dam can be called upon and this additional reserve generation is typically maintained for 2 hours or less.

The official Water Supply Forecast (April-July Unregulated Inflow Volume) for Lake Powell issued by the Colorado Basin River Forecast Center was updated during the first week of February and is now 5.8 million acre-feet (maf) which is 73% of average. The

January official forecast for Lake Powell unregulated inflow was 6.2 maf which was 78% of average.

Based on the updated February forecast, the February 2010 24-Month Study projects that the water year release volume from Lake Powell will likely be 8.23 maf pursuant to the Interim Guidelines. However, the operating tier for Glen Canyon Dam in water year 2010 is Upper Elevation Balancing and under this tier there is a possibility for an April adjustment to the operational plan which could incorporate either Equalization releases or Balancing releases. Given the current conditions of Lake Powell and Lake Mead, it is possible, if hydrologic conditions become wetter than what is currently projected, that an April adjustment to Equalization could occur. If this adjustment were to occur in April, the projected water year release from Glen Canyon Dam could be greater than 10.5 maf.

As of early February, given the hydrologic conditions within the Colorado River Basin and the range of possible inflow scenarios that could occur in 2010, Reclamation estimates that there is about a 25% probability that an April adjustment to Equalization will occur. This estimate is based on many factors that are changing through time. Reclamation will update this estimated probability each month to provide stakeholders some probabilistic estimate of the possibility that Equalization will occur in water year 2010.

Upper Colorado River Basin Hydrology

In the Upper Colorado River Basin during water year 2009, the overall precipitation accumulated through September 30, 2009 was approximately 95% of average based on the 30 year average for the period from 1971 through 2000. For water year 2010 the dry conditions have persisted. Estimated percentages of average precipitation for the months thus far in water year 2010 are as follows: October 85%, November 40%, December 130%, January 100%.

The Climate Prediction Center outlook (dated January 21, 2010) for temperature over the next 3 months indicates that temperatures in the northern reaches of the Upper Colorado River Basin have an increased probability of being above average. Accumulated precipitation over the next 3 months are projected to be near average in the Upper Colorado River Basin (above Lake Powell) while are projected to be above average in the Lower Colorado River Basin (below Lake Powell).

Upper Colorado River Basin Drought

The Upper Colorado River Basin continues to experience a protracted multi-year drought. Since 1999, inflow to Lake Powell has been below average in every year except water years 2005 and 2008. In the summer of 1999, Lake Powell was close to full with reservoir storage at 23.5 million acre-feet, or 97 percent of capacity. During the next 5

years (2000 through 2004) unregulated inflow to Lake Powell was well below average. This resulted in Lake Powell storage decreasing during this period to 8.0 million acre-feet (33 percent of capacity) which occurred on April 8, 2005. During 2005, 2008 and 2009, drought conditions eased somewhat with net gains in storage to Lake Powell. As of February 9, 2010 the storage in Lake Powell was 13.93 million acre-feet (57.29 percent of capacity) which is still below desired levels while the overall reservoir storage in the Colorado River Basin as of February 9, 2010 is 33.14 million acre-feet (55.72 percent of capacity).

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-280
125 SOUTH STATE STREET, ROOM 6107
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-5571

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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:	Obs			nov	Forecast				
:	sep	oct	nov	dec	%Avg	jan	feb	mar	apr-jul %Avg
GLDA3:Lake Powell	342	418	309	304	75%:	325/	525/	800/	5800/: 73%
GBRW4:Fontenelle	48	42	31	28	91%:	26/	44/	70/	525/: 61%
GRNU1:Flaming Gorge	45	47	19.0	28	62%:	31/	62/	90/	675/: 57%
BMDC2:Blue Mesa	33	27	21	22	87%:	20/	28/	80/	600/: 83%
MPSC2:Morrow Point	34	29	22	24	86%:	23/	32/	90/	655/: 83%
CLSC2:Crystal	36	32	25	26	80%:	27/	37/	100/	735/: 80%
TPIC2:Taylor Park	6.7	4.7	3.9	4.2	96%:	3.5/	3.5/	9/	85/: 83%
VCRC2:Vallecito	8.2	4.4	3.7	4.0	77%:	3/	4.5/	18/	210/: 102%
NVRN5:Navajo	15.2	13.7	11.2	13.6	60%:	18/	65/	150/	800/: 102%
LEMC2:Lemon	1.07	0.77	0.61	0.58	64%:	0.5/	0.85/	4/	60/: 103%
MPHC2:McPhee	3.1	2.2	2.5	2.7	60%:	3/	15/	60/	305/: 95%
RBSC2:Ridgway	6.9	5.6	3.4	3.2	84%:	/	/	/	92/: 90%

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Fontenelle Reservoir

		Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Feb 2009	27	0	53	0	53	6471.15	124
H	Mar 2009	46	0	59	0	59	6467.98	111
I	Apr 2009	91	1	57	0	57	6475.63	145
S	May 2009	152	1	62	1	64	6490.46	231
T	Jun 2009	477	3	91	285	376	6504.01	330
O	Jul 2009	247	3	88	145	233	6505.36	341
R	Aug 2009	72	2	98	6	104	6500.99	306
I	Sep 2009	37	2	66	0	66	6496.84	276
	WY 2009	1295	15	773	485	1258		
C	Oct 2009	48	1	51	11	62	6494.68	260
A	Nov 2009	42	1	0	62	62	6491.61	239
L	Dec 2009	31	1	0	70	71	6485.42	198
*	Jan 2010	28	1	38	30	69	6478.10	157
	Feb 2010	26	0	54	0	54	6472.03	128
	Mar 2010	44	0	60	0	60	6468.11	111
	Apr 2010	70	1	58	0	58	6470.76	122
	May 2010	115	1	80	0	80	6477.98	156
	Jun 2010	220	2	77	0	77	6499.72	297
	Jul 2010	120	3	77	0	77	6504.94	337
	Aug 2010	62	2	77	0	77	6502.76	320
	Sep 2010	42	2	39	28	67	6499.22	293
	WY 2010	847	15	613	202	815		
	Oct 2010	49	1	55	15	69	6496.20	271
	Nov 2010	41	1	67	0	67	6492.43	244
	Dec 2010	32	1	69	0	69	6486.67	206
	Jan 2011	30	1	69	0	69	6479.98	167
	Feb 2011	28	0	63	0	63	6472.73	131
	Mar 2011	52	0	69	0	69	6468.47	113
	Apr 2011	89	1	83	0	83	6469.77	118
	May 2011	176	1	99	5	105	6483.78	188
	Jun 2011	307	2	103	90	193	6500.14	300
	Jul 2011	185	3	101	38	138	6505.82	344
	Aug 2011	82	2	99	5	105	6502.71	320
	Sep 2011	48	2	36	32	68	6499.91	298
	WY 2011	1120	15	915	185	1100		
	Oct 2011	49	1	70	0	70	6496.78	275
	Nov 2011	41	1	68	0	68	6492.91	248
	Dec 2011	32	1	70	0	70	6487.04	209
	Jan 2012	30	1	70	0	70	6480.24	168

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Flaming Gorge Reservoir

	Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Yampa Flow 1000 Ac-Ft	Jensen Flow 1000 Ac-Ft
* Feb 2009	37	64	2	62	0	62	119	6019.63	2967	0	104
H Mar 2009	62	75	3	52	0	52	120	6020.18	2987	0	140
I Apr 2009	127	93	5	50	0	50	122	6021.21	3024	0	312
S May 2009	212	125	7	150	0	150	120	6020.33	2993	758	883
T Jun 2009	573	472	10	96	0	96	134	6029.83	3357	517	624
O Jul 2009	284	271	14	117	0	117	140	6033.29	3478	109	247
R Aug 2009	74	106	13	124	0	124	139	6032.53	3448	21	161
I Sep 2009	45	74	11	120	0	120	136	6031.12	3392	14	144
WY 2009	1564	1527	79	1065	0	1065					3709
C Oct 2009	45	59	7	109	0	109	134	6029.69	3337	0	152
A Nov 2009	47	67	4	104	0	104	133	6028.67	3298	0	0
L Dec 2009	19	59	2	107	1	108	131	6027.38	3249	0	505
* Jan 2010	27	68	2	109	0	109	129	6026.29	3208	0	669
Feb 2010	31	59	2	87	0	87	128	6025.53	3180	0	87
Mar 2010	62	78	3	63	0	63	128	6025.85	3192	0	63
Apr 2010	90	78	5	54	0	54	129	6026.36	3211	0	54
May 2010	170	135	8	124	0	124	129	6026.44	3214	0	124
Jun 2010	270	127	10	169	0	169	127	6025.11	3164	0	169
Jul 2010	145	102	13	80	0	80	128	6025.34	3173	0	80
Aug 2010	74	89	12	80	0	80	127	6025.25	3170	0	80
Sep 2010	51	76	11	77	0	77	127	6024.94	3158	0	77
WY 2010	1031	998	79	1162	1	1163					2059
Oct 2010	59	80	7	80	0	80	127	6024.75	3151	0	80
Nov 2010	51	77	3	77	0	77	127	6024.64	3147	0	77
Dec 2010	36	73	2	80	0	80	126	6024.43	3139	0	80
Jan 2011	41	80	2	80	0	80	126	6024.39	3138	0	80
Feb 2011	45	80	2	72	0	72	126	6024.55	3143	0	72
Mar 2011	103	121	3	80	0	80	128	6025.55	3180	0	80
Apr 2011	142	136	5	77	0	77	130	6026.93	3232	0	77
May 2011	263	192	8	134	0	134	132	6028.20	3280	0	134
Jun 2011	400	286	11	182	0	182	136	6030.55	3370	0	182
Jul 2011	219	172	14	114	0	114	137	6031.65	3413	0	114
Aug 2011	96	119	13	114	0	114	137	6031.46	3406	0	114
Sep 2011	58	78	11	110	0	110	135	6030.38	3364	0	110
WY 2011	1515	1494	80	1200	0	1200					1200
Oct 2011	59	81	7	114	0	114	134	6029.37	3325	0	114
Nov 2011	51	77	3	110	0	110	132	6028.47	3290	0	110
Dec 2011	36	74	2	114	0	114	131	6027.42	3251	0	114
Jan 2012	41	81	2	114	0	114	129	6026.54	3217	0	114

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Taylor Park Reservoir

		Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Feb 2009	4	5	9310.95	71
H	Mar 2009	4	5	9310.68	71
I	Apr 2009	11	5	9314.31	77
S	May 2009	46	20	9328.38	103
T	Jun 2009	37	35	9329.45	105
O	Jul 2009	16	26	9324.35	95
R	Aug 2009	7	19	9317.78	83
I	Sep 2009	6	15	9312.44	74
	WY 2009	153	152		
C	Oct 2009	7	8	9311.60	72
A	Nov 2009	5	6	9310.68	71
L	Dec 2009	4	6	9309.18	69
*	Jan 2010	4	6	9307.90	67
	Feb 2010	3	6	9306.52	65
	Mar 2010	3	6	9304.69	62
	Apr 2010	9	8	9305.71	63
	May 2010	26	14	9313.31	75
	Jun 2010	37	16	9324.98	96
	Jul 2010	13	20	9321.28	89
	Aug 2010	8	19	9315.09	78
	Sep 2010	6	15	9309.61	69
	WY 2010	125	130		
	Oct 2010	6	8	9308.43	67
	Nov 2010	5	6	9307.75	66
	Dec 2010	4	6	9306.76	65
	Jan 2011	4	6	9305.54	63
	Feb 2011	4	6	9303.99	61
	Mar 2011	4	6	9302.77	59
	Apr 2011	8	8	9303.35	60
	May 2011	27	14	9311.93	73
	Jun 2011	43	16	9326.85	100
	Jul 2011	20	20	9327.06	100
	Aug 2011	10	22	9320.77	88
	Sep 2011	7	15	9316.27	80
	WY 2011	144	132		
	Oct 2011	6	10	9314.02	76
	Nov 2011	5	6	9313.38	75
	Dec 2011	4	6	9312.47	74
	Jan 2012	4	6	9311.36	72

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Blue Mesa Reservoir

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Feb 2009	24	24	0	42	0	42	7486.19	552
H	Mar 2009	40	40	0	49	0	49	7484.97	543
I	Apr 2009	104	99	1	61	0	61	7489.84	580
S	May 2009	344	317	1	110	10	120	7513.48	776
T	Jun 2009	229	227	1	172	3	175	7519.02	826
O	Jul 2009	95	105	2	144	0	144	7514.49	785
R	Aug 2009	42	54	1	128	0	128	7505.79	710
I	Sep 2009	26	35	1	93	0	93	7498.71	651
	WY 2009	1017	1016	9	993	13	1006		
C	Oct 2009	33	34	1	81	0	81	7492.82	603
A	Nov 2009	27	28	0	28	0	28	7492.84	604
L	Dec 2009	21	23	0	47	0	47	7489.73	579
*	Jan 2010	22	24	0	43	0	43	7487.22	560
	Feb 2010	20	22	0	34	0	34	7485.63	548
	Mar 2010	28	31	0	33	0	33	7485.27	545
	Apr 2010	80	79	1	58	0	58	7487.87	565
	May 2010	195	183	1	100	0	100	7498.23	647
	Jun 2010	245	224	1	67	0	67	7516.39	802
	Jul 2010	80	87	2	105	0	105	7514.21	783
	Aug 2010	47	58	1	111	0	111	7508.07	729
	Sep 2010	32	41	1	94	0	94	7501.61	675
	WY 2010	830	834	9	802	0	802		
	Oct 2010	36	37	1	62	0	62	7498.56	650
	Nov 2010	31	32	0	29	0	29	7498.91	652
	Dec 2010	25	27	0	97	0	97	7490.00	581
	Jan 2011	24	26	0	92	0	92	7481.30	516
	Feb 2011	22	24	0	60	0	60	7476.31	479
	Mar 2011	34	36	0	43	0	43	7475.26	472
	Apr 2011	73	72	1	50	0	50	7478.31	494
	May 2011	212	199	1	74	0	74	7494.61	618
	Jun 2011	271	244	1	68	0	68	7515.28	792
	Jul 2011	121	120	2	109	0	109	7516.40	802
	Aug 2011	62	74	1	122	0	122	7510.81	753
	Sep 2011	36	44	1	113	0	113	7502.63	683
	WY 2011	946	935	9	918	0	918		
	Oct 2011	36	39	1	65	0	65	7499.48	657
	Nov 2011	31	32	0	36	0	36	7498.91	652
	Dec 2011	25	27	0	97	0	97	7490.00	581
	Jan 2012	24	26	0	92	0	92	7481.30	516

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Morrow Point Reservoir

		Unreg Inflow 1000 Ac-Ft	Blue_Mesa Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Evap losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Feb 2009	24	42	1	43	0	45	0	45	7145.98	106
H	Mar 2009	42	49	2	51	0	43	6	49	7147.72	107
I	Apr 2009	119	61	14	75	0	69	0	69	7155.78	114
S	May 2009	377	120	34	154	0	153	2	155	7154.23	112
T	Jun 2009	241	175	12	188	0	184	0	184	7158.19	116
O	Jul 2009	97	144	2	146	0	148	0	148	7155.33	113
R	Aug 2009	42	128	0	128	0	129	0	129	7154.90	113
I	Sep 2009	27	93	1	94	0	100	0	100	7146.95	107
	WY 2009	1088	1006	70	1077	1	1074	8	1083		
C	Oct 2009	34	81	1	82	0	81	0	81	7148.23	108
A	Nov 2009	29	28	2	30	0	27	0	27	7152.38	111
L	Dec 2009	22	47	1	48	0	47	0	47	7153.12	112
*	Jan 2010	24	43	2	45	0	47	0	47	7150.49	109
	Feb 2010	23	34	3	37	0	34	0	34	7153.73	112
	Mar 2010	31	33	3	36	0	36	0	36	7153.73	112
	Apr 2010	90	58	10	68	0	68	0	68	7153.73	112
	May 2010	215	100	20	120	0	120	0	120	7153.73	112
	Jun 2010	265	67	20	87	0	87	0	87	7153.73	112
	Jul 2010	85	105	5	110	0	110	0	110	7153.73	112
	Aug 2010	51	111	4	115	0	115	0	115	7153.73	112
	Sep 2010	35	94	3	97	0	97	0	97	7153.73	112
	WY 2010	903	802	74	875	0	870	0	870		
	Oct 2010	38	62	3	65	0	65	0	65	7153.73	112
	Nov 2010	33	29	2	31	0	31	0	31	7153.73	112
	Dec 2010	27	97	2	100	0	100	0	100	7153.73	112
	Jan 2011	26	92	2	94	0	94	0	94	7153.73	112
	Feb 2011	25	60	3	63	0	63	0	63	7153.73	112
	Mar 2011	38	43	4	47	0	47	0	47	7153.73	112
	Apr 2011	84	50	11	61	0	61	0	61	7153.73	112
	May 2011	237	74	25	99	0	99	0	99	7153.73	112
	Jun 2011	292	68	21	89	0	89	0	89	7153.73	112
	Jul 2011	127	109	7	115	0	115	0	115	7153.73	112
	Aug 2011	65	122	4	126	0	126	0	126	7153.73	112
	Sep 2011	39	113	3	116	0	116	0	116	7153.73	112
	WY 2011	1032	918	86	1004	0	1004	0	1004		
	Oct 2011	38	65	3	68	0	68	0	68	7153.73	112
	Nov 2011	33	36	2	38	0	38	0	38	7153.73	112
	Dec 2011	27	97	2	100	0	100	0	100	7153.73	112
	Jan 2012	26	92	2	94	0	94	0	94	7153.73	112

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Crystal Reservoir

	unreg Inflow 1000 Ac-Ft	Morrow Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Tunnel Flow 1000 Ac-Ft	Below_tunnel Flow 1000 Ac-Ft
* Feb 2009	28	45	3	48	24	20	45	6752.05	17	1	46
H Mar 2009	47	49	5	55	55	0	55	6751.30	16	10	47
I Apr 2009	130	69	12	81	80	0	80	6752.70	17	36	48
S May 2009	431	155	53	208	120	88	208	6752.57	17	55	160
T Jun 2009	264	184	23	207	116	91	207	6753.30	17	59	160
O Jul 2009	104	148	7	156	128	30	158	6743.22	14	68	101
R Aug 2009	44	129	2	131	130	0	130	6746.30	15	67	72
I Sep 2009	29	100	2	102	102	0	102	6746.55	15	63	46
WY 2009	1209	1083	121	1204	964	238	1202			416	857
C Oct 2009	36	81	3	84	72	10	82	6751.89	17	49	36
A Nov 2009	32	27	3	29	31	0	31	6747.51	15	1	31
L Dec 2009	25	47	3	51	52	0	52	6743.59	14	1	53
* Jan 2010	26	47	3	50	49	0	49	6745.38	15	1	50
Feb 2010	27	34	4	38	36	0	36	6753.04	17	0	36
Mar 2010	37	36	6	42	42	0	42	6753.04	17	5	37
Apr 2010	100	68	10	78	78	0	78	6753.04	17	30	48
May 2010	245	120	30	150	134	16	150	6753.04	17	55	95
Jun 2010	295	87	30	117	117	0	117	6753.04	17	60	57
Jul 2010	95	110	10	120	120	0	120	6753.04	17	65	55
Aug 2010	57	115	6	121	121	0	121	6753.04	17	65	56
Sep 2010	40	97	5	102	102	0	102	6753.04	17	55	47
WY 2010	1015	870	112	982	954	26	980			386	601
Oct 2010	44	65	6	71	71	0	71	6753.04	17	30	41
Nov 2010	38	31	5	36	36	0	36	6753.04	17	0	36
Dec 2010	32	100	5	104	104	0	104	6753.04	17	0	104
Jan 2011	31	94	5	99	99	0	99	6753.04	17	0	99
Feb 2011	29	63	4	67	67	0	67	6753.04	17	0	67
Mar 2011	46	47	7	54	54	0	54	6753.04	17	5	49
Apr 2011	96	61	12	73	73	0	73	6753.04	17	30	43
May 2011	272	99	35	134	134	0	134	6753.04	17	55	79
Jun 2011	330	89	38	127	127	0	127	6753.04	17	60	67
Jul 2011	144	115	17	132	132	0	132	6753.04	17	65	67
Aug 2011	74	126	8	134	134	0	134	6753.04	17	65	69
Sep 2011	45	116	6	122	122	0	122	6753.04	17	55	67
WY 2011	1183	1004	150	1155	1155	0	1155			365	790
Oct 2011	44	68	6	74	74	0	74	6753.04	17	30	44
Nov 2011	38	38	5	43	43	0	43	6753.04	17	0	43
Dec 2011	32	100	5	104	104	0	104	6753.04	17	0	104
Jan 2012	31	94	5	99	99	0	99	6753.04	17	0	99

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Vallecito Reservoir

		Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Feb 2009	5	2	7645.61	77
H	Mar 2009	8	4	7647.33	81
I	Apr 2009	22	10	7652.11	92
S	May 2009	98	66	7664.50	124
T	Jun 2009	44	43	7664.64	124
O	Jul 2009	19	39	7656.79	104
R	Aug 2009	8	39	7643.59	72
I	Sep 2009	8	30	7632.32	49
	WY 2009	237	254		
C	Oct 2009	8	13	7629.82	44
A	Nov 2009	4	3	7630.41	45
L	Dec 2009	4	3	7630.60	46
*	Jan 2010	4	3	7631.27	47
	Feb 2010	3	3	7631.34	47
	Mar 2010	5	3	7632.02	48
	Apr 2010	18	10	7636.06	56
	May 2010	75	32	7654.60	98
	Jun 2010	88	61	7664.73	125
	Jul 2010	29	43	7659.23	110
	Aug 2010	18	43	7649.01	85
	Sep 2010	17	32	7642.31	69
	WY 2010	273	249		
	Oct 2010	14	20	7639.06	62
	Nov 2010	8	6	7640.14	65
	Dec 2010	6	5	7640.77	66
	Jan 2011	5	5	7641.00	66
	Feb 2011	5	4	7641.17	67
	Mar 2011	8	5	7642.67	70
	Apr 2011	22	12	7646.97	80
	May 2011	69	50	7654.80	99
	Jun 2011	78	64	7659.97	112
	Jul 2011	31	43	7655.02	99
	Aug 2011	19	39	7646.56	79
	Sep 2011	17	29	7641.00	66
	WY 2011	282	282		
	Oct 2011	14	19	7638.41	61
	Nov 2011	8	6	7639.50	63
	Dec 2011	6	5	7640.14	65
	Jan 2012	5	5	7640.37	65

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Navajo Reservoir

		Mod_Unreg Inflow 1000 Ac-Ft	Azetea Tunnel_Div 1000 Ac-Ft	Reg Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	NIIP Diversion 1000 ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Farm Flow 1000 Ac-Ft
*	Feb 2009	28	1	24	1	0	28	6052.85	1260	50
H	Mar 2009	76	6	65	2	5	31	6055.13	1288	61
I	Apr 2009	125	19	97	2	19	30	6058.76	1337	69
S	May 2009	361	52	275	4	29	59	6072.47	1515	251
T	Jun 2009	146	24	120	5	36	115	6069.92	1479	184
O	Jul 2009	29	4	43	5	43	53	6065.70	1422	77
R	Aug 2009	-11	0	20	4	42	49	6059.96	1347	64
I	Sep 2009	5	0	28	3	22	37	6057.30	1314	52
	WY 2009	850	106	760	28	209	528			1002
C	Oct 2009	15	0	21	2	13	37	6054.76	1283	51
A	Nov 2009	14	0	13	1	0	29	6053.34	1265	49
L	Dec 2009	11	0	11	1	0	31	6051.61	1245	48
*	Jan 2010	14	0	12	1	0	30	6050.04	1226	53
	Feb 2010	18	0	18	1	0	28	6049.11	1215	28
	Mar 2010	65	0	63	1	4	31	6051.39	1242	31
	Apr 2010	150	27	115	2	16	30	6056.89	1309	30
	May 2010	310	42	225	4	28	85	6065.33	1417	85
	Jun 2010	285	35	223	4	43	147	6067.47	1446	147
	Jul 2010	55	6	63	5	45	31	6066.20	1429	31
	Aug 2010	35	1	59	4	38	31	6065.15	1415	31
	Sep 2010	38	1	52	3	21	30	6064.99	1413	30
	WY 2010	1010	113	875	28	210	538			612
	Oct 2010	40	2	46	2	8	31	6065.40	1418	31
	Nov 2010	33	0	30	1	0	30	6065.37	1418	30
	Dec 2010	24	0	22	1	0	31	6064.68	1408	31
	Jan 2011	22	0	21	1	0	31	6063.91	1398	31
	Feb 2011	30	0	30	1	0	28	6063.97	1399	28
	Mar 2011	88	2	83	2	4	31	6067.45	1446	31
	Apr 2011	174	16	148	3	17	34	6074.24	1540	34
	May 2011	279	33	226	4	29	200	6073.75	1533	200
	Jun 2011	246	29	203	5	44	212	6069.66	1476	212
	Jul 2011	74	7	79	5	47	31	6069.43	1473	31
	Aug 2011	43	3	61	4	40	31	6068.43	1459	31
	Sep 2011	42	1	53	3	22	30	6068.31	1457	30
	WY 2011	1096	93	1002	30	210	718			718
	Oct 2011	40	1	44	2	8	31	6068.62	1461	31
	Nov 2011	33	0	30	1	0	30	6068.58	1461	30
	Dec 2011	24	0	22	1	0	31	6067.91	1452	31
	Jan 2012	22	0	21	1	0	31	6067.15	1442	31

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Lake Powell

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	PowerPlant Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Bank Storage 1000 Ac-Ft	EOM Storage 1000 Ac-Ft	Lees Ferry 1000 Ac-Ft
*	Feb 2009	323	377	9	602	0	602	3612.05	17300	12938	612
H	Mar 2009	470	445	16	626	0	626	3610.43	17268	12774	632
I	Apr 2009	788	669	25	604	0	604	3611.26	17224	12858	611
S	May 2009	2921	2446	31	582	0	582	3629.09	17163	14751	586
T	Jun 2009	2701	2217	54	664	0	664	3640.49	17353	16061	670
O	Jul 2009	1394	1219	67	803	0	803	3641.14	17625	16138	828
R	Aug 2009	323	536	66	802	0	802	3637.50	17721	15710	829
I	Sep 2009	261	466	59	598	0	598	3635.37	17777	15463	613
	WY 2009	10623	10107	437	8236	0	8236				8396
C	Oct 2009	342	508	41	620	0	620	3633.52	17836	15251	634
A	Nov 2009	418	492	39	692	0	692	3631.10	17872	14976	702
L	Dec 2009	309	437	30	901	0	901	3626.22	17920	14434	925
*	Jan 2010	304	426	9	900	0	900	3622.14	17879	13991	925
	Feb 2010	325	400	10	640	0	640	3619.97	17861	13760	640
	Mar 2010	525	501	17	600	0	600	3618.96	17852	13653	600
	Apr 2010	800	664	26	600	0	600	3619.29	17855	13689	600
	May 2010	1860	1565	32	600	0	600	3627.30	17924	14552	600
	Jun 2010	2280	1940	52	600	0	600	3637.80	18019	15745	600
	Jul 2010	860	846	65	800	0	800	3637.65	18018	15728	800
	Aug 2010	430	535	64	800	0	800	3635.02	17994	15423	800
	Sep 2010	405	508	59	477	0	477	3634.80	17992	15397	477
	WY 2010	8857	8822	444	8230	0	8230				8303
	Oct 2010	514	561	41	493	0	493	3635.02	17994	15423	493
	Nov 2010	523	545	39	800	0	800	3632.64	17972	15151	800
	Dec 2010	414	537	31	1000	0	1000	3628.57	17935	14694	1000
	Jan 2011	384	500	9	1000	0	1000	3624.27	17898	14222	1000
	Feb 2011	394	457	10	950	0	950	3619.93	17860	13756	950
	Mar 2011	628	562	16	1000	0	1000	3615.91	17827	13335	1000
	Apr 2011	950	755	25	1045	0	1045	3613.08	17803	13043	1045
	May 2011	2161	1877	30	1100	0	1100	3619.73	17859	13735	1100
	Jun 2011	2811	2429	50	1150	0	1150	3630.18	17950	14873	1150
	Jul 2011	1346	1239	62	1275	0	1275	3629.37	17942	14782	1275
	Aug 2011	566	674	60	1194	0	1194	3624.48	17899	14244	1194
	Sep 2011	460	599	55	595	0	595	3624.05	17896	14197	595
	WY 2011	11151	10733	428	11602	0	11602				11602
	Oct 2011	514	597	38	615	0	615	3623.57	17891	14146	615
	Nov 2011	523	585	36	600	0	600	3623.14	17888	14098	600
	Dec 2011	414	571	29	800	0	800	3620.91	17869	13860	800
	Jan 2012	384	533	9	800	0	800	3618.50	17848	13605	800

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Hoover Dam - Lake Mead

		Glen Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	SNWP Use 1000 Ac-Ft	Dwnstrm Reqmnts 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
*	Feb 2009	602	82	31	679	12.2	9	669	815	1111.43	12539
H	Mar 2009	626	62	34	1037	16.9	17	1036	791	1107.40	12164
I	Apr 2009	604	36	42	1174	19.7	20	1169	754	1101.26	11604
S	May 2009	582	63	47	977	15.9	33	968	729	1096.92	11217
T	Jun 2009	664	11	56	750	12.6	25	748	720	1095.26	11071
O	Jul 2009	803	38	70	840	13.7	30	838	714	1094.20	10978
R	Aug 2009	802	59	74	801	13.0	30	792	711	1093.73	10938
I	Sep 2009	598	55	61	575	9.7	22	570	711	1093.68	10933
	WY 2009	8236	651	585	9210		242	9119			
C	Oct 2009	620	23	44	613	10.0	25	608	708	1093.26	10897
A	Nov 2009	692	39	44	648	10.9	15	647	710	1093.52	10919
L	Dec 2009	901	51	39	646	10.5	9	629	726	1096.30	11162
*	Jan 2010	900	124	32	634	10.3	6	578	747	1100.02	11493
	Feb 2010	640	134	30	351	6.3	24	351	770	1103.85	11839
	Mar 2010	600	96	33	1041	16.9	32	1041	745	1099.59	11454
	Apr 2010	600	74	41	1061	17.8	26	1061	717	1094.78	11029
	May 2010	600	69	46	1016	16.5	35	1016	691	1090.13	10627
	Jun 2010	600	24	54	902	15.2	33	902	668	1086.10	10284
	Jul 2010	800	61	67	924	15.0	35	924	658	1084.25	10129
	Aug 2010	800	110	71	831	13.5	36	831	657	1083.94	10103
	Sep 2010	477	79	58	712	12.0	31	712	642	1081.17	9873
	WY 2010	8230	885	560	9379		305	9300			
	Oct 2010	493	73	42	458	7.5	42	458	643	1081.43	9894
	Nov 2010	800	73	42	714	12.0	32	714	648	1082.39	9973
	Dec 2010	1000	65	37	605	9.8	26	605	673	1086.84	10347
	Jan 2011	1000	130	31	675	11.0	20	675	697	1091.30	10727
	Feb 2011	950	134	29	665	12.0	21	665	720	1095.29	11073
	Mar 2011	1000	96	32	1006	16.4	28	1006	722	1095.60	11101
	Apr 2011	1045	74	40	1130	19.0	22	1130	717	1094.82	11032
	May 2011	1100	69	46	996	16.2	32	996	723	1095.84	11122
	Jun 2011	1150	24	57	850	14.3	29	850	737	1098.37	11345
	Jul 2011	1275	61	72	888	14.4	31	888	759	1101.98	11669
	Aug 2011	1194	110	77	811	13.2	32	811	782	1105.93	12029
	Sep 2011	595	79	64	673	11.3	27	673	776	1105.00	11943
	WY 2011	11602	988	570	9472		343	9472			
	Oct 2011	615	73	47	450	7.3	39	450	786	1106.55	12086
	Nov 2011	600	73	47	565	9.5	28	565	788	1106.88	12116
	Dec 2011	800	65	41	547	8.9	22	547	803	1109.46	12356
	Jan 2012	800	130	34	676	11.0	20	676	815	1111.48	12544

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Davis Dam - Lake Mohave

		Hoover Release 1000 Ac-Ft	Side inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Spill Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
*	Feb 2009	679	-8	629	0	629	11.3	642.29	1679
H	Mar 2009	1037	-14	1035	0	1035	16.8	641.38	1655
I	Apr 2009	1174	-14	1097	0	1097	18.4	643.11	1702
S	May 2009	977	-5	916	0	916	14.9	644.36	1736
T	Jun 2009	750	-3	788	0	788	13.2	641.92	1669
O	Jul 2009	840	5	835	0	835	13.6	641.37	1654
R	Aug 2009	801	-8	756	0	756	12.3	641.90	1669
I	Sep 2009	575	2	726	0	726	12.2	635.60	1501
	WY 2009	9210	-123	9008	0	9008			
C	Oct 2009	613	-8	623	0	623	10.1	634.34	1469
A	Nov 2009	648	-15	590	0	590	9.9	635.61	1502
L	Dec 2009	646	-24	532	0	532	8.7	638.68	1582
*	Jan 2010	634	-15	456	0	456	7.4	644.34	1736
	Feb 2010	351	-5	427	0	427	7.7	641.00	1644
	Mar 2010	1041	-13	974	0	974	15.8	642.50	1685
	Apr 2010	1061	-11	1019	0	1019	17.1	643.00	1699
	May 2010	1016	-13	981	0	981	16.0	643.00	1699
	Jun 2010	902	-2	902	0	902	15.2	642.00	1671
	Jul 2010	924	2	915	0	915	14.9	641.50	1658
	Aug 2010	831	-2	806	0	806	13.1	641.50	1658
	Sep 2010	712	2	789	0	789	13.3	638.00	1564
	WY 2010	9379	-105	9014	0	9014			
	Oct 2010	458	10	647	0	647	10.5	630.49	1371
	Nov 2010	714	-7	582	0	582	9.8	635.00	1486
	Dec 2010	605	-10	488	0	488	7.9	638.71	1583
	Jan 2011	675	-13	570	0	570	9.3	641.80	1666
	Feb 2011	665	-5	651	0	651	11.7	641.80	1666
	Mar 2011	1006	-13	946	0	946	15.4	643.05	1700
	Apr 2011	1130	-11	1103	0	1103	18.5	643.00	1699
	May 2011	996	-13	960	0	960	15.6	643.00	1699
	Jun 2011	850	-2	850	0	850	14.3	642.00	1671
	Jul 2011	888	2	878	0	878	14.3	641.50	1658
	Aug 2011	811	-2	787	0	787	12.8	641.50	1658
	Sep 2011	673	2	750	0	750	12.6	638.00	1564
	WY 2011	9472	-63	9212	0	9212			
	Oct 2011	450	10	576	0	576	9.4	633.00	1434
	Nov 2011	565	-7	496	0	496	8.3	635.00	1486
	Dec 2011	547	-10	430	0	430	7.0	638.71	1583
	Jan 2012	676	-13	571	0	571	9.3	641.80	1666

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T E M R E S E R V O I R S

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Parker Dam - Lake Havasu

	Davis Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	MWD Diversion 1000 Ac-Ft	CAP diversion 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft	Flow_to Mexico 1000 Ac-Ft	Flow_to Mexico 1000 CFS
* Feb 2009	629	15	397	7.2	82	162	446.08	544	162	2.9
H Mar 2009	1035	11	736	12.0	99	180	446.75	557	208	3.4
I Apr 2009	1097	15	784	13.2	97	172	448.75	595	205	3.4
S May 2009	916	20	647	10.5	101	165	448.71	594	122	2.0
T Jun 2009	788	20	595	10.0	98	94	448.49	590	113	1.9
O Jul 2009	835	17	655	10.6	100	75	448.11	582	120	2.0
R Aug 2009	756	24	582	9.5	100	70	448.19	584	101	1.6
I Sep 2009	726	21	505	8.5	96	143	447.16	564	93	1.6
WY 2009	9008	180	6347		1070	1602			1584	
C Oct 2009	623	17	446	7.2	26	133	448.03	581	77	1.2
A Nov 2009	590	32	365	6.1	107	144	447.61	573	103	1.7
L Dec 2009	532	27	301	4.9	104	149	447.34	568	135	2.2
* Jan 2010	456	42	233	3.8	99	126	448.89	597	173	2.8
Feb 2010	427	39	334	6.0	78	87	446.50	552	153	2.8
Mar 2010	974	44	713	11.6	99	178	447.00	561	208	3.4
Apr 2010	1019	14	774	13.0	41	165	448.71	594	200	3.4
May 2010	981	8	699	11.4	109	158	448.71	594	113	1.8
Jun 2010	902	3	669	11.2	105	101	448.71	594	112	1.9
Jul 2010	915	12	716	11.6	109	84	448.00	580	118	1.9
Aug 2010	806	17	615	10.0	109	79	447.50	571	92	1.5
Sep 2010	789	14	527	8.9	105	159	446.81	557	89	1.5
WY 2010	9014	270	6392		1092	1563			1574	
Oct 2010	647	25	442	7.2	97	124	446.31	548	74	1.2
Nov 2010	582	27	371	6.2	68	151	446.50	552	103	1.7
Dec 2010	488	21	281	4.6	52	165	446.50	552	118	1.9
Jan 2011	570	35	344	5.6	85	165	446.50	552	122	2.0
Feb 2011	651	39	444	8.0	77	156	446.50	552	153	2.8
Mar 2011	946	44	709	11.5	85	173	446.70	555	208	3.4
Apr 2011	1103	14	810	13.6	83	166	448.71	594	200	3.4
May 2011	960	8	700	11.4	86	158	448.71	594	111	1.8
Jun 2011	850	3	651	10.9	83	90	448.71	594	112	1.9
Jul 2011	878	12	715	11.6	85	72	448.00	580	118	1.9
Aug 2011	787	17	630	10.2	85	68	447.50	571	92	1.5
Sep 2011	750	14	544	9.1	62	147	446.81	557	89	1.5
WY 2011	9212	259	6639		950	1636			1500	
Oct 2011	576	25	454	7.4	24	113	446.31	548	72	1.2
Nov 2011	496	27	369	6.2	24	111	446.50	552	105	1.8
Dec 2011	430	21	291	4.7	24	125	446.50	552	118	1.9
Jan 2012	571	35	344	5.6	86	165	446.50	552	122	2.0

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T E M R E S E R V O I R S

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Hoover Dam - Lake Mead

	Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Hoover Static Head Feet	Hoover Generator Capacity MW	Hoover Gross Energy MKWH	Percent Of Units Available	KWH/AF
* Feb 2009	679	12.2	1111.43	12539	-33	0.00	1415.0	263.8	81	388.5
H Mar 2009	1037	16.9	1107.40	12164	-376	0.00	950.0	415.9	55	401.2
I Apr 2009	1174	19.7	1101.26	11604	-560	0.00	1284.0	474.0	76	403.7
S May 2009	977	15.9	1096.92	11217	-387	0.00	1411.0	381.7	85	390.6
T Jun 2009	750	12.6	1095.26	11071	-146	0.00	1641.0	287.2	100	383.1
O Jul 2009	840	13.7	1094.20	10978	-93	0.00	1640.0	324.9	100	386.9
R Aug 2009	801	13.0	1093.73	10938	-41	0.00	1648.0	307.5	100	383.8
I Sep 2009	574	9.7	1093.68	10933	-4	0.00	1656.0	215.3	100	374.9
WY 2009	9210							3592.3		
C Oct 2009	613	10.0	1093.26	10897	-37	0.00	1158.0	235.5	70	384.4
A Nov 2009	648	10.9	1093.52	10919	23	0.00	1358.0	251.9	82	388.7
L Dec 2009	646	10.5	1096.30	11162	243	0.00	1037.0	248.8	63	385.3
* Jan 2010	634	10.3	1100.02	11493	330	0.00	1050.0	248.9	63	392.4
Feb 2010	351	6.3	1103.85	11839	346	452.52	1044.0	137.2	63	390.9
Mar 2010	1041	16.9	1099.59	11454	-385	450.95	1336.0	425.2	81	408.6
Apr 2010	1061	17.8	1094.78	11029	-425	445.11	1416.0	429.4	87	404.7
May 2010	1016	16.5	1090.13	10627	-402	439.52	1498.0	400.0	94	393.6
Jun 2010	902	15.2	1086.10	10284	-343	434.89	1572.0	352.6	100	390.9
Jul 2010	924	15.0	1084.25	10129	-155	432.47	1562.0	359.0	100	388.3
Aug 2010	831	13.5	1083.94	10103	-26	431.56	1561.0	325.1	100	391.1
Sep 2010	712	12.0	1081.17	9873	-230	431.17	1548.0	274.1	100	385.2
WY 2010	9379							3687.7		
Oct 2010	458	7.5	1081.43	9894	21	434.03	1260.0	176.5	81	385.0
Nov 2010	714	12.0	1082.39	9973	80	437.17	1261.0	280.8	81	393.4
Dec 2010	605	9.8	1086.84	10347	373	436.48	1395.0	234.4	87	387.7
Jan 2011	675	11.0	1091.30	10727	380	439.41	1308.0	263.6	80	390.5
Feb 2011	665	12.0	1095.29	11073	346	441.84	1446.0	263.5	87	396.0
Mar 2011	1006	16.4	1095.60	11101	27	443.42	1469.0	400.1	89	397.6
Apr 2011	1130	19.0	1094.82	11032	-69	442.25	1548.0	456.2	94	403.8
May 2011	996	16.2	1095.84	11122	90	441.72	1655.0	391.1	100	392.8
Jun 2011	850	14.3	1098.37	11345	224	443.81	1666.0	343.6	100	404.1
Jul 2011	888	14.4	1101.98	11669	324	447.35	1666.0	361.9	100	407.5
Aug 2011	811	13.2	1105.93	12029	360	451.27	1666.0	329.9	100	406.6
Sep 2011	673	11.3	1105.00	11943	-86	453.90	1666.0	269.8	100	400.6
WY 2011	9472							3771.3		
Oct 2011	450	7.3	1106.55	12086	142	458.36	1356.9	180.7	81	401.4
Nov 2011	565	9.5	1106.88	12116	31	461.02	1344.1	228.8	81	405.3
Dec 2011	547	8.9	1109.46	12356	239	459.89	1452.6	218.5	87	399.4
Jan 2012	676	11.0	1111.48	12544	189	460.68	1340.2	275.3	80	407.2

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Davis Dam - Lake Mohave

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Davis Static Head Feet	Davis Generator Capacity MW	Davis Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Feb 2009	629	11.3	642.29	1679	33	0.00	193.8	79.3	76	126.1
H	Mar 2009	1035	16.8	641.38	1655	-25	0.00	255.0	121.2	100	117.1
I	Apr 2009	1097	18.4	643.11	1702	47	0.00	255.0	135.7	100	123.7
S	May 2009	916	14.9	644.36	1736	34	0.00	255.0	115.6	100	126.3
T	Jun 2009	788	13.2	641.92	1669	-67	0.00	255.0	99.5	100	126.2
O	Jul 2009	835	13.6	641.37	1654	-15	0.00	255.0	101.8	100	121.9
R	Aug 2009	756	12.3	641.90	1669	14	0.00	255.0	94.4	100	124.8
I	Sep 2009	726	12.2	635.60	1501	-167	0.00	255.0	89.2	100	122.8
	WY 2009	9008							1106.2		
C	Oct 2009	623	10.1	634.34	1469	-33	0.00	216.8	74.2	85	119.1
A	Nov 2009	590	9.9	635.61	1502	33	0.00	186.2	70.9	73	120.3
L	Dec 2009	532	8.7	638.68	1582	81	0.00	188.7	65.9	74	123.8
*	Jan 2010	456	7.4	644.34	1736	153	0.00	204.0	57.9	80	127.1
	Feb 2010	427	7.7	641.00	1644	-91	136.66	219.3	54.5	86	127.6
	Mar 2010	974	15.8	642.50	1685	41	134.73	255.0	120.6	100	123.9
	Apr 2010	1019	17.1	643.00	1699	14	135.78	255.0	126.8	100	124.4
	May 2010	981	16.0	643.00	1699	0	136.04	255.0	122.6	100	125.0
	Jun 2010	902	15.2	642.00	1671	-27	135.51	255.0	112.6	100	124.8
	Jul 2010	915	14.9	641.50	1658	-14	134.73	255.0	113.6	100	124.2
	Aug 2010	806	13.1	641.50	1658	0	134.46	255.0	100.4	100	124.5
	Sep 2010	789	13.3	638.00	1564	-94	132.63	255.0	96.9	100	122.9
	WY 2010	9014							1117.1		
	Oct 2010	647	10.5	630.49	1371	-193	127.33	237.2	77.0	93	118.9
	Nov 2010	582	9.8	635.00	1486	115	125.82	234.6	68.5	92	117.8
	Dec 2010	488	7.9	638.71	1583	97	130.00	239.7	59.6	94	122.2
	Jan 2011	570	9.3	641.80	1666	83	134.16	219.3	71.1	86	124.8
	Feb 2011	651	11.7	641.80	1666	0	135.05	244.8	81.5	96	125.3
	Mar 2011	946	15.4	643.05	1700	34	135.44	255.0	117.9	100	124.6
	Apr 2011	1103	18.5	643.00	1699	-2	136.07	255.0	137.1	100	124.3
	May 2011	960	15.6	643.00	1699	0	136.04	255.0	120.1	100	125.1
	Jun 2011	850	14.3	642.00	1671	-27	135.51	255.0	106.3	100	125.0
	Jul 2011	878	14.3	641.50	1658	-14	134.73	255.0	109.3	100	124.4
	Aug 2011	787	12.8	641.50	1658	0	134.46	255.0	98.0	100	124.6
	Sep 2011	750	12.6	638.00	1564	-94	132.63	255.0	92.4	100	123.1
	WY 2011	9212							1138.9		
	Oct 2011	576	9.4	633.00	1434	-130	128.65	237.2	69.4	93	120.5
	Nov 2011	496	8.3	635.00	1486	51	127.14	234.6	59.2	92	119.5
	Dec 2011	430	7.0	638.71	1583	97	130.00	239.7	52.7	94	122.6
	Jan 2012	571	9.3	641.80	1666	83	134.16	219.3	71.2	86	124.8

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Parker Dam - Lake Havasu

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Parker Static Head Feet	Parker Generator Capacity MW	Parker Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Feb 2009	397	7.2	446.08	544	-11	0.00	90.0	27.2	75	68.5
H	Mar 2009	736	12.0	446.75	556	12	0.00	87.6	49.2	73	66.8
I	Apr 2009	784	13.2	448.75	595	38	0.00	111.6	53.8	93	68.6
S	May 2009	647	10.5	448.71	594	-1	0.00	120.0	44.9	100	69.4
T	Jun 2009	595	10.0	448.49	590	-4	0.00	120.0	41.3	100	69.5
O	Jul 2009	655	10.6	448.11	582	-7	0.00	120.0	43.4	100	66.3
R	Aug 2009	582	9.5	448.19	584	2	0.00	118.8	39.9	99	68.6
I	Sep 2009	505	8.5	447.16	564	-19	0.00	87.6	35.0	73	69.2
	WY 2009	6347							433.2		
C	Oct 2009	446	7.2	448.03	581	16	0.00	90.0	30.5	75	68.5
A	Nov 2009	365	6.1	447.61	573	-8	0.00	66.0	25.9	55	71.0
L	Dec 2009	301	4.9	447.34	568	-5	0.00	76.8	20.2	64	67.1
*	Jan 2010	233	3.8	448.89	597	29	0.00	81.6	15.6	68	66.8
	Feb 2010	334	6.0	446.50	552	-46	76.48	90.0	21.8	75	65.2
	Mar 2010	713	11.6	447.00	561	9	75.56	90.0	47.4	75	66.5
	Apr 2010	774	13.0	448.71	594	32	76.64	90.0	52.3	75	67.5
	May 2010	699	11.4	448.71	594	0	76.06	120.0	46.4	100	66.5
	Jun 2010	669	11.2	448.71	594	0	76.06	120.0	44.5	100	66.5
	Jul 2010	716	11.6	448.00	580	-14	75.72	120.0	47.5	100	66.3
	Aug 2010	615	10.0	447.50	571	-10	75.13	120.0	40.3	100	65.5
	Sep 2010	527	8.9	446.81	557	-13	74.55	120.0	34.2	100	64.8
	WY 2010	6392							426.6		
	Oct 2010	442	7.2	446.31	548	-9	73.97	120.0	28.2	100	63.9
	Nov 2010	371	6.2	446.50	552	3	75.04	93.6	23.9	78	64.4
	Dec 2010	281	4.6	446.50	552	0	74.66	103.2	17.6	86	62.8
	Jan 2011	344	5.6	446.50	552	0	75.01	96.0	22.0	80	63.9
	Feb 2011	444	8.0	446.50	552	0	74.71	102.0	28.8	85	64.8
	Mar 2011	709	11.5	446.70	555	4	74.01	120.0	46.0	100	64.9
	Apr 2011	810	13.6	448.71	594	38	75.09	120.0	53.5	100	66.1
	May 2011	700	11.4	448.71	594	0	76.06	120.0	46.5	100	66.5
	Jun 2011	651	10.9	448.71	594	0	76.06	120.0	43.2	100	66.4
	Jul 2011	715	11.6	448.00	580	-14	75.72	120.0	47.3	100	66.3
	Aug 2011	630	10.2	447.50	571	-10	75.13	120.0	41.3	100	65.6
	Sep 2011	544	9.1	446.81	557	-13	74.55	120.0	35.3	100	64.9
	WY 2011	6639							433.7		
	Oct 2011	454	7.4	446.31	548	-9	73.97	120.0	29.0	100	63.9
	Nov 2011	369	6.2	446.50	552	3	75.04	93.6	23.8	78	64.4
	Dec 2011	291	4.7	446.50	552	0	74.66	103.2	18.3	86	63.0
	Jan 2012	344	5.6	446.50	552	0	75.01	96.0	22.0	80	63.9

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T Y M R E S E R V O I R S

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Upper Basin Power

		Glen Canyon 1000 MWHR	Flam Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Res 1000 MWHR	Font Res 1000 MWHR
*	Feb 2009	262	24	12	15	4	3
H	Mar 2009	271	20	14	15	10	3
	Winter 2009	1840	156	81	101	50	21
I	Apr 2009	260	19	17	24	16	3
S	May 2009	256	57	33	55	23	4
T	Jun 2009	301	38	54	66	22	8
O	Jul 2009	371	47	45	53	22	8
R	Aug 2009	368	50	39	46	23	9
I	Sep 2009	275	48	28	35	20	6
	Summer 2009	1832	259	216	278	125	38
C	Oct 2009	285	44	24	28	14	4
A	Nov 2009	309	42	8	9	4	0
L	Dec 2009	403	42	13	17	9	0
*	Jan 2010	401	43	12	16	8	3
	Feb 2010	264	32	10	12	6	4
	Mar 2010	247	23	10	13	7	4
	Winter 2010	1908	225	77	95	49	14
	Apr 2010	247	20	17	25	13	4
	May 2010	249	45	30	43	23	6
	Jun 2010	253	61	21	31	20	6
	Jul 2010	341	29	33	40	21	7
	Aug 2010	339	29	34	41	21	7
	Sep 2010	202	28	29	35	18	4
	Summer 2010	1631	213	164	215	116	34
	Oct 2010	209	29	19	23	12	5
	Nov 2010	338	28	9	11	6	6
	Dec 2010	420	29	29	36	18	6
	Jan 2011	417	29	27	34	17	5
	Feb 2011	392	26	17	23	12	4
	Mar 2011	410	29	12	17	9	5
	Winter 2011	2186	171	112	144	75	31
	Apr 2011	426	28	14	22	13	5
	May 2011	449	49	22	36	23	7
	Jun 2011	478	67	21	32	22	9
	Jul 2011	535	42	34	42	23	10
	Aug 2011	497	42	38	45	23	10
	Sep 2011	247	40	35	42	21	3
	Summer 2011	2632	268	164	218	125	44
	Oct 2011	255	42	20	24	13	6
	Nov 2011	248	40	11	14	7	6
	Dec 2011	330	42	29	36	18	6
	Jan 2012	328	42	27	34	17	5

BUREAU OF RECLAMATION - CRFS 2/2010 MOST PROB WATER SUPPLY JOB STARTED:Thur FEB 11 15:39:19 2010

model_run_id = 2050

F L O O D C O N T R O L C R I T E R I A
B E G I N N I N G O F M O N T H C O N D I T I O N S

MON	YEAR	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	LAKE POWELL KAF	UPPER BASIN TOTAL KAF	LAKE MEAD KAF	TOTAL KAF	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	TOT OR MAX ALLOW KAF	LAKE POWELL KAF	LAKE MEAD KAF	TOTAL KAF	BOM SPACE REQD KAF	MEAD SCHED REL KAF	MEAD FC REL KAF	SYS CONT MAF
		* * * * P R E D I C T E D S P A C E * * * *							* * * * E F F E C T I V E S P A C E * * * *									
FEB	2010	729	270	470	10329	11797	15884	27681	192	251	356	799	10329	15884	27012	1500	351	0	33.1
MAR	2010	786	282	481	10560	12109	15538	27647	248	265	366	879	10560	15538	26977	1500	1041	0	32.6
APR	2010	791	284	454	10667	12196	15923	28119	249	270	334	852	10667	15923	27442	1500	1061	0	32.4
MAY	2010	761	265	387	10631	12044	16348	28392	212	248	248	709	10631	16348	27688	1500	1016	0	33.1
JUN	2010	724	183	279	9768	10953	16750	27703	166	153	108	428	9768	16750	26946	1500	902	0	34.2
JUL	2010	633	27	250	8575	9485	17093	26578	65	-25	33	73	8575	17093	25741	1500	924	0	34.0
												* * * * C R E D I T A B L E S P A C E * * * *							
AUG	2010	584	47	267	8592	9490	17248	26738	584	47	267	898	8592	17248	26738	1500	831	0	33.6
SEP	2010	604	100	281	8897	9883	17274	27157	604	100	281	986	8897	17274	27157	2270	712	0	33.1
OCT	2010	643	155	283	8923	10004	17504	27508	643	155	283	1081	8923	17504	27508	3040	458	0	32.9
NOV	2010	672	180	278	8897	10027	17483	27510	672	180	278	1130	8897	17483	27510	3810	714	0	32.8
DEC	2010	702	177	278	9169	10327	17404	27731	702	177	278	1158	9169	17404	27731	4580	605	0	32.7
JAN	2011	748	248	288	9626	10910	17030	27941	748	248	288	1284	9626	17030	27941	5350	675	0	32.6
												* * * * E F F E C T I V E S P A C E * * * *							
JAN	2011	748	248	288	9626	10910	17030	27941	475	248	224	947	9626	17030	27604	5350	675	0	32.6
FEB	2011	790	314	298	10098	11500	16650	28150	514	314	233	1061	10098	16650	27810	1500	665	0	32.4
MAR	2011	819	350	297	10564	12030	16304	28334	541	350	231	1122	10564	16304	27990	1500	1006	0	32.1
APR	2011	801	357	250	10985	12394	16276	28670	517	357	179	1054	10985	16276	28316	1500	1130	0	31.9
MAY	2011	743	336	156	11277	12512	16345	28857	453	336	65	853	11277	16345	28476	1500	996	0	33.0
JUN	2011	625	212	163	10585	11585	16255	27840	323	212	39	574	10585	16255	27415	1500	850	0	34.7
JUL	2011	424	37	220	9447	10128	16032	26160	106	12	48	166	9447	16032	25645	1500	888	0	35.0
												* * * * C R E D I T A B L E S P A C E * * * *							
AUG	2011	336	27	223	9538	10125	15708	25833	336	27	223	587	9538	15708	25833	1500	811	0	34.7
SEP	2011	369	77	237	10076	10758	15348	26106	369	77	237	682	10076	15348	26106	2270	673	0	34.3
OCT	2011	432	146	239	10123	10940	15434	26373	432	146	239	817	10123	15434	26373	3040	450	0	34.1
NOV	2011	494	172	235	10174	11075	15291	26366	494	172	235	901	10174	15291	26366	3810	565	0	34.1
DEC	2011	556	177	235	10222	11189	15261	26450	556	177	235	968	10222	15261	26450	4580	547	0	34.0
JAN	2012	634	248	244	10460	11587	15021	26609	634	248	244	1127	10460	15021	26609	5350	676	0	33.9
												* * * * E F F E C T I V E S P A C E * * * *							
JAN	2012	634	248	244	10460	11587	15021	26609	289	248	162	700	10460	15021	26181	5350	676	0	33.9

February 24-Month Study
Date: February 14, 2020

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

Reservoir	January Inflow (unregulated) (acre-feet)	Percent of Average (%)	February 13, Midnight Elevation (feet)	February 13, Midnight Reservoir Storage (acre-feet)
Fontenelle	34,250	113	6,479.57	164,000
Flaming Gorge	49,050	122	6,027.51	3,2554,000
Blue Mesa	24,700	102	7,485.17	544,340
Navajo	15,900	73	6,050.48	1,300,000
Powell	277,400	77	3,604.22	12,157,000

Expected Operations

The operation of Lake Powell and Lake Mead in this February 2020 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines) and reflects the 2020 Annual Operating Plan (AOP). Pursuant to the Interim Guidelines, the August 2019 24-Month Study projections of the January 1, 2020, system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2020.

Consistent with Section 6.B of the Interim Guidelines, Lake Powell's operations in water year 2020 will be governed by the Upper Elevation Balancing Tier, with an initial water year release volume of 8.23 maf and the potential for an April adjustment to equalization or balancing releases in April 2020. Based on the most probable inflow forecast, this February 24-Month Study projects an annual release of 8.23 maf in water year 2020.

Consistent with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar year 2020. In addition, Section III.B of Exhibit 1 to the Lower Basin Drought Contingency Plan (DCP) Agreement will also govern the operation of Lake Mead in calendar year 2020.

The 2020 AOP is available for download at:

https://www.usbr.gov/lc/region/g4000/aop/AOP20.pdf.
The Interim Guidelines are available for download at:
https://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The Colorado River DCPs are available for download at:
https://www.usbr.gov/lc/region/programs/dcp.html.

Fontenelle Reservoir – As of January 7, 2020, the Fontenelle Reservoir pool elevation is 6480.86 feet, which amounts to 50 percent of live storage capacity. Inflows for the month of January totaled 34,252 acre-feet (af) or 113 percent of average. Releases remain at 1050 cfs.

The January final forecast for unregulated inflows into Fontenelle for the next three months projects near average conditions. February, March, and April inflow volumes amount to 30,000 af (108 percent of average), 48,000 af (91 percent of average), and 75,000 af (88 percent of average), respectively.

The February water supply forecast of the April through July inflow volume into the Fontenelle Reservoir is 620,000 acre-feet (85 percent of average). Current snowpack is 115 percent of median for the Upper Green Basin.

The next Fontenelle Working Group meeting is scheduled for April 22, 2020 from 10:00 a.m. to 12:00 p.m. The meeting is planned to held at the 3 Telephone Canyon Road, Green River, WY 82935. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir.

Flaming Gorge Reservoir – As of February 6, 2020 Flaming Gorge Reservoir pool elevation is 6027.85 feet, which amounts to 87 percent of live storage capacity. Inflows for the month of January is 79,355 (af) or 122 percent of average. The average daily releases are planned to be sustained at 2,150 cfs until the beginning of March 2020. The February final forecast for unregulated inflows into Flaming Gorge for the next three months projects near average conditions. February, March, and April forecasted unregulated inflow volumes at 46,000 af (103 percent of average), 100,000 af (98 percent of average), and 130,000 af (97 percent of average), respectively.

The February water supply forecast of the April through July unregulated inflow volume into Flaming Gorge Reservoir is 870,000 acre-feet (89 percent of average). Current snowpack is 109 percent of median for the Upper Green Basin.

Reclamation is planning to hold the Pre-Flaming Gorge Working Group meeting on March 19, 2020 from 10:00 am to 1:00 pm at the Uintah Conference Center in Vernal UT (313 East 200 South). The Flaming Gorge Working Group meeting to review stakeholders comments and input is scheduled for April 16, 2020 from 10:00 a.m. to 1:00 p.m. at Carbon County Event Center, 450 S Fairgrounds Rd, Price, UT 84501, USA.

The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stakeholders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations and plans presented by Reclamation at these meetings. Meeting notes from past Working Group meetings are posted on the Working Group webpage. For more information on this group and these meetings please contact Dale Hamilton at 801-379-1186.

Aspinall Unit Reservoirs – As of February 9, 2020 releases from Crystal Dam are approximately 800 cfs. Gunnison Tunnel diversions are occurring about every 2 weeks to refill Fairview Reservoir. Flows in the Black Canyon are about 780 cfs. Releases from Crystal are projected to remain at about this level for the foreseeable future.

Blue Mesa did fill in 2019 and achieved a peak elevation on July 25, 2019 of 7519.15 feet above sea level which corresponded to a storage content of 827,000 af (99 percent of full pool). Since this peak filling, Blue Mesa's elevation has declined to 7485.04 feet above sea level on February 9, 2020 and this trend will continue until about the beginning of April 2020.

The unregulated inflow volume in January to Blue Mesa was 24.7 kaf (103 percent of average). Unregulated Inflow volumes forecasted for Blue Mesa for the next three months (February, March, April) are projected to be: 23,000 af (105 percent of average), 37,000 af (103 percent of average) and 65,000 af (87 percent of average), respectively. The February 24-Month Study is reflective of these new forecasts. The April through July forecasted most probable unregulated inflow volume to Blue Mesa is 560,000 af (83 percent of average). The 2020 water year forecasted unregulated inflow volume is 818,000 af which is 85 percent of average.

The Aspinall Unit Working Group is an open public forum for information exchange between Reclamation and the stakeholders of the Aspinall Unit. The public is encouraged to attend and comments on the operations and plans presented by Reclamation at these meetings. Meeting notes from past working Group meetings are posted on the Working Group webpage. For more information on this group and these meetings please contact Erik Knight in the Grand Junction Area Office at (970) 248-0629.

The next meeting of the Aspinall Unit Working Group will be held on Thursday, April 23, 2020 at 1:00 pm at the Western Colorado Area Office located at 445 West Gunnison Avenue in Grand Junction, Colorado.

Navajo Reservoir – On February 10th, the daily average release rate from Navajo Dam was approximately 429 cfs while reservoir inflow (modified unregulated) was averaging approximately 288 cfs. The water surface elevation was 6056.35 feet above sea level. At this elevation the live storage is 1.30 maf (77 percent of live storage capacity) and the active storage is 0.64 maf (62 percent of active storage capacity). NIIP is diverting 34 cfs. The river flow measured at the Animas River at Farmington USGS gage was at 202 cfs. River flow at the San Juan River at Four Corners USGS gage was 794 cfs.

Releases from Navajo Dam are made for authorized purposes of the Navajo Unit and are pursuant to the Record of Decision for the Navajo Reservoir Operations.

Preliminary modified-unregulated inflow into Navajo (inflow adjusted for upstream change in storage, reservoir evaporation and exportation from the basin) in December was 16 kaf (77 percent of average for the month).

Forecast modified-unregulated inflow to Navajo over the next three months (February, March, and April) are projected to be: 20 kaf (66 percent of average), 51 kaf (55 percent of average), and 92 kaf (54 percent of average), respectively.

The April through July runoff forecasts are as follows:
Min Probable: 320,000 af (43 percent of average)
Most Probable: 500,000 af (68 percent of average)
Max Probable: 815,000 af (111 percent of average)

Releases for the fall and winter will be made to target the San Juan River Recovery Implementation Program's recommended baseflow range of 500 cfs to 1000 cfs. Releases will likely range between 300 cfs and 600 cfs throughout the winter.

Reclamation conducts Public Operations Meetings three times per year to gather input for determining upcoming operations for Navajo Reservoir. Input from individuals, organizations, and agencies along with other factors such as weather, water rights, endangered species requirements, flood control, hydro power, recreation, fish and wildlife management, and reservoir levels, will be considered in the development of these reservoir operation plans. In addition, the meetings are used to coordinate activities and exchange information among agencies, water users, and other interested parties concerning the San Juan River and Navajo Reservoir. The next Navajo Unit Coordination Meeting will be held Tuesday, April 21, 2020 at 1:00 pm at the Farmington Civic Center (200 West Arrington, Farmington, NM).

Glen Canyon Dam / Lake Powell

Current Status

The unregulated inflow volume to Lake Powell during January was 277 thousand acre-feet (kaf) (77 percent of average). The release volume from Glen Canyon Dam in January was 760 kaf. The end of January elevation and storage of Lake Powell were 3,605 ft (95 feet from full pool) and 12.28 maf (50 percent of full capacity), respectively.

Current Operations
The operating tier for water year 2020 (September 2019 through October 2020) was established in August 2019 as the Upper Elevation Balancing Tier, consistent with Section 6.B of the Interim Guidelines. Under this Tier the initial annual water year release volume is 8.23 maf, and if the April 2020 24-Month Study projects the end of water year elevation at Lake Powell to be above 3,575 feet, and the end of water year

elevation at Lake Mead to be below 1,075 feet, Lake Powell operations will shift to balancing releases for the remainder of water year 2020. If the April 2020 24-Month Study projects the end of water year elevation to be above the 2020 Equalization elevation of 3,657 feet Lake Powell operations will shift to Equalization releases for the remainder of water year 2020. Reclamation will schedule operations at Glen Canyon Dam to achieve as practicably as possible the appropriate total annual release volume by September 30, 2020.

In February, the release volume will be approximately 675 kaf, with fluctuations anticipated between about 8,300 cfs in the nighttime to about 14,370 cfs in the daytime, and consistent with the Glen Canyon Dam, Record of Decision (dated December 2016). The anticipated release volume for March is 700 kaf with daily fluctuations between approximately 7,635 cfs and 13,935 cfs. The expected release for April is 630 kaf.

In addition to daily scheduled fluctuations for power generation, the instantaneous releases from Glen Canyon Dam may also fluctuate to provide 40 megawatts (mw) of system regulation. These instantaneous release adjustments stabilize the electrical generation and transmission system and translate to a range of about 1,200 cfs above or below the hourly scheduled release rate. Under system normal conditions, fluctuations for regulation are typically short lived and generally balance out over the hour with minimal or no noticeable impacts on downstream river flow conditions.

Releases from Glen Canyon Dam can also fluctuate beyond scheduled releases when called upon to respond to unscheduled power outages or power system emergencies. Depending on the severity of the system emergency, the response from Glen Canyon Dam can be significant, within the full range of the operating capacity of the power plant for as long as is necessary to maintain balance in the transmission system. Glen Canyon Dam currently maintains 30 mw (approximately 800 cfs) of generation capacity in reserve in order to respond to a system emergency even when generation rates are already high. System emergencies occur fairly infrequently and typically require small responses from Glen Canyon Dam. However, these responses can have a noticeable impact on the river downstream of Glen Canyon Dam.

Inflow Forecasts and Model Projections

The forecast for water year 2020 unregulated inflow to Lake Powell, issued on February 4, 2020, by the Colorado Basin River Forecast Center, projects that the most probable (median) unregulated inflow volume this year will be 8.64 maf (80 percent of average). There is significant uncertainty regarding this season's snowpack development and resulting runoff into Lake Powell. Reclamation updates the minimum and maximum probable forecasts four times a year: January, April, August and October. The January forecast ranges from a minimum probable of 6.4 maf (59 percent of average) to a maximum probable of 12.82 maf (118 percent of average). There is a 10 percent chance that inflows could be higher than the current maximum probable forecast and a 10 percent chance that inflows could be lower than the minimum probable forecast.

Based on the current forecast, the February 24-Month Study projects Lake Powell elevation will end water year 2020 near 3,617.32 feet with approximately 13.48 maf in storage (55 percent of capacity). Note that projections of elevation and storage for water year 2020 have significant uncertainty at this point in the season. Projections of end of water year 2020 elevation and storage using the minimum and maximum probable inflow forecast from January 2020 are 3,598.83 feet (11.64 maf, 48 percent of capacity) and 3,649.60 feet (17.17 maf, 71 percent of capacity), respectively. Under these scenarios, there is a 10 percent chance that inflows will be higher, resulting in higher elevation and storage, and 10 percent chance that inflows will be lower, resulting in lower elevation and storage. The annual release volume from Lake Powell during water year 2020 is projected to be 8.23 maf under the February most probable and the January minimum and maximum probable inflow scenarios.

Upper Colorado River Basin Hydrology

Upper Colorado River Basin regularly experiences significant year to year hydrologic variability. During the 20-year period 2000 to 2019, however, the unregulated inflow to Lake Powell, which is a good measure of hydrologic conditions in the Colorado River Basin, was above average in only 4 out of the past 19 years. The period 2000-2019 is the lowest 20-year period since the closure of Glen Canyon Dam in 1963, with an average unregulated inflow of 8.76 maf, or 81 percent of the 30-year average (1981-2010). (For comparison, the 1981-2010 total water year average is 10.83 maf.) The unregulated inflow during the 2000-2019 period has ranged from a low of 2.64 maf (24 percent of average) in water year 2002 to a high of 15.97 maf (147 percent of average) in water year 2011. In water year 2018 unregulated inflow volume to Lake Powell was 4.6 maf (43 percent of average), the third driest year on record above 2002 and 1977. Under the current most probable forecast, the total water year 2020 unregulated inflow to Lake Powell is projected to be 8.64 maf (80 percent of average).

At the beginning of water year 2020, total system storage in the Colorado River Basin was 31.64 maf (53 percent of 59.6 maf total system capacity). This is an increase of 3.64 maf over the total storage at the beginning of water year 2019 when total system storage was 28 maf (47 percent of capacity). Since the beginning of water year 2000, total Colorado Basin storage has experienced year to year increases and decreases in response to wet and dry hydrology, ranging from a high of 94 percent of capacity at the beginning of 2000 to the now current level of 53 percent of capacity at the beginning of water year 2020. Based on current inflow forecasts, the current projected end of water year total Colorado Basin reservoir storage for water year 2020 is approximately 30.86 maf (52 percent of total system capacity). The actual end of water year 2020 system storage may vary from this projection, primarily due to uncertainty regarding this season’s runoff and reservoir inflow.

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-430
125 SOUTH STATE STREET, ROOM 8100
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-3709

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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:	Obs				sep	Forecast				
:	oct	nov	dec	jan	%Avg	feb	mar	apr	apr-jul	%Avg
GLDA3:Lake Powell	265	404	353	277	77%:	340/	550/	750/	5700/:	80%
GBRW4:Fontenelle	51	47	36	34	112%:	30/	48/	75/	620/:	86%
GRNU1:Flaming Gorge	53	63	43	49	122%:	46/	100/	130/	870/:	89%
BMDC2:Blue Mesa	28	31	29	25	103%:	23/	37/	65/	560/:	83%
MPSC2:Morrow Point	29	32	30	27	102%:	26/	41/	75/	610/:	82%
CLSC2:Crystal	33	35	34	31	99%:	29/	46/	85/	685/:	82%
TPIC2:Taylor Park	7.4	4.8	5.4	4.6	108%:	4.0/	4.0/	7.0/	85/:	86%
VCRC2:Vallecito	4.4	4.1	3.9	4.6	85%:	3.5/	5.5/	15/	146/:	75%
NVRN5:Navajo	5.8	14.9	16.2	15.9	73%:	20/	51/	92/	500/:	68%
LEMC2:Lemon	0.60	0.55	0.65	0.56	64%:	0.5/	1.0/	4/	40/:	73%
MPHC2:McPhee	2.5	2.3	3.0	2.4	53%:	3.5/	13.0/	50.0/	235/:	80%
RBSC2:Ridgway	4.8	4.7	3.9	3.4	85%:	3.4/	5.0/	9.0/	84/:	83%
YDLC2:Deerlodge	22	29	29	25	101%:	24/	75/	205/	1260/:	102%
DRGC2:Durango	14.5	12.5	9.8	8.5	64%:	8.0/	14.0/	32.0/	310/:	75%

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

February 2020 24-Month Study

Most Probable Inflow*

Fontenelle Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Feb 2019	26	0	55	1	56	6470.41	120
H	Mar 2019	37	0	61	0	61	6464.13	95
I	Apr 2019	114	1	71	0	71	6474.10	137
S	May 2019	167	1	98	0	98	6486.46	204
T	Jun 2019	337	2	107	171	278	6494.89	261
O	Jul 2019	184	3	86	39	125	6502.48	317
R	Aug 2019	57	2	74	0	74	6499.98	298
I	Sep 2019	41	2	19	47	66	6496.36	271
	WY 2019	**1101**	**15**	**799**	**278**	**1077**		
C	Oct 2019	51	1	61	7	68	6493.83	253
A	Nov 2019	47	1	63	0	63	6491.39	236
L	Dec 2019	36	1	65	0	65	6487.01	208
*	Jan 2020	34	1	65	0	65	6481.89	177
	Feb 2020	30	1	60	0	60	6476.02	146
	Mar 2020	48	0	71	0	71	6470.91	123
	Apr 2020	75	1	77	0	77	6470.22	120
	May 2020	135	1	88	0	88	6479.79	166
	Jun 2020	265	2	102	23	126	6500.50	303
	Jul 2020	145	3	101	13	114	6504.19	331
	Aug 2020	60	2	76	0	76	6501.82	313
	Sep 2020	45	2	20	46	65	6498.88	291
	WY 2020	**971**	**15**	**850**	**88**	**938**		
	Oct 2020	48	1	68	0	68	6496.03	270
	Nov 2020	42	1	65	0	65	6492.58	245
	Dec 2020	32	1	68	0	68	6487.08	209
	Jan 2021	30	1	68	0	68	6480.78	171
	Feb 2021	28	1	61	0	61	6474.07	137
	Mar 2021	53	0	70	0	70	6470.11	120
	Apr 2021	85	1	79	0	79	6471.38	125
	May 2021	164	1	91	0	91	6485.02	196
	Jun 2021	299	2	104	82	185	6501.15	308
	Jul 2021	178	3	100	43	144	6505.13	339
	Aug 2021	77	2	72	0	72	6505.45	341
	Sep 2021	46	2	19	46	65	6502.72	320
	WY 2021	**1081**	**15**	**865**	**171**	**1036**		
	Oct 2021	49	1	77	0	77	6498.85	290
	Nov 2021	42	1	71	0	71	6494.71	260
	Dec 2021	32	1	74	0	74	6488.40	218
	Jan 2022	30	1	74	0	74	6481.23	174

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3113

Processed On: 2/13/2020 10:27:59AM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

February 2020 24-Month Study

Most Probable Inflow*

Flaming Gorge Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	Feb 2019	34	63	2	112	0	112	127	6024.69	3149	143
H	Mar 2019	74	99	3	58	0	58	128	6025.67	3185	128
I	Apr 2019	240	198	5	71	0	71	133	6028.79	3303	341
S	May 2019	252	183	8	99	0	99	136	6030.71	3376	568
T	Jun 2019	460	400	11	215	100	315	139	6032.55	3448	950
O	Jul 2019	227	169	14	100	0	100	141	6033.89	3502	376
R	Aug 2019	59	76	13	109	0	109	139	6032.79	3458	151
I	Sep 2019	49	74	11	113	0	113	137	6031.57	3410	134
	WY 2019	**1553**	**1529**	**82**	**1315**	**100**	**1415**				**3351**
C	Oct 2019	53	70	7	80	0	80	136	6031.13	3393	109
A	Nov 2019	63	79	4	81	0	81	136	6030.99	3387	115
L	Dec 2019	43	72	2	132	0	132	134	6029.43	3327	169
*	Jan 2020	49	79	2	133	0	133	132	6028.03	3274	168
	Feb 2020	46	76	2	124	0	124	130	6026.77	3226	148
	Mar 2020	100	123	3	120	0	120	130	6026.77	3226	195
	Apr 2020	130	132	5	116	0	116	130	6027.07	3237	321
	May 2020	210	163	8	52	0	52	134	6029.67	3336	562
	Jun 2020	365	226	10	282	58	340	129	6026.51	3217	810
	Jul 2020	165	134	13	78	0	78	131	6027.60	3257	153
	Aug 2020	65	81	12	92	0	92	130	6027.00	3235	113
	Sep 2020	50	70	11	89	0	89	129	6026.24	3206	104
	WY 2020	**1339**	**1306**	**80**	**1380**	**58**	**1438**				**2968**
	Oct 2020	55	75	7	75	0	75	129	6026.05	3199	103
	Nov 2020	50	73	3	71	0	71	129	6026.00	3197	101
	Dec 2020	35	71	2	77	0	77	128	6025.80	3190	102
	Jan 2021	40	78	2	77	0	77	128	6025.77	3189	102
	Feb 2021	45	78	2	69	0	69	129	6025.94	3195	97
	Mar 2021	102	120	3	101	0	101	129	6026.33	3210	178
	Apr 2021	134	127	5	98	0	98	130	6026.95	3233	313
	May 2021	245	173	8	55	0	55	134	6029.73	3338	587
	Jun 2021	390	276	10	238	75	313	132	6028.53	3293	733
	Jul 2021	210	176	14	77	0	77	136	6030.69	3376	177
	Aug 2021	89	84	13	98	0	98	135	6030.01	3349	124
	Sep 2021	55	75	11	95	0	95	134	6029.21	3319	114
	WY 2021	**1449**	**1405**	**80**	**1133**	**75**	**1208**				**2731**
	Oct 2021	59	87	7	77	0	77	134	6029.30	3322	109
	Nov 2021	51	80	3	94	0	94	133	6028.86	3305	126
	Dec 2021	35	77	2	141	0	141	130	6027.17	3241	167
	Jan 2022	40	84	2	141	0	141	128	6025.65	3184	166

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3113

Processed On: 2/13/2020 10:27:59AM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

February 2020 24-Month Study

Most Probable Inflow*

Taylor Park Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Feb 2019	3	3	9303.16	60
H	Mar 2019	5	4	9303.75	60
I	Apr 2019	10	7	9306.14	64
S	May 2019	21	26	9302.64	59
T	Jun 2019	68	38	9320.92	89
O	Jul 2019	47	32	9328.49	103
R	Aug 2019	15	24	9323.77	94
I	Sep 2019	7	20	9316.42	81
	WY 2019	**191**	**168**		
C	Oct 2019	7	11	9314.38	77
A	Nov 2019	5	6	9313.69	76
L	Dec 2019	5	6	9313.35	75
*	Jan 2020	5	6	9312.60	74
	Feb 2020	4	6	9311.65	73
	Mar 2020	4	6	9310.32	70
	Apr 2020	7	6	9310.98	71
	May 2020	23	13	9316.82	81
	Jun 2020	40	22	9326.51	99
	Jul 2020	15	22	9323.12	93
	Aug 2020	9	19	9317.57	83
	Sep 2020	4	18	9309.33	69
	WY 2020	**128**	**140**		
	Oct 2020	5	7	9307.62	66
	Nov 2020	4	5	9307.15	65
	Dec 2020	5	5	9306.81	65
	Jan 2021	4	5	9306.24	64
	Feb 2021	4	5	9305.64	63
	Mar 2021	4	5	9305.13	62
	Apr 2021	9	10	9304.28	61
	May 2021	28	14	9313.42	75
	Jun 2021	42	20	9325.45	97
	Jul 2021	20	24	9323.70	94
	Aug 2021	10	19	9319.00	85
	Sep 2021	7	18	9313.14	75
	WY 2021	**143**	**137**		
	Oct 2021	7	12	9310.16	70
	Nov 2021	5	5	9310.20	70
	Dec 2021	5	5	9309.87	70
	Jan 2022	4	5	9309.34	69

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3113

Processed On: 2/13/2020 10:27:59AM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

February 2020 24-Month Study

Most Probable Inflow*

Blue Mesa Reservoir

	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Feb 2019	20	20	0	23	0	23	7437.59	248
H	Mar 2019	28	27	0	25	0	25	7438.01	250
I	Apr 2019	121	118	0	33	0	33	7453.91	335
S	May 2019	214	218	1	86	18	105	7471.68	447
T	Jun 2019	471	444	1	124	70	194	7504.14	696
O	Jul 2019	282	266	2	87	51	138	7518.61	823
R	Aug 2019	92	100	1	76	62	137	7514.39	784
I	Sep 2019	32	45	1	45	47	93	7508.84	736
	WY 2019	**1344**	**1320**	**7**	**601**	**260**	**859**		
C	Oct 2019	28	32	1	82	3	85	7502.51	682
A	Nov 2019	31	32	0	72	0	72	7497.65	642
L	Dec 2019	29	30	0	84	0	84	7490.79	588
*	Jan 2020	25	26	0	59	0	59	7486.45	554
	Feb 2020	23	25	0	43	0	43	7483.92	535
	Mar 2020	37	39	0	44	0	44	7483.21	530
	Apr 2020	65	64	1	67	0	67	7482.75	526
	May 2020	175	165	1	162	0	162	7483.02	528
	Jun 2020	230	212	1	54	0	54	7502.84	685
	Jul 2020	90	97	1	89	0	89	7503.55	691
	Aug 2020	51	61	1	65	25	91	7499.88	660
	Sep 2020	35	49	1	74	0	74	7496.61	634
	WY 2020	**819**	**831**	**8**	**896**	**28**	**925**		
	Oct 2020	36	39	1	61	0	61	7493.74	611
	Nov 2020	30	31	0	19	0	19	7495.22	623
	Dec 2020	26	26	0	62	0	62	7490.61	586
	Jan 2021	24	25	0	44	0	44	7488.18	567
	Feb 2021	22	23	0	43	0	43	7485.54	547
	Mar 2021	36	37	0	0	45	45	7484.34	538
	Apr 2021	77	78	1	0	57	57	7487.00	558
	May 2021	221	207	1	6	31	37	7507.76	726
	Jun 2021	261	239	1	166	0	166	7515.96	798
	Jul 2021	117	120	2	97	0	97	7518.29	820
	Aug 2021	63	72	1	108	0	108	7514.21	783
	Sep 2021	38	48	1	90	0	90	7509.27	740
	WY 2021	**952**	**946**	**9**	**698**	**134**	**832**		
	Oct 2021	38	43	1	84	0	84	7504.39	698
	Nov 2021	31	31	0	62	0	62	7500.65	667
	Dec 2021	26	26	0	104	0	104	7490.96	589
	Jan 2022	24	25	0	57	0	57	7486.82	557

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3113

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

February 2020 24-Month Study

Most Probable Inflow*

Morrow Point Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Feb 2019	20	23	0	24	23	0	23	7147.57	107
H	Mar 2019	29	25	1	26	26	0	26	7146.90	107
I	Apr 2019	136	33	15	47	41	0	41	7155.16	113
S	May 2019	240	105	25	130	127	0	131	7154.68	113
T	Jun 2019	512	194	41	235	186	0	234	7155.10	113
O	Jul 2019	295	138	13	150	151	0	151	7154.18	112
R	Aug 2019	93	137	2	139	137	0	139	7153.99	112
I	Sep 2019	32	93	1	93	60	0	96	7151.09	110
	WY 2019	**1446**	**859**	**102**	**961**	**858**	**0**	**949**		
C	Oct 2019	29	85	1	86	78	0	89	7147.93	107
A	Nov 2019	32	72	1	72	71	0	71	7149.15	108
L	Dec 2019	30	84	1	85	85	0	85	7149.15	108
*	Jan 2020	27	59	2	61	63	0	63	7147.57	107
	Feb 2020	26	43	3	46	46	0	46	7147.94	107
	Mar 2020	41	44	4	48	48	0	48	7147.94	107
	Apr 2020	75	67	10	77	77	0	77	7147.94	107
	May 2020	195	162	20	182	182	0	182	7147.94	107
	Jun 2020	245	54	15	69	69	0	69	7147.94	107
	Jul 2020	95	89	5	94	94	0	94	7147.94	107
	Aug 2020	54	91	3	94	94	0	94	7147.94	107
	Sep 2020	37	74	2	76	76	0	76	7147.94	107
	WY 2020	**886**	**925**	**67**	**992**	**983**	**0**	**994**		
	Oct 2020	38	61	2	63	63	0	63	7147.94	107
	Nov 2020	32	19	2	21	21	0	21	7147.94	107
	Dec 2020	28	62	2	64	64	0	64	7147.94	107
	Jan 2021	27	44	2	46	46	0	46	7147.94	107
	Feb 2021	25	43	3	46	46	0	46	7147.94	107
	Mar 2021	40	45	4	49	49	0	49	7147.94	107
	Apr 2021	88	57	11	69	69	0	69	7147.94	107
	May 2021	247	37	26	63	63	0	63	7147.94	107
	Jun 2021	281	166	20	186	186	0	186	7147.94	107
	Jul 2021	123	97	6	104	104	0	104	7147.94	107
	Aug 2021	67	108	3	111	111	0	111	7147.94	107
	Sep 2021	41	90	3	93	93	0	93	7147.94	107
	WY 2021	**1037**	**832**	**84**	**916**	**916**	**0**	**916**		
	Oct 2021	41	84	3	87	87	0	87	7147.94	107
	Nov 2021	33	62	2	64	64	0	64	7147.94	107
	Dec 2021	28	104	2	106	106	0	106	7147.94	107
	Jan 2022	27	57	2	59	59	0	59	7147.94	107

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3113

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

February 2020 24-Month Study

Most Probable Inflow*

Crystal Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
*	Feb 2019	24	23	3	27	9	17	26	6748.26	16	1	25
H	Mar 2019	34	26	5	32	30	0	30	6752.77	17	0	29
I	Apr 2019	150	41	15	55	55	0	55	6753.29	17	26	29
S	May 2019	264	131	24	155	108	31	153	6759.30	19	47	105
T	Jun 2019	558	234	46	280	115	73	282	6753.12	17	51	231
O	Jul 2019	321	151	26	177	121	57	178	6746.79	15	59	124
R	Aug 2019	98	139	5	144	119	28	147	6733.35	12	64	87
I	Sep 2019	36	96	4	99	94	0	95	6750.61	16	61	33
	WY 2019	**1587**	**949**	**142**	**1091**	**768**	**210**	**1087**			**344**	**747**
C	Oct 2019	33	89	3	92	92	0	92	6749.75	16	64	29
A	Nov 2019	35	71	4	75	76	0	76	6746.90	15	2	72
L	Dec 2019	34	85	4	89	89	0	89	6746.40	15	0	86
*	Jan 2020	31	63	4	67	58	9	67	6745.61	15	1	64
	Feb 2020	29	46	3	49	48	0	48	6749.63	16	0	48
	Mar 2020	46	48	5	53	53	0	53	6749.63	16	5	48
	Apr 2020	85	77	10	87	87	0	87	6749.63	16	42	45
	May 2020	225	182	30	212	136	76	212	6749.63	16	62	150
	Jun 2020	275	69	30	99	99	0	99	6749.63	16	61	38
	Jul 2020	100	94	5	99	99	0	99	6749.63	16	65	34
	Aug 2020	62	94	8	102	102	0	102	6749.63	16	65	37
	Sep 2020	41	76	4	80	80	0	80	6749.63	16	55	25
	WY 2020	**996**	**994**	**110**	**1104**	**1019**	**86**	**1104**			**421**	**676**
	Oct 2020	43	63	5	68	68	0	68	6749.63	16	30	38
	Nov 2020	37	21	4	25	25	0	25	6749.63	16	0	25
	Dec 2020	32	64	5	69	69	0	69	6749.63	16	0	69
	Jan 2021	31	46	5	51	51	0	51	6749.63	16	0	51
	Feb 2021	29	46	4	50	50	0	50	6749.63	16	0	50
	Mar 2021	46	49	6	56	56	0	56	6749.63	16	5	51
	Apr 2021	101	69	12	81	81	0	81	6749.63	16	42	39
	May 2021	281	63	34	98	98	0	98	6749.63	16	62	36
	Jun 2021	315	186	34	220	132	88	220	6749.63	16	61	159
	Jul 2021	138	104	14	118	118	0	118	6749.63	16	65	53
	Aug 2021	75	111	8	119	119	0	119	6749.63	16	65	54
	Sep 2021	47	93	6	99	52	47	99	6749.63	16	55	44
	WY 2021	**1175**	**916**	**138**	**1054**	**919**	**135**	**1054**			**385**	**669**
	Oct 2021	47	87	6	93	93	0	93	6749.63	16	30	63
	Nov 2021	38	64	5	69	69	0	69	6749.63	16	0	69
	Dec 2021	32	106	5	111	111	0	111	6749.63	16	0	111
	Jan 2022	31	59	5	64	64	0	64	6749.63	16	0	64

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3113

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

February 2020 24-Month Study

Most Probable Inflow*

Vallecito Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Feb 2019	4	0	7627.67	41
H	Mar 2019	6	6	7627.39	40
I	Apr 2019	32	25	7631.32	47
S	May 2019	58	41	7640.08	64
T	Jun 2019	160	101	7664.36	124
O	Jul 2019	69	68	7664.45	124
R	Aug 2019	20	38	7657.21	105
I	Sep 2019	8	33	7646.82	79
	WY 2019	**378**	**316**		
C	Oct 2019	4	13	7643.13	71
A	Nov 2019	4	2	7644.14	73
L	Dec 2019	4	2	7645.07	75
*	Jan 2020	5	2	7646.26	78
	Feb 2020	4	2	7646.99	80
	Mar 2020	6	2	7648.46	84
	Apr 2020	15	2	7653.78	96
	May 2020	52	31	7661.68	117
	Jun 2020	58	51	7664.20	123
	Jul 2020	21	41	7656.17	102
	Aug 2020	15	38	7646.66	79
	Sep 2020	14	29	7639.63	64
	WY 2020	**201**	**213**		
	Oct 2020	14	16	7638.17	61
	Nov 2020	8	2	7640.83	66
	Dec 2020	6	2	7642.86	71
	Jan 2021	5	2	7644.42	74
	Feb 2021	5	2	7645.73	77
	Mar 2021	9	2	7648.54	84
	Apr 2021	23	2	7657.15	105
	May 2021	71	53	7664.04	123
	Jun 2021	70	70	7663.86	123
	Jul 2021	29	42	7658.89	109
	Aug 2021	20	38	7651.55	91
	Sep 2021	17	30	7646.29	78
	WY 2021	**278**	**260**		
	Oct 2021	16	17	7645.52	77
	Nov 2021	9	2	7648.19	83
	Dec 2021	6	2	7650.04	87
	Jan 2022	5	2	7651.48	91

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

February 2020 24-Month Study

Most Probable Inflow*

Navajo Reservoir

	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azotea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Farmington Flow (1000 Ac-Ft)
*	Feb 2019	17	0	14	1	1	16	6014.90	865	37
H	Mar 2019	114	1	113	1	4	18	6024.61	955	62
I	Apr 2019	230	24	203	2	20	20	6040.36	1117	102
S	May 2019	270	34	215	3	25	25	6054.45	1279	139
T	Jun 2019	491	57	376	4	36	114	6071.44	1501	386
O	Jul 2019	171	26	142	5	47	60	6073.56	1531	228
R	Aug 2019	40	6	52	4	42	78	6068.40	1459	104
I	Sep 2019	3	0	29	3	29	67	6063.13	1388	71
	WY 2019	**1401**	**150**	**1188**	**26**	**211**	**483**			**1264**
C	Oct 2019	6	0	15	2	6	33	6061.08	1362	46
A	Nov 2019	15	0	13	1	0	25	6060.04	1348	45
L	Dec 2019	16	0	14	1	0	36	6058.25	1326	59
*	Jan 2020	16	0	13	1	0	30	6056.81	1308	44
	Feb 2020	20	0	18	1	0	23	6056.38	1302	31
	Mar 2020	51	2	45	2	6	22	6057.69	1319	36
	Apr 2020	92	9	70	2	21	21	6059.69	1344	53
	May 2020	205	26	158	4	36	30	6066.44	1432	138
	Jun 2020	170	21	142	4	53	30	6070.45	1487	155
	Jul 2020	33	1	53	5	57	31	6067.57	1447	76
	Aug 2020	28	1	49	4	48	32	6065.01	1413	60
	Sep 2020	30	1	44	3	26	46	6062.67	1382	70
	WY 2020	**682**	**61**	**634**	**28**	**253**	**359**			**812**
	Oct 2020	37	2	38	2	9	31	6062.40	1379	54
	Nov 2020	30	0	24	1	0	30	6061.89	1372	46
	Dec 2020	25	0	21	1	0	31	6061.05	1361	46
	Jan 2021	22	0	18	1	0	31	6060.03	1348	44
	Feb 2021	30	0	27	1	0	28	6059.88	1346	40
	Mar 2021	92	9	77	2	6	31	6062.91	1385	53
	Apr 2021	170	21	128	3	22	30	6068.46	1459	82
	May 2021	277	37	222	4	37	187	6068.07	1454	333
	Jun 2021	224	29	195	4	53	272	6057.72	1319	424
	Jul 2021	66	5	74	4	57	43	6055.23	1288	110
	Aug 2021	45	2	61	3	48	31	6053.49	1267	69
	Sep 2021	43	2	54	3	26	30	6053.09	1262	62
	WY 2021	**1062**	**106**	**938**	**27**	**258**	**772**			**1364**
	Oct 2021	47	2	46	2	9	31	6053.49	1267	59
	Nov 2021	34	0	27	1	0	30	6053.19	1264	48
	Dec 2021	25	0	21	1	0	31	6052.29	1253	46
	Jan 2022	22	0	18	1	0	31	6051.21	1240	44

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

February 2020 24-Month Study

Most Probable Inflow*

Lake Powell

	Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry Gage (1000 Ac-Ft)
*	Feb 2019	255	339	7	730	0	730	3571.89	4795	9261	741
H	Mar 2019	625	574	11	791	0	791	3569.28	4778	9049	798
I	Apr 2019	1242	899	18	720	0	720	3571.12	4790	9198	734
S	May 2019	2511	1980	23	720	0	720	3584.65	4881	10343	752
T	Jun 2019	4206	3583	41	765	0	765	3611.82	5087	12914	807
O	Jul 2019	2451	2015	57	857	0	857	3621.60	5168	13933	896
R	Aug 2019	472	608	58	900	0	900	3618.55	5143	13610	932
I	Sep 2019	143	379	52	687	0	687	3615.36	5116	13277	703
	WY 2019	**12951**	**11787**	**356**	**8924**	**77**	**9001**				**9242**
C	Oct 2019	265	397	35	625	0	625	3612.99	5096	13034	633
A	Nov 2019	404	466	34	626	0	626	3611.23	5082	12855	630
L	Dec 2019	353	506	27	750	0	750	3608.74	5062	12604	756
*	Jan 2020	277	419	8	760	0	760	3605.48	5036	12281	767
	Feb 2020	340	439	9	675	0	675	3603.16	5018	12055	684
	Mar 2020	550	555	15	700	0	700	3601.64	5006	11907	714
	Apr 2020	750	697	23	630	0	630	3602.06	5010	11948	645
	May 2020	1700	1417	28	630	0	630	3609.20	5066	12650	641
	Jun 2020	2400	2132	47	650	0	650	3622.03	5172	13980	661
	Jul 2020	850	817	58	750	0	750	3622.11	5173	13988	769
	Aug 2020	400	520	58	835	0	835	3618.86	5145	13643	852
	Sep 2020	355	477	52	599	0	599	3617.32	5132	13482	612
	WY 2020	**8644**	**8844**	**394**	**8230**	**0**	**8230**				**8364**
	Oct 2020	468	517	36	640	0	640	3615.91	5120	13335	650
	Nov 2020	452	463	34	640	0	640	3614.01	5105	13139	641
	Dec 2020	363	447	27	720	0	720	3611.29	5083	12861	726
	Jan 2021	361	426	8	860	0	860	3607.21	5050	12451	871
	Feb 2021	393	437	9	750	0	750	3604.17	5026	12153	759
	Mar 2021	665	627	15	800	0	800	3602.38	5012	11979	814
	Apr 2021	1056	902	23	710	0	710	3603.99	5025	12135	725
	May 2021	2343	1953	29	710	0	710	3615.18	5114	13259	721
	Jun 2021	2666	2624	49	750	0	750	3630.86	5250	14949	761
	Jul 2021	1091	977	62	850	0	850	3631.39	5254	15009	869
	Aug 2021	500	590	62	900	0	900	3628.31	5227	14665	917
	Sep 2021	408	515	56	670	0	670	3626.54	5211	14469	684
	WY 2021	**10766**	**10477**	**411**	**9000**	**0**	**9000**				**9138**
	Oct 2021	512	571	38	640	0	640	3625.63	5203	14370	650
	Nov 2021	473	544	37	640	0	640	3624.50	5193	14246	641
	Dec 2021	363	553	29	720	0	720	3622.82	5179	14064	726
	Jan 2022	361	504	9	860	0	860	3619.65	5152	13726	871

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

February 2020 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

BUREAU OF RECLAMATION

	Date	Glen Release (1000 Ac-Ft)	Side Inflow Glen to Hoover (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Feb 2019	730	126	28	621	11.2	6	620	694	1087.97	10682
H	Mar 2019	791	200	32	738	12.0	13	737	707	1090.24	10878
I	Apr 2019	720	118	39	902	15.2	15	900	700	1088.95	10767
S	May 2019	720	108	45	989	16.1	18	988	686	1086.48	10555
T	Jun 2019	765	69	54	912	15.3	27	911	676	1084.71	10405
O	Jul 2019	857	20	67	946	15.4	33	946	666	1082.82	10246
R	Aug 2019	900	64	71	802	13.0	34	801	669	1083.45	10299
I	Sep 2019	687	58	59	696	11.7	30	690	667	1083.00	10261
	WY 2019	**9001**	**1087**	**547**	**8892**		**234**	**8868**			
C	Oct 2019	625	34	43	626	10.2	25	621	665	1082.61	10228
A	Nov 2019	626	116	40	575	9.7	13	553	672	1083.85	10333
L	Dec 2019	750	117	37	220	3.6	6	214	708	1090.49	10899
*	Jan 2020	760	75	31	405	6.6	9	404	732	1094.68	11265
	Feb 2020	675	91	29	517	9.0	9	517	745	1096.95	11464
	Mar 2020	700	57	32	948	15.4	14	948	731	1094.41	11242
	Apr 2020	630	49	40	1014	17.0	21	1014	707	1090.15	10870
	May 2020	630	30	45	980	15.9	28	980	683	1085.83	10500
	Jun 2020	650	17	54	947	15.9	29	947	660	1081.79	10160
	Jul 2020	750	80	67	837	13.6	29	837	654	1080.63	10064
	Aug 2020	835	100	71	783	12.7	30	783	657	1081.22	10112
	Sep 2020	599	91	58	716	12.0	25	716	651	1079.98	10010
	WY 2020	**8230**	**856**	**547**	**8567**		**236**	**8534**			
	Oct 2020	640	82	42	513	8.3	24	513	659	1081.59	10143
	Nov 2020	640	54	43	617	10.4	16	617	660	1081.80	10160
	Dec 2020	720	51	37	453	7.4	10	453	677	1084.82	10415
	Jan 2021	860	83	31	520	8.5	9	520	700	1089.04	10775
	Feb 2021	750	91	28	519	9.3	9	519	718	1092.14	11043
	Mar 2021	800	57	32	983	16.0	14	983	707	1090.28	10881
	Apr 2021	710	49	39	1019	17.1	21	1019	688	1086.77	10580
	May 2021	710	30	45	997	16.2	29	997	667	1083.09	10269
	Jun 2021	750	17	53	951	16.0	29	951	651	1080.09	10019
	Jul 2021	850	80	66	823	13.4	29	823	652	1080.22	10029
	Aug 2021	900	100	71	777	12.6	30	777	659	1081.60	10144
	Sep 2021	670	91	58	713	12.0	25	713	657	1081.19	10110
	WY 2021	**9000**	**784**	**546**	**8887**		**245**	**8887**			
	Oct 2021	640	82	43	515	8.4	24	515	666	1082.76	10241
	Nov 2021	640	54	43	646	10.9	16	646	665	1082.64	10231
	Dec 2021	720	51	37	478	7.8	11	478	680	1085.38	10461
	Jan 2022	860	83	31	520	8.5	9	520	703	1089.58	10820

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3113

Processed On: 2/13/2020 10:27:59AM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

February 2020 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Feb 2019	621	-6	10	569	0	569	10.2	643.20	1704
H	Mar 2019	738	7	13	749	0	749	12.2	642.57	1687
I	Apr 2019	902	0	17	886	0	886	14.9	642.52	1686
S	May 2019	989	-9	22	937	0	937	15.2	643.32	1707
T	Jun 2019	912	-12	25	886	0	886	14.9	642.89	1696
O	Jul 2019	946	-11	25	895	0	894	14.5	643.48	1712
R	Aug 2019	802	-11	23	800	0	800	13.0	642.31	1680
I	Sep 2019	696	-17	18	767	0	767	12.9	638.35	1573
	WY 2019	**8892**	**-142**	**198**	**8538**	**0**	**8539**			
C	Oct 2019	626	-24	15	589	0	589	9.6	638.28	1572
A	Nov 2019	575	-4	11	457	0	457	7.7	642.13	1675
L	Dec 2019	220	0	9	247	0	247	4.0	640.77	1638
*	Jan 2020	405	0	10	380	0	380	6.2	641.32	1653
	Feb 2020	517	-13	10	475	0	475	8.3	642.00	1671
	Mar 2020	948	-15	13	906	0	906	14.7	642.50	1685
	Apr 2020	1014	-17	17	967	0	967	16.2	643.00	1699
	May 2020	980	-11	22	947	0	947	15.4	643.00	1699
	Jun 2020	947	-16	25	905	0	905	15.2	643.00	1699
	Jul 2020	837	-12	25	827	0	827	13.5	642.00	1671
	Aug 2020	783	-11	23	749	0	749	12.2	642.00	1671
	Sep 2020	716	-12	18	739	0	739	12.4	640.01	1618
	WY 2020	**8567**	**-136**	**198**	**8188**	**0**	**8188**			
	Oct 2020	513	-4	15	678	0	678	11.0	633.00	1434
	Nov 2020	617	-19	10	537	0	537	9.0	635.00	1486
	Dec 2020	453	-12	9	313	0	313	5.1	639.51	1604
	Jan 2021	520	-16	10	432	0	432	7.0	641.80	1666
	Feb 2021	519	-13	10	496	0	496	8.9	641.80	1666
	Mar 2021	983	-15	13	920	0	920	15.0	643.05	1700
	Apr 2021	1019	-17	17	988	0	988	16.6	643.00	1699
	May 2021	997	-11	22	964	0	964	15.7	643.00	1699
	Jun 2021	951	-16	25	910	0	910	15.3	643.00	1699
	Jul 2021	823	-12	25	813	0	813	13.2	642.00	1671
	Aug 2021	777	-11	23	743	0	743	12.1	642.00	1671
	Sep 2021	713	-12	18	737	0	737	12.4	640.01	1618
	WY 2021	**8887**	**-159**	**197**	**8530**	**0**	**8530**			
	Oct 2021	515	-4	15	680	0	680	11.1	633.00	1434
	Nov 2021	646	-19	10	565	0	565	9.5	635.00	1486
	Dec 2021	478	-12	9	338	0	338	5.5	639.51	1604
	Jan 2022	520	-16	10	432	0	432	7.0	641.80	1666

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3113

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

February 2020 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

— BUREAU OF — RECLAMATION

	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	Feb 2019	569	13	8	372	6.7	31	151	447.53	571	143	2.6
H	Mar 2019	749	-5	9	630	10.2	11	83	447.86	577	185	3.0
I	Apr 2019	886	6	11	712	12.0	28	144	447.29	567	170	2.9
S	May 2019	937	8	13	693	11.3	51	154	448.62	592	128	2.1
T	Jun 2019	886	11	15	717	12.0	53	104	448.47	589	138	2.3
O	Jul 2019	894	15	17	739	12.0	59	92	448.12	582	146	2.4
R	Aug 2019	800	15	17	636	10.3	67	102	447.22	565	111	1.8
I	Sep 2019	767	26	15	514	8.6	61	160	449.03	600	103	1.7
	WY 2019	**8539**	**173**	**140**	**6231**		**690**	**1571**			**1515**	
C	Oct 2019	589	18	12	430	7.0	30	151	447.77	576	68	1.1
A	Nov 2019	457	22	9	300	5.0	16	125	449.10	601	118	2.0
L	Dec 2019	247	17	7	159	2.6	46	72	448.16	583	109	1.8
*	Jan 2020	380	1	6	311	5.1	17	75	446.50	552	106	1.7
	Feb 2020	475	11	8	391	6.8	3	78	446.50	552	126	2.2
	Mar 2020	906	5	9	655	10.6	57	163	447.50	570	168	2.7
	Apr 2020	967	12	11	697	11.7	81	156	448.70	593	151	2.5
	May 2020	947	13	13	696	11.3	77	161	448.70	593	125	2.0
	Jun 2020	905	11	16	714	12.0	76	97	448.70	593	138	2.3
	Jul 2020	827	19	17	701	11.4	77	52	448.00	580	149	2.4
	Aug 2020	749	20	17	621	10.1	77	52	447.50	571	114	1.9
	Sep 2020	739	14	15	529	8.9	68	131	447.50	570	110	1.9
	WY 2020	**8188**	**162**	**140**	**6205**		**625**	**1313**			**1482**	
	Oct 2020	678	24	12	458	7.5	61	164	447.50	571	69	1.1
	Nov 2020	537	14	9	364	6.1	38	134	447.50	571	88	1.5
	Dec 2020	313	22	7	232	3.8	39	73	446.50	552	93	1.5
	Jan 2021	432	18	6	259	4.2	90	91	446.50	552	102	1.7
	Feb 2021	496	11	8	391	7.0	17	84	446.50	552	127	2.3
	Mar 2021	920	5	9	649	10.5	86	170	446.70	555	167	2.7
	Apr 2021	988	12	11	694	11.7	83	163	448.70	593	152	2.6
	May 2021	964	13	13	705	11.5	74	172	448.70	593	127	2.1
	Jun 2021	910	11	16	720	12.1	72	100	448.70	593	141	2.4
	Jul 2021	813	19	17	689	11.2	74	52	448.00	580	152	2.5
	Aug 2021	743	20	17	618	10.0	74	52	447.50	571	117	1.9
	Sep 2021	737	14	15	529	8.9	56	140	447.50	570	113	1.9
	WY 2021	**8530**	**182**	**139**	**6309**		**764**	**1393**			**1450**	
	Oct 2021	680	24	12	470	7.6	42	173	447.50	571	73	1.2
	Nov 2021	565	14	9	358	6.0	41	166	447.50	571	91	1.5
	Dec 2021	338	22	7	237	3.9	42	88	446.50	552	96	1.6
	Jan 2022	432	18	6	259	4.2	90	91	446.50	552	102	1.7

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

February 2020 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Feb 2019	621	11.2	1087.97	10682	189	443.82	1119.0	246.4	70	396.7
H	Mar 2019	738	12.0	1090.24	10878	195	444.26	1112.0	295.7	70	400.6
I	Apr 2019	902	15.2	1088.95	10767	-111	439.99	810.1	365.4	51	405.2
S	May 2019	989	16.1	1086.48	10555	-211	440.79	803.9	398.2	51	402.5
T	Jun 2019	912	15.3	1084.71	10405	-150	439.38	1591.0	359.0	100	393.7
O	Jul 2019	946	15.4	1082.82	10246	-159	435.56	1486.0	371.7	93	392.7
R	Aug 2019	802	13.0	1083.45	10299	53	439.02	1297.0	313.5	81	390.9
I	Sep 2019	696	11.7	1083.00	10261	-38	439.88	1494.1	267.4	93	384.4
	WY 2019	**8877**							**3494.1**		
C	Oct 2019	626	10.2	1082.61	10228	-33	439.17	1198.0	241.9	74	386.2
A	Nov 2019	575	9.7	1083.85	10333	104	438.74	1192.0	221.9	75	386.0
L	Dec 2019	220	3.6	1090.49	10899	567	448.42	838.0	81.6	52	371.4
*	Jan 2020	405	6.6	1094.68	11265	366	451.06	1152.1	160.0	70	395.1
	Feb 2020	517	9.0	1096.95	11464	199	447.69	962.0	206.7	57	400.2
	Mar 2020	948	15.4	1094.41	11242	-223	444.57	1342.0	384.3	81	405.5
	Apr 2020	1014	17.0	1090.15	10870	-371	440.53	1385.0	405.5	85	400.0
	May 2020	980	15.9	1085.83	10500	-370	436.54	1296.1	392.4	81	400.3
	Jun 2020	947	15.9	1081.79	10160	-340	430.30	1591.0	369.9	100	390.7
	Jul 2020	837	13.6	1080.63	10064	-97	428.05	1576.0	326.5	100	390.2
	Aug 2020	783	12.7	1081.22	10112	49	428.09	1576.0	303.4	100	387.6
	Sep 2020	716	12.0	1079.98	10010	-103	428.42	1576.0	276.0	100	385.5
	WY 2020	**8567**							**3370.3**		
	Oct 2020	513	8.3	1081.59	10143	133	434.35	1066.0	203.0	68	395.4
	Nov 2020	617	10.4	1081.80	10160	17	437.54	1066.0	245.0	68	397.0
	Dec 2020	453	7.4	1084.82	10415	254	437.05	1079.0	177.8	67	392.3
	Jan 2021	520	8.5	1089.04	10775	360	438.41	1105.1	207.5	68	399.1
	Feb 2021	519	9.3	1092.14	11043	268	442.06	1001.0	206.0	61	397.1
	Mar 2021	983	16.0	1090.28	10881	-162	439.61	1395.0	395.2	85	402.0
	Apr 2021	1019	17.1	1086.77	10580	-301	436.28	1412.0	403.4	88	395.7
	May 2021	997	16.2	1083.09	10269	-311	432.73	1395.0	388.4	88	389.5
	Jun 2021	951	16.0	1080.09	10019	-250	428.10	1576.0	370.0	100	389.0
	Jul 2021	823	13.4	1080.22	10029	10	427.00	1567.0	319.8	100	388.6
	Aug 2021	777	12.6	1081.60	10144	115	428.08	1574.8	301.1	100	387.3
	Sep 2021	713	12.0	1081.19	10110	-34	429.20	1572.5	275.4	100	386.0
	WY 2021	**8887**							**3492.5**		
	Oct 2021	515	8.4	1082.76	10241	131	435.53	1069.6	204.4	68	396.5
	Nov 2021	646	10.9	1082.64	10231	-10	438.54	1069.2	254.7	68	394.4
	Dec 2021	478	7.8	1085.38	10461	231	437.74	1076.5	189.0	67	395.2
	Jan 2022	520	8.5	1089.58	10820	359	438.95	1096.2	207.9	68	399.6

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

February 2020 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Feb 2019	569	10.2	643.20	1704	36	144.69	209.5	68.8	82	120.9
H	Mar 2019	749	12.2	642.57	1687	-17	140.17	218.8	94.8	86	126.6
I	Apr 2019	886	14.9	642.52	1686	-1	142.03	210.8	111.9	83	126.3
S	May 2019	937	15.2	643.32	1707	22	139.79	238.6	119.5	94	127.6
T	Jun 2019	886	14.9	642.89	1696	-12	140.50	255.0	113.6	100	128.3
O	Jul 2019	895	14.5	643.48	1712	16	142.50	255.0	113.2	100	126.5
R	Aug 2019	800	13.0	642.31	1680	-32	139.60	255.0	101.8	100	127.3
I	Sep 2019	767	12.9	638.35	1573	-107	137.20	255.0	96.0	100	125.1
	WY 2019	**8538**							**1079.9**		
C	Oct 2019	589	9.6	638.28	1572	-2	138.85	243.5	73.2	95	124.4
A	Nov 2019	457	7.7	642.13	1675	103	143.18	153.0	55.6	60	121.7
L	Dec 2019	247	4.0	640.77	1638	-37	141.96	156.3	30.5	61	123.7
*	Jan 2020	380	6.2	641.32	1653	15	141.95	161.2	49.9	63	131.3
	Feb 2020	475	8.3	642.00	1671	18	140.54	156.5	60.2	61	126.6
	Mar 2020	906	14.7	642.50	1685	14	138.60	194.1	113.1	76	124.9
	Apr 2020	967	16.2	643.00	1699	14	138.58	249.9	120.7	98	124.8
	May 2020	947	15.4	643.00	1699	0	139.11	255.0	118.6	100	125.3
	Jun 2020	905	15.2	643.00	1699	0	139.18	255.0	113.5	100	125.4
	Jul 2020	827	13.5	642.00	1671	-27	139.30	255.0	103.8	100	125.5
	Aug 2020	749	12.2	642.00	1671	0	139.28	255.0	94.0	100	125.5
	Sep 2020	739	12.4	640.01	1618	-54	138.19	255.0	92.0	100	124.5
	WY 2020	**8188**							**1025.2**		
	Oct 2020	678	11.0	633.00	1434	-183	134.23	227.0	82.0	89	120.9
	Nov 2020	537	9.0	635.00	1486	51	132.56	159.8	64.1	63	119.4
	Dec 2020	313	5.1	639.51	1604	118	137.60	154.7	38.8	61	124.0
	Jan 2021	432	7.0	641.80	1666	62	140.09	156.3	54.5	61	126.2
	Feb 2021	496	8.9	641.80	1666	0	140.40	156.6	62.7	61	126.5
	Mar 2021	920	15.0	643.05	1700	34	138.69	194.1	115.0	76	124.9
	Apr 2021	988	16.6	643.00	1699	-1	138.74	249.9	123.4	98	125.0
	May 2021	964	15.7	643.00	1699	0	139.02	255.0	120.7	100	125.2
	Jun 2021	910	15.3	643.00	1699	0	139.15	255.0	114.0	100	125.4
	Jul 2021	813	13.2	642.00	1671	-27	139.39	255.0	102.1	100	125.6
	Aug 2021	743	12.1	642.00	1671	0	139.31	255.0	93.3	100	125.5
	Sep 2021	737	12.4	640.01	1618	-54	138.21	255.0	91.7	100	124.5
	WY 2021	**8530**							**1062.4**		
	Oct 2021	680	11.1	633.00	1434	-183	134.22	227.0	82.3	89	120.9
	Nov 2021	565	9.5	635.00	1486	51	132.36	159.8	67.4	63	119.2
	Dec 2021	338	5.5	639.51	1604	118	137.41	154.7	41.9	61	123.8
	Jan 2022	432	7.0	641.80	1666	62	140.09	156.3	54.6	61	126.2

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

February 2020 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Feb 2019	372	6.7	447.53	571	18	81.87	95.4	25.5	79	68.6
H	Mar 2019	630	10.2	447.86	577	6	82.11	111.3	44.3	93	70.4
I	Apr 2019	712	12.0	447.29	567	-11	79.40	115.0	49.5	96	69.5
S	May 2019	673	11.3	448.62	592	25	80.51	119.0	48.6	99	72.2
T	Jun 2019	717	12.0	448.47	589	-3	80.43	120.0	50.3	100	70.2
O	Jul 2019	739	12.0	448.12	582	-7	80.11	120.0	51.4	100	69.5
R	Aug 2019	636	10.3	447.22	565	-17	77.13	120.0	44.3	100	69.7
I	Sep 2019	514	8.6	449.03	600	34	83.07	120.0	35.9	100	69.8
	WY 2019	**6211**							**433.7**		
C	Oct 2019	430	7.0	447.77	576	-24	83.21	90.0	30.2	75	70.1
A	Nov 2019	300	5.0	449.10	601	25	84.29	92.0	20.2	77	67.2
L	Dec 2019	159	2.6	448.16	583	-18	81.68	100.6	9.4	84	59.3
*	Jan 2020	311	5.1	446.50	552	-31	80.47	94.8	22.0	79	70.7
	Feb 2020	391	6.8	446.50	552	0	75.16	93.1	25.3	78	64.8
	Mar 2020	655	10.6	447.50	570	19	74.40	120.0	42.6	100	65.1
	Apr 2020	697	11.7	448.70	593	23	75.47	120.0	46.1	100	66.1
	May 2020	696	11.3	448.70	593	0	76.05	120.0	46.3	100	66.5
	Jun 2020	714	12.0	448.70	593	0	76.05	120.0	47.6	100	66.6
	Jul 2020	701	11.4	448.00	580	-13	75.71	120.0	46.4	100	66.2
	Aug 2020	621	10.1	447.50	571	-9	75.13	120.0	40.7	100	65.5
	Sep 2020	529	8.9	447.50	570	0	74.89	120.0	34.4	100	65.1
	WY 2020	**6205**							**411.1**		
	Oct 2020	458	7.5	447.50	571	0	76.29	90.0	30.2	75	65.9
	Nov 2020	364	6.1	447.50	571	0	76.19	92.0	23.7	77	65.1
	Dec 2020	232	3.8	446.50	552	-19	74.86	109.4	14.3	91	61.9
	Jan 2021	259	4.2	446.50	552	0	75.07	94.8	16.2	79	62.7
	Feb 2021	391	7.0	446.50	552	0	75.21	92.1	25.4	77	64.9
	Mar 2021	649	10.5	446.70	555	4	74.01	120.0	42.0	100	64.8
	Apr 2021	694	11.7	448.70	593	38	75.08	120.0	45.7	100	65.8
	May 2021	705	11.5	448.70	593	0	76.05	120.0	46.9	100	66.5
	Jun 2021	720	12.1	448.70	593	0	76.05	120.0	48.0	100	66.6
	Jul 2021	689	11.2	448.00	580	-13	75.71	120.0	45.6	100	66.2
	Aug 2021	618	10.0	447.50	571	-9	75.13	120.0	40.5	100	65.5
	Sep 2021	529	8.9	447.50	570	0	74.89	120.0	34.4	100	65.1
	WY 2021	**6309**							**412.9**		
	Oct 2021	470	7.6	447.50	571	0	76.14	92.9	30.9	77	65.8
	Nov 2021	358	6.0	447.50	571	0	76.19	92.0	23.3	77	65.0
	Dec 2021	237	3.9	446.50	552	-19	74.82	110.3	14.7	92	62.0
	Jan 2022	259	4.2	446.50	552	0	75.12	93.9	16.3	78	62.7

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3113

Processed On: 2/13/2020 10:27:59AM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

February 2020 24-Month Study

Most Probable Inflow*

Upper Basin Power

	Date	Glen Canyon 1000 MWHR	Flaming Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Reservoir 1000 MWHR	Fontenelle Reservoir 1000 MWHR
*	Feb 2019	302	42	6	8	1	3
H	Mar 2019	325	22	6	9	4	3
	Winter 2019	**1790**	**233**	**36**	**51**	**19**	**24**
I	Apr 2019	294	27	9	14	10	4
S	May 2019	299	38	23	45	21	6
T	Jun 2019	332	82	33	64	22	8
O	Jul 2019	391	39	28	54	23	7
R	Aug 2019	412	42	24	49	22	7
I	Sep 2019	312	44	15	22	18	2
	Summer 2019	**2041**	**273**	**131**	**248**	**115**	**34**
C	Oct 2019	281	31	26	27	18	5
A	Nov 2019	280	31	22	25	14	5
L	Dec 2019	336	51	26	30	17	5
*	Jan 2020	338	51	18	22	11	5
	Feb 2020	284	45	13	16	8	4
	Mar 2020	294	44	13	17	9	5
	Winter 2020	**1813**	**254**	**117**	**137**	**77**	**29**
	Apr 2020	264	42	19	27	15	5
	May 2020	266	19	47	65	23	6
	Jun 2020	280	103	16	25	17	9
	Jul 2020	328	28	27	33	17	10
	Aug 2020	364	34	20	33	17	7
	Sep 2020	260	33	23	27	14	2
	Summer 2020	**1761**	**260**	**152**	**211**	**103**	**38**
	Oct 2020	277	28	18	23	12	6
	Nov 2020	276	26	6	7	4	6
	Dec 2020	309	28	19	23	12	6
	Jan 2021	366	28	13	16	9	5
	Feb 2021	317	25	13	16	8	4
	Mar 2021	336	37	0	18	9	5
	Winter 2021	**1880**	**172**	**68**	**103**	**54**	**32**
	Apr 2021	298	36	0	24	14	5
	May 2021	302	20	2	23	17	7
	Jun 2021	328	87	52	66	22	9
	Jul 2021	377	28	31	37	20	10
	Aug 2021	398	36	34	40	20	7
	Sep 2021	296	35	28	33	9	2
	Summer 2021	**1703**	**208**	**118**	**190**	**93**	**37**
	Oct 2021	282	28	26	31	16	7
	Nov 2021	281	35	19	23	12	6
	Dec 2021	315	52	31	38	19	6
	Jan 2022	374	52	17	21	11	6

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3113

Processed On: 2/13/2020 10:27:59AM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

February 2020 24-Month Study

Most Probable Inflow*

Flood Control Criteria - Beginning of Month Conditions

Date	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Lake Total KAF	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	BOM Space Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****EFFECTIVE SPACE****										
Feb 2020	643	275	388	12041	13348	16112	29460	186	161	330	677	12041	16112	28830	1500	517	0	31.2
Mar 2020	721	295	394	12267	13677	15913	29590	264	181	335	780	12267	15913	28960	1500	948	0	30.8
Apr 2020	745	300	377	12415	13837	16135	29972	284	188	311	783	12415	16135	29333	1500	1014	0	30.5
May 2020	737	303	352	12374	13767	16507	30273	270	190	262	722	12374	16507	29603	1500	980	0	31.1
Jun 2020	592	301	264	11672	12829	16877	29706	112	177	134	423	11672	16877	28972	1500	947	0	32.4
Jul 2020	575	145	209	10342	11271	17217	28488	87	1	22	110	10342	17217	27669	1500	837	0	32.3
								****CREDITABLE SPACE****										
Aug 2020	505	139	249	10334	11227	17313	28540	505	139	249	893	10334	17313	28540	1500	783	0	31.8
Sep 2020	546	169	283	10679	11678	17265	28942	546	169	283	999	10679	17265	28942	2270	716	0	31.4
Oct 2020	597	196	314	10840	11947	17367	29315	597	196	314	1107	10840	17367	29315	3040	513	0	31.1
Nov 2020	625	219	317	10987	12149	17234	29383	625	219	317	1161	10987	17234	29383	3810	617	0	31.0
Dec 2020	651	207	324	11183	12365	17217	29582	651	207	324	1182	11183	17217	29582	4580	453	0	31.0
Jan 2021	695	243	335	11461	12735	16962	29697	695	243	335	1273	11461	16962	29697	5350	520	0	30.9
								****EFFECTIVE SPACE****										
Jan 2021	695	243	335	11461	12735	16962	29697	375	243	120	738	11461	16962	29162	5350	520	0	30.9
Feb 2021	734	262	348	11871	13215	16602	29817	412	262	132	806	11871	16602	29279	1500	519	0	30.8
Mar 2021	762	282	350	12169	13563	16334	29897	437	282	133	852	12169	16334	29355	1500	983	0	30.6
Apr 2021	765	291	311	12343	13710	16496	30206	436	291	87	814	12343	16496	29653	1500	1019	0	30.6
May 2021	736	271	237	12187	13431	16797	30228	400	271	-12	660	12187	16797	29644	1500	997	0	31.7
Jun 2021	560	103	242	11063	11968	17108	29076	211	103	-47	267	11063	17108	28438	1500	951	0	33.2
Jul 2021	494	31	377	9373	10275	17358	27633	134	19	31	184	9373	17358	26915	1500	823	0	33.3
								****CREDITABLE SPACE****										
Aug 2021	380	10	408	9313	10110	17348	27458	380	10	408	797	9313	17348	27458	1500	777	0	33.0
Sep 2021	404	47	429	9657	10536	17233	27770	404	47	429	879	9657	17233	27770	2270	713	0	32.6
Oct 2021	456	90	434	9853	10832	17267	28099	456	90	434	979	9853	17267	28099	3040	515	0	32.4
Nov 2021	482	132	429	9952	10995	17136	28131	482	132	429	1042	9952	17136	28131	3810	646	0	32.2
Dec 2021	528	163	432	10076	11200	17146	28346	528	163	432	1124	10076	17146	28346	4580	478	0	32.2
Jan 2022	635	241	443	10258	11576	16916	28492	635	241	443	1319	10258	16916	28492	5350	520	0	32.1
								****EFFECTIVE SPACE****										
Jan 2022	635	241	443	10258	11576	16916	28492	289	214	227	730	10258	16916	27903	5350	520	0	32.1

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3113

Processed On: 2/13/2020 10:27:59AM

March 24-Month Study
Date: March 9, 2010

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

Reservoir	February Inflow (unregulated) (acre-feet)	Percent of Average (%)	March 8 Midnight Elevation (feet)	Reservoir Storage (acre-feet)
Fontenelle	23,000	79	6469.64	118,000
Flaming Gorge	29,000	58	6025.49	3,178,000
Blue Mesa	22,000	97	7485.11	544,000
Powell	298,000	71	3619.96	13,759,000
Navajo	16,000	52	6049.15	1,216,000

Expected Operations

The operation of Lake Powell and Lake Mead in this March 2010 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines), and reflects the 2010 Annual Operating Plan (AOP). Pursuant to the Interim Guidelines, the August 2009 24-Month Study projections of the January 1, 2010 system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead.

The operational tier for water year 2010 for the coordinated operation of Lake Powell and Lake Mead is the Upper Elevation Balancing Tier with a corresponding annual release from Lake Powell of 8.23 maf. Under this operational tier, an adjustment to the water year operation of Lake Powell can occur in April based on the April 24-Month Study projection of the September 30 system storage and reservoir water surface elevations.

The March 2010 24-Month Study, with a water year release volume from Lake Powell of 8.23 million acre-feet (maf), projects that the Lake Powell end of water year 2010 water surface elevation will be 3,631.88 feet above sea level which is below the 2010 Equalization Elevation of 3,642 feet. For this reason, the March 2010 24-Month Study projects that an April adjustment to the Equalization Tier in 2010 is not likely to occur under the currently forecasted most probable hydrologic conditions.

Basin hydrology can vary significantly through the winter and there is uncertainty in forecasting snow pack conditions. An April adjustment to the Equalization Tier is not likely unless forecasted runoff conditions improve significantly by April 1. Reclamation estimates that an April adjustment to the Equalization Tier could only occur if the 2010 April-July inflow forecast volume were to increase by approximately 1.2 million acre-feet above the current forecast of 5.4 million acre-feet. In the past 31 years, only once has the forecast increased by at least this volume from one month to the next. For this reason, Reclamation estimates the probability of an April adjustment to the Equalization Tier in 2010 to be approximately 3 percent.

The Intentionally Created Surplus (ICS) Surplus condition is the criterion governing the operation of Lake Mead for calendar year 2010.

The Interim Guidelines are available for download at
http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The 2010 AOP is available for download at
http://www.usbr.gov/lc/region/g4000/AOP2010/AOP10.pdf

Fontenelle Reservoir – Inflows for the month of February were 23,000 acre-feet, or 79% of average. The reservoir elevation is 6470 feet above sea level and 34% of capacity. The reservoir elevation is expected to decline for another month or two until spring runoff begins. Inflows to Fontenelle Reservoir are currently averaging 500 cfs and releases are 980 cfs. Basin snowpack is 55% of average for this time of year.

The 2010 water supply forecast for the April to July runoff season has decreased to 415,000 acre-feet (48% of average). Inflows over the next three months are forecasted to be below average: 37,000 acre-ft, 65,000 acre-ft, and 105,000 acre-ft for March, April and May respectively.

The next Fontenelle Working Group meeting is scheduled for April 27, 2010 at 10:00 am at the Seedskadee National Wildlife Refuge visitor's center. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir.

Flaming Gorge Reservoir – February observed unregulated inflow into Flaming Gorge reservoir was 29,000 acre-feet (AF), or 58 percent of average inflow. The February end of month elevation was 6025.6 feet, which equates to 3.18 million acre-feet or 85 percent of live storage capacity. Releases out of Flaming Gorge are currently decreasing to a steady release of 800 cfs.

The final March forecast for April through July unregulated inflow into Flaming Gorge Reservoir was 43 percent of average, a decrease from 65 percent of average in January. Snowpack in the Upper Green River Basin has been hovering around 57 percent for the last two months.

The next Flaming Gorge Working Group meeting is scheduled for April 27, 2010, in Vernal, Utah. The meeting will be held at 7:00 p.m. at the Western Park Convention Center located at 302 East 200 South in Vernal, Utah. For directions, please call 435-789-7396. The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stake holders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations and plans presented by Reclamation at these meetings. For more information on this group and these meetings please contact Ed Vidmar at 801-379-1182.

Aspinall Reservoir Unit – February unregulated inflow into Blue Mesa Reservoir was 22,000 acre-feet or 97 percent of average. On March 9, 2010 the basin snowpack was 96 percent of average. Precipitation during February was 125 percent of average. The current inflow rate into Blue Mesa Reservoir is about 450 cfs while reservoir releases are averaging about 525 cfs. The reservoir elevation is currently at 7485.11 feet, which corresponds to a storage content of about 544,000 acre-feet. This elevation is about the same as of last year's March elevation.

The latest Water Supply Forecast for Water Year 2010 has been issued and the April through July unregulated inflow is forecasted to be at 570,000 acre-feet (79% of normal), this is a decrease of 30,000 acre-feet from last month's forecast. If this forecast holds through May 1st, the Black Canyon Water Right would call for a one day peak flow of 4035 cfs. At this time Reclamation plans to continue to operate the Aspinall Unit to allow the water right to be met. Based on this forecast and the combination of meeting the Black Canyon Water this coming spring, Blue Mesa Reservoir is projected to be short of filling this runoff season. The projected fill is calculated to be about 7512.5 feet, or about 7.0 feet short of full.

Releases from Crystal are currently set at 600 cfs. The Gunnison Diversion Tunnel is currently shut down for the season, with the exception of some small 50 to 100 cfs diversions taken bi-weekly for municipal water needs in Montrose, Colorado. The tunnel is expected to reopen for irrigation season sometime during the last week of March.

Reservoir releases are likely to change during March into May as we respond to changing forecasts and runoff conditions.

The next meeting of the "Aspinall Unit Working Group" will be held on Thursday, April 22, 2010 starting at 1:00 PM in Reclamation's Grand Junction Office. At this meeting, review of this winter's reservoir operations, and plans for this spring and summer operations will be discussed. These meetings are open forum discussions on the Aspinall Unit reservoir operations with many interested groups participating. Anyone needing further information about these meetings should contact Dan Crabtree in the Grand Junction Area Office at (970) 248-0652.

Navajo Reservoir – Reclamation decreased the release from Navajo Reservoir to 500 cubic feet per second (cfs) on Tuesday, October 20th , which is still in effect. Releases are made for the authorized purposes of the Navajo Unit, and to attempt to maintain a target base flow through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell).

The San Juan River Basin Recovery Implementation Program recommends a target base flow of between 500 cfs and 1,000 cfs through the critical habitat area. The target base flow is calculated as the weekly average of gaged flows throughout the critical habitat area, therefore daily flows of less than 500 cfs may occur at some gages.

Snowpack for the upper San Juan basin now stands at 107 percent of average, while the Animas River basin is 97 percent of average. Unregulated inflow into Navajo Reservoir during the month of February was 16,000 acre-feet, or 52 percent of average. Currently, the daily reservoir inflow is averaging about 600 cfs. The reservoir water surface elevation is currently 6049.15 feet, which corresponds to a storage content of about 1,216,000 acre-feet. NIIP usually starts their diversions in early March, which are currently set at 7 cfs.

A public meeting on Navajo Reservoir operations will be held on Tuesday, April 27, 2010 at 1:00 p.m. in Farmington, New Mexico. At this meeting, review of this winter's reservoir operations, and plans for this spring and summer operations will be discussed. These are open forum discussions on the operation of Navajo Reservoir with many interested groups participating. Anyone interested in the general operation of the reservoir is encouraged to attend. Please contact Pat Page in Reclamation's Durango, Colorado Office at (970) 385-6560 for information about these meetings or the daily operation of Navajo Reservoir.

Glen Canyon Dam / Lake Powell –The unregulated inflow volume into Lake Powell in February was 294,000 acre-feet (70% of average). This was 31,000 acre-feet below what was forecasted in the February 2010 24-Month Study. Despite this shortfall, the observed Lake Powell elevation at the end of February was about 3 inches higher than the what was projected in the February 24-Month Study. The end of February water surface elevation of Lake Powell was 3620.16 feet above sea level (79.84 feet from full pool). During the month of February, the elevation of Lake Powell declined by approximately 2 feet.

Releases from Glen Canyon Dam during the month of February have fluctuated each day for power generation between a peak hourly average release of about 14,000 cfs, during the morning and afternoon and a daily low hourly average release of 8,000 cfs during the late evening and early morning hours. The release volume for February was 630,500 acre-feet. For March, the release volume is scheduled to be 600,000 acre-feet. Daily fluctuations in March will have a peak hourly average release each day of approximately 12,000 cfs and a daily low hourly average release of approximately 6,000 cfs. The projected release volume for April is also 600,000 acre-feet.

In addition to the daily fluctuation pattern, instantaneous releases from Glen Canyon Dam also fluctuate to provide approximately 40 megawatts of system regulation to maintain stable conditions within the electrical generation and transmission system. This translates into momentary release fluctuations of about +/- 1100 cfs above or below the hourly average release rate. These momentary fluctuations for regulation are very short lived and typically balance out over the hour. When an unanticipated outage event occurs in the generation system, reserve generation at Glen Canyon Dam can also be called upon up to a limit of 88 megawatts (approximately 2400 cfs of release) for a duration of 2 hours or less. Under normal circumstances, calls for reserve generation occur fairly infrequently and are for much less than the limit of 88 megawatts.

The official Water Supply Forecast for March (April-July Unregulated Inflow Volume) is now 5.4 maf (68% of average). Based on this forecast, the March 2010 24-Month Study projects that the water year release volume from Lake Powell will likely be 8.23 maf pursuant to the Interim Guidelines. However, the operating tier for Glen Canyon Dam in water year 2010 is Upper Elevation Balancing and under this tier there is a possibility for an April adjustment to the operational plan which could incorporate either Equalization releases or Balancing releases. Given the current conditions of Lake Powell and Lake Mead, it is remotely possible, if hydrologic conditions become wetter than what is currently projected, that an April adjustment to Equalization could occur which would require a water year release volume from Glen Canyon Dam on the order of approximately 10.5 maf.

Reclamation estimates that the official Water Supply Forecast for April would have to increase by approximately 1.2 maf above the level forecasted in March in order for an April Adjustment to the Equalization Tier to occur in water year 2010. Over the past 31 years, only once has the Water Supply Forecast increased by at least this volume from one month to the next. For this reason, Reclamation estimates that the probability of an April Adjustment to the Equalization Tier in water year 2010 to be only about 3 percent.

Upper Colorado River Basin Hydrology

In the Upper Colorado River Basin during water year 2009, the overall precipitation accumulated through September 30, 2009 was approximately 95% of average based on the 30 year average for the period from 1971 through 2000. For water year 2010 the dry conditions have persisted. Estimated percentages of average precipitation for the months thus far in water year 2010 are as follows: October 85%, November 40%, December 130%, January 100% and February 100%.

The Climate Prediction Center outlook (dated February 18, 2010) for temperature over the next 3 months indicates that temperatures in the Upper Colorado River Basin are expected to be near average while precipitation over the next 3 months in the Upper Colorado River Basin is projected to be above average.

Upper Colorado River Basin Drought

The Upper Colorado River Basin continues to experience a protracted multi-year drought. Since 1999, inflow to Lake Powell has been below average in every year except water years 2005 and 2008. In the summer of 1999, Lake Powell was close to full with reservoir storage at 23.5 million acre-feet, or 97 percent of capacity. During the next 5 years (2000 through 2004) unregulated inflow to Lake Powell was well below average. This resulted in Lake Powell storage decreasing during this period to 8.0 million acre-feet (33 percent of capacity) which occurred on April 8, 2005. During 2005, 2008 and 2009, drought conditions eased somewhat with net gains in storage to Lake Powell. As of March 8, 2010 the storage in Lake Powell was 13.76 million acre-feet (56.6 percent of capacity) which is still below desired levels while the overall reservoir storage in the Colorado River Basin as of March 8, 2010 is 32.92 million acre-feet (55.4 percent of capacity).

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-280
125 SOUTH STATE STREET, ROOM 6107
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-5571

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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:	Obs			feb	Forecast		Outlook		
:	nov	dec	jan	feb %Avg	mar	apr	may	apr-jul	%Avg
GLDA3:Lake Powell	418	309	304	298 71%	450/	750/	1650/	5400/:	68%
GBRW4:Fontenelle	42	31	28	23 79%	37/	65/	105/	415/:	48%
GRNU1:Flaming Gorge	47	19.0	27	29 58%	52/	86/	125/	515/:	43%
BMDC2:Blue Mesa	27	21	22	22 97%	25/	70/	180/	570/:	79%
MPSC2:Morrow Point	29	22	24	22 84%	28/	80/	200/	620/:	79%
CLSC2:Crystal	32	25	26	25 83%	33/	90/	225/	695/:	76%
TPIC2:Taylor Park	4.7	3.9	4.2	3.5 90%	3.5/	8/	24/	85/:	83%
VCRC2:Vallecito	4.4	3.7	4.0	3.1 66%	3.5/	17/	65/	200/:	98%
NVRN5:Navajo	13.7	11.2	14.0	15.9 52%	50/	140/	290/	765/:	97%
LEMC2:Lemon	0.77	0.61	0.58	0.47 59%	0.65/	3.5/	20/	55/:	95%
MPHC2:McPhee	2.2	2.5	3.1	2.9 61%	10/	50/	115/	275/:	86%
RBSC2:Ridgway	5.6	3.4	3.4	3.0e 72%	/	/	/	88/:	86%

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T E M R E S E R V O I R S

Bureau of Reclamation - CRFS 3/2010 Most Prob Water Supply 08-mar-2010 16:52:29

Fontenelle Reservoir

		Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Mar 2009	46	0	59	0	59	6467.98	111
H	Apr 2009	91	1	57	0	57	6475.63	145
I	May 2009	152	1	62	1	64	6490.46	231
S	Jun 2009	477	3	91	285	376	6504.01	330
T	Jul 2009	247	3	88	145	233	6505.36	341
O	Aug 2009	72	2	98	6	104	6500.99	306
R	Sep 2009	37	2	66	0	66	6496.84	276
	WY 2009	1295	15	773	485	1258		
I	Oct 2009	48	1	51	11	62	6494.68	260
C	Nov 2009	42	1	0	62	62	6491.61	239
A	Dec 2009	31	1	0	70	71	6485.42	198
L	Jan 2010	28	1	38	30	69	6478.10	157
*	Feb 2010	23	0	55	0	55	6471.41	125
	Mar 2010	37	0	56	0	56	6466.71	106
	Apr 2010	65	1	51	0	51	6470.09	119
	May 2010	105	1	58	0	58	6479.66	165
	Jun 2010	165	2	57	0	57	6496.24	271
	Jul 2010	80	3	58	0	58	6498.85	290
	Aug 2010	54	2	58	0	58	6497.96	284
	Sep 2010	42	2	41	21	62	6494.92	262
	WY 2010	719	14	524	195	719		
	Oct 2010	49	1	56	8	64	6492.52	245
	Nov 2010	41	1	62	0	62	6489.24	224
	Dec 2010	32	1	64	0	64	6484.17	191
	Jan 2011	30	1	64	0	64	6477.98	156
	Feb 2011	28	0	58	0	58	6471.47	125
	Mar 2011	52	0	64	0	64	6468.38	112
	Apr 2011	89	1	83	0	83	6469.69	118
	May 2011	176	1	99	5	105	6483.72	188
	Jun 2011	307	2	103	90	193	6500.09	300
	Jul 2011	185	3	101	38	138	6505.77	344
	Aug 2011	82	2	99	5	105	6502.66	319
	Sep 2011	48	2	36	31	68	6499.94	298
	WY 2011	1120	15	891	178	1069		
	Oct 2011	49	1	70	0	70	6496.90	276
	Nov 2011	41	1	68	0	68	6493.12	249
	Dec 2011	32	1	70	0	70	6487.35	211
	Jan 2012	30	1	70	0	70	6480.70	171
	Feb 2012	29	1	65	0	65	6473.30	134

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Flaming Gorge Reservoir

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Yampa Flow 1000 Ac-Ft	Jensen Flow 1000 Ac-Ft
*	Mar 2009	62	75	3	52	0	52	120	6020.18	2987	0	140
H	Apr 2009	127	93	5	50	0	50	122	6021.21	3024	0	312
I	May 2009	212	125	7	150	0	150	120	6020.33	2993	758	883
S	Jun 2009	573	472	10	96	0	96	134	6029.83	3357	517	624
T	Jul 2009	284	271	14	117	0	117	140	6033.29	3478	109	247
O	Aug 2009	74	106	13	124	0	124	139	6032.53	3448	21	161
R	Sep 2009	45	74	11	120	0	120	136	6031.12	3392	14	144
	WY 2009	1564	1527	79	1065	0	1065					3709
I	Oct 2009	45	59	7	109	0	109	134	6029.69	3337	0	152
C	Nov 2009	47	67	4	104	0	104	133	6028.67	3298	0	0
A	Dec 2009	19	59	2	107	1	108	131	6027.38	3249	0	505
L	Jan 2010	27	68	2	109	0	109	129	6026.29	3208	0	669
*	Feb 2010	29	61	2	87	0	87	128	6025.55	3181	0	110
	Mar 2010	52	71	3	60	0	60	128	6025.77	3189	0	60
	Apr 2010	86	72	5	48	0	48	129	6026.27	3207	0	48
	May 2010	125	78	8	120	0	120	127	6024.99	3160	0	120
	Jun 2010	204	96	10	123	0	123	126	6024.01	3124	0	123
	Jul 2010	100	78	13	68	0	68	126	6023.95	3121	0	68
	Aug 2010	64	68	12	68	0	68	125	6023.65	3111	0	68
	Sep 2010	52	72	11	65	0	65	125	6023.54	3107	0	65
	WY 2010	850	850	78	1067	1	1068					1987
	Oct 2010	59	75	7	68	0	68	125	6023.54	3107	0	68
	Nov 2010	51	71	3	65	0	65	125	6023.61	3109	0	65
	Dec 2010	36	68	2	68	0	68	125	6023.58	3108	0	68
	Jan 2011	41	75	2	68	0	68	125	6023.73	3113	0	68
	Feb 2011	45	76	2	61	0	61	126	6024.06	3125	0	61
	Mar 2011	103	116	3	68	0	68	127	6025.24	3169	0	68
	Apr 2011	142	136	5	65	0	65	130	6026.94	3232	0	65
	May 2011	263	192	8	126	0	126	132	6028.42	3289	0	126
	Jun 2011	400	286	11	182	0	182	136	6030.76	3378	0	182
	Jul 2011	219	172	14	114	0	114	138	6031.86	3421	0	114
	Aug 2011	96	119	13	114	0	114	137	6031.66	3414	0	114
	Sep 2011	58	78	11	110	0	110	136	6030.58	3371	0	110
	WY 2011	1515	1463	80	1108	0	1108					1108
	Oct 2011	59	80	7	114	0	114	134	6029.56	3332	0	114
	Nov 2011	51	77	3	110	0	110	133	6028.63	3297	0	110
	Dec 2011	36	74	2	114	0	114	131	6027.58	3256	0	114
	Jan 2012	41	80	2	114	0	114	130	6026.68	3223	0	114
	Feb 2012	47	84	2	106	0	106	129	6026.03	3199	0	106

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Taylor Park Reservoir

		Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Mar 2009	4	5	9310.68	71
H	Apr 2009	11	5	9314.31	77
I	May 2009	46	20	9328.38	103
S	Jun 2009	37	35	9329.45	105
T	Jul 2009	16	26	9324.35	95
O	Aug 2009	7	19	9317.78	83
R	Sep 2009	6	15	9312.44	74
	WY 2009	153	152		
I	Oct 2009	7	8	9311.60	72
C	Nov 2009	5	6	9310.68	71
A	Dec 2009	4	6	9309.18	69
L	Jan 2010	4	6	9307.90	67
*	Feb 2010	4	6	9306.55	65
	Mar 2010	4	6	9304.74	62
	Apr 2010	8	8	9305.08	62
	May 2010	24	14	9311.53	72
	Jun 2010	37	16	9323.45	93
	Jul 2010	16	20	9321.31	89
	Aug 2010	8	19	9315.13	78
	Sep 2010	6	15	9309.66	69
	WY 2010	126	130		
	Oct 2010	6	8	9308.47	67
	Nov 2010	5	6	9307.79	66
	Dec 2010	4	6	9306.80	65
	Jan 2011	4	6	9305.59	63
	Feb 2011	4	6	9304.04	61
	Mar 2011	4	6	9302.81	59
	Apr 2011	8	8	9303.40	60
	May 2011	27	14	9311.97	73
	Jun 2011	43	16	9326.88	100
	Jul 2011	20	20	9327.09	100
	Aug 2011	10	22	9320.80	88
	Sep 2011	7	15	9316.31	80
	WY 2011	144	132		
	Oct 2011	6	10	9314.05	77
	Nov 2011	5	6	9313.42	75
	Dec 2011	4	6	9312.51	74
	Jan 2012	4	6	9311.40	72
	Feb 2012	4	6	9310.06	70

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Blue Mesa Reservoir

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Mar 2009	40	40	0	49	0	49	7484.97	543
H	Apr 2009	104	99	1	61	0	61	7489.84	580
I	May 2009	344	317	1	110	10	120	7513.48	776
S	Jun 2009	229	227	1	172	3	175	7519.02	826
T	Jul 2009	95	105	2	144	0	144	7514.49	785
O	Aug 2009	42	54	1	128	0	128	7505.79	710
R	Sep 2009	26	35	1	93	0	93	7498.71	651
	WY 2009	1017	1016	9	993	13	1006		
I	Oct 2009	33	34	1	81	0	81	7492.82	603
C	Nov 2009	27	28	0	28	0	28	7492.84	604
A	Dec 2009	21	23	0	47	0	47	7489.73	579
L	Jan 2010	22	24	0	43	0	43	7487.22	560
*	Feb 2010	22	24	0	38	0	38	7485.33	546
	Mar 2010	25	28	0	39	0	39	7483.77	534
	Apr 2010	70	70	1	46	0	46	7486.79	557
	May 2010	180	170	1	113	0	113	7493.97	613
	Jun 2010	235	214	1	58	0	58	7512.44	767
	Jul 2010	85	89	2	110	0	110	7509.86	745
	Aug 2010	49	60	1	111	0	111	7503.75	693
	Sep 2010	32	41	1	82	0	82	7498.68	651
	WY 2010	800	805	9	797	0	797		
	Oct 2010	36	37	1	58	0	58	7496.08	629
	Nov 2010	31	32	0	29	0	29	7496.43	632
	Dec 2010	25	27	0	77	0	77	7490.00	581
	Jan 2011	24	26	0	92	0	92	7481.30	516
	Feb 2011	22	24	0	60	0	60	7476.31	479
	Mar 2011	34	36	0	43	0	43	7475.25	472
	Apr 2011	73	72	1	50	0	50	7478.31	494
	May 2011	212	199	1	74	0	74	7494.61	618
	Jun 2011	271	244	1	68	0	68	7515.28	792
	Jul 2011	121	120	2	109	0	109	7516.40	802
	Aug 2011	62	74	1	122	0	122	7510.81	753
	Sep 2011	36	44	1	113	0	113	7502.63	683
	WY 2011	946	935	9	894	0	894		
	Oct 2011	36	39	1	65	0	65	7499.48	657
	Nov 2011	31	32	0	36	0	36	7498.91	652
	Dec 2011	25	27	0	97	0	97	7490.00	581
	Jan 2012	24	26	0	92	0	92	7481.30	516
	Feb 2012	23	25	0	62	0	62	7476.10	478

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Morrow Point Reservoir

		Unreg Inflow 1000 Ac-Ft	Blue_Mesa Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Evap losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Mar 2009	42	49	2	51	0	43	6	49	7147.72	107
H	Apr 2009	119	61	14	75	0	69	0	69	7155.78	114
I	May 2009	377	120	34	154	0	153	2	155	7154.23	112
S	Jun 2009	241	175	12	188	0	184	0	184	7158.19	116
T	Jul 2009	97	144	2	146	0	148	0	148	7155.33	113
O	Aug 2009	42	128	0	128	0	129	0	129	7154.90	113
R	Sep 2009	27	93	1	94	0	100	0	100	7146.95	107
	WY 2009	1088	1006	70	1077	1	1074	8	1083		
I	Oct 2009	34	81	1	82	0	81	0	81	7148.23	108
C	Nov 2009	29	28	2	30	0	27	0	27	7152.38	111
A	Dec 2009	22	47	1	48	0	47	0	47	7153.12	112
L	Jan 2010	24	43	2	45	0	47	0	47	7150.49	109
*	Feb 2010	22	38	1	38	0	41	0	41	7147.10	107
	Mar 2010	28	39	3	42	0	37	0	37	7153.73	112
	Apr 2010	80	46	10	56	0	56	0	56	7153.73	112
	May 2010	200	113	20	133	0	133	0	133	7153.73	112
	Jun 2010	250	58	15	73	0	73	0	73	7153.73	112
	Jul 2010	90	110	5	115	0	115	0	115	7153.73	112
	Aug 2010	52	111	3	114	0	114	0	114	7153.73	112
	Sep 2010	34	82	2	84	0	84	0	84	7153.73	112
	WY 2010	864	797	64	861	0	855	0	855		
	Oct 2010	38	58	3	61	0	61	0	61	7153.73	112
	Nov 2010	33	29	2	31	0	31	0	31	7153.73	112
	Dec 2010	27	77	2	79	0	79	0	79	7153.73	112
	Jan 2011	26	92	2	94	0	94	0	94	7153.73	112
	Feb 2011	25	60	3	63	0	63	0	63	7153.73	112
	Mar 2011	38	43	4	47	0	47	0	47	7153.73	112
	Apr 2011	84	50	11	61	0	61	0	61	7153.73	112
	May 2011	237	74	25	99	0	99	0	99	7153.73	112
	Jun 2011	292	68	21	89	0	89	0	89	7153.73	112
	Jul 2011	127	109	7	115	0	115	0	115	7153.73	112
	Aug 2011	65	122	4	126	0	126	0	126	7153.73	112
	Sep 2011	39	113	3	116	0	116	0	116	7153.73	112
	WY 2011	1032	894	86	980	0	980	0	980		
	Oct 2011	38	65	3	68	0	68	0	68	7153.73	112
	Nov 2011	33	36	2	38	0	38	0	38	7153.73	112
	Dec 2011	27	97	2	100	0	100	0	100	7153.73	112
	Jan 2012	26	92	2	94	0	94	0	94	7153.73	112
	Feb 2012	26	62	3	65	0	65	0	65	7153.73	112

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Crystal Reservoir

	unreg Inflow 1000 Ac-Ft	Morrow Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Tunnel Flow 1000 Ac-Ft	Below_tunnel Flow 1000 Ac-Ft
* Mar 2009	47	49	5	55	55	0	55	6751.30	16	10	47
H Apr 2009	130	69	12	81	80	0	80	6752.70	17	36	48
I May 2009	431	155	53	208	120	88	208	6752.57	17	55	160
S Jun 2009	264	184	23	207	116	91	207	6753.30	17	59	160
T Jul 2009	104	148	7	156	128	30	158	6743.22	14	68	101
O Aug 2009	44	129	2	131	130	0	130	6746.30	15	67	72
R Sep 2009	29	100	2	102	102	0	102	6746.55	15	63	46
WY 2009	1209	1083	121	1204	964	238	1202			416	857
I Oct 2009	36	81	3	84	72	10	82	6751.89	17	49	36
C Nov 2009	32	27	3	29	31	0	31	6747.51	15	1	31
A Dec 2009	25	47	3	51	52	0	52	6743.59	14	1	53
L Jan 2010	26	47	3	50	49	0	49	6745.38	15	1	50
* Feb 2010	25	41	3	44	25	17	42	6751.67	17	1	43
Mar 2010	33	37	5	42	41	0	41	6753.04	17	5	36
Apr 2010	90	56	10	66	66	0	66	6753.04	17	30	36
May 2010	225	133	25	158	134	24	158	6753.04	17	55	103
Jun 2010	285	73	35	108	108	0	108	6753.04	17	60	48
Jul 2010	95	115	5	120	120	0	120	6753.04	17	65	55
Aug 2010	58	114	6	120	120	0	120	6753.04	17	65	55
Sep 2010	41	84	7	91	91	0	91	6753.04	17	55	36
WY 2010	971	855	107	962	909	51	960			386	583
Oct 2010	44	61	6	67	67	0	67	6753.04	17	30	37
Nov 2010	38	31	5	36	36	0	36	6753.04	17	0	36
Dec 2010	32	79	5	84	84	0	84	6753.04	17	0	84
Jan 2011	31	94	5	99	99	0	99	6753.04	17	0	99
Feb 2011	29	63	4	67	67	0	67	6753.04	17	0	67
Mar 2011	46	47	7	54	54	0	54	6753.04	17	5	49
Apr 2011	96	61	12	73	73	0	73	6753.04	17	30	43
May 2011	272	99	35	134	134	0	134	6753.04	17	55	79
Jun 2011	330	89	38	127	127	0	127	6753.04	17	60	67
Jul 2011	144	115	17	132	132	0	132	6753.04	17	65	67
Aug 2011	74	126	8	134	134	0	134	6753.04	17	65	69
Sep 2011	45	116	6	122	122	0	122	6753.04	17	55	67
WY 2011	1183	980	150	1130	1130	0	1130			365	765
Oct 2011	44	68	6	74	74	0	74	6753.04	17	30	44
Nov 2011	38	38	5	43	43	0	43	6753.04	17	0	43
Dec 2011	32	100	5	104	104	0	104	6753.04	17	0	104
Jan 2012	31	94	5	99	99	0	99	6753.04	17	0	99
Feb 2012	30	65	4	69	69	0	69	6753.04	17	0	69

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Vallecito Reservoir

		Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Mar 2009	8	4	7647.33	81
H	Apr 2009	22	10	7652.11	92
I	May 2009	98	66	7664.50	124
S	Jun 2009	44	43	7664.64	124
T	Jul 2009	19	39	7656.79	104
O	Aug 2009	8	39	7643.59	72
R	Sep 2009	8	30	7632.32	49
	WY 2009	237	254		
I	Oct 2009	8	13	7629.82	44
C	Nov 2009	4	3	7630.41	45
A	Dec 2009	4	3	7630.60	46
L	Jan 2010	4	3	7631.27	47
*	Feb 2010	3	4	7630.95	46
	Mar 2010	4	8	7628.48	42
	Apr 2010	17	9	7632.81	50
	May 2010	65	32	7648.12	82
	Jun 2010	90	48	7664.45	124
	Jul 2010	28	43	7658.56	108
	Aug 2010	17	43	7647.85	82
	Sep 2010	15	35	7638.70	62
	WY 2010	259	243		
	Oct 2010	14	21	7635.00	54
	Nov 2010	8	6	7636.17	56
	Dec 2010	6	6	7636.07	56
	Jan 2011	5	5	7636.32	57
	Feb 2011	5	4	7636.51	57
	Mar 2011	8	8	7636.60	57
	Apr 2011	22	13	7640.61	66
	May 2011	69	46	7650.63	88
	Jun 2011	78	59	7657.86	107
	Jul 2011	31	43	7652.83	94
	Aug 2011	19	39	7644.16	73
	Sep 2011	17	29	7638.43	61
	WY 2011	282	280		
	Oct 2011	14	19	7635.73	56
	Nov 2011	8	6	7636.87	58
	Dec 2011	6	5	7637.54	59
	Jan 2012	5	5	7637.79	60
	Feb 2012	5	4	7637.98	60

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Navajo Reservoir

		Mod_Unreg Inflow 1000 Ac-Ft	Azetea Tunnel_Div 1000 Ac-Ft	Reg Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	NIIP Diversion 1000 ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Farm Flow 1000 Ac-Ft
*	Mar 2009	76	6	65	2	5	31	6055.13	1288	61
H	Apr 2009	125	19	97	2	19	30	6058.76	1337	69
I	May 2009	361	52	275	4	29	59	6072.47	1515	251
S	Jun 2009	146	24	120	5	36	115	6069.92	1479	184
T	Jul 2009	29	4	43	5	43	53	6065.70	1422	77
O	Aug 2009	-11	0	20	4	42	49	6059.96	1347	64
R	Sep 2009	5	0	28	3	22	37	6057.30	1314	52
	WY 2009	849	106	760	28	209	528			1002
I	Oct 2009	15	0	21	2	13	37	6054.76	1283	51
C	Nov 2009	14	0	13	1	0	29	6053.34	1265	49
A	Dec 2009	11	0	11	1	0	31	6051.61	1245	48
L	Jan 2010	14	0	13	1	0	31	6050.04	1226	52
*	Feb 2010	16	0	16	1	0	27	6049.04	1214	43
	Mar 2010	50	0	54	1	4	31	6050.55	1232	31
	Apr 2010	140	15	117	2	16	30	6056.27	1301	30
	May 2010	290	46	211	4	28	35	6067.49	1446	35
	Jun 2010	285	38	205	4	43	133	6069.32	1471	133
	Jul 2010	50	5	60	5	45	34	6067.57	1447	34
	Aug 2010	32	5	53	4	38	38	6065.51	1420	38
	Sep 2010	35	2	53	3	21	51	6063.85	1398	51
	WY 2010	953	110	827	28	210	506			593
	Oct 2010	40	2	46	2	8	31	6064.31	1404	31
	Nov 2010	33	0	30	1	0	30	6064.28	1403	30
	Dec 2010	24	0	24	1	0	31	6063.70	1396	31
	Jan 2011	22	0	21	1	0	31	6062.92	1385	31
	Feb 2011	30	0	30	1	0	28	6062.99	1386	28
	Mar 2011	88	2	86	2	4	31	6066.73	1436	31
	Apr 2011	174	16	149	3	17	34	6073.65	1532	34
	May 2011	279	33	222	4	29	200	6072.89	1521	200
	Jun 2011	246	29	199	5	44	212	6068.43	1459	212
	Jul 2011	74	7	79	5	47	31	6068.20	1456	31
	Aug 2011	43	3	61	4	40	31	6067.19	1442	31
	Sep 2011	42	1	53	3	22	30	6067.07	1440	30
	WY 2011	1096	93	1000	29	210	718			718
	Oct 2011	40	1	44	2	8	31	6067.38	1445	31
	Nov 2011	33	0	30	1	0	30	6067.34	1444	30
	Dec 2011	24	0	22	1	0	31	6066.67	1435	31
	Jan 2012	22	0	21	1	0	31	6065.90	1425	31
	Feb 2012	31	0	31	1	0	29	6065.98	1426	29

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Lake Powell

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	PowerPlant Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Bank Storage 1000 Ac-Ft	EOM Storage 1000 Ac-Ft	Lees Ferry 1000 Ac-Ft
*	Mar 2009	470	445	16	626	0	626	3610.43	17268	12774	632
H	Apr 2009	788	669	25	604	0	604	3611.26	17224	12858	611
I	May 2009	2921	2446	31	582	0	582	3629.09	17163	14751	586
S	Jun 2009	2701	2217	54	664	0	664	3640.49	17353	16061	670
T	Jul 2009	1394	1219	67	803	0	803	3641.14	17625	16138	828
O	Aug 2009	323	536	66	802	0	802	3637.50	17721	15710	829
R	Sep 2009	261	466	59	598	0	598	3635.37	17777	15463	613
	WY 2009	10623	10107	437	8236	0	8236				8396
I	Oct 2009	342	508	41	620	0	620	3633.52	17836	15251	634
C	Nov 2009	418	492	39	692	0	692	3631.10	17872	14976	702
A	Dec 2009	309	437	30	901	0	901	3626.22	17920	14434	925
L	Jan 2010	303	425	9	900	0	900	3622.14	17878	13991	925
*	Feb 2010	294	384	10	631	0	631	3620.16	17833	13780	644
	Mar 2010	450	451	17	600	0	600	3618.71	17821	13627	600
	Apr 2010	750	608	26	600	0	600	3618.55	17819	13610	600
	May 2010	1650	1397	32	600	0	600	3625.17	17876	14319	600
	Jun 2010	2200	1870	52	600	0	600	3635.23	17966	15447	600
	Jul 2010	800	827	64	808	0	808	3634.87	17963	15405	808
	Aug 2010	415	531	63	802	0	802	3632.16	17938	15096	802
	Sep 2010	398	501	58	476	0	476	3631.88	17936	15065	476
	WY 2010	8329	8430	439	8230	0	8230				8316
	Oct 2010	514	544	40	492	0	492	3631.99	17937	15077	492
	Nov 2010	523	533	38	800	0	800	3629.48	17914	14794	800
	Dec 2010	414	505	30	950	0	950	3625.49	17879	14354	950
	Jan 2011	384	487	9	950	0	950	3621.45	17844	13917	950
	Feb 2011	394	446	10	900	0	900	3617.38	17810	13488	900
	Mar 2011	628	549	16	900	0	900	3614.11	17782	13148	900
	Apr 2011	950	743	25	1042	0	1042	3611.17	17758	12848	1042
	May 2011	2161	1869	30	1100	0	1100	3617.81	17813	13533	1100
	Jun 2011	2811	2429	49	1140	0	1140	3628.45	17905	14680	1140
	Jul 2011	1346	1239	61	1225	0	1225	3628.06	17902	14637	1225
	Aug 2011	566	674	60	1161	0	1161	3623.43	17861	14130	1161
	Sep 2011	460	599	54	595	0	595	3623.00	17857	14083	595
	WY 2011	11151	10617	422	11255	0	11255				11255
	Oct 2011	514	597	38	615	0	615	3622.52	17853	14032	615
	Nov 2011	523	585	36	600	0	600	3622.08	17849	13985	600
	Dec 2011	414	571	29	800	0	800	3619.84	17830	13746	800
	Jan 2012	384	533	9	800	0	800	3617.42	17810	13491	800
	Feb 2012	408	505	10	600	0	600	3616.49	17802	13395	600

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Hoover Dam - Lake Mead

		Glen Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	SNWP Use 1000 Ac-Ft	Dwnstrm Reqmnts 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
*	Mar 2009	626	62	34	1037	16.9	17	1036	791	1107.40	12164
H	Apr 2009	604	36	42	1174	19.7	20	1169	754	1101.26	11604
I	May 2009	582	63	47	977	15.9	33	968	729	1096.92	11217
S	Jun 2009	664	11	56	750	12.6	25	748	720	1095.26	11071
T	Jul 2009	803	38	70	840	13.7	30	838	714	1094.20	10978
O	Aug 2009	802	59	74	801	13.0	30	792	711	1093.73	10938
R	Sep 2009	598	55	61	575	9.7	22	570	711	1093.68	10933
	WY 2009	8236	651	585	9210		242	9119			
I	Oct 2009	620	23	44	613	10.0	25	608	708	1093.26	10897
C	Nov 2009	692	39	44	648	10.9	15	647	710	1093.52	10919
A	Dec 2009	901	51	39	646	10.5	9	629	726	1096.30	11162
L	Jan 2010	900	124	32	634	10.3	6	578	747	1100.02	11493
*	Feb 2010	631	112	30	400	7.2	6	399	766	1103.21	11780
	Mar 2010	600	101	33	921	15.0	33	921	748	1100.23	11511
	Apr 2010	600	71	41	1097	18.4	28	1097	718	1094.99	11047
	May 2010	600	73	46	1031	16.8	36	1031	691	1090.21	10634
	Jun 2010	600	28	54	899	15.1	34	899	669	1086.25	10296
	Jul 2010	808	61	67	913	14.8	36	913	660	1084.61	10159
	Aug 2010	802	106	71	826	13.4	37	826	659	1084.31	10133
	Sep 2010	476	71	58	717	12.1	33	717	643	1081.36	9888
	WY 2010	8230	860	560	9345		297	9265			
	Oct 2010	492	55	42	498	8.1	43	498	640	1080.94	9853
	Nov 2010	800	54	42	777	13.1	33	777	641	1080.95	9854
	Dec 2010	950	57	37	650	10.6	27	650	658	1084.27	10130
	Jan 2011	950	135	30	682	11.1	20	682	680	1088.19	10461
	Feb 2011	900	135	28	667	12.0	21	667	699	1091.68	10760
	Mar 2011	900	101	32	1003	16.3	28	1003	696	1091.00	10701
	Apr 2011	1042	71	40	1139	19.1	22	1139	690	1090.04	10619
	May 2011	1100	73	46	985	16.0	32	985	697	1091.27	10724
	Jun 2011	1140	28	55	841	14.1	29	841	712	1093.89	10951
	Jul 2011	1225	61	70	888	14.4	31	888	730	1097.07	11230
	Aug 2011	1161	106	76	811	13.2	32	811	751	1100.73	11556
	Sep 2011	595	71	63	681	11.4	27	681	745	1099.63	11458
	WY 2011	11255	946	561	9622		347	9622			
	Oct 2011	615	55	46	465	7.6	39	465	752	1100.89	11571
	Nov 2011	600	54	46	574	9.7	28	574	752	1100.94	11576
	Dec 2011	800	57	40	557	9.1	22	557	767	1103.42	11799
	Jan 2012	800	135	33	683	11.1	20	683	779	1105.47	11986
	Feb 2012	600	138	30	668	11.6	21	668	780	1105.66	12004

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Davis Dam - Lake Mohave

		Hoover Release 1000 Ac-Ft	Side inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Spill Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
*	Mar 2009	1037	-14	1035	0	1035	16.8	641.38	1655
H	Apr 2009	1174	-14	1097	0	1097	18.4	643.11	1702
I	May 2009	977	-5	916	0	916	14.9	644.36	1736
S	Jun 2009	750	-3	788	0	788	13.2	641.92	1669
T	Jul 2009	840	5	835	0	835	13.6	641.37	1654
O	Aug 2009	801	-8	756	0	756	12.3	641.90	1669
R	Sep 2009	575	2	726	0	726	12.2	635.60	1501
	WY 2009	9210	-123	9008	0	9008			
I	Oct 2009	613	-8	623	0	623	10.1	634.34	1469
C	Nov 2009	648	-15	590	0	590	9.9	635.61	1502
A	Dec 2009	646	-24	532	0	532	8.7	638.68	1582
L	Jan 2010	634	-15	456	0	456	7.4	644.34	1736
*	Feb 2010	400	-4	442	0	442	8.0	642.31	1680
	Mar 2010	921	-14	903	0	903	14.7	642.00	1671
	Apr 2010	1097	-15	1038	0	1038	17.5	643.00	1699
	May 2010	1031	-10	999	0	999	16.3	643.00	1699
	Jun 2010	899	-2	898	0	898	15.1	642.00	1671
	Jul 2010	913	3	904	0	904	14.7	641.50	1658
	Aug 2010	826	-3	800	0	800	13.0	641.50	1658
	Sep 2010	717	1	794	0	794	13.3	638.00	1564
	WY 2010	9345	-106	8980	0	8980			
	Oct 2010	498	5	682	0	682	11.1	630.49	1371
	Nov 2010	777	-9	643	0	643	10.8	635.00	1486
	Dec 2010	650	-12	531	0	531	8.6	638.71	1583
	Jan 2011	682	-13	576	0	576	9.4	641.80	1666
	Feb 2011	667	-5	653	0	653	11.8	641.80	1666
	Mar 2011	1003	-14	942	0	942	15.3	643.05	1700
	Apr 2011	1139	-15	1108	0	1108	18.6	643.00	1699
	May 2011	985	-10	953	0	953	15.5	643.00	1699
	Jun 2011	841	-2	840	0	840	14.1	642.00	1671
	Jul 2011	888	3	880	0	880	14.3	641.50	1658
	Aug 2011	811	-3	785	0	785	12.8	641.50	1658
	Sep 2011	681	1	757	0	757	12.7	638.00	1564
	WY 2011	9622	-73	9352	0	9352			
	Oct 2011	465	5	585	0	585	9.5	633.00	1434
	Nov 2011	574	-9	504	0	504	8.5	635.00	1486
	Dec 2011	557	-12	438	0	438	7.1	638.71	1583
	Jan 2012	683	-13	577	0	577	9.4	641.80	1666
	Feb 2012	668	-5	653	0	653	11.4	641.80	1666

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Parker Dam - Lake Havasu

		Davis Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	MWD Diversion 1000 Ac-Ft	CAP diversion 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft	Flow_to Mexico 1000 Ac-Ft	Flow_to Mexico 1000 CFS
*	Mar 2009	1035	11	736	12.0	99	180	446.75	557	208	3.4
H	Apr 2009	1097	15	784	13.2	97	172	448.75	595	205	3.4
I	May 2009	916	20	647	10.5	101	165	448.71	594	122	2.0
S	Jun 2009	788	20	595	10.0	98	94	448.49	590	113	1.9
T	Jul 2009	835	17	655	10.6	100	75	448.11	582	120	2.0
O	Aug 2009	756	24	582	9.5	100	70	448.19	584	101	1.6
R	Sep 2009	726	21	505	8.5	96	143	447.16	564	93	1.6
	WY 2009	9008	180	6347		1070	1602			1584	
I	Oct 2009	623	17	446	7.2	26	133	448.03	581	77	1.2
C	Nov 2009	590	32	365	6.1	107	144	447.61	573	103	1.7
A	Dec 2009	532	28	301	4.9	104	149	447.34	568	135	2.2
L	Jan 2010	456	41	233	3.8	99	126	448.89	597	174	2.8
*	Feb 2010	442	10	331	6.0	66	91	446.29	548	141	2.5
	Mar 2010	903	45	663	10.8	71	182	447.00	561	215	3.5
	Apr 2010	1038	15	787	13.2	38	175	448.70	593	204	3.4
	May 2010	999	11	697	11.3	109	180	448.70	593	113	1.8
	Jun 2010	898	7	665	11.2	105	105	448.70	593	112	1.9
	Jul 2010	904	14	722	11.7	109	69	448.00	580	118	1.9
	Aug 2010	800	20	619	10.1	109	73	447.50	571	92	1.5
	Sep 2010	794	13	536	9.0	105	155	446.81	557	89	1.5
	WY 2010	8980	252	6365		1049	1582			1574	
	Oct 2010	682	20	445	7.2	110	137	446.31	548	72	1.2
	Nov 2010	643	22	379	6.4	105	164	446.50	552	105	1.8
	Dec 2010	531	20	289	4.7	109	143	446.50	552	118	1.9
	Jan 2011	576	34	350	5.7	85	165	446.50	552	122	2.0
	Feb 2011	653	40	446	8.0	77	156	446.50	552	153	2.8
	Mar 2011	942	45	707	11.5	85	173	446.70	555	208	3.4
	Apr 2011	1108	15	816	13.7	83	166	448.70	593	200	3.4
	May 2011	953	11	695	11.3	86	158	448.70	593	111	1.8
	Jun 2011	840	7	644	10.8	83	90	448.70	593	112	1.9
	Jul 2011	880	14	718	11.7	85	72	448.00	580	118	1.9
	Aug 2011	785	20	631	10.3	85	68	447.50	571	92	1.5
	Sep 2011	757	13	551	9.3	62	147	446.81	557	89	1.5
	WY 2011	9352	260	6668		1057	1639			1500	
	Oct 2011	585	20	458	7.4	24	113	446.31	548	72	1.2
	Nov 2011	504	22	373	6.3	24	111	446.50	552	105	1.8
	Dec 2011	438	20	298	4.9	24	125	446.50	552	118	1.9
	Jan 2012	577	34	349	5.7	86	165	446.50	552	122	2.0
	Feb 2012	653	41	446	7.8	78	156	446.50	552	153	2.7

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Hoover Dam - Lake Mead

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Hoover Static Head Feet	Hoover Generator Capacity MW	Hoover Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Mar 2009	1037	16.9	1107.40	12164	-376	0.00	950.0	415.9	55	401.2
H	Apr 2009	1174	19.7	1101.26	11604	-560	0.00	1284.0	474.0	76	403.7
I	May 2009	977	15.9	1096.92	11217	-387	0.00	1411.0	381.7	85	390.6
S	Jun 2009	750	12.6	1095.26	11071	-146	0.00	1641.0	287.2	100	383.1
T	Jul 2009	840	13.7	1094.20	10978	-93	0.00	1640.0	324.9	100	386.9
O	Aug 2009	801	13.0	1093.73	10938	-41	0.00	1648.0	307.5	100	383.8
R	Sep 2009	574	9.7	1093.68	10933	-4	0.00	1656.0	215.3	100	374.9
	WY 2009	9210							3592.3		
I	Oct 2009	613	10.0	1093.26	10897	-37	0.00	1158.0	235.5	70	384.4
C	Nov 2009	648	10.9	1093.52	10919	23	0.00	1358.0	251.9	82	388.7
A	Dec 2009	646	10.5	1096.30	11162	243	0.00	1037.0	248.8	63	385.3
L	Jan 2010	634	10.3	1100.02	11493	330	0.00	1050.0	248.9	63	392.4
*	Feb 2010	400	7.2	1103.21	11780	288	0.00	1044.0	152.7	63	381.5
	Mar 2010	921	15.0	1100.23	11511	-269	451.30	1272.0	377.5	75	409.9
	Apr 2010	1097	18.4	1094.99	11047	-464	446.35	1337.0	449.5	81	409.6
	May 2010	1031	16.8	1090.21	10634	-413	439.67	1522.0	406.8	94	394.6
	Jun 2010	899	15.1	1086.25	10296	-338	435.01	1597.0	351.2	100	390.8
	Jul 2010	913	14.8	1084.61	10159	-138	432.72	1587.0	354.1	100	387.9
	Aug 2010	826	13.4	1084.31	10133	-25	431.92	1585.0	323.2	100	391.2
	Sep 2010	717	12.1	1081.36	9888	-245	431.44	1569.0	276.8	100	385.9
	WY 2010	9345							3676.9		
	Oct 2010	498	8.1	1080.94	9853	-35	433.89	1277.0	193.7	81	388.8
	Nov 2010	777	13.1	1080.95	9854	1	436.22	1271.0	308.1	81	396.6
	Dec 2010	650	10.6	1084.27	10130	275	434.50	1394.0	249.2	87	383.3
	Jan 2011	682	11.1	1088.19	10461	331	436.59	1307.0	265.3	80	388.8
	Feb 2011	667	12.0	1091.68	10760	299	438.50	1443.0	262.5	87	393.3
	Mar 2011	1003	16.3	1091.00	10701	-59	439.41	1456.0	395.3	88	394.1
	Apr 2011	1139	19.1	1090.04	10619	-82	437.60	1546.0	455.5	94	400.0
	May 2011	985	16.0	1091.27	10724	105	437.09	1653.0	382.3	100	388.2
	Jun 2011	841	14.1	1093.89	10951	228	439.32	1667.0	336.1	100	399.8
	Jul 2011	888	14.4	1097.07	11230	278	442.69	1688.0	358.5	100	403.6
	Aug 2011	811	13.2	1100.73	11556	327	446.24	1688.0	326.3	100	402.5
	Sep 2011	681	11.4	1099.63	11458	-99	448.65	1688.0	270.4	100	397.2
	WY 2011	9622							3803.2		
	Oct 2011	465	7.6	1100.89	11571	113	452.88	1373.0	185.6	81	399.4
	Nov 2011	574	9.7	1100.94	11576	5	455.25	1361.3	230.9	81	402.0
	Dec 2011	557	9.1	1103.42	11799	224	453.94	1469.8	220.7	87	396.3
	Jan 2012	683	11.1	1105.47	11986	187	454.70	1356.0	275.5	80	403.3
	Feb 2012	668	11.6	1105.66	12004	17	454.03	1476.2	269.8	87	404.0

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Davis Dam - Lake Mohave

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Davis Static Head Feet	Davis Generator Capacity MW	Davis Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Mar 2009	1035	16.8	641.38	1655	-25	0.00	255.0	121.2	100	117.1
H	Apr 2009	1097	18.4	643.11	1702	47	0.00	255.0	135.7	100	123.7
I	May 2009	916	14.9	644.36	1736	34	0.00	255.0	115.6	100	126.3
S	Jun 2009	788	13.2	641.92	1669	-67	0.00	255.0	99.5	100	126.2
T	Jul 2009	835	13.6	641.37	1654	-15	0.00	255.0	101.8	100	121.9
O	Aug 2009	756	12.3	641.90	1669	14	0.00	255.0	94.4	100	124.8
R	Sep 2009	726	12.2	635.60	1501	-167	0.00	255.0	89.2	100	122.8
	WY 2009	9008							1106.2		
I	Oct 2009	623	10.1	634.34	1469	-33	0.00	216.8	74.2	85	119.1
C	Nov 2009	590	9.9	635.61	1502	33	0.00	186.2	70.9	73	120.3
A	Dec 2009	532	8.7	638.68	1582	81	0.00	188.7	65.9	74	123.8
L	Jan 2010	456	7.4	644.34	1736	153	0.00	204.0	57.9	80	127.1
*	Feb 2010	442	8.0	642.31	1680	-56	0.00	216.8	56.9	85	128.6
	Mar 2010	903	14.7	642.00	1671	-8	135.29	249.9	112.5	98	124.6
	Apr 2010	1038	17.5	643.00	1699	27	135.51	255.0	128.9	100	124.1
	May 2010	999	16.3	643.00	1699	0	136.04	255.0	124.8	100	124.9
	Jun 2010	898	15.1	642.00	1671	-27	135.51	255.0	112.1	100	124.8
	Jul 2010	904	14.7	641.50	1658	-14	134.73	255.0	112.3	100	124.2
	Aug 2010	800	13.0	641.50	1658	0	134.46	255.0	99.7	100	124.6
	Sep 2010	794	13.3	638.00	1564	-94	132.63	255.0	97.6	100	122.9
	WY 2010	8980							1113.7		
	Oct 2010	682	11.1	630.49	1371	-193	127.33	237.2	81.0	93	118.7
	Nov 2010	643	10.8	635.00	1486	115	125.82	234.6	75.5	92	117.5
	Dec 2010	531	8.6	638.71	1583	97	130.00	239.7	64.8	94	122.0
	Jan 2011	576	9.4	641.80	1666	83	134.16	219.3	71.9	86	124.7
	Feb 2011	653	11.8	641.80	1666	0	135.05	244.8	81.8	96	125.3
	Mar 2011	942	15.3	643.05	1700	34	135.44	255.0	117.4	100	124.7
	Apr 2011	1108	18.6	643.00	1699	-2	136.07	255.0	137.7	100	124.2
	May 2011	953	15.5	643.00	1699	0	136.04	255.0	119.2	100	125.1
	Jun 2011	840	14.1	642.00	1671	-27	135.51	255.0	105.1	100	125.1
	Jul 2011	880	14.3	641.50	1658	-14	134.73	255.0	109.4	100	124.4
	Aug 2011	785	12.8	641.50	1658	0	134.46	255.0	97.8	100	124.7
	Sep 2011	757	12.7	638.00	1564	-94	132.63	255.0	93.2	100	123.1
	WY 2011	9352							1155.0		
	Oct 2011	585	9.5	633.00	1434	-130	128.65	237.2	70.5	93	120.4
	Nov 2011	504	8.5	635.00	1486	51	127.14	234.6	60.2	92	119.5
	Dec 2011	438	7.1	638.71	1583	97	130.00	239.7	53.7	94	122.6
	Jan 2012	577	9.4	641.80	1666	83	134.16	219.3	72.0	86	124.7
	Feb 2012	653	11.4	641.80	1666	0	135.05	244.8	81.9	96	125.4

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T E M R E S E R V O I R S

Bureau of Reclamation - CRFS 3/2010 Most Prob Water Supply 08-mar-2010 16:52:29
Parker Dam - Lake Havasu

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Parker Static Head Feet	Parker Generator Capacity MW	Parker Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Mar 2009	736	12.0	446.75	556	12	0.00	87.6	49.2	73	66.8
H	Apr 2009	784	13.2	448.75	595	38	0.00	111.6	53.8	93	68.6
I	May 2009	647	10.5	448.71	594	-1	0.00	120.0	44.9	100	69.4
S	Jun 2009	595	10.0	448.49	590	-4	0.00	120.0	41.3	100	69.5
T	Jul 2009	655	10.6	448.11	582	-7	0.00	120.0	43.4	100	66.3
O	Aug 2009	582	9.5	448.19	584	2	0.00	118.8	39.9	99	68.6
R	Sep 2009	505	8.5	447.16	564	-19	0.00	87.6	35.0	73	69.2
	WY 2009	6347							433.2		
I	Oct 2009	446	7.2	448.03	581	16	0.00	90.0	30.5	75	68.5
C	Nov 2009	365	6.1	447.61	573	-8	0.00	66.0	25.9	55	71.0
A	Dec 2009	301	4.9	447.34	568	-5	0.00	76.8	20.2	64	67.1
L	Jan 2010	233	3.8	448.89	597	29	0.00	66.0	15.6	55	66.8
*	Feb 2010	331	6.0	446.29	548	-49	0.00	90.0	22.8	75	68.8
	Mar 2010	663	10.8	447.00	561	13	75.46	90.0	43.9	75	66.2
	Apr 2010	787	13.2	448.70	593	32	76.63	90.0	53.2	75	67.6
	May 2010	697	11.3	448.70	593	0	76.05	120.0	46.3	100	66.5
	Jun 2010	665	11.2	448.70	593	0	76.05	120.0	44.2	100	66.4
	Jul 2010	722	11.7	448.00	580	-13	75.71	120.0	47.9	100	66.3
	Aug 2010	619	10.1	447.50	571	-10	75.13	120.0	40.5	100	65.5
	Sep 2010	536	9.0	446.81	557	-13	74.55	120.0	34.8	100	64.9
	WY 2010	6365							425.8		
	Oct 2010	445	7.2	446.31	548	-9	73.97	120.0	28.5	100	63.9
	Nov 2010	379	6.4	446.50	552	3	75.04	93.6	24.4	78	64.4
	Dec 2010	289	4.7	446.50	552	0	74.66	103.2	18.2	86	62.9
	Jan 2011	350	5.7	446.50	552	0	75.01	96.0	22.4	80	64.0
	Feb 2011	446	8.0	446.50	552	0	74.71	102.0	28.9	85	64.8
	Mar 2011	707	11.5	446.70	555	4	74.01	120.0	45.9	100	64.9
	Apr 2011	816	13.7	448.70	593	38	75.08	120.0	53.9	100	66.1
	May 2011	695	11.3	448.70	593	0	76.05	120.0	46.2	100	66.5
	Jun 2011	644	10.8	448.70	593	0	76.05	120.0	42.7	100	66.4
	Jul 2011	718	11.7	448.00	580	-13	75.71	120.0	47.6	100	66.3
	Aug 2011	631	10.3	447.50	571	-10	75.13	120.0	41.4	100	65.6
	Sep 2011	551	9.3	446.81	557	-13	74.55	120.0	35.7	100	64.9
	WY 2011	6668							435.6		
	Oct 2011	458	7.4	446.31	548	-9	73.97	120.0	29.3	100	64.0
	Nov 2011	373	6.3	446.50	552	3	75.04	93.6	24.0	78	64.4
	Dec 2011	298	4.9	446.50	552	0	74.66	103.2	18.8	86	63.1
	Jan 2012	349	5.7	446.50	552	0	75.01	96.0	22.3	80	64.0
	Feb 2012	446	7.8	446.50	552	0	74.71	102.0	28.9	85	64.7

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T Y M R E S E R V O I R S

Bureau of Reclamation - CRFS 3/2010 Most Prob Water Supply 08-mar-2010 16:52:29

Upper Basin Power

		Glen Canyon 1000 MWHR	Flam Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Res 1000 MWHR	Font Res 1000 MWHR
*	Mar 2009	271	20	14	15	10	3
	Winter 2009	1840	156	81	101	50	21
H	Apr 2009	260	19	17	24	16	3
I	May 2009	256	57	33	55	23	4
S	Jun 2009	301	38	54	66	22	8
T	Jul 2009	371	47	45	53	22	8
O	Aug 2009	368	50	39	46	23	9
R	Sep 2009	275	48	28	35	20	6
	Summer 2009	1832	259	216	278	125	38
I	Oct 2009	285	44	24	28	14	4
C	Nov 2009	309	42	8	9	4	0
A	Dec 2009	403	42	13	17	9	0
L	Jan 2010	401	43	12	16	8	3
*	Feb 2010	279	34	11	14	4	3
	Mar 2010	247	22	11	13	7	4
	Winter 2010	1923	226	79	97	47	14
	Apr 2010	247	17	13	20	11	3
	May 2010	248	44	33	48	23	4
	Jun 2010	252	45	18	26	19	5
	Jul 2010	342	25	34	41	21	5
	Aug 2010	338	25	34	41	21	5
	Sep 2010	201	24	25	30	16	4
	Summer 2010	1628	179	158	207	110	26
	Oct 2010	207	25	17	22	12	5
	Nov 2010	336	24	9	11	6	5
	Dec 2010	397	25	23	29	15	5
	Jan 2011	394	25	27	34	17	5
	Feb 2011	370	22	17	23	12	4
	Mar 2011	368	25	12	17	9	4
	Winter 2011	2071	144	105	135	70	28
	Apr 2011	423	24	14	22	13	5
	May 2011	448	46	22	36	23	7
	Jun 2011	472	67	21	32	22	9
	Jul 2011	512	42	34	42	23	10
	Aug 2011	482	42	38	45	23	10
	Sep 2011	246	41	35	42	21	3
	Summer 2011	2584	261	164	218	125	44
	Oct 2011	254	42	20	24	13	6
	Nov 2011	248	40	11	14	7	6
	Dec 2011	329	42	29	36	18	6
	Jan 2012	328	42	27	34	17	5
	Feb 2012	245	39	18	23	12	5

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model_run_id = 2051

F L O O D C O N T R O L C R I T E R I A
B E G I N N I N G O F M O N T H C O N D I T I O N S

MON	YEAR	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	LAKE POWELL KAF	UPPER BASIN TOTAL KAF	LAKE MEAD KAF	TOTAL KAF	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	TOT OR MAX ALLOW KAF	LAKE POWELL KAF	LAKE MEAD KAF	TOTAL KAF	BOM SPACE REQD KAF	MEAD SCHED REL KAF	MEAD FC REL KAF	SYS CONT MAF
		* * * * P R E D I C T E D S P A C E * * * *										* * * * E F F E C T I V E S P A C E * * * *							
MAR	2010	788	284	482	10540	12093	15597	27690	149	229	386	764	10540	15597	26900	1500	921	0	32.6
APR	2010	799	296	464	10693	12252	15866	28118	157	243	362	762	10693	15866	27321	1500	1097	0	32.3
MAY	2010	767	273	395	10710	12144	16330	28475	118	219	275	612	10710	16330	27652	1500	1031	0	32.8
JUN	2010	769	217	250	10001	11237	16743	27980	113	152	98	363	10001	16743	27108	1500	899	0	33.9
JUL	2010	699	62	225	8873	9859	17081	26940	32	-25	26	33	8873	17081	25987	1500	913	0	33.6
												* * * * C R E D I T A B L E S P A C E * * * *							
AUG	2010	682	85	249	8915	9930	17218	27149	682	85	249	1016	8915	17218	27149	1500	826	0	33.2
SEP	2010	699	137	276	9224	10337	17244	27581	699	137	276	1113	9224	17244	27581	2270	717	0	32.7
OCT	2010	725	179	298	9255	10458	17489	27947	725	179	298	1203	9255	17489	27947	3040	498	0	32.4
NOV	2010	742	200	292	9243	10478	17524	28002	742	200	292	1234	9243	17524	28002	3810	777	0	32.2
DEC	2010	761	197	293	9526	10777	17523	28299	761	197	293	1251	9526	17523	28299	4580	650	0	32.1
JAN	2011	795	248	300	9966	11309	17247	28557	795	248	300	1343	9966	17247	28557	5350	682	0	32.0
												* * * * E F F E C T I V E S P A C E * * * *							
JAN	2011	795	248	300	9966	11309	17247	28557	531	248	220	999	9966	17247	28212	5350	682	0	32.0
FEB	2011	824	314	311	10403	11851	16916	28768	558	314	229	1101	10403	16916	28420	1500	667	0	31.8
MAR	2011	843	350	310	10832	12335	16617	28952	573	350	227	1151	10832	16617	28600	1500	1003	0	31.5
APR	2011	812	357	260	11172	12602	16676	29278	538	357	172	1067	11172	16676	28915	1500	1139	0	31.3
MAY	2011	744	336	164	11472	12715	16758	29473	461	336	56	853	11472	16758	29083	1500	985	0	32.4
JUN	2011	617	212	175	10787	11791	16653	28445	323	212	34	570	10787	16653	28010	1500	841	0	34.1
JUL	2011	416	37	237	9640	10330	16426	26755	106	12	48	166	9640	16426	26231	1500	888	0	34.4
												* * * * C R E D I T A B L E S P A C E * * * *							
AUG	2011	328	27	240	9683	10279	16147	26426	328	27	240	596	9683	16147	26426	1500	811	0	34.1
SEP	2011	361	77	254	10190	10881	15821	26702	361	77	254	691	10190	15821	26702	2270	681	0	33.7
OCT	2011	424	146	256	10237	11063	15919	26982	424	146	256	826	10237	15919	26982	3040	465	0	33.5
NOV	2011	486	172	251	10288	11197	15806	27004	486	172	251	910	10288	15806	27004	3810	574	0	33.4
DEC	2011	548	177	252	10335	11312	15801	27113	548	177	252	977	10335	15801	27113	4580	557	0	33.4
JAN	2012	626	248	261	10574	11709	15578	27287	626	248	261	1136	10574	15578	27287	5350	683	0	33.2
												* * * * E F F E C T I V E S P A C E * * * *							
JAN	2012	626	248	261	10574	11709	15578	27287	289	248	162	700	10574	15578	26851	5350	683	0	33.2
FEB	2012	700	314	271	10829	12114	15391	27505	362	314	172	848	10829	15391	27067	1500	668	0	33.1

April 24-Month Study
Date: April 8, 2010

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

Reservoir	March Inflow (unregulated) (acre-feet)	Percent of Average (%)	April 7 Midnight Elevation (feet)	Reservoir Storage (acre-feet)
Fontenelle	43,000	83	6468.24	112,000
Flaming Gorge	69,000	64	6026.11	3,201,000
Blue Mesa	29,000	82	7484.49	539,000
Powell	467,000	70	3618.99	13,657,000
Navajo	62,000	69	6053.02	1,261,000

Expected Operations

The operation of Lake Powell and Lake Mead in this April 2010 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines), and reflects the 2010 Annual Operating Plan (AOP). Pursuant to the Interim Guidelines, the August 2009 24-Month Study projections of the January 1, 2010 system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead.

The operational tier for water year 2010 for the coordinated operation of Lake Powell and Lake Mead is the Upper Elevation Balancing Tier. The April 24-Month study projects the end of water year elevation at Lake Powell to be 3629.20 feet and Lake Mead to be 1082.96 feet. Since the projected end of water year elevation at Lake Powell is below the 2010 Equalization Elevation of 3642 feet and the projected end of water year elevation at Lake Mead is above elevation 1075 feet, Sections 6.B.1. and 6.B.4. of the Interim Guidelines provide for an annual release volume of 8.23 million acre-feet from Glen Canyon Dam during water year 2010.

The Intentionally Created Surplus (ICS) Surplus condition is the criterion governing the operation of Lake Mead for calendar year 2010.

The Interim Guidelines are available for download at http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.

The 2010 AOP is available for download at
http://www.usbr.gov/lc/region/g4000/AOP2010/AOP10_draft.pdf.

Fontenelle Reservoir – Inflows for the month of March were 43,000 acre-feet, or 83% of average. The reservoir elevation is 6468 feet above sea level and 32% of capacity. The reservoir elevation is steady and is expected to increase as spring runoff begins to fill the reservoir. Inflows to Fontenelle Reservoir are currently averaging 500 cfs and releases are 800 cfs. Basin snowpack is 62% of average for this time of year.

The 2010 water supply forecast for the April to July runoff season has decreased to 360,000 acre-feet (42% of average). Inflows over the next three months are forecasted to be below average: 60,000 acre-ft, 100,000 acre-ft, and 145,000 acre-ft for April, May, and June respectively.

The next Fontenelle Working Group meeting is scheduled for April 27, 2010 at 10:00 am at the Seedskadee National Wildlife Refuge visitor's center. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir.

Flaming Gorge Reservoir – March observed unregulated inflow into Flaming Gorge reservoir was 69,000 acre-feet (AF), or 64 percent of average inflow. The March end of month elevation was 6026.2 feet, which equates to 3.20 million acre-feet or 86 percent of live storage capacity. Releases out of Flaming Gorge are currently steady at 800 cfs.

The final April forecast for April through July unregulated inflow into Flaming Gorge Reservoir was 38 percent of average, a decrease from 65 percent of average in January. Snowpack in the Upper Green River Basin has increased slightly over the past month to 67 percent of average.

The next Flaming Gorge Working Group meeting is scheduled for April 27, 2010, in Vernal, Utah. The meeting will be held at 7:00 p.m. at the Western Park Convention Center located at 302 East 200 South in Vernal, Utah. For directions, please call 435-789-7396. The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stake holders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations and plans presented by Reclamation at these meetings. For more information on this group and these meetings please contact Ed Vidmar at 801-379-1182.

Aspinall Reservoir Unit – March unregulated inflow into Blue Mesa Reservoir was 29,000 acre-feet or 82 percent of average. On April 7, 2010 the basin snowpack was 102 percent of average. Precipitation during March was 95 percent of average. The current inflow rate into Blue Mesa Reservoir is about 650 cfs while reservoir releases are averaging about 900 cfs. Lately the weather pattern has been wetter and colder than average, however spring like conditions are returning which will most likely start the annual

spring snowmelt and we expect the elevation at Blue Mesa Reservoir to start increasing. The reservoir elevation is currently at 7484.63 feet, which corresponds to a storage content of about 540,000 acre-feet. This elevation is about the same as of last year's elevation.

The latest Water Supply Forecast for Water Year 2010 has been issued and the April through July unregulated inflow is forecasted to be at 560,000 acre-feet (78% of normal), this is a decrease of 10,000 acre-feet from last month's forecast. If this forecast holds through May 1st, the senior Black Canyon Water Right would call for a one day spring peak flow of 3,883 cfs. At this time, Reclamation plans to operate the Aspinall Unit to allow the water right to be met. Under the proposed operation Blue Mesa is not projected to fill this runoff season. The projected fill is calculated to be about 7512.5, or about 4.0 feet short of our normal fill target.

Releases from Crystal are currently set at 1100 cfs. The Gunnison Diversion Tunnel started taking water for the new season on March 30, 2010. The current diversion rate in the tunnel is 650 cfs, which results in a river flow below the diversion tunnel of approximately 550 cfs. These rates will most likely change as conditions warrant, primarily as we respond to changes in the forecasted spring inflows.

The next meeting of the "Aspinall Unit Working Group" will be held on Thursday, April 22, 2010 starting at 1:00 PM in Reclamation's Grand Junction Office. At this meeting, review of this winter's reservoir operations, and plans for this spring and summer operations will be discussed. These meetings are open forum discussions on the Aspinall Unit reservoir operations with many interested groups participating. Anyone needing further information about these meetings should contact Dan Crabtree in the Grand Junction Area Office at (970) 248-0652.

Navajo Reservoir - Reclamation monetarily decreased the release from Navajo Reservoir from 500 cubic feet per second (cfs) to 300 cfs on Tuesday, March 30th to assist in trout habitat improvement project on the San Juan River. Reservoir releases were increased back to 500 cfs on March 31st, at 7:00 pm. All reservoir releases are made for the authorized purposes of the Navajo Unit, and to attempt to maintain a target base flow through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell).

The San Juan River Basin Recovery Implementation Program recommends a target base flow of between 500 cfs and 1,000 cfs through the critical habitat area. The target base flow is calculated as the weekly average of gaged flows throughout the critical habitat area, therefore daily flows of less than 500 cfs may occur at some gages.

Snowpack for the upper San Juan basin now stands at 100 percent of average, while the Animas River basin is 95 percent of average. Precipitation during March was only 70 percent of average. Unregulated inflow into Navajo Reservoir during the month of March was 62,000 acre-feet, or 69 percent of average. Currently, the daily reservoir inflow is averaging about 1600 cfs. The reservoir water surface elevation is currently

6053.02 feet, which corresponds to a storage content of about 1,261,000 acre-feet. NIIP started their diversions on March 12th, which are currently set at about 100 cfs.

The latest Water Supply Forecast for Water Year 2010 has been issued and the April through July unregulated inflow is forecasted to be at 700,000 acre-feet (89% of normal), this is a decrease of 65,000 acre-feet from last month's forecast. Given this forecast, there will not be a spring peak release which results in an end of water year reservoir elevation estimated to be 6070.53 feet. This elevation is slightly higher than average, but recent history has shown a trend of a lower observed inflow volume than what is forecasted during this time of year, and drier summers have made it necessary to release more water to the critical habitat area. The alternative would include a 1-week spring peak release, however, that would drop the reservoir lower than the end of water year target, which is what happened last year and resulted in much lower reservoir elevations than anticipated.

A public meeting on Navajo Reservoir operations will be held on Tuesday, April 27, 2010 at 1:00 p.m. in Farmington, New Mexico. At this meeting, review of this winter's reservoir operations, and plans for this spring and summer operations will be discussed. These are open forum discussions on the operation of Navajo Reservoir with many interested groups participating. Anyone interested in the general operation of the reservoir is encouraged to attend. Please contact Pat Page in Reclamation's Durango, Colorado Office at (970) 385-6560 for information about these meetings or the daily operation of Navajo Reservoir.

Glen Canyon Dam / Lake Powell – The unregulated inflow volume into Lake Powell in March was 475,000 acre-feet (72% of average). This was 25,000 acre-feet above the level forecasted in the March (Most Probable) 24-Month Study. The current elevation of Lake Powell as of April 8, 2010 is 3618.94 feet above sea level and stable. Inflows to Lake Powell are projected to increase during late April and into May and the reservoir elevation will likely begin to rise during this time. The April (Most Probable) 24-Month Study is projecting that the reservoir elevation will peak later this summer at approximately 3631 feet above sea level which is 69 feet from the full pool elevation of 3700 feet.

Releases from Glen Canyon Dam during the month of April will fluctuate each day for power generation between a peak hourly average release of about 12,500 cfs, during the morning and afternoon and a daily low hourly average release of 6,500 cfs during the late evening and early morning hours. The release volume scheduled for April is 600,000 acre-feet. The release volume projected for May is also 600,000 acre-feet and daily fluctuations in May will likely be very similar to April.

In addition to the daily fluctuation pattern, instantaneous releases from Glen Canyon Dam also fluctuate to provide approximately 40 megawatts of system regulation to maintain stable conditions within the electrical generation and transmission system. This translates into momentary release fluctuations of about +/- 1100 cfs above or below the

hourly average release rate. These momentary fluctuations for regulation are very short lived and typically balance out over the hour. When an unanticipated outage event occurs in the generation system, reserve generation at Glen Canyon Dam can also be called upon up to a limit of 88 megawatts (approximately 2400 cfs of release) for a duration of 2 hours or less. Under normal circumstances, calls for reserve generation occur fairly infrequently and are for much less than the limit of 88 megawatts.

The snowpack conditions in the Upper Colorado River Basin are approximately 88% of average as of April 9, 2010. Typically the snowpack for the Upper Colorado River Basin peaks during the second week of April and begins to decline as temperatures increase and snowmelt begins. The Colorado Basin River Forecast Center (CBRFC) has issued the April Official Water Supply Forecast (April-July Unregulated Inflow Volume) for Lake Powell and it is projecting that the volume of unregulated inflow to Lake Powell for the period from April 1, 2010 through July 31, 2010 will be 5.0 million acre-feet (maf) which is 63% of average for the historic period from 1971-2000.

Based on the April Official Forecast, and a projected Lake Powell release volume of 8.23 maf pursuant to the 2010 Annual Operating Plan and Colorado River Interim Guidelines for Lower Basin Shortages and Coordinated Operations for Lakes Powell and Mead (Interim Guidelines), the April (Most Probable) 24-Month Study projects that the water year ending elevation of Lake Powell will be 3629.20. This elevation is 12.2 feet below the Equalization Level for water year 2010 as established in the Interim Guidelines. This condition does not meet the criteria for an April adjustment to the Equalization Tier for the remainder of water year 2010 (see Section 6.B.3 of the Record of Decision). Therefore, the release volume for water year 2010 will be 8.23 maf and monthly release volume for the remainder of the water year will be scheduled to meet this annual release volume.

Upper Colorado River Basin Hydrology

In the Upper Colorado River Basin during water year 2009, the overall precipitation accumulated through September 30, 2009 was approximately 95% of average based on the 30 year average for the period from 1971 through 2000. For water year 2010 the dry conditions have persisted. Estimated percentages of average precipitation for the months thus far in water year 2010 are as follows: October 85%, November 40%, December 130%, January 100% and February 100%, March 85%.

The Climate Prediction Center outlook (dated March 18, 2010) for temperature over the next 3 months indicates that temperatures in the Upper Colorado River Basin are expected to be above average and precipitation over the next 3 months in the Upper Colorado River Basin is projected to also be above average.

Upper Colorado River Basin Drought

The Upper Colorado River Basin continues to experience a protracted multi-year drought. Since 1999, inflow to Lake Powell has been below average in every year except water

years 2005 and 2008. In the summer of 1999, Lake Powell was close to full with reservoir storage at 23.5 million acre-feet, or 97 percent of capacity. During the next 5 years (2000 through 2004) unregulated inflow to Lake Powell was well below average. This resulted in Lake Powell storage decreasing during this period to 8.0 million acre-feet (33 percent of capacity) which occurred on April 8, 2005. During 2005, 2008 and 2009, drought conditions eased somewhat with net gains in storage to Lake Powell. As of April 8, 2010 the storage in Lake Powell was 13.65 million acre-feet (56.1 percent of capacity) which is still below desired levels while the overall reservoir storage in the Colorado River Basin as of March 23, 2010 is 32.60 million acre-feet (54.8 percent of capacity).

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-280
125 SOUTH STATE STREET, ROOM 6107
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-5571

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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:	Obs			mar	Forecast			Outlook	
:	dec	jan	feb	mar	%Avg	apr	may	jun	apr-jul	%Avg
GLDA3:Lake Powell	309	304	294	467	70%:	650/	1550/	2000/	5000/:	63%
GBRW4:Fontenelle	31	28	23	43	83%:	60/	100/	145/	360/:	42%
GRNU1:Flaming Gorge	19.0	27	29	69	64%:	85/	125/	170/	450/:	38%
BMDC2:Blue Mesa	21	22	22	29	82%:	60/	175/	240/	560/:	78%
MPSC2:Morrow Point	22	24	22	29	72%:	68/	195/	260/	610/:	78%
CLSC2:Crystal	25	26	25	33	71%:	80/	220/	290/	685/:	75%
TPIC2:Taylor Park	3.9	4.2	3.5	4.4	102%:	7/	24/	37/	82/:	80%
VCRC2:Vallecito	3.7	4.0	3.1	3.4	42%:	15/	62/	77/	180/:	88%
NVRN5:Navajo	11.2	14.0	15.9	62	69%:	130/	270/	255/	700/:	89%
LEMC2:Lemon	0.61	0.58	0.47	0.68	46%:	3.5/	19.5/	22/	50/:	86%
MPHC2:McPhee	2.5	3.1	2.9	7.8e	47%:	47/	107/	86/	260/:	81%
RBSC2:Ridgway	3.4	3.4	2.5	4.9	89%:	/	/	/	90/:	88%

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Fontenelle Reservoir

		Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Apr 2009	91	1	57	0	57	6475.63	145
H	May 2009	152	1	62	1	64	6490.46	231
I	Jun 2009	477	3	91	285	376	6504.01	330
S	Jul 2009	247	3	88	145	233	6505.36	341
T	Aug 2009	72	2	98	6	104	6500.99	306
O	Sep 2009	37	2	66	0	66	6496.84	276
	WY 2009	1295	15	773	485	1258		
R	Oct 2009	48	1	51	11	62	6494.68	260
I	Nov 2009	42	1	0	62	62	6491.61	239
C	Dec 2009	31	1	0	70	71	6485.42	198
A	Jan 2010	28	1	38	30	69	6478.10	157
L	Feb 2010	23	0	55	0	55	6471.41	125
*	Mar 2010	43	0	56	0	56	6468.40	112
	Apr 2010	60	1	48	0	48	6471.20	124
	May 2010	100	1	49	0	49	6481.25	174
	Jun 2010	145	2	48	0	48	6495.93	269
	Jul 2010	55	3	49	0	49	6496.39	272
	Aug 2010	44	2	49	0	49	6495.34	265
	Sep 2010	37	2	42	17	59	6491.98	241
	WY 2010	656	14	484	192	676		
	Oct 2010	49	1	55	6	61	6489.87	228
	Nov 2010	41	1	59	0	59	6487.18	210
	Dec 2010	32	1	61	0	61	6482.41	180
	Jan 2011	30	1	61	0	61	6476.58	149
	Feb 2011	28	0	55	0	55	6470.57	122
	Mar 2011	52	0	61	0	61	6468.25	112
	Apr 2011	89	1	83	0	83	6469.56	117
	May 2011	176	1	99	6	105	6483.63	188
	Jun 2011	307	2	103	90	193	6500.02	299
	Jul 2011	185	3	101	38	138	6505.71	343
	Aug 2011	82	2	100	8	108	6502.20	316
	Sep 2011	48	2	37	31	68	6499.42	295
	WY 2011	1120	15	874	178	1052		
	Oct 2011	49	1	70	0	70	6496.32	272
	Nov 2011	41	1	68	0	68	6492.48	245
	Dec 2011	32	1	70	0	70	6486.62	206
	Jan 2012	30	1	70	0	70	6479.81	166
	Feb 2012	29	0	66	0	66	6472.12	128
	Mar 2012	52	0	70	0	70	6467.65	109

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Flaming Gorge Reservoir

	Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Yampa Flow 1000 Ac-Ft	Jensen Flow 1000 Ac-Ft
* Apr 2009	127	93	5	50	0	50	122	6021.21	3024	278	308
H May 2009	212	125	7	150	0	150	120	6020.33	2993	750	881
I Jun 2009	573	472	10	96	0	96	134	6029.83	3357	516	624
S Jul 2009	284	271	14	117	0	117	140	6033.29	3478	110	246
T Aug 2009	74	106	13	124	0	124	139	6032.53	3448	21	156
O Sep 2009	45	74	11	120	0	120	136	6031.12	3392	14	144
WY 2009	1564	1527	79	1065	0	1065					3031
R Oct 2009	45	59	7	109	0	109	134	6029.69	3337	0	152
I Nov 2009	47	67	4	104	0	104	133	6028.67	3298	0	143
C Dec 2009	19	59	2	107	1	108	131	6027.38	3249	0	504
A Jan 2010	27	68	2	109	0	109	129	6026.29	3208	0	669
L Feb 2010	29	61	2	87	0	87	128	6025.55	3181	0	111
* Mar 2010	69	81	3	60	0	60	129	6026.01	3198	0	118
Apr 2010	85	73	5	48	0	48	129	6026.53	3217	0	48
May 2010	125	74	8	120	0	120	127	6025.14	3166	0	120
Jun 2010	170	73	10	120	0	120	125	6023.64	3110	0	120
Jul 2010	70	64	13	61	0	61	125	6023.37	3101	0	61
Aug 2010	53	58	12	61	0	61	124	6022.97	3086	0	61
Sep 2010	45	67	11	59	0	59	124	6022.88	3083	0	59
WY 2010	784	804	78	1047	1	1048					2168
Oct 2010	59	71	7	61	0	61	124	6022.95	3085	0	61
Nov 2010	51	68	3	59	0	59	124	6023.10	3091	0	59
Dec 2010	36	65	2	61	0	61	124	6023.14	3092	0	61
Jan 2011	41	71	2	61	0	61	125	6023.36	3100	0	61
Feb 2011	45	73	2	56	0	56	125	6023.75	3114	0	56
Mar 2011	103	113	3	61	0	61	127	6025.02	3161	0	61
Apr 2011	142	136	5	59	0	59	130	6026.87	3230	0	59
May 2011	263	192	8	122	0	122	132	6028.46	3290	0	122
Jun 2011	400	286	11	182	0	182	136	6030.79	3380	0	182
Jul 2011	219	172	14	114	0	114	138	6031.90	3423	0	114
Aug 2011	96	122	13	114	0	114	137	6031.78	3418	0	114
Sep 2011	58	78	11	110	0	110	136	6030.70	3376	0	110
WY 2011	1515	1447	80	1062	0	1062					1062
Oct 2011	59	80	7	114	0	114	134	6029.68	3337	0	114
Nov 2011	51	77	3	110	0	110	133	6028.77	3302	0	110
Dec 2011	36	74	2	114	0	114	131	6027.72	3262	0	114
Jan 2012	41	81	2	114	0	114	130	6026.83	3228	0	114
Feb 2012	47	84	2	106	0	106	129	6026.20	3205	0	106
Mar 2012	103	122	3	114	0	114	129	6026.33	3210	0	114

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Taylor Park Reservoir

		Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Apr 2009	11	5	9314.31	77
H	May 2009	46	20	9328.38	103
I	Jun 2009	37	35	9329.45	105
S	Jul 2009	16	26	9324.35	95
T	Aug 2009	7	19	9317.78	83
O	Sep 2009	6	15	9312.44	74
	WY 2009	153	151		
R	Oct 2009	7	8	9311.60	72
I	Nov 2009	5	6	9310.68	71
C	Dec 2009	4	6	9309.18	69
A	Jan 2010	4	6	9307.90	67
L	Feb 2010	4	6	9306.55	65
*	Mar 2010	4	6	9305.31	63
	Apr 2010	7	8	9304.97	62
	May 2010	24	14	9311.43	72
	Jun 2010	37	16	9323.37	93
	Jul 2010	14	20	9320.14	87
	Aug 2010	9	19	9314.54	77
	Sep 2010	7	14	9310.07	70
	WY 2010	125	129		
	Oct 2010	6	6	9310.17	70
	Nov 2010	5	6	9309.50	69
	Dec 2010	4	6	9308.53	68
	Jan 2011	4	6	9307.35	66
	Feb 2011	4	6	9305.85	63
	Mar 2011	4	6	9304.66	62
	Apr 2011	8	8	9305.22	63
	May 2011	27	14	9313.58	76
	Jun 2011	43	18	9327.22	101
	Jul 2011	20	20	9327.43	101
	Aug 2011	10	22	9321.17	89
	Sep 2011	7	15	9316.69	81
	WY 2011	144	132		
	Oct 2011	6	10	9314.45	77
	Nov 2011	5	6	9313.82	76
	Dec 2011	4	6	9312.91	75
	Jan 2012	4	6	9311.80	73
	Feb 2012	4	6	9310.48	71
	Mar 2012	4	6	9309.37	69

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Blue Mesa Reservoir

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Apr 2009	104	99	1	61	0	61	7489.84	580
H	May 2009	344	317	1	110	10	120	7513.48	776
I	Jun 2009	229	227	1	172	3	175	7519.02	826
S	Jul 2009	95	105	2	144	0	144	7514.49	785
T	Aug 2009	42	54	1	128	0	128	7505.79	710
O	Sep 2009	26	35	1	93	0	93	7498.71	651
	WY 2009	1017	1016	9	993	13	1006		
R	Oct 2009	33	34	1	81	0	81	7492.82	603
I	Nov 2009	27	28	0	28	0	28	7492.84	604
C	Dec 2009	21	23	0	47	0	47	7489.73	579
A	Jan 2010	22	24	0	43	0	43	7487.22	560
L	Feb 2010	22	24	0	38	0	38	7485.33	546
*	Mar 2010	29	30	0	33	0	33	7484.88	542
	Apr 2010	60	61	1	48	0	48	7486.44	554
	May 2010	175	165	1	110	0	110	7493.38	608
	Jun 2010	240	219	1	58	0	58	7512.48	768
	Jul 2010	85	91	2	110	0	110	7510.13	747
	Aug 2010	49	59	1	111	0	111	7503.95	694
	Sep 2010	33	40	1	83	0	83	7498.64	650
	WY 2010	795	799	9	791	0	791		
	Oct 2010	36	35	1	58	0	58	7495.79	627
	Nov 2010	31	32	0	29	0	29	7496.14	630
	Dec 2010	25	27	0	75	0	75	7490.00	581
	Jan 2011	24	26	0	92	0	92	7481.31	516
	Feb 2011	22	24	0	60	0	60	7476.32	480
	Mar 2011	34	36	0	43	0	43	7475.26	472
	Apr 2011	73	72	1	50	0	50	7478.32	494
	May 2011	212	199	1	74	0	74	7494.61	618
	Jun 2011	271	246	1	68	0	68	7515.51	794
	Jul 2011	121	120	2	111	0	111	7516.40	803
	Aug 2011	62	74	1	122	0	122	7510.81	753
	Sep 2011	36	44	1	113	0	113	7502.64	683
	WY 2011	946	935	9	894	0	894		
	Oct 2011	36	39	1	65	0	65	7499.49	657
	Nov 2011	31	32	0	36	0	36	7498.92	652
	Dec 2011	25	27	0	97	0	97	7490.00	581
	Jan 2012	24	26	0	92	0	92	7481.31	516
	Feb 2012	23	25	0	62	0	62	7476.11	478
	Mar 2012	34	36	0	43	0	43	7475.05	471

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Morrow Point Reservoir

		Unreg Inflow 1000 Ac-Ft	Blue_Mesa Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Evap losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Apr 2009	119	61	14	75	0	69	0	69	7155.78	114
H	May 2009	377	120	34	154	0	153	2	155	7154.23	112
I	Jun 2009	241	175	12	188	0	184	0	184	7158.19	116
S	Jul 2009	97	144	2	146	0	148	0	148	7155.33	113
T	Aug 2009	42	128	0	128	0	129	0	129	7154.90	113
O	Sep 2009	27	93	1	94	0	100	0	100	7146.95	107
	WY 2009	1088	1006	70	1077	1	1074	9	1083		
R	Oct 2009	34	81	1	82	0	81	0	81	7148.23	108
I	Nov 2009	29	28	2	30	0	27	0	27	7152.38	111
C	Dec 2009	22	47	1	48	0	47	0	47	7153.12	112
A	Jan 2010	24	43	2	45	0	47	0	47	7150.49	109
L	Feb 2010	22	38	1	38	0	41	0	41	7147.10	107
*	Mar 2010	29	33	1	34	0	34	0	34	7147.29	107
	Apr 2010	68	48	8	56	0	51	0	51	7153.73	112
	May 2010	195	110	20	130	0	130	0	130	7153.73	112
	Jun 2010	260	58	20	78	0	78	0	78	7153.73	112
	Jul 2010	87	110	2	112	0	112	0	112	7153.73	112
	Aug 2010	51	111	2	113	0	113	0	113	7153.73	112
	Sep 2010	35	83	2	85	0	85	0	85	7153.73	112
	WY 2010	856	791	61	852	0	846	0	846		
	Oct 2010	38	58	3	61	0	61	0	61	7153.73	112
	Nov 2010	33	29	2	31	0	31	0	31	7153.73	112
	Dec 2010	27	75	2	77	0	77	0	77	7153.73	112
	Jan 2011	26	92	2	94	0	94	0	94	7153.73	112
	Feb 2011	25	60	3	63	0	63	0	63	7153.73	112
	Mar 2011	38	43	4	47	0	47	0	47	7153.73	112
	Apr 2011	84	50	11	61	0	61	0	61	7153.73	112
	May 2011	237	74	25	99	0	99	0	99	7153.73	112
	Jun 2011	292	68	21	89	0	89	0	89	7153.73	112
	Jul 2011	127	111	7	117	0	117	0	117	7153.73	112
	Aug 2011	65	122	4	126	0	126	0	126	7153.73	112
	Sep 2011	39	113	3	116	0	116	0	116	7153.73	112
	WY 2011	1032	894	86	980	0	980	0	980		
	Oct 2011	38	65	3	68	0	68	0	68	7153.73	112
	Nov 2011	33	36	2	38	0	38	0	38	7153.73	112
	Dec 2011	27	97	2	100	0	100	0	100	7153.73	112
	Jan 2012	26	92	2	94	0	94	0	94	7153.73	112
	Feb 2012	26	62	3	65	0	65	0	65	7153.73	112
	Mar 2012	38	43	4	47	0	47	0	47	7153.73	112

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Crystal Reservoir

	unreg Inflow 1000 Ac-Ft	Morrow Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Tunnel Flow 1000 Ac-Ft	Below_tunnel Flow 1000 Ac-Ft
* Apr 2009	130	69	12	81	80	0	80	6752.70	17	36	48
H May 2009	431	155	53	208	120	88	208	6752.57	17	55	160
I Jun 2009	264	184	23	207	116	91	207	6753.30	17	59	157
S Jul 2009	104	148	7	156	128	30	158	6743.22	14	68	101
T Aug 2009	44	129	2	131	130	0	130	6746.30	15	67	71
O Sep 2009	29	100	2	102	102	0	102	6746.55	15	63	46
WY 2009	1209	1083	121	1204	964	238	1202			416	853
R Oct 2009	36	81	3	84	72	10	82	6751.89	17	49	36
I Nov 2009	32	27	3	29	31	0	31	6747.51	15	1	31
C Dec 2009	25	47	3	51	52	0	52	6743.59	14	1	53
A Jan 2010	26	47	3	50	49	0	49	6745.38	15	1	50
L Feb 2010	25	41	3	44	25	17	42	6751.67	17	1	43
* Mar 2010	33	34	4	38	38	0	38	6751.84	17	1	38
Apr 2010	80	51	12	63	63	0	63	6753.04	17	30	33
May 2010	220	130	25	155	134	21	155	6753.04	17	55	100
Jun 2010	290	78	30	108	108	0	108	6753.04	17	60	48
Jul 2010	95	112	8	120	120	0	120	6753.04	17	65	55
Aug 2010	57	113	6	118	118	0	118	6753.04	17	65	53
Sep 2010	40	85	5	90	90	0	90	6753.04	17	55	35
WY 2010	960	846	104	950	900	48	948			382	575
Oct 2010	44	61	6	67	67	0	67	6753.04	17	30	37
Nov 2010	38	31	5	36	36	0	36	6753.04	17	0	36
Dec 2010	32	77	5	82	82	0	82	6753.04	17	0	82
Jan 2011	31	94	5	99	99	0	99	6753.04	17	0	99
Feb 2011	29	63	4	67	67	0	67	6753.04	17	0	67
Mar 2011	46	47	7	54	54	0	54	6753.04	17	5	49
Apr 2011	96	61	12	73	73	0	73	6753.04	17	30	43
May 2011	272	99	35	134	134	0	134	6753.04	17	55	79
Jun 2011	330	89	38	127	127	0	127	6753.04	17	60	67
Jul 2011	144	117	17	134	134	0	134	6753.04	17	65	69
Aug 2011	74	126	8	134	134	0	134	6753.04	17	65	69
Sep 2011	45	116	6	122	122	0	122	6753.04	17	55	67
WY 2011	1183	980	150	1130	1130	0	1130			365	765
Oct 2011	44	68	6	74	74	0	74	6753.04	17	30	44
Nov 2011	38	38	5	43	43	0	43	6753.04	17	0	43
Dec 2011	32	100	5	104	104	0	104	6753.04	17	0	104
Jan 2012	31	94	5	99	99	0	99	6753.04	17	0	99
Feb 2012	30	65	4	69	69	0	69	6753.04	17	0	69
Mar 2012	46	47	7	54	54	0	54	6753.04	17	5	49

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Vallecito Reservoir

		Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Apr 2009	22	10	7652.11	92
H	May 2009	98	66	7664.50	124
I	Jun 2009	44	43	7664.64	124
S	Jul 2009	19	39	7656.79	104
T	Aug 2009	8	39	7643.59	72
O	Sep 2009	8	30	7632.32	49
	WY 2009	237	254		
R	Oct 2009	8	13	7629.82	44
I	Nov 2009	4	3	7630.41	45
C	Dec 2009	4	3	7630.60	46
A	Jan 2010	4	3	7631.27	47
L	Feb 2010	3	4	7630.95	46
*	Mar 2010	3	8	7628.45	42
	Apr 2010	15	5	7633.81	52
	May 2010	62	29	7649.10	85
	Jun 2010	77	39	7663.95	123
	Jul 2010	26	43	7657.25	105
	Aug 2010	17	43	7646.48	79
	Sep 2010	16	35	7637.78	60
	WY 2010	240	226		
	Oct 2010	14	21	7634.02	52
	Nov 2010	8	6	7635.23	55
	Dec 2010	6	6	7635.13	54
	Jan 2011	5	5	7635.39	55
	Feb 2011	5	4	7635.58	55
	Mar 2011	8	8	7635.68	55
	Apr 2011	22	10	7641.15	67
	May 2011	69	33	7656.52	103
	Jun 2011	78	60	7663.17	120
	Jul 2011	31	43	7658.32	108
	Aug 2011	19	39	7650.12	87
	Sep 2011	17	29	7644.80	75
	WY 2011	282	264		
	Oct 2011	14	19	7642.33	69
	Nov 2011	8	6	7643.37	72
	Dec 2011	6	5	7643.97	73
	Jan 2012	5	5	7644.19	73
	Feb 2012	5	4	7644.36	74
	Mar 2012	8	5	7645.80	77

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Navajo Reservoir

	Mod_Unreg Inflow 1000 Ac-Ft	Azetea Tunnel_Div 1000 Ac-Ft	Reg Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	NIIP Diversion 1000 ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Farm Flow 1000 Ac-Ft
* Apr 2009	125	19	97	2	19	30	6058.76	1337	59
H May 2009	361	52	275	4	29	59	6072.47	1515	256
I Jun 2009	146	24	120	5	36	115	6069.92	1479	181
S Jul 2009	25	4	39	5	43	49	6065.70	1422	60
T Aug 2009	-11	0	20	4	42	49	6059.96	1347	47
O Sep 2009	5	0	28	3	22	37	6057.30	1314	39
WY 2009	846	106	757	28	209	525			937
R Oct 2009	16	0	21	2	13	37	6054.76	1283	45
I Nov 2009	15	0	14	1	0	30	6053.34	1265	48
C Dec 2009	13	0	12	1	0	32	6051.61	1245	48
A Jan 2010	15	0	14	1	0	32	6050.04	1226	49
L Feb 2010	16	0	16	1	0	27	6049.04	1214	43
* Mar 2010	62	1	66	1	3	29	6051.78	1247	48
Apr 2010	130	11	109	2	16	30	6056.77	1307	30
May 2010	270	28	208	4	28	31	6068.01	1453	31
Jun 2010	255	34	182	5	43	30	6075.50	1559	30
Jul 2010	45	11	51	5	45	31	6073.37	1528	31
Aug 2010	32	11	47	4	39	34	6071.27	1498	34
Sep 2010	37	3	52	3	22	38	6070.53	1488	38
WY 2010	905	100	793	29	210	380			474
Oct 2010	40	2	46	2	8	31	6070.96	1494	31
Nov 2010	33	0	30	1	0	30	6070.92	1493	30
Dec 2010	24	0	24	1	0	31	6070.37	1486	31
Jan 2011	22	0	21	1	0	31	6069.63	1475	31
Feb 2011	30	0	30	1	0	28	6069.69	1476	28
Mar 2011	88	2	86	2	4	46	6072.17	1511	46
Apr 2011	174	16	146	3	17	119	6072.72	1519	119
May 2011	279	33	209	4	29	206	6070.56	1488	206
Jun 2011	246	29	199	4	44	212	6066.07	1427	212
Jul 2011	74	7	79	5	47	31	6065.84	1424	31
Aug 2011	43	3	61	4	40	31	6064.82	1410	31
Sep 2011	42	1	53	3	22	30	6064.70	1409	30
WY 2011	1096	93	984	29	210	824			824
Oct 2011	40	1	44	2	8	31	6065.02	1413	31
Nov 2011	33	0	30	1	0	30	6064.98	1413	30
Dec 2011	24	0	22	1	0	31	6064.30	1403	31
Jan 2012	22	0	21	1	0	31	6063.52	1393	31
Feb 2012	31	0	31	1	0	29	6063.59	1394	29
Mar 2012	88	2	83	2	4	61	6064.78	1410	61

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Lake Powell

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	PowerPlant Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Bank Storage 1000 Ac-Ft	EOM Storage 1000 Ac-Ft	Lees Ferry 1000 Ac-Ft
*	Apr 2009	774	655	25	604	0	604	3611.26	17243	12858	611
H	May 2009	2940	2466	31	582	0	582	3629.09	17202	14751	586
I	Jun 2009	2742	2258	54	664	0	664	3640.49	17432	16061	670
S	Jul 2009	1416	1241	67	803	0	803	3641.14	17726	16138	828
T	Aug 2009	334	547	66	802	0	802	3637.50	17834	15710	829
O	Sep 2009	274	479	59	598	0	598	3635.37	17902	15463	613
	WY 2009	10748	10232	437	8236	0	8236				8396
R	Oct 2009	360	526	41	620	0	620	3633.52	17979	15251	634
I	Nov 2009	421	495	39	692	0	692	3631.10	18018	14976	702
C	Dec 2009	308	437	30	901	0	901	3626.22	18066	14434	925
A	Jan 2010	302	425	9	900	0	900	3622.14	18023	13991	925
L	Feb 2010	294	384	10	631	0	631	3620.16	17978	13780	644
*	Mar 2010	471	469	17	602	0	602	3619.41	17907	13701	612
	Apr 2010	650	522	26	600	0	600	3618.50	17899	13605	600
	May 2010	1550	1297	31	600	0	600	3624.27	17949	14221	600
	Jun 2010	2000	1620	51	600	0	600	3632.35	18020	15118	600
	Jul 2010	800	859	63	806	0	806	3632.28	18020	15109	806
	Aug 2010	413	535	62	802	0	802	3629.57	17995	14805	802
	Sep 2010	397	488	57	476	0	476	3629.20	17992	14763	476
	WY 2010	7968	8056	435	8230	0	8230				8325
	Oct 2010	514	538	39	492	0	492	3629.26	17992	14770	492
	Nov 2010	523	527	38	800	0	800	3626.66	17969	14483	800
	Dec 2010	414	496	29	950	0	950	3622.55	17934	14035	950
	Jan 2011	384	481	9	950	0	950	3618.39	17898	13593	950
	Feb 2011	394	440	9	900	0	900	3614.21	17863	13158	900
	Mar 2011	628	558	16	900	0	900	3610.96	17837	12827	900
	Apr 2011	950	822	25	1000	0	1000	3609.10	17822	12640	1000
	May 2011	2161	1871	30	1050	0	1050	3616.28	17881	13373	1050
	Jun 2011	2811	2429	49	1100	0	1100	3627.35	17975	14558	1100
	Jul 2011	1346	1241	61	1156	0	1156	3627.55	17977	14580	1156
	Aug 2011	566	674	60	1100	0	1100	3623.43	17941	14130	1100
	Sep 2011	460	599	54	595	0	595	3623.00	17938	14084	595
	WY 2011	11151	10676	418	10993	0	10993				10993
	Oct 2011	514	597	38	615	0	615	3622.52	17933	14032	615
	Nov 2011	523	585	36	600	0	600	3622.08	17930	13985	600
	Dec 2011	414	571	29	800	0	800	3619.84	17911	13747	800
	Jan 2012	384	533	9	800	0	800	3617.42	17890	13492	800
	Feb 2012	408	505	10	600	0	600	3616.49	17882	13395	600
	Mar 2012	628	626	16	600	0	600	3616.58	17883	13404	600

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Hoover Dam - Lake Mead

		Glen Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	SNWP Use 1000 Ac-Ft	Dwnstrm Reqmnts 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
*	Apr 2009	604	36	42	1174	19.7	20	1169	754	1101.26	11604
H	May 2009	582	63	47	977	15.9	33	968	729	1096.92	11217
I	Jun 2009	664	11	56	750	12.6	25	748	720	1095.26	11071
S	Jul 2009	803	38	70	840	13.7	30	838	714	1094.20	10978
T	Aug 2009	802	59	74	801	13.0	30	792	711	1093.73	10938
O	Sep 2009	598	55	61	575	9.7	22	570	711	1093.68	10933
	WY 2009	8236	651	585	9210		242	9119			
R	Oct 2009	620	23	44	613	10.0	25	608	708	1093.26	10897
I	Nov 2009	692	39	44	648	10.9	15	647	710	1093.52	10919
C	Dec 2009	901	51	39	646	10.5	9	629	726	1096.30	11162
A	Jan 2010	900	124	32	634	10.3	6	578	747	1100.02	11493
L	Feb 2010	631	112	30	400	7.2	6	399	766	1103.21	11780
*	Mar 2010	602	87	33	889	14.5	11	866	751	1100.66	11550
	Apr 2010	600	71	41	1001	16.8	17	1001	727	1096.58	11186
	May 2010	600	73	46	1063	17.3	26	1063	699	1091.61	10753
	Jun 2010	600	28	55	921	15.5	23	921	676	1087.53	10405
	Jul 2010	806	61	68	911	14.8	25	911	668	1086.02	10277
	Aug 2010	802	106	72	821	13.4	26	821	667	1085.90	10267
	Sep 2010	476	71	59	728	12.2	22	728	651	1082.96	10021
	WY 2010	8230	846	562	9275		210	9172			
	Oct 2010	492	55	42	517	8.4	32	517	649	1082.45	9979
	Nov 2010	800	54	42	748	12.6	22	748	651	1082.91	10017
	Dec 2010	950	57	37	589	9.6	17	589	673	1086.99	10359
	Jan 2011	950	135	31	689	11.2	16	689	695	1090.83	10686
	Feb 2011	900	135	29	675	12.1	18	675	714	1094.24	10981
	Mar 2011	900	101	32	1010	16.4	25	1010	710	1093.52	10919
	Apr 2011	1000	71	40	1146	19.3	19	1146	702	1092.08	10794
	May 2011	1050	73	46	992	16.1	28	992	705	1092.70	10847
	Jun 2011	1100	28	56	848	14.2	26	848	717	1094.83	11033
	Jul 2011	1156	61	70	895	14.6	28	895	731	1097.22	11243
	Aug 2011	1100	106	76	818	13.3	29	818	748	1100.20	11509
	Sep 2011	595	71	63	688	11.6	24	688	741	1099.06	11407
	WY 2011	10993	946	563	9615		284	9615			
	Oct 2011	615	55	46	472	7.7	36	472	749	1100.28	11516
	Nov 2011	600	54	46	582	9.8	25	582	749	1100.30	11518
	Dec 2011	800	57	40	564	9.2	19	564	763	1102.74	11738
	Jan 2012	800	135	33	683	11.1	20	683	775	1104.80	11925
	Feb 2012	600	138	30	668	11.6	21	668	776	1104.99	11942
	Mar 2012	600	101	34	1003	16.3	28	1003	754	1101.22	11600

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Davis Dam - Lake Mohave

	Hoover Release 1000 Ac-Ft	Side inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Spill Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
* Apr 2009	1174	-14	1097	0	1097	18.4	643.11	1702
H May 2009	977	-5	916	0	916	14.9	644.36	1736
I Jun 2009	750	-3	788	0	788	13.2	641.92	1669
S Jul 2009	840	5	835	0	835	13.6	641.37	1654
T Aug 2009	801	-8	756	0	756	12.3	641.90	1669
O Sep 2009	575	2	726	0	726	12.2	635.60	1501
WY 2009	9210	-123	9008	0	9008			
R Oct 2009	613	-8	623	0	623	10.1	634.34	1469
I Nov 2009	648	-15	590	0	590	9.9	635.61	1502
C Dec 2009	646	-24	532	0	532	8.7	638.68	1582
A Jan 2010	634	-15	456	0	456	7.4	644.34	1736
L Feb 2010	400	-4	442	0	442	8.0	642.31	1680
* Mar 2010	889	-18	862	0	862	14.0	642.17	1676
Apr 2010	1001	-15	960	0	960	16.1	642.50	1685
May 2010	1063	-10	1018	0	1018	16.6	643.00	1699
Jun 2010	921	-2	920	0	920	15.5	642.00	1671
Jul 2010	911	3	902	0	902	14.7	641.50	1658
Aug 2010	821	-3	795	0	795	12.9	641.50	1658
Sep 2010	728	1	805	0	805	13.5	638.00	1564
WY 2010	9275	-111	8904	0	8904			
Oct 2010	517	5	701	0	701	11.4	630.49	1371
Nov 2010	748	-9	615	0	615	10.3	635.00	1486
Dec 2010	589	-12	470	0	470	7.6	638.71	1583
Jan 2011	689	-13	583	0	583	9.5	641.80	1666
Feb 2011	675	-5	660	0	660	11.9	641.80	1666
Mar 2011	1010	-14	949	0	949	15.4	643.05	1700
Apr 2011	1146	-15	1116	0	1116	18.7	643.00	1699
May 2011	992	-10	960	0	960	15.6	643.00	1699
Jun 2011	848	-2	847	0	847	14.2	642.00	1671
Jul 2011	895	3	887	0	887	14.4	641.50	1658
Aug 2011	818	-3	792	0	792	12.9	641.50	1658
Sep 2011	688	1	765	0	765	12.8	638.00	1564
WY 2011	9615	-73	9345	0	9345			
Oct 2011	472	5	593	0	593	9.6	633.00	1434
Nov 2011	582	-9	511	0	511	8.6	635.00	1486
Dec 2011	564	-12	445	0	445	7.2	638.71	1583
Jan 2012	683	-13	577	0	577	9.4	641.80	1666
Feb 2012	668	-5	653	0	653	11.4	641.80	1666
Mar 2012	1003	-14	942	0	942	15.3	643.05	1700

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Parker Dam - Lake Havasu

		Davis Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	MWD Diversion 1000 Ac-Ft	CAP diversion 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft	Flow_to Mexico 1000 Ac-Ft	Flow_to Mexico 1000 CFS
*	Apr 2009	1097	15	784	13.2	97	172	448.75	595	205	3.4
H	May 2009	916	20	647	10.5	101	165	448.71	594	122	2.0
I	Jun 2009	788	20	595	10.0	98	94	448.49	590	113	1.9
S	Jul 2009	835	17	655	10.6	100	75	448.11	582	120	2.0
T	Aug 2009	756	24	582	9.5	100	70	448.19	584	101	1.6
O	Sep 2009	726	21	505	8.5	96	143	447.16	564	93	1.6
	WY 2009	9008	180	6347		1070	1602			1584	
R	Oct 2009	623	17	446	7.2	26	133	448.03	581	77	1.2
I	Nov 2009	590	32	365	6.1	107	144	447.61	573	103	1.7
C	Dec 2009	532	28	301	4.9	104	149	447.34	568	135	2.2
A	Jan 2010	456	41	233	3.8	99	126	448.89	597	174	2.8
L	Feb 2010	442	10	331	6.0	66	91	446.29	548	141	2.5
*	Mar 2010	862	56	668	10.9	90	128	447.15	564	233	3.8
	Apr 2010	960	15	740	12.4	43	165	447.50	571	204	3.4
	May 2010	1018	11	695	11.3	108	178	448.70	593	113	1.8
	Jun 2010	920	7	663	11.1	105	129	448.70	593	112	1.9
	Jul 2010	902	14	720	11.7	109	69	448.00	580	118	1.9
	Aug 2010	795	20	616	10.0	109	69	447.50	571	92	1.5
	Sep 2010	805	13	534	9.0	105	168	446.81	557	89	1.5
	WY 2010	8904	263	6312		1072	1550			1592	
	Oct 2010	701	20	443	7.2	97	171	446.31	548	72	1.2
	Nov 2010	615	22	376	6.3	40	202	446.50	552	105	1.8
	Dec 2010	470	20	286	4.7	25	168	446.50	552	118	1.9
	Jan 2011	583	34	348	5.7	94	165	446.50	552	122	2.0
	Feb 2011	660	40	445	8.0	85	156	446.50	552	153	2.8
	Mar 2011	949	45	705	11.5	94	173	446.70	555	208	3.4
	Apr 2011	1116	15	815	13.7	92	166	448.70	593	200	3.4
	May 2011	960	11	694	11.3	94	158	448.70	593	111	1.8
	Jun 2011	847	7	643	10.8	92	90	448.70	593	112	1.9
	Jul 2011	887	14	716	11.7	94	72	448.00	580	118	1.9
	Aug 2011	792	20	630	10.2	94	68	447.50	571	92	1.5
	Sep 2011	765	13	549	9.2	70	147	446.81	557	89	1.5
	WY 2011	9345	260	6651		970	1737			1500	
	Oct 2011	593	20	456	7.4	33	113	446.31	548	72	1.2
	Nov 2011	511	22	372	6.3	32	111	446.50	552	105	1.8
	Dec 2011	445	20	297	4.8	33	125	446.50	552	118	1.9
	Jan 2012	577	34	349	5.7	86	165	446.50	552	122	2.0
	Feb 2012	653	41	446	7.8	78	156	446.50	552	153	2.7
	Mar 2012	942	45	705	11.5	86	173	446.70	555	208	3.4

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Hoover Dam - Lake Mead

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Hoover Static Head Feet	Hoover Generator Capacity MW	Hoover Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Apr 2009	1174	19.7	1101.26	11604	-560	0.00	1284.0	474.0	76	403.7
H	May 2009	977	15.9	1096.92	11217	-387	0.00	1411.0	381.7	85	390.6
I	Jun 2009	750	12.6	1095.26	11071	-146	0.00	1641.0	287.2	100	383.1
S	Jul 2009	840	13.7	1094.20	10978	-93	0.00	1640.0	324.9	100	386.9
T	Aug 2009	801	13.0	1093.73	10938	-41	0.00	1648.0	307.5	100	383.8
O	Sep 2009	574	9.7	1093.68	10933	-4	0.00	1656.0	215.3	100	374.9
	WY 2009	9210							3592.3		
R	Oct 2009	613	10.0	1093.26	10897	-37	0.00	1158.0	235.5	70	384.4
I	Nov 2009	648	10.9	1093.52	10919	23	0.00	1358.0	251.9	82	388.7
C	Dec 2009	646	10.5	1096.30	11162	243	0.00	1037.0	248.8	63	385.3
A	Jan 2010	634	10.3	1100.02	11493	330	0.00	1050.0	248.9	63	392.4
L	Feb 2010	400	7.2	1103.21	11780	288	0.00	1044.0	152.7	63	381.5
*	Mar 2010	889	14.5	1100.66	11550	-230	0.00	1272.0	353.9	75	398.0
	Apr 2010	1001	16.8	1096.58	11186	-364	447.32	1392.0	404.8	82	404.5
	May 2010	1063	17.3	1091.61	10753	-433	442.71	1312.0	428.1	81	402.7
	Jun 2010	921	15.5	1087.53	10405	-348	436.98	1502.0	363.5	94	394.8
	Jul 2010	911	14.8	1086.02	10277	-128	434.11	1589.0	354.3	99	389.1
	Aug 2010	821	13.4	1085.90	10267	-10	433.41	1587.0	322.0	100	392.2
	Sep 2010	728	12.2	1082.96	10021	-246	433.03	1570.0	282.5	100	387.9
	WY 2010	9275							3647.0		
	Oct 2010	517	8.4	1082.45	9979	-42	435.42	1278.0	202.5	82	391.5
	Nov 2010	748	12.6	1082.91	10017	38	437.93	1266.0	296.6	81	396.3
	Dec 2010	589	9.6	1086.99	10359	342	436.96	1362.0	227.9	86	386.9
	Jan 2011	689	11.2	1090.83	10686	327	439.26	1307.0	270.0	80	391.6
	Feb 2011	675	12.1	1094.24	10981	295	441.86	1292.0	268.5	80	398.0
	Mar 2011	1010	16.4	1093.52	10919	-63	442.00	1426.0	401.0	88	397.0
	Apr 2011	1146	19.3	1092.08	10794	-125	440.54	1422.0	463.8	88	404.8
	May 2011	992	16.1	1092.70	10847	54	439.47	1520.0	388.9	94	392.1
	Jun 2011	848	14.2	1094.83	11033	186	440.50	1627.0	340.2	100	401.2
	Jul 2011	895	14.6	1097.22	11243	210	443.23	1642.0	354.5	100	395.9
	Aug 2011	818	13.3	1100.20	11509	266	446.06	1660.0	329.4	100	402.8
	Sep 2011	688	11.6	1099.06	11407	-102	448.11	1681.0	273.4	100	397.3
	WY 2011	9615							3816.4		
	Oct 2011	472	7.7	1100.28	11516	109	452.28	1370.1	188.6	82	399.7
	Nov 2011	582	9.8	1100.30	11518	1	454.62	1357.2	233.9	81	402.3
	Dec 2011	564	9.2	1102.74	11738	220	453.42	1442.7	223.9	86	396.9
	Jan 2012	683	11.1	1104.80	11925	187	454.03	1350.4	275.2	80	402.8
	Feb 2012	668	11.6	1104.99	11942	17	454.14	1349.8	270.7	80	405.4
	Mar 2012	1003	16.3	1101.22	11600	-342	451.17	1471.5	405.5	88	404.3

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T E M R E S E R V O I R S

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Davis Dam - Lake Mohave

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Davis Static Head Feet	Davis Generator Capacity MW	Davis Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Apr 2009	1097	18.4	643.11	1702	47	0.00	255.0	135.7	100	123.7
H	May 2009	916	14.9	644.36	1736	34	0.00	255.0	115.6	100	126.3
I	Jun 2009	788	13.2	641.92	1669	-67	0.00	255.0	99.5	100	126.2
S	Jul 2009	835	13.6	641.37	1654	-15	0.00	255.0	101.8	100	121.9
T	Aug 2009	756	12.3	641.90	1669	14	0.00	255.0	94.4	100	124.8
O	Sep 2009	726	12.2	635.60	1501	-167	0.00	255.0	89.2	100	122.8
	WY 2009	9008							1106.2		
R	Oct 2009	623	10.1	634.34	1469	-33	0.00	216.8	74.2	85	119.1
I	Nov 2009	590	9.9	635.61	1502	33	0.00	186.2	70.9	73	120.3
C	Dec 2009	532	8.7	638.68	1582	81	0.00	188.7	65.9	74	123.8
A	Jan 2010	456	7.4	644.34	1736	153	0.00	204.0	57.9	80	127.1
L	Feb 2010	442	8.0	642.31	1680	-56	0.00	216.8	56.9	85	128.6
*	Mar 2010	862	14.0	642.17	1676	-4	0.00	249.9	109.8	98	127.5
	Apr 2010	960	16.1	642.50	1685	9	135.34	255.0	119.4	100	124.3
	May 2010	1018	16.6	643.00	1699	14	135.78	255.0	126.8	100	124.6
	Jun 2010	920	15.5	642.00	1671	-27	135.51	255.0	114.7	100	124.7
	Jul 2010	902	14.7	641.50	1658	-14	134.73	255.0	112.1	100	124.3
	Aug 2010	795	12.9	641.50	1658	0	134.46	255.0	99.1	100	124.6
	Sep 2010	805	13.5	638.00	1564	-94	132.63	255.0	98.9	100	122.8
	WY 2010	8904							1106.5		
	Oct 2010	701	11.4	630.49	1371	-193	127.33	237.2	83.2	93	118.6
	Nov 2010	615	10.3	635.00	1486	115	125.82	234.6	72.3	92	117.6
	Dec 2010	470	7.6	638.71	1583	97	130.00	239.7	57.6	94	122.4
	Jan 2011	583	9.5	641.80	1666	83	134.16	219.3	72.7	86	124.7
	Feb 2011	660	11.9	641.80	1666	0	135.05	244.8	82.7	96	125.2
	Mar 2011	949	15.4	643.05	1700	34	135.44	255.0	118.3	100	124.6
	Apr 2011	1116	18.7	643.00	1699	-2	136.07	255.0	138.6	100	124.2
	May 2011	960	15.6	643.00	1699	0	136.04	255.0	120.1	100	125.1
	Jun 2011	847	14.2	642.00	1671	-27	135.51	255.0	106.0	100	125.1
	Jul 2011	887	14.4	641.50	1658	-14	134.73	255.0	110.3	100	124.3
	Aug 2011	792	12.9	641.50	1658	0	134.46	255.0	98.7	100	124.6
	Sep 2011	765	12.8	638.00	1564	-94	132.63	255.0	94.1	100	123.1
	WY 2011	9345							1154.4		
	Oct 2011	593	9.6	633.00	1434	-130	128.65	237.2	71.3	93	120.4
	Nov 2011	511	8.6	635.00	1486	51	127.14	234.6	61.0	92	119.4
	Dec 2011	445	7.2	638.71	1583	97	130.00	239.7	54.6	94	122.5
	Jan 2012	577	9.4	641.80	1666	83	134.16	219.3	72.0	86	124.7
	Feb 2012	653	11.4	641.80	1666	0	135.05	244.8	81.9	96	125.4
	Mar 2012	942	15.3	643.05	1700	34	135.44	255.0	117.5	100	124.7

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Parker Dam - Lake Havasu

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Parker Static Head Feet	Parker Generator Capacity MW	Parker Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Apr 2009	784	13.2	448.75	595	38	0.00	111.6	53.8	93	68.6
H	May 2009	647	10.5	448.71	594	-1	0.00	120.0	44.9	100	69.4
I	Jun 2009	595	10.0	448.49	590	-4	0.00	120.0	41.3	100	69.5
S	Jul 2009	655	10.6	448.11	582	-7	0.00	120.0	43.4	100	66.3
T	Aug 2009	582	9.5	448.19	584	2	0.00	118.8	39.9	99	68.6
O	Sep 2009	505	8.5	447.16	564	-19	0.00	87.6	35.0	73	69.2
	WY 2009	6347							433.2		
R	Oct 2009	446	7.2	448.03	581	16	0.00	90.0	30.5	75	68.5
I	Nov 2009	365	6.1	447.61	573	-8	0.00	66.0	25.9	55	71.0
C	Dec 2009	301	4.9	447.34	568	-5	0.00	76.8	20.2	64	67.1
A	Jan 2010	233	3.8	448.89	597	29	0.00	66.0	15.6	55	66.8
L	Feb 2010	331	6.0	446.29	548	-49	0.00	90.0	22.8	75	68.8
*	Mar 2010	668	10.9	447.15	564	16	0.00	90.0	44.2	75	66.1
	Apr 2010	740	12.4	447.50	570	7	76.12	90.0	49.6	75	67.1
	May 2010	695	11.3	448.70	593	23	76.10	105.6	46.3	88	66.6
	Jun 2010	663	11.1	448.70	593	0	76.05	120.0	44.0	100	66.4
	Jul 2010	720	11.7	448.00	580	-13	75.71	120.0	47.7	100	66.3
	Aug 2010	616	10.0	447.50	571	-10	75.13	120.0	40.4	100	65.5
	Sep 2010	534	9.0	446.81	557	-13	74.55	120.0	34.6	100	64.8
	WY 2010	6312							421.8		
	Oct 2010	443	7.2	446.31	548	-9	73.97	120.0	28.3	100	63.9
	Nov 2010	376	6.3	446.50	552	3	75.04	93.6	24.3	78	64.4
	Dec 2010	286	4.7	446.50	552	0	74.66	103.2	18.0	86	62.9
	Jan 2011	348	5.7	446.50	552	0	75.01	96.0	22.3	80	64.0
	Feb 2011	445	8.0	446.50	552	0	74.71	102.0	28.8	85	64.8
	Mar 2011	705	11.5	446.70	555	4	74.01	120.0	45.8	100	64.9
	Apr 2011	815	13.7	448.70	593	38	75.08	120.0	53.8	100	66.1
	May 2011	694	11.3	448.70	593	0	76.05	120.0	46.1	100	66.5
	Jun 2011	643	10.8	448.70	593	0	76.05	120.0	42.6	100	66.4
	Jul 2011	716	11.7	448.00	580	-13	75.71	120.0	47.5	100	66.3
	Aug 2011	630	10.2	447.50	571	-10	75.13	120.0	41.3	100	65.6
	Sep 2011	549	9.2	446.81	557	-13	74.55	120.0	35.7	100	64.9
	WY 2011	6651							434.5		
	Oct 2011	456	7.4	446.31	548	-9	73.97	120.0	29.2	100	64.0
	Nov 2011	372	6.3	446.50	552	3	75.04	93.6	24.0	78	64.4
	Dec 2011	297	4.8	446.50	552	0	74.66	103.2	18.7	86	63.0
	Jan 2012	349	5.7	446.50	552	0	75.01	96.0	22.3	80	64.0
	Feb 2012	446	7.8	446.50	552	0	74.71	102.0	28.9	85	64.7
	Mar 2012	705	11.5	446.70	555	4	74.01	120.0	45.8	100	64.9

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Upper Basin Power

	Glen Canyon 1000 MWHR	Flam Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Res 1000 MWHR	Font Res 1000 MWHR
* Apr 2009	260	19	17	24	16	3
H May 2009	256	57	33	55	23	4
I Jun 2009	301	38	54	66	22	8
S Jul 2009	371	47	45	53	22	8
T Aug 2009	368	50	39	46	23	9
O Sep 2009	275	48	28	35	20	6
Summer 2009	1832	259	216	278	125	38
R Oct 2009	285	44	24	28	14	4
I Nov 2009	309	42	8	9	4	0
C Dec 2009	403	42	13	17	9	0
A Jan 2010	401	43	12	16	8	3
L Feb 2010	279	34	11	14	4	3
* Mar 2010	269	23	9	11	6	3
Winter 2010	1945	228	77	95	46	13
Apr 2010	247	17	14	18	11	3
May 2010	248	44	32	47	23	4
Jun 2010	251	44	18	28	19	4
Jul 2010	340	22	34	40	21	4
Aug 2010	337	22	34	41	20	4
Sep 2010	200	22	25	31	16	4
Summer 2010	1622	171	158	205	110	23
Oct 2010	206	22	17	22	12	5
Nov 2010	334	22	9	11	6	5
Dec 2010	394	22	22	28	14	5
Jan 2011	391	22	27	34	17	5
Feb 2011	368	20	17	23	12	4
Mar 2011	365	22	12	17	9	4
Winter 2011	2059	131	104	134	70	27
Apr 2011	404	22	14	22	13	5
May 2011	426	44	22	36	23	7
Jun 2011	454	67	21	32	22	9
Jul 2011	483	42	35	42	23	10
Aug 2011	457	42	38	45	23	10
Sep 2011	246	41	35	42	21	3
Summer 2011	2469	257	164	219	125	44
Oct 2011	254	42	20	24	13	6
Nov 2011	248	40	11	14	7	6
Dec 2011	329	42	29	36	18	6
Jan 2012	328	42	27	34	17	5
Feb 2012	245	39	18	23	12	5
Mar 2012	244	42	12	17	9	5
Winter 2012	1648	246	116	148	77	33

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model_run_id = 2054

F L O O D C O N T R O L C R I T E R I A
B E G I N N I N G O F M O N T H C O N D I T I O N S

MON	YEAR	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	LAKE POWELL KAF	UPPER BASIN TOTAL KAF	LAKE MEAD KAF	TOTAL KAF	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	TOT OR MAX ALLOW KAF	LAKE POWELL KAF	LAKE MEAD KAF	TOTAL KAF	BOM SPACE REQD KAF	MEAD SCHED REL KAF	MEAD FC REL KAF	SYS CONT MAF
		* * * * P R E D I C T E D S P A C E * * * *										* * * * E F F E C T I V E S P A C E * * * *							
APR	2010	784	287	449	10619	12140	15827	27966	101	234	429	764	10619	15827	27210	1500	1001	0	32.4
MAY	2010	752	276	389	10715	12132	16191	28323	63	222	350	635	10715	16191	27541	1500	1063	0	32.9
JUN	2010	754	222	243	10099	11318	16624	27941	59	157	172	388	10099	16624	27111	1500	921	0	33.7
JUL	2010	714	62	137	9202	10116	16972	27088	9	-25	20	3	9202	16972	26177	1500	911	0	33.5
												* * * * C R E D I T A B L E S P A C E * * * *							
AUG	2010	721	83	168	9211	10182	17100	27282	721	83	168	972	9211	17100	27282	1500	821	0	33.0
SEP	2010	743	135	198	9515	10592	17110	27702	743	135	198	1076	9515	17110	27702	2270	728	0	32.6
OCT	2010	770	179	208	9557	10714	17356	28070	770	179	208	1157	9557	17356	28070	3040	517	0	32.3
NOV	2010	781	202	202	9550	10735	17398	28133	781	202	202	1185	9550	17398	28133	3810	748	0	32.2
DEC	2010	794	200	203	9837	11033	17360	28393	794	200	203	1196	9837	17360	28393	4580	589	0	32.1
JAN	2011	821	248	210	10285	11564	17018	28582	821	248	210	1280	10285	17018	28582	5350	689	0	31.9
												* * * * E F F E C T I V E S P A C E * * * *							
JAN	2011	821	248	210	10285	11564	17018	28582	559	248	98	905	10285	17018	28207	5350	689	0	31.9
FEB	2011	845	314	221	10727	12106	16691	28797	580	314	107	1001	10727	16691	28418	1500	675	0	31.7
MAR	2011	858	350	220	11162	12589	16396	28985	590	350	105	1045	11162	16396	28602	1500	1010	0	31.4
APR	2011	821	357	185	11493	12856	16458	29315	548	357	65	970	11493	16458	28921	1500	1146	0	31.3
MAY	2011	747	336	177	11680	12940	16583	29523	465	336	38	838	11680	16583	29102	1500	992	0	32.3
JUN	2011	616	212	208	10947	11983	16530	28513	323	212	35	570	10947	16530	28047	1500	848	0	34.0
JUL	2011	415	35	269	9762	10481	16344	26824	106	10	48	164	9762	16344	26269	1500	895	0	34.3
												* * * * C R E D I T A B L E S P A C E * * * *							
AUG	2011	328	27	272	9740	10366	16134	26500	328	27	272	627	9740	16134	26500	1500	818	0	34.0
SEP	2011	360	77	286	10190	10912	15868	26780	360	77	286	722	10190	15868	26780	2270	688	0	33.6
OCT	2011	423	146	287	10236	11093	15970	27063	423	146	287	857	10236	15970	27063	3040	472	0	33.4
NOV	2011	485	172	283	10288	11228	15861	27089	485	172	283	941	10288	15861	27089	3810	582	0	33.4
DEC	2011	547	177	283	10335	11342	15859	27202	547	177	283	1008	10335	15859	27202	4580	564	0	33.3
JAN	2012	626	248	293	10573	11740	15639	27379	626	248	293	1167	10573	15639	27379	5350	683	0	33.1
												* * * * E F F E C T I V E S P A C E * * * *							
JAN	2012	626	248	293	10573	11740	15639	27379	289	248	162	700	10573	15639	26912	5350	683	0	33.1
FEB	2012	700	314	303	10828	12145	15452	27597	362	314	172	848	10828	15452	27128	1500	668	0	33.0
MAR	2012	761	351	302	10925	12339	15435	27774	422	351	170	943	10925	15435	27302	1500	1003	0	32.7

To: All Annual Operating Plan Recipients

From: Lower Colorado Region
Boulder Canyon Operations Office
River Operations Group
Bruce Williams
P.O. Box 61470
Boulder City, NV 89006-1470
Phone: 702-293-8571

The operation of Lake Powell and Lake Mead in this May 2010 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines), and reflects the 2010 Annual Operating Plan (AOP). Pursuant to the Interim Guidelines, the August 2009 24-Month Study projections of the January 1, 2010 system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead.

The Lake Powell operational tier for water year 2010 is the Upper Elevation Balancing Tier. The Intentionally Created Surplus (ICS) Surplus condition is the criterion governing the operation of Lake Mead for calendar year 2010.

The April 2010 24-Month study projected the end of water year elevation at Lake Powell to be below the Equalization level of 3642 feet and the projected end of water year 2010 elevation at Lake Mead to be above elevation 1075 feet. Pursuant to Sections 6.B.1. and 6.B.4. of the Interim Guidelines, the annual release volume will be 8.23 million acre-feet from Glen Canyon Dam during water year 2010 which is reflected in the May 24-Month Study.

The Interim Guidelines are available for download at http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf. The 2010 AOP is available for download at http://www.usbr.gov/lc/region/g4000/AOP2010/AOP10 draft.pdf.

Current runoff projections into Lake Powell are provided by the National Weather Service's Colorado Basin River Forecast Center and are as follows: Observed unregulated inflow into Lake Powell for the month of April 2010 was 0.930 maf or 94% of the 30-year average. The forecast for May 2010 unregulated inflow into Lake Powell is 1.500 maf or 65% of the 30-year average. The forecast for the 2010 April through July unregulated inflow is 5.2 maf or 66% of average.

In this study, the Calendar Year (CY) 2010 diversion for Metropolitan Water District of Southern California (MWD) is forecasted to be 1.068 maf. The CY 2010 diversion for the Central Arizona Project (CAP) is forecasted to be 1.675 maf. Consumptive use for Nevada above Hoover is forecasted to be 0.234 maf for CY 2010.

Due to declining Lake Mead elevations, Hoover's generator capacity is adjusted based on estimated effective capacity and plant availability. The estimated effective capacity is based on projected Lake Mead elevations. Unit capacity tests will be performed as the lake elevation changes in 2-foot increments. This study reflects these changes in the projections.

Hoover, Davis, and Parker historical gross energy figures come from PO&M reports provided by the Lower Colorado Region's Power Management Office, Bureau of Reclamation, Boulder City, Nevada. Questions regarding these historical energy numbers can be directed to Larry Karr at (702) 293-8094.

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T E M R E S E R V O I R S

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Fontenelle Reservoir

	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
* May 2009	152	1	62	1	64	6490.46	231
H Jun 2009	477	3	91	285	376	6504.01	330
I Jul 2009	247	3	88	145	233	6505.36	341
S Aug 2009	72	2	98	6	104	6500.99	306
T Sep 2009	37	2	66	0	66	6496.84	276
WY 2009	1295	15	773	485	1258		
O Oct 2009	48	1	51	11	62	6494.68	260
R Nov 2009	42	1	0	62	62	6491.61	239
I Dec 2009	31	1	0	70	71	6485.42	198
C Jan 2010	28	1	38	30	69	6478.10	157
A Feb 2010	23	0	55	0	55	6471.41	125
L Mar 2010	43	0	56	0	56	6468.40	112
* Apr 2010	63	1	47	1	48	6471.88	127
May 2010	80	1	49	0	49	6478.11	157
Jun 2010	175	2	48	0	48	6497.75	282
Jul 2010	85	3	49	0	49	6502.15	315
Aug 2010	53	2	49	0	49	6502.30	317
Sep 2010	40	2	40	27	67	6498.51	288
WY 2010	710	15	481	202	683		
Oct 2010	49	1	55	14	69	6495.56	266
Nov 2010	41	1	67	0	67	6491.85	240
Dec 2010	32	1	69	0	69	6486.14	203
Jan 2011	30	1	69	0	69	6479.46	164
Feb 2011	28	0	62	0	62	6472.24	129
Mar 2011	52	0	69	0	69	6468.09	111
Apr 2011	89	1	83	0	83	6469.40	117
May 2011	176	1	99	5	104	6483.62	188
Jun 2011	307	2	103	90	193	6500.02	299
Jul 2011	185	3	101	38	138	6505.70	343
Aug 2011	82	2	100	8	108	6502.19	316
Sep 2011	48	2	37	31	67	6499.49	295
WY 2011	1120	15	913	185	1098		
Oct 2011	49	1	69	0	69	6496.48	273
Nov 2011	41	1	67	0	67	6492.73	246
Dec 2011	32	1	69	0	69	6486.98	208
Jan 2012	30	1	69	0	69	6480.33	169
Feb 2012	29	0	63	0	63	6473.39	134
Mar 2012	52	0	69	0	69	6469.20	116
Apr 2012	89	1	83	0	83	6470.61	122

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Flaming Gorge Reservoir

	Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Yampa Flow 1000 Ac-Ft	Jensen Flow 1000 Ac-Ft
* May 2009	212	125	7	150	0	150	120	6020.33	2993	750	881
H Jun 2009	573	472	10	96	0	96	134	6029.83	3357	516	624
I Jul 2009	284	271	14	117	0	117	140	6033.29	3478	110	246
S Aug 2009	74	106	13	124	0	124	139	6032.53	3448	21	156
T Sep 2009	45	74	11	120	0	120	136	6031.12	3392	14	144
WY 2009	1564	1527	79	1065	0	1065					3031
O Oct 2009	45	59	7	109	0	109	134	6029.69	3337	0	152
R Nov 2009	47	67	4	104	0	104	133	6028.67	3298	0	143
I Dec 2009	19	59	2	107	1	108	131	6027.38	3249	0	504
C Jan 2010	27	68	2	109	0	109	129	6026.29	3208	0	669
A Feb 2010	29	61	2	87	0	87	128	6025.55	3181	0	111
L Mar 2010	69	81	3	60	0	60	129	6026.01	3198	0	118
* Apr 2010	96	81	5	49	0	49	130	6026.69	3223	206	240
May 2010	105	74	8	120	0	120	128	6025.31	3172	0	120
Jun 2010	215	88	10	120	0	120	126	6024.20	3131	0	120
Jul 2010	100	64	13	61	0	61	126	6023.93	3121	0	61
Aug 2010	61	58	12	61	0	61	125	6023.52	3106	0	61
Sep 2010	48	75	11	59	0	59	125	6023.64	3110	0	59
WY 2010	862	835	79	1048	1	1049					2361
Oct 2010	59	79	7	61	0	61	126	6023.92	3121	0	61
Nov 2010	51	76	3	59	0	59	126	6024.27	3133	0	59
Dec 2010	36	73	2	61	0	61	126	6024.52	3142	0	61
Jan 2011	41	79	2	61	0	61	127	6024.94	3158	0	61
Feb 2011	45	80	2	56	0	56	128	6025.52	3179	0	56
Mar 2011	103	121	3	61	0	61	130	6026.97	3233	0	61
Apr 2011	142	136	5	59	0	59	133	6028.78	3302	0	59
May 2011	263	191	8	122	0	122	135	6030.33	3362	0	122
Jun 2011	400	286	11	182	0	182	139	6032.62	3451	0	182
Jul 2011	219	172	14	114	0	114	140	6033.70	3494	0	114
Aug 2011	96	122	13	114	0	114	140	6033.58	3489	0	114
Sep 2011	58	77	12	110	0	110	139	6032.50	3447	0	110
WY 2011	1515	1492	81	1062	0	1062					1062
Oct 2011	59	80	8	114	0	114	137	6031.48	3407	0	114
Nov 2011	51	77	4	110	0	110	136	6030.57	3371	0	110
Dec 2011	36	73	2	114	0	114	134	6029.52	3330	0	114
Jan 2012	41	80	2	114	0	114	133	6028.62	3296	0	114
Feb 2012	47	81	2	106	0	106	131	6027.93	3270	0	106
Mar 2012	103	121	3	114	0	114	132	6028.04	3274	0	114
Apr 2012	142	135	5	110	0	110	132	6028.56	3294	0	110

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Taylor Park Reservoir

	Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
* May 2009	46	20	9328.38	103
H Jun 2009	37	35	9329.45	105
I Jul 2009	16	26	9324.35	95
S Aug 2009	7	19	9317.78	83
T Sep 2009	6	15	9312.44	74
WY 2009	153	151		
O Oct 2009	7	8	9311.60	72
R Nov 2009	5	6	9310.68	71
I Dec 2009	4	6	9309.18	69
C Jan 2010	4	6	9307.90	67
A Feb 2010	4	6	9306.55	65
L Mar 2010	4	6	9305.31	63
* Apr 2010	10	0	9308.40	67
May 2010	18	14	9311.13	72
Jun 2010	37	16	9323.21	93
Jul 2010	15	20	9320.37	88
Aug 2010	8	19	9314.20	77
Sep 2010	6	14	9309.49	69
WY 2010	123	122		
Oct 2010	6	6	9309.59	69
Nov 2010	5	6	9308.91	68
Dec 2010	4	6	9307.94	67
Jan 2011	4	6	9306.75	65
Feb 2011	4	6	9305.23	63
Mar 2011	4	6	9304.03	61
Apr 2011	8	8	9304.60	62
May 2011	27	14	9313.03	75
Jun 2011	43	18	9326.75	100
Jul 2011	20	20	9326.96	100
Aug 2011	10	22	9320.67	88
Sep 2011	7	15	9316.16	80
WY 2011	144	132		
Oct 2011	6	10	9313.90	76
Nov 2011	5	6	9313.27	75
Dec 2011	4	6	9312.35	74
Jan 2012	4	6	9311.24	72
Feb 2012	4	6	9309.90	70
Mar 2012	4	6	9308.78	68
Apr 2012	8	8	9308.99	68

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Blue Mesa Reservoir

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir elevation EOM Feet	Live Storage 1000 Ac-Ft
*	May 2009	344	317	1	110	10	120	7513.48	776
H	Jun 2009	229	227	1	172	3	175	7519.02	826
I	Jul 2009	95	105	2	144	0	144	7514.49	785
S	Aug 2009	42	54	1	128	0	128	7505.79	710
T	Sep 2009	26	35	1	93	0	93	7498.71	651
	WY 2009	1017	1016	9	993	13	1006		
O	Oct 2009	33	34	1	81	0	81	7492.82	603
R	Nov 2009	27	28	0	28	0	28	7492.84	604
I	Dec 2009	21	23	0	47	0	47	7489.73	579
C	Jan 2010	22	24	0	43	0	43	7487.22	560
A	Feb 2010	22	24	0	38	0	38	7485.33	546
L	Mar 2010	29	30	0	33	0	33	7484.88	542
*	Apr 2010	96	92	1	45	0	45	7490.80	588
	May 2010	143	139	1	118	0	118	7493.29	607
	Jun 2010	235	214	1	56	0	56	7512.04	764
	Jul 2010	87	92	2	108	0	108	7510.06	746
	Aug 2010	50	61	1	112	0	112	7503.96	694
	Sep 2010	33	41	1	83	0	83	7498.71	651
	WY 2010	797	802	9	793	0	793		
	Oct 2010	36	35	1	58	0	58	7495.87	628
	Nov 2010	31	32	0	29	0	29	7496.22	631
	Dec 2010	25	27	0	76	0	76	7490.00	581
	Jan 2011	24	26	0	91	0	91	7481.37	516
	Feb 2011	22	24	0	60	0	60	7476.38	480
	Mar 2011	34	36	0	43	0	43	7475.33	473
	Apr 2011	73	72	1	51	0	51	7478.24	493
	May 2011	212	199	1	74	0	74	7494.54	617
	Jun 2011	271	246	1	68	0	68	7515.45	794
	Jul 2011	121	120	2	110	0	110	7516.40	802
	Aug 2011	62	74	1	122	0	122	7510.81	753
	Sep 2011	36	44	1	113	0	113	7502.63	683
	WY 2011	946	935	9	894	0	894		
	Oct 2011	36	39	1	65	0	65	7499.48	657
	Nov 2011	31	32	0	36	0	36	7498.91	652
	Dec 2011	25	27	0	97	0	97	7490.00	581
	Jan 2012	24	26	0	92	0	92	7481.30	516
	Feb 2012	23	25	0	62	0	62	7476.10	478
	Mar 2012	34	36	0	43	0	43	7475.04	471
	Apr 2012	73	73	1	50	0	50	7478.17	493

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Morrow Point Reservoir

	Unreg Inflow 1000 Ac-Ft	Blue_Mesa Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Evap losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
* May 2009	377	120	34	154	0	153	2	155	7154.23	112
H Jun 2009	241	175	12	188	0	184	0	184	7158.19	116
I Jul 2009	97	144	2	146	0	148	0	148	7155.33	113
S Aug 2009	42	128	0	128	0	129	0	129	7154.90	113
T Sep 2009	27	93	1	94	0	100	0	100	7146.95	107
WY 2009	1088	1006	70	1076	1	1074	9	1083		
O Oct 2009	34	81	1	82	0	81	0	81	7148.23	108
R Nov 2009	29	28	2	30	0	27	0	27	7152.38	111
I Dec 2009	22	47	1	48	0	47	0	47	7153.12	112
C Jan 2010	24	43	2	45	0	47	0	47	7150.49	109
A Feb 2010	22	38	1	38	0	41	0	41	7147.10	107
L Mar 2010	29	33	1	34	0	34	0	34	7147.29	107
* Apr 2010	107	45	11	57	0	55	0	55	7149.84	109
May 2010	160	118	17	135	0	132	0	132	7153.73	112
Jun 2010	253	56	18	74	0	74	0	74	7153.73	112
Jul 2010	92	108	5	113	0	113	0	113	7153.73	112
Aug 2010	53	112	3	115	0	115	0	115	7153.73	112
Sep 2010	35	83	2	85	0	85	0	85	7153.73	112
WY 2010	860	793	63	857	0	851	0	851		
Oct 2010	38	58	3	61	0	61	0	61	7153.73	112
Nov 2010	33	29	2	31	0	31	0	31	7153.73	112
Dec 2010	27	76	2	78	0	78	0	78	7153.73	112
Jan 2011	26	91	2	93	0	93	0	93	7153.73	112
Feb 2011	25	60	3	63	0	63	0	63	7153.73	112
Mar 2011	38	43	4	47	0	47	0	47	7153.73	112
Apr 2011	84	51	11	62	0	62	0	62	7153.73	112
May 2011	237	74	25	99	0	99	0	99	7153.73	112
Jun 2011	292	68	21	89	0	89	0	89	7153.73	112
Jul 2011	127	110	7	117	0	117	0	117	7153.73	112
Aug 2011	65	122	4	126	0	126	0	126	7153.73	112
Sep 2011	39	113	3	116	0	116	0	116	7153.73	112
WY 2011	1032	894	86	980	0	980	0	980		
Oct 2011	38	65	3	68	0	68	0	68	7153.73	112
Nov 2011	33	36	2	38	0	38	0	38	7153.73	112
Dec 2011	27	97	2	100	0	100	0	100	7153.73	112
Jan 2012	26	92	2	94	0	94	0	94	7153.73	112
Feb 2012	26	62	3	65	0	65	0	65	7153.73	112
Mar 2012	38	43	4	47	0	47	0	47	7153.73	112
Apr 2012	84	50	11	61	0	61	0	61	7153.73	112

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Crystal Reservoir

	unreg Inflow 1000 Ac-Ft	Morrow Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Tunnel Flow 1000 Ac-Ft	Below_tunnel Flow 1000 Ac-Ft
* May 2009	431	155	53	208	120	88	208	6752.57	17	55	160
H Jun 2009	264	184	23	207	116	91	207	6753.30	17	59	157
I Jul 2009	104	148	7	156	128	30	158	6743.22	14	68	101
S Aug 2009	44	129	2	131	130	0	130	6746.30	15	67	71
T Sep 2009	29	100	2	102	102	0	102	6746.55	15	63	46
WY 2009	1209	1083	121	1204	964	238	1202			416	853
O Oct 2009	36	81	3	84	72	10	82	6751.89	17	49	36
R Nov 2009	32	27	3	29	31	0	31	6747.51	15	1	31
I Dec 2009	25	47	3	51	52	0	52	6743.59	14	1	53
C Jan 2010	26	47	3	50	49	0	49	6745.38	15	1	50
A Feb 2010	25	41	3	44	25	17	42	6751.67	17	1	43
L Mar 2010	33	34	4	38	38	0	38	6751.84	17	1	38
* Apr 2010	118	55	11	66	66	0	66	6750.96	16	38	34
May 2010	175	132	15	147	135	11	146	6753.04	17	55	91
Jun 2010	275	74	22	96	96	0	96	6753.04	17	60	36
Jul 2010	100	113	8	121	121	0	121	6753.04	17	65	56
Aug 2010	59	115	5	120	120	0	120	6753.04	17	65	55
Sep 2010	41	85	5	91	91	0	91	6753.04	17	55	36
WY 2010	945	851	85	936	896	39	934			390	559
Oct 2010	44	61	6	67	67	0	67	6753.04	17	30	37
Nov 2010	38	31	5	36	36	0	36	6753.04	17	0	36
Dec 2010	32	78	5	83	83	0	83	6753.04	17	0	83
Jan 2011	31	93	5	98	98	0	98	6753.04	17	0	98
Feb 2011	29	63	4	67	67	0	67	6753.04	17	0	67
Mar 2011	46	47	7	54	54	0	54	6753.04	17	5	49
Apr 2011	96	62	12	74	74	0	74	6753.04	17	30	44
May 2011	272	99	35	134	134	0	134	6753.04	17	55	79
Jun 2011	330	89	38	127	127	0	127	6753.04	17	60	67
Jul 2011	144	117	17	134	134	0	134	6753.04	17	65	69
Aug 2011	74	126	8	134	134	0	134	6753.04	17	65	69
Sep 2011	45	116	6	122	122	0	122	6753.04	17	55	67
WY 2011	1183	980	150	1131	1131	0	1131			365	766
Oct 2011	44	68	6	74	74	0	74	6753.04	17	30	44
Nov 2011	38	38	5	43	43	0	43	6753.04	17	0	43
Dec 2011	32	100	5	104	104	0	104	6753.04	17	0	104
Jan 2012	31	94	5	99	99	0	99	6753.04	17	0	99
Feb 2012	30	65	4	69	69	0	69	6753.04	17	0	69
Mar 2012	46	47	7	54	54	0	54	6753.04	17	5	49
Apr 2012	96	61	12	73	73	0	73	6753.04	17	30	43

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Vallecito Reservoir

		Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	May 2009	98	66	7664.50	124
H	Jun 2009	44	43	7664.64	124
I	Jul 2009	19	39	7656.79	104
S	Aug 2009	8	39	7643.59	72
T	Sep 2009	8	30	7632.32	49
	WY 2009	237	254		
O	Oct 2009	8	13	7629.82	44
R	Nov 2009	4	3	7630.41	45
I	Dec 2009	4	3	7630.60	46
C	Jan 2010	4	3	7631.27	47
A	Feb 2010	3	4	7630.95	46
L	Mar 2010	3	8	7628.45	42
*	Apr 2010	27	4	7640.13	65
	May 2010	49	28	7649.13	85
	Jun 2010	70	39	7661.36	116
	Jul 2010	21	40	7653.74	96
	Aug 2010	15	40	7643.00	71
	Sep 2010	15	30	7635.91	56
	WY 2010	224	214		
	Oct 2010	14	21	7632.01	48
	Nov 2010	8	6	7633.27	51
	Dec 2010	6	6	7633.17	51
	Jan 2011	5	5	7633.44	51
	Feb 2011	5	4	7633.64	51
	Mar 2011	8	8	7633.75	52
	Apr 2011	22	10	7639.39	63
	May 2011	69	33	7655.04	99
	Jun 2011	78	56	7663.25	121
	Jul 2011	31	43	7658.40	108
	Aug 2011	19	39	7650.20	87
	Sep 2011	17	29	7644.89	75
	WY 2011	282	260		
	Oct 2011	14	19	7642.43	70
	Nov 2011	8	6	7643.46	72
	Dec 2011	6	5	7644.06	73
	Jan 2012	5	5	7644.28	74
	Feb 2012	5	4	7644.45	74
	Mar 2012	8	5	7645.89	77
	Apr 2012	22	12	7650.02	87

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Navajo Reservoir

	Mod_Unreg Inflow 1000 Ac-Ft	Azetea Tunnel_Div 1000 Ac-Ft	Reg Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	NIIP Diversion 1000 ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Farm Flow 1000 Ac-Ft
* May 2009	361	52	275	4	29	59	6072.47	1515	256
H Jun 2009	146	24	120	5	36	115	6069.92	1479	181
I Jul 2009	25	4	39	5	43	49	6065.70	1422	60
S Aug 2009	-11	0	20	4	42	49	6059.96	1347	47
T Sep 2009	5	0	28	3	22	37	6057.30	1314	39
WY 2009	846	106	757	28	209	525			937
O Oct 2009	16	0	21	2	13	37	6054.76	1283	45
R Nov 2009	15	0	14	1	0	30	6053.34	1265	48
I Dec 2009	13	0	12	1	0	32	6051.61	1245	48
C Jan 2010	15	0	14	1	0	32	6050.04	1226	49
A Feb 2010	16	0	16	1	0	27	6049.04	1214	43
L Mar 2010	64	1	68	1	3	31	6051.78	1247	52
* Apr 2010	222	22	179	2	12	28	6062.79	1384	75
May 2010	196	37	138	4	28	31	6068.47	1459	31
Jun 2010	220	30	159	5	44	30	6074.23	1540	30
Jul 2010	44	2	61	5	47	38	6072.17	1511	38
Aug 2010	32	3	54	4	40	44	6069.73	1477	44
Sep 2010	37	1	50	3	22	32	6069.18	1469	32
WY 2010	889	96	786	29	209	392			536
Oct 2010	40	2	46	2	8	31	6069.61	1475	31
Nov 2010	33	0	30	1	0	30	6069.57	1475	30
Dec 2010	24	0	24	1	0	31	6069.02	1467	31
Jan 2011	22	0	21	1	0	31	6068.27	1457	31
Feb 2011	30	0	30	1	0	28	6068.33	1458	28
Mar 2011	88	2	86	2	4	31	6071.90	1507	31
Apr 2011	174	16	146	3	17	110	6073.08	1524	110
May 2011	279	33	209	4	29	206	6070.93	1494	206
Jun 2011	246	29	195	5	44	212	6066.16	1428	212
Jul 2011	74	7	79	5	47	31	6065.93	1425	31
Aug 2011	43	3	61	4	40	31	6064.91	1412	31
Sep 2011	42	1	53	3	22	30	6064.79	1410	30
WY 2011	1096	93	980	29	210	800			800
Oct 2011	40	1	44	2	8	31	6065.11	1414	31
Nov 2011	33	0	30	1	0	30	6065.07	1414	30
Dec 2011	24	0	22	1	0	31	6064.38	1405	31
Jan 2012	22	0	21	1	0	31	6063.61	1394	31
Feb 2012	31	0	31	1	0	29	6063.68	1395	29
Mar 2012	88	2	83	2	4	61	6064.87	1411	61
Apr 2012	174	16	148	3	17	60	6069.96	1480	60

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Lake Powell

	Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	PowerPlant Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Bank Storage 1000 Ac-Ft	EOM Storage 1000 Ac-Ft	Lees Ferry 1000 Ac-Ft
* May 2009	2940	2466	31	582	0	582	3629.09	17202	14751	586
H Jun 2009	2742	2258	54	664	0	664	3640.49	17432	16061	670
I Jul 2009	1416	1241	67	803	0	803	3641.14	17726	16138	828
S Aug 2009	334	547	66	802	0	802	3637.50	17834	15710	829
T Sep 2009	274	479	59	598	0	598	3635.37	17902	15463	613
WY 2009	10748	10232	437	8236	0	8236				8396
O Oct 2009	360	526	41	620	0	620	3633.52	17979	15251	634
R Nov 2009	421	495	39	692	0	692	3631.10	18018	14976	702
I Dec 2009	308	437	30	901	0	901	3626.22	18066	14434	925
C Jan 2010	302	425	9	900	0	900	3622.14	18023	13991	925
A Feb 2010	294	384	10	631	0	631	3620.16	17978	13780	644
L Mar 2010	477	474	17	602	0	602	3619.41	17912	13701	612
* Apr 2010	930	703	26	602	0	602	3620.50	17872	13816	614
May 2010	1500	1386	32	600	0	600	3626.96	17928	14515	600
Jun 2010	1950	1559	52	600	0	600	3634.43	17995	15355	600
Jul 2010	820	846	64	804	0	804	3634.26	17993	15335	804
Aug 2010	419	536	63	802	0	802	3631.58	17969	15030	802
Sep 2010	400	481	57	476	0	476	3631.14	17965	14981	476
WY 2010	8181	8251	439	8230	0	8230				8338
Oct 2010	514	538	40	492	0	492	3631.20	17965	14987	492
Nov 2010	523	527	38	800	0	800	3628.63	17942	14700	800
Dec 2010	414	497	30	950	0	950	3624.56	17907	14252	950
Jan 2011	384	481	9	950	0	950	3620.44	17871	13809	950
Feb 2011	394	440	10	900	0	900	3616.30	17836	13375	900
Mar 2011	628	543	16	900	0	900	3612.95	17809	13030	900
Apr 2011	950	814	25	1000	0	1000	3611.04	17793	12835	1000
May 2011	2161	1871	30	1100	0	1100	3617.70	17848	13521	1100
Jun 2011	2811	2429	49	1120	0	1120	3628.52	17941	14687	1120
Jul 2011	1346	1240	61	1170	0	1170	3628.59	17942	14696	1170
Aug 2011	566	674	60	1105	0	1105	3624.45	17906	14241	1105
Sep 2011	460	599	54	714	0	714	3623.00	17893	14084	714
WY 2011	11151	10653	422	11201	0	11201				11201
Oct 2011	514	597	37	738	0	738	3621.46	17880	13919	738
Nov 2011	523	585	36	600	0	600	3621.02	17876	13872	600
Dec 2011	414	571	28	800	0	800	3618.77	17857	13633	800
Jan 2012	384	533	9	800	0	800	3616.33	17837	13378	800
Feb 2012	408	505	9	600	0	600	3615.40	17829	13282	600
Mar 2012	628	626	16	600	0	600	3615.49	17830	13291	600
Apr 2012	950	813	26	600	0	600	3617.16	17844	13465	600

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Hoover Dam - Lake Mead

	Glen Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release CFS	SNWP Use 1000 Ac-Ft	Dwnstrm Reqmnts 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
* May 2009	582	63	47	977	15.9	33	968	729	1096.92	11217
H Jun 2009	664	11	56	750	12.6	25	748	720	1095.26	11071
I Jul 2009	803	38	70	840	13.7	30	838	714	1094.20	10978
S Aug 2009	802	59	74	801	13.0	30	792	711	1093.73	10938
T Sep 2009	598	55	61	575	9.7	22	570	711	1093.68	10933
WY 2009	8236	651	585	9210		242	9119			
O Oct 2009	620	23	44	613	10.0	25	608	708	1093.26	10897
R Nov 2009	692	39	44	648	10.9	15	647	710	1093.52	10919
I Dec 2009	901	51	39	646	10.5	9	629	726	1096.30	11162
C Jan 2010	900	124	32	634	10.3	6	578	747	1100.02	11493
A Feb 2010	631	112	30	400	7.2	6	399	766	1103.21	11780
L Mar 2010	602	87	33	889	14.5	12	868	751	1100.66	11550
* Apr 2010	602	139	41	933	15.7	20	863	735	1098.00	11313
May 2010	600	73	47	988	16.1	25	988	712	1093.87	10950
Jun 2010	600	28	55	969	16.3	23	969	686	1089.30	10556
Jul 2010	804	61	68	870	14.2	25	870	680	1088.22	10464
Aug 2010	802	106	72	845	13.7	26	845	678	1087.83	10431
Sep 2010	476	71	59	734	12.3	21	734	662	1084.86	10180
WY 2010	8230	914	565	9169		212	8997			
Oct 2010	492	55	43	531	8.6	32	531	658	1084.21	10125
Nov 2010	800	54	43	766	12.9	22	766	659	1084.46	10146
Dec 2010	950	57	37	630	10.2	16	630	679	1088.07	10451
Jan 2011	950	135	31	689	11.2	16	689	701	1091.89	10778
Feb 2011	900	135	29	675	12.1	18	675	720	1095.28	11072
Mar 2011	900	101	32	1010	16.4	25	1010	716	1094.56	11010
Apr 2011	1000	71	40	1146	19.3	19	1146	707	1093.12	10884
May 2011	1100	73	46	992	16.1	28	992	714	1094.28	10985
Jun 2011	1120	28	56	848	14.2	26	848	727	1096.61	11189
Jul 2011	1170	61	71	895	14.6	28	895	742	1099.11	11412
Aug 2011	1105	106	76	818	13.3	29	818	759	1102.12	11682
Sep 2011	714	71	63	688	11.6	24	688	760	1102.22	11690
WY 2011	11201	946	567	9687		283	9687			
Oct 2011	738	55	46	472	7.7	36	472	774	1104.68	11915
Nov 2011	600	54	47	582	9.8	25	582	774	1104.69	11915
Dec 2011	800	57	40	564	9.2	19	564	789	1107.08	12135
Jan 2012	800	135	33	683	11.1	20	683	801	1109.09	12321
Feb 2012	600	138	31	668	11.6	21	668	802	1109.27	12338
Mar 2012	600	101	34	1003	16.3	28	1003	780	1105.57	11995
Apr 2012	600	71	42	1138	19.1	22	1138	747	1100.07	11497

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Davis Dam - Lake Mohave

	Hoover Release 1000 Ac-Ft	Side inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Spill Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release CFS	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
* May 2009	977	-5	22	916	0	916	14.9	644.36	1736
H Jun 2009	750	-3	25	788	0	788	13.2	641.92	1669
I Jul 2009	840	5	25	835	0	835	13.6	641.37	1654
S Aug 2009	801	-8	23	756	0	756	12.3	641.90	1669
T Sep 2009	575	2	18	726	0	726	12.2	635.60	1501
WY 2009	9210	-123	197	9008	0	9008			
O Oct 2009	613	-8	14	623	0	623	10.1	634.34	1469
R Nov 2009	648	-15	10	590	0	590	9.9	635.61	1502
I Dec 2009	646	-24	9	532	0	532	8.7	638.68	1582
C Jan 2010	634	-15	10	456	0	456	7.4	644.34	1736
A Feb 2010	400	-4	10	442	0	442	8.0	642.31	1680
L Mar 2010	889	-18	13	862	0	862	14.0	642.17	1676
* Apr 2010	933	-17	17	878	0	878	14.8	642.94	1697
May 2010	988	-10	22	955	0	955	15.5	643.00	1699
Jun 2010	969	-2	25	941	0	941	15.8	643.00	1699
Jul 2010	870	3	25	889	0	889	14.5	641.50	1658
Aug 2010	845	-3	23	819	0	819	13.3	641.50	1658
Sep 2010	734	1	18	810	0	810	13.6	638.00	1564
WY 2010	9169	-113	197	8796	0	8796			
Oct 2010	531	5	14	715	0	715	11.6	630.49	1371
Nov 2010	766	-9	10	632	0	632	10.6	635.00	1486
Dec 2010	630	-12	9	511	0	511	8.3	638.71	1583
Jan 2011	689	-13	10	583	0	583	9.5	641.80	1666
Feb 2011	675	-5	10	660	0	660	11.9	641.80	1666
Mar 2011	1010	-14	13	949	0	949	15.4	643.05	1700
Apr 2011	1146	-15	17	1116	0	1116	18.7	643.00	1699
May 2011	992	-10	22	960	0	960	15.6	643.00	1699
Jun 2011	848	-2	25	847	0	847	14.2	642.00	1671
Jul 2011	895	3	25	887	0	887	14.4	641.50	1658
Aug 2011	818	-3	23	792	0	792	12.9	641.50	1658
Sep 2011	688	1	18	765	0	765	12.8	638.00	1564
WY 2011	9687	-73	196	9417	0	9417			
Oct 2011	472	5	15	593	0	593	9.6	633.00	1434
Nov 2011	582	-9	10	511	0	511	8.6	635.00	1486
Dec 2011	564	-12	9	445	0	445	7.2	638.71	1583
Jan 2012	683	-13	10	577	0	577	9.4	641.80	1666
Feb 2012	668	-5	10	653	0	653	11.4	641.80	1666
Mar 2012	1003	-14	13	942	0	942	15.3	643.05	1700
Apr 2012	1138	-15	17	1108	0	1108	18.6	643.00	1699

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Parker Dam - Lake Havasu

		Davis Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	MWD Diversion 1000 Ac-Ft	CAP diversion 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft	Flow_to Mexico 1000 Ac-Ft	Flow_to Mexico 1000 CFS
*	May 2009	916	20	13	647	10.5	101	165	448.71	594	122	2.0
H	Jun 2009	788	20	16	595	10.0	98	94	448.49	590	113	1.9
I	Jul 2009	835	17	17	655	10.6	100	75	448.11	582	120	2.0
S	Aug 2009	756	24	17	582	9.5	100	70	448.19	584	101	1.6
T	Sep 2009	726	21	15	505	8.5	96	143	447.16	564	93	1.6
	WY 2009	9008	180	139	6347		1070	1602			1584	
O	Oct 2009	623	17	12	446	7.2	26	133	448.03	581	77	1.2
R	Nov 2009	590	32	9	365	6.1	107	144	447.61	573	103	1.7
I	Dec 2009	532	28	7	301	4.9	104	149	447.34	568	135	2.2
C	Jan 2010	456	41	6	233	3.8	99	126	448.89	597	174	2.8
A	Feb 2010	442	10	8	331	6.0	66	91	446.29	548	141	2.5
L	Mar 2010	862	56	9	668	10.9	90	128	447.15	564	233	3.8
*	Apr 2010	878	36	11	670	11.3	43	153	448.61	592	209	3.5
	May 2010	955	11	13	660	10.7	104	175	448.70	593	104	1.7
	Jun 2010	941	7	16	663	11.1	105	150	448.70	593	112	1.9
	Jul 2010	889	14	17	720	11.7	109	56	448.00	580	118	1.9
	Aug 2010	819	20	17	616	10.0	109	93	447.50	571	92	1.5
	Sep 2010	810	13	15	534	9.0	105	173	446.81	557	89	1.5
	WY 2010	8796	284	140	6207		1069	1572			1588	
	Oct 2010	715	20	12	450	7.3	99	176	446.31	548	78	1.3
	Nov 2010	632	22	8	378	6.4	80	179	446.50	552	107	1.8
	Dec 2010	511	20	6	286	4.7	59	175	446.50	552	118	1.9
	Jan 2011	583	34	6	348	5.7	94	165	446.50	552	122	2.0
	Feb 2011	660	40	8	445	8.0	85	156	446.50	552	153	2.8
	Mar 2011	949	45	9	705	11.5	94	173	446.70	555	208	3.4
	Apr 2011	1116	15	11	815	13.7	92	166	448.70	593	200	3.4
	May 2011	960	11	13	694	11.3	94	158	448.70	593	111	1.8
	Jun 2011	847	7	16	643	10.8	92	90	448.70	593	112	1.9
	Jul 2011	887	14	17	716	11.7	94	72	448.00	580	118	1.9
	Aug 2011	792	20	17	630	10.2	94	68	447.50	571	92	1.5
	Sep 2011	765	13	15	549	9.2	70	147	446.81	557	89	1.5
	WY 2011	9417	260	139	6660		1045	1725			1509	
	Oct 2011	593	20	12	456	7.4	33	113	446.31	548	72	1.2
	Nov 2011	511	22	8	372	6.3	32	111	446.50	552	105	1.8
	Dec 2011	445	20	6	297	4.8	33	125	446.50	552	118	1.9
	Jan 2012	577	34	6	349	5.7	86	165	446.50	552	122	2.0
	Feb 2012	653	41	8	446	7.8	78	156	446.50	552	153	2.7
	Mar 2012	942	45	9	705	11.5	86	173	446.70	555	208	3.4
	Apr 2012	1108	15	11	814	13.7	84	166	448.70	593	200	3.4

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Hoover Dam - Lake Mead

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Hoover Static Head Feet	Hoover Generator Capacity MW	Hoover Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	May 2009	977	15.9	1096.92	11217	-387	0.00	1411.0	381.7	85	390.6
H	Jun 2009	750	12.6	1095.26	11071	-146	0.00	1641.0	287.2	100	383.1
I	Jul 2009	840	13.7	1094.20	10978	-93	0.00	1640.0	324.9	100	386.9
S	Aug 2009	801	13.0	1093.73	10938	-41	0.00	1648.0	307.5	100	383.8
T	Sep 2009	574	9.7	1093.68	10933	-4	0.00	1656.0	215.3	100	374.9
	WY 2009	9210							3592.3		
O	Oct 2009	613	10.0	1093.26	10897	-37	0.00	1158.0	235.5	70	384.4
R	Nov 2009	648	10.9	1093.52	10919	23	0.00	1358.0	251.9	82	388.7
I	Dec 2009	646	10.5	1096.30	11162	243	0.00	1037.0	248.8	63	385.3
C	Jan 2010	634	10.3	1100.02	11493	330	0.00	1050.0	248.9	63	392.4
A	Feb 2010	400	7.2	1103.21	11780	288	0.00	1044.0	152.7	63	381.5
L	Mar 2010	889	14.5	1100.66	11550	-230	0.00	1272.0	353.9	75	398.0
*	Apr 2010	933	15.7	1098.00	11313	-237	0.00	1392.0	370.4	82	397.0
	May 2010	988	16.1	1093.87	10950	-363	444.33	1371.0	394.6	82	399.4
	Jun 2010	969	16.3	1089.30	10556	-394	438.66	1512.0	379.8	94	391.9
	Jul 2010	870	14.2	1088.22	10464	-92	435.70	1600.0	345.2	100	396.7
	Aug 2010	845	13.7	1087.83	10431	-33	435.46	1599.0	333.9	100	395.2
	Sep 2010	734	12.3	1084.86	10180	-251	434.93	1583.0	286.0	100	389.9
	WY 2010	9169							3601.7		
	Oct 2010	531	8.6	1084.21	10125	-55	437.25	1286.0	202.6	81	381.9
	Nov 2010	766	12.9	1084.46	10146	21	439.56	1280.0	305.6	81	398.8
	Dec 2010	630	10.2	1088.07	10451	305	438.11	1401.0	246.1	87	391.0
	Jan 2011	689	11.2	1091.89	10778	327	440.33	1307.0	270.6	80	392.5
	Feb 2011	675	12.1	1095.28	11072	295	442.12	1442.0	267.7	88	396.9
	Mar 2011	1010	16.4	1094.56	11010	-63	443.04	1438.0	401.9	88	397.9
	Apr 2011	1146	19.3	1093.12	10884	-125	440.89	1535.0	462.1	94	403.4
	May 2011	992	16.1	1094.28	10985	100	440.10	1638.0	388.1	100	391.2
	Jun 2011	848	14.2	1096.61	11189	205	442.16	1650.0	341.4	100	402.6
	Jul 2011	895	14.6	1099.11	11412	222	445.05	1664.0	355.8	100	397.4
	Aug 2011	818	13.3	1102.12	11682	270	447.95	1681.0	330.7	100	404.3
	Sep 2011	688	11.6	1102.22	11690	9	450.63	1675.0	274.7	100	399.3
	WY 2011	9687							3847.3		
	Oct 2011	472	7.7	1104.68	11915	224	456.04	1365.2	189.9	82	402.4
	Nov 2011	582	9.8	1104.69	11915	1	458.99	1352.4	235.8	81	405.5
	Dec 2011	564	9.2	1107.08	12135	219	457.76	1437.5	225.7	86	400.0
	Jan 2012	683	11.1	1109.09	12321	187	458.32	1345.6	277.4	80	406.1
	Feb 2012	668	11.6	1109.27	12338	17	458.41	1345.0	273.0	80	408.8
	Mar 2012	1003	16.3	1105.57	11995	-343	455.46	1466.3	409.1	88	407.8
	Apr 2012	1138	19.1	1100.07	11497	-498	450.49	1465.8	470.3	88	413.2

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Davis Dam - Lake Mohave

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Davis Static Head Feet	Davis Generator Capacity MW	Davis Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	May 2009	916	14.9	644.36	1736	34	0.00	255.0	115.6	100	126.3
H	Jun 2009	788	13.2	641.92	1669	-67	0.00	255.0	99.5	100	126.2
I	Jul 2009	835	13.6	641.37	1654	-15	0.00	255.0	101.8	100	121.9
S	Aug 2009	756	12.3	641.90	1669	14	0.00	255.0	94.4	100	124.8
T	Sep 2009	726	12.2	635.60	1501	-167	0.00	255.0	89.2	100	122.8
	WY 2009	9008							1106.2		
O	Oct 2009	623	10.1	634.34	1469	-33	0.00	216.8	74.2	85	119.1
R	Nov 2009	590	9.9	635.61	1502	33	0.00	186.2	70.9	73	120.3
I	Dec 2009	532	8.7	638.68	1582	81	0.00	188.7	65.9	74	123.8
C	Jan 2010	456	7.4	644.34	1736	153	0.00	204.0	57.9	80	127.1
A	Feb 2010	442	8.0	642.31	1680	-56	0.00	216.8	56.9	85	128.6
L	Mar 2010	862	14.0	642.17	1676	-4	0.00	249.9	109.8	98	127.5
*	Apr 2010	878	14.8	642.94	1697	21	0.00	255.0	111.0	100	126.4
	May 2010	955	15.5	643.00	1699	2	136.01	255.0	119.4	100	125.1
	Jun 2010	941	15.8	643.00	1699	0	136.04	255.0	117.7	100	125.0
	Jul 2010	889	14.5	641.50	1658	-41	135.25	255.0	110.9	100	124.8
	Aug 2010	819	13.3	641.50	1658	0	134.46	255.0	101.9	100	124.5
	Sep 2010	810	13.6	638.00	1564	-94	132.63	255.0	99.5	100	122.8
	WY 2010	8796							1096.0		
	Oct 2010	715	11.6	630.49	1371	-193	127.33	237.2	84.7	93	118.5
	Nov 2010	632	10.6	635.00	1486	115	125.82	234.6	74.3	92	117.5
	Dec 2010	511	8.3	638.71	1583	97	130.00	239.7	62.4	94	122.1
	Jan 2011	583	9.5	641.80	1666	83	134.16	219.3	72.7	86	124.7
	Feb 2011	660	11.9	641.80	1666	0	135.05	244.8	82.7	96	125.2
	Mar 2011	949	15.4	643.05	1700	34	135.44	255.0	118.3	100	124.6
	Apr 2011	1116	18.7	643.00	1699	-2	136.07	255.0	138.6	100	124.2
	May 2011	960	15.6	643.00	1699	0	136.04	255.0	120.1	100	125.1
	Jun 2011	847	14.2	642.00	1671	-27	135.51	255.0	106.0	100	125.1
	Jul 2011	887	14.4	641.50	1658	-14	134.73	255.0	110.3	100	124.3
	Aug 2011	792	12.9	641.50	1658	0	134.46	255.0	98.7	100	124.6
	Sep 2011	765	12.8	638.00	1564	-94	132.63	255.0	94.1	100	123.1
	WY 2011	9417							1162.8		
	Oct 2011	593	9.6	633.00	1434	-130	128.65	237.2	71.3	93	120.4
	Nov 2011	511	8.6	635.00	1486	51	127.14	234.6	61.0	92	119.4
	Dec 2011	445	7.2	638.71	1583	97	130.00	239.7	54.6	94	122.5
	Jan 2012	577	9.4	641.80	1666	83	134.16	219.3	72.0	86	124.7
	Feb 2012	653	11.4	641.80	1666	0	135.05	244.8	81.9	96	125.4
	Mar 2012	942	15.3	643.05	1700	34	135.44	255.0	117.5	100	124.7
	Apr 2012	1108	18.6	643.00	1699	-2	136.07	255.0	137.6	100	124.2

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T E M R E S E R V O I R S

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Parker Dam - Lake Havasu

	Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Parker Static Head Feet	Parker Generator Capacity MW	Parker Gross Energy MKWH	Percent Of Units Available	KWH/AF
* May 2009	647	10.5	448.71	594	-1	0.00	120.0	44.9	100	69.4
H Jun 2009	595	10.0	448.49	590	-4	0.00	120.0	41.3	100	69.5
I Jul 2009	655	10.6	448.11	582	-7	0.00	120.0	43.4	100	66.3
S Aug 2009	582	9.5	448.19	584	2	0.00	118.8	39.9	99	68.6
T Sep 2009	505	8.5	447.16	564	-19	0.00	87.6	35.0	73	69.2
WY 2009	6347							433.2		
O Oct 2009	446	7.2	448.03	581	16	0.00	90.0	30.5	75	68.5
R Nov 2009	365	6.1	447.61	573	-8	0.00	66.0	25.9	55	71.0
I Dec 2009	301	4.9	447.34	568	-5	0.00	76.8	20.2	64	67.1
C Jan 2010	233	3.8	448.89	597	29	0.00	66.0	15.6	55	66.8
A Feb 2010	331	6.0	446.29	548	-49	0.00	90.0	22.8	75	68.8
L Mar 2010	668	10.9	447.15	564	16	0.00	90.0	45.4	75	67.9
* Apr 2010	670	11.3	448.61	592	28	0.00	90.0	46.8	75	69.8
May 2010	660	10.7	448.70	593	2	76.21	115.2	43.9	96	66.5
Jun 2010	663	11.1	448.70	593	0	76.05	120.0	44.0	100	66.4
Jul 2010	720	11.7	448.00	580	-13	75.71	120.0	47.7	100	66.3
Aug 2010	616	10.0	447.50	571	-10	75.13	120.0	40.4	100	65.5
Sep 2010	534	9.0	446.81	557	-13	74.55	120.0	34.6	100	64.8
WY 2010	6207							417.8		
Oct 2010	450	7.3	446.31	548	-9	73.97	120.0	28.7	100	63.9
Nov 2010	378	6.4	446.50	552	3	75.04	93.6	24.4	78	64.4
Dec 2010	286	4.7	446.50	552	0	74.66	103.2	18.0	86	62.9
Jan 2011	348	5.7	446.50	552	0	75.01	96.0	22.3	80	64.0
Feb 2011	445	8.0	446.50	552	0	74.71	102.0	28.8	85	64.8
Mar 2011	705	11.5	446.70	555	4	74.01	120.0	45.8	100	64.9
Apr 2011	815	13.7	448.70	593	38	75.08	120.0	53.8	100	66.1
May 2011	694	11.3	448.70	593	0	76.05	120.0	46.1	100	66.5
Jun 2011	643	10.8	448.70	593	0	76.05	120.0	42.6	100	66.4
Jul 2011	716	11.7	448.00	580	-13	75.71	120.0	47.5	100	66.3
Aug 2011	630	10.2	447.50	571	-10	75.13	120.0	41.3	100	65.6
Sep 2011	549	9.2	446.81	557	-13	74.55	120.0	35.7	100	64.9
WY 2011	6660							435.1		
Oct 2011	456	7.4	446.31	548	-9	73.97	120.0	29.2	100	64.0
Nov 2011	372	6.3	446.50	552	3	75.04	93.6	24.0	78	64.4
Dec 2011	297	4.8	446.50	552	0	74.66	103.2	18.7	86	63.0
Jan 2012	349	5.7	446.50	552	0	75.01	96.0	22.3	80	64.0
Feb 2012	446	7.8	446.50	552	0	74.71	102.0	28.9	85	64.7
Mar 2012	705	11.5	446.70	555	4	74.01	120.0	45.8	100	64.9
Apr 2012	814	13.7	448.70	593	38	75.08	120.0	53.8	100	66.1

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T Y M R E S E R V O I R S

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Upper Basin Power

		Glen Canyon 1000 MWHR	Flam Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Res 1000 MWHR	Font Res 1000 MWHR
*	May 2009	256	57	33	55	23	4
H	Jun 2009	301	38	54	66	22	8
I	Jul 2009	371	47	45	53	22	8
S	Aug 2009	368	50	39	46	23	9
T	Sep 2009	275	48	28	35	20	6
	Summer 2009	1572	240	199	254	109	35
O	Oct 2009	285	44	24	28	14	4
R	Nov 2009	309	42	8	9	4	0
I	Dec 2009	403	42	13	17	9	0
C	Jan 2010	401	43	12	16	8	3
A	Feb 2010	279	34	11	14	4	3
L	Mar 2010	269	23	9	11	6	3
	Winter 2010	1945	228	77	95	46	13
*	Apr 2010	265	19	13	19	13	3
	May 2010	249	44	35	47	23	3
	Jun 2010	252	44	17	27	17	4
	Jul 2010	340	22	34	41	21	5
	Aug 2010	338	22	34	41	21	5
	Sep 2010	201	22	25	31	16	4
	Summer 2010	1645	173	158	206	110	23
	Oct 2010	207	22	17	22	12	5
	Nov 2010	336	22	9	11	6	6
	Dec 2010	396	22	22	28	14	6
	Jan 2011	393	22	26	34	17	5
	Feb 2011	369	20	17	23	12	4
	Mar 2011	367	22	12	17	9	5
	Winter 2011	2067	131	104	134	70	31
	Apr 2011	406	22	14	22	13	5
	May 2011	447	45	22	36	23	7
	Jun 2011	464	67	21	32	22	9
	Jul 2011	489	42	35	42	23	10
	Aug 2011	460	42	38	45	23	10
	Sep 2011	296	41	35	42	21	3
	Summer 2011	2562	258	165	219	125	44
	Oct 2011	305	42	20	24	13	6
	Nov 2011	247	40	11	14	7	6
	Dec 2011	329	42	29	36	18	6
	Jan 2012	327	42	27	34	17	5
	Feb 2012	244	39	18	23	12	5
	Mar 2012	244	42	12	17	9	5
	Winter 2012	1695	246	116	148	77	32
	Apr 2012	244	40	14	22	13	5

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model_run_id = 2058

F L O O D C O N T R O L C R I T E R I A
B E G I N N I N G O F M O N T H C O N D I T I O N S

MON	YEAR	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	LAKE POWELL KAF	UPPER BASIN TOTAL KAF	LAKE MEAD KAF	TOTAL KAF	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	TOT OR MAX ALLOW KAF	LAKE POWELL KAF	LAKE MEAD KAF	TOTAL KAF	BOM SPACE REQD KAF	MEAD SCHED REL KAF	MEAD FC REL KAF	SYS CONT MAF
		* * * * P R E D I C T E D S P A C E * * * *										* * * * E F F E C T I V E S P A C E * * * *							
MAY	2010	743	242	312	10504	11801	16064	27865	118	183	259	560	10504	16064	27128	1500	988	0	33.4
JUN	2010	765	222	237	9805	11029	16427	27457	134	158	151	443	9805	16427	26676	1500	969	0	34.1
JUL	2010	681	66	156	8965	9868	16821	26689	39	-21	22	40	8965	16821	25826	1500	870	0	33.9
												* * * * C R E D I T A B L E S P A C E * * * *							
AUG	2010	658	83	185	8985	9911	16913	26824	658	83	185	926	8985	16913	26824	1500	845	0	33.5
SEP	2010	671	135	219	9290	10316	16946	27262	671	135	219	1026	9290	16946	27262	2270	734	0	33.0
OCT	2010	696	179	227	9339	10440	17197	27637	696	179	227	1101	9339	17197	27637	3040	531	0	32.7
NOV	2010	707	202	221	9333	10462	17252	27714	707	202	221	1129	9333	17252	27714	3810	766	0	32.6
DEC	2010	720	199	221	9620	10761	17231	27992	720	199	221	1141	9620	17231	27992	4580	630	0	32.4
JAN	2011	748	248	229	10068	11293	16926	28220	748	248	229	1226	10068	16926	28220	5350	689	0	32.3
												* * * * E F F E C T I V E S P A C E * * * *							
JAN	2011	748	248	229	10068	11293	16926	28220	559	248	118	925	10068	16926	27919	5350	689	0	32.3
FEB	2011	772	313	239	10511	11835	16599	28435	580	313	127	1020	10511	16599	28130	1500	675	0	32.1
MAR	2011	786	350	238	10945	12319	16305	28623	590	350	125	1064	10945	16305	28314	1500	1010	0	31.8
APR	2011	749	357	189	11290	12585	16367	28953	548	357	70	975	11290	16367	28632	1500	1146	0	31.6
MAY	2011	675	336	172	11485	12669	16493	29161	465	336	34	835	11485	16493	28813	1500	992	0	32.7
JUN	2011	545	212	202	10799	11759	16392	28151	323	212	31	567	10799	16392	27758	1500	848	0	34.3
JUL	2011	343	36	268	9633	10280	16188	26467	106	11	48	164	9633	16188	25985	1500	895	0	34.6
												* * * * C R E D I T A B L E S P A C E * * * *							
AUG	2011	256	27	271	9624	10179	15965	26144	256	27	271	554	9624	15965	26144	1500	818	0	34.3
SEP	2011	289	77	284	10079	10729	15695	26425	289	77	284	650	10079	15695	26425	2270	688	0	33.9
OCT	2011	352	146	286	10236	11021	15687	26708	352	146	286	785	10236	15687	26708	3040	472	0	33.8
NOV	2011	414	172	282	10401	11270	15462	26732	414	172	282	869	10401	15462	26732	3810	582	0	33.7
DEC	2011	476	177	282	10448	11384	15462	26846	476	177	282	936	10448	15462	26846	4580	564	0	33.6
JAN	2012	555	248	291	10687	11781	15242	27024	555	248	291	1095	10687	15242	27024	5350	683	0	33.5
												* * * * E F F E C T I V E S P A C E * * * *							
JAN	2012	555	248	291	10687	11781	15242	27024	289	248	162	700	10687	15242	26629	5350	683	0	33.5
FEB	2012	629	314	302	10942	12186	15056	27242	362	314	172	848	10942	15056	26845	1500	668	0	33.3
MAR	2012	690	352	301	11038	12381	15039	27419	422	352	170	943	11038	15039	27020	1500	1003	0	33.0
APR	2012	704	359	285	11029	12377	15382	27758	432	359	148	939	11029	15382	27350	1500	1138	0	32.8

To: All Annual Operating Plan Recipients

From: Lower Colorado Region
Boulder Canyon Operations Office
River Operations Group
Bruce Williams
P.O. Box 61470
Boulder City, NV 89006-1470
Phone: 702-293-8571

The operation of Lake Powell and Lake Mead in this June 2010 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines), and reflects the 2010 Annual Operating Plan (AOP). Pursuant to the Interim Guidelines, the August 2009 24-Month Study projections of the January 1, 2010 system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead.

The Lake Powell operational tier for water year 2010 is the Upper Elevation Balancing Tier. The Intentionally Created Surplus (ICS) Surplus condition is the criterion governing the operation of Lake Mead for calendar year 2010.

The April 2010 24-Month study projected the end of water year elevation at Lake Powell to be below the Equalization level of 3642 feet and the projected end of water year 2010 elevation at Lake Mead to be above elevation 1075 feet. Pursuant to Sections 6.B.1. and 6.B.4. of the Interim Guidelines, the annual release volume will be 8.23 million acre-feet from Glen Canyon Dam during water year 2010 which is reflected in the June 24-Month Study.

The Interim Guidelines are available for download at http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf. The 2010 AOP is available for download at http://www.usbr.gov/lc/region/g4000/AOP2010/AOP10.pdf.

Current runoff projections into Lake Powell are provided by the National Weather Service's Colorado Basin River Forecast Center and are as follows: Observed unregulated inflow into Lake Powell for the month of May 2010 was 1.43 maf or 62% of the 30-year average. The forecast for June 2010 unregulated inflow into Lake Powell is 2.05 maf or 66% of the 30-year average. The forecast for the 2010 April through July unregulated inflow is 5.15 maf or 65% of average.

In this study, the Calendar Year (CY) 2010 diversion for Metropolitan Water District of Southern California (MWD) is forecasted to be 1.077 maf. The CY 2010 diversion for the Central Arizona Project (CAP) is forecasted to be 1.689 maf. Consumptive use for Nevada above Hoover is forecasted to be 0.234 maf for CY 2010.

Due to declining Lake Mead elevations, Hoover's generator capacity is adjusted based on estimated effective capacity and plant availability. The estimated effective capacity is based on projected Lake Mead elevations. Unit capacity tests will be performed as the lake elevation changes in 2-foot increments. This study reflects these changes in the projections.

Hoover, Davis, and Parker historical gross energy figures come from PO&M reports provided by the Lower Colorado Region's Power Management Office, Bureau of Reclamation, Boulder City, Nevada. Questions regarding these historical energy numbers can be directed to Larry Karr at (702) 293-8094.

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T E M R E S E R V O I R S

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Fontenelle Reservoir

		Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Jun 2009	477	3	91	285	376	6504.01	330
H	Jul 2009	247	3	88	145	233	6505.36	341
I	Aug 2009	72	2	98	6	104	6500.99	306
S	Sep 2009	37	2	66	0	66	6496.84	276
	WY 2009	1295	15	773	485	1258		
T	Oct 2009	48	1	51	11	62	6494.68	260
O	Nov 2009	42	1	0	62	62	6491.61	239
R	Dec 2009	31	1	0	70	71	6485.42	198
I	Jan 2010	28	1	38	30	69	6478.10	157
C	Feb 2010	23	0	55	0	55	6471.41	125
A	Mar 2010	43	0	56	0	56	6468.40	112
L	Apr 2010	63	1	47	1	48	6471.88	127
*	May 2010	40	1	49	0	49	6469.44	117
	Jun 2010	205	2	48	0	48	6496.37	272
	Jul 2010	105	3	49	0	49	6503.45	325
	Aug 2010	50	2	49	0	49	6503.26	324
	Sep 2010	36	2	39	27	66	6499.06	292
	WY 2010	714	14	481	202	683		
	Oct 2010	42	1	55	13	68	6495.32	265
	Nov 2010	41	1	66	0	66	6491.70	239
	Dec 2010	32	1	68	0	68	6486.07	203
	Jan 2011	30	1	68	0	68	6479.49	164
	Feb 2011	28	0	62	0	62	6472.41	130
	Mar 2011	52	0	68	0	68	6468.42	113
	Apr 2011	89	1	83	0	83	6469.72	118
	May 2011	176	1	99	5	105	6483.74	188
	Jun 2011	307	2	103	90	193	6500.11	300
	Jul 2011	185	3	101	38	138	6505.79	344
	Aug 2011	82	2	100	8	108	6502.28	316
	Sep 2011	48	2	37	31	68	6499.51	295
	WY 2011	1114	15	910	186	1096		
	Oct 2011	49	1	70	0	70	6496.41	273
	Nov 2011	41	1	68	0	68	6492.57	245
	Dec 2011	32	1	70	0	70	6486.72	207
	Jan 2012	30	1	70	0	70	6479.93	166
	Feb 2012	29	0	66	0	66	6472.26	129
	Mar 2012	52	0	70	0	70	6467.81	110
	Apr 2012	89	1	83	0	83	6469.13	115
	May 2012	176	1	86	0	86	6486.32	204

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Flaming Gorge Reservoir

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Yampa Flow 1000 Ac-Ft	Jensen Flow 1000 Ac-Ft
*	Jun 2009	573	472	10	96	0	96	134	6029.83	3357	516	624
H	Jul 2009	284	271	14	117	0	117	140	6033.29	3478	110	246
I	Aug 2009	74	106	13	124	0	124	139	6032.53	3448	21	156
S	Sep 2009	45	74	11	120	0	120	136	6031.12	3392	14	144
	WY 2009	1564	1527	79	1065	0	1065					3031
T	Oct 2009	45	59	7	109	0	109	134	6029.69	3337	0	152
O	Nov 2009	47	67	4	104	0	104	133	6028.67	3298	0	143
R	Dec 2009	19	59	2	107	1	108	131	6027.38	3249	0	504
I	Jan 2010	27	68	2	109	0	109	129	6026.29	3208	0	669
C	Feb 2010	29	61	2	87	0	87	128	6025.55	3181	0	111
A	Mar 2010	69	81	3	60	0	60	129	6026.01	3198	0	118
L	Apr 2010	96	81	5	49	0	49	130	6026.69	3223	206	240
*	May 2010	72	81	8	101	0	101	129	6025.97	3196	507	551
	Jun 2010	265	108	10	142	0	142	127	6024.82	3154	0	142
	Jul 2010	145	89	13	98	0	98	126	6024.24	3132	0	98
	Aug 2010	60	59	12	98	0	98	124	6022.89	3083	0	98
	Sep 2010	44	74	11	95	0	95	123	6022.04	3052	0	95
	WY 2010	918	887	79	1161	1	1162					2923
	Oct 2010	51	77	7	68	0	68	123	6022.11	3055	0	68
	Nov 2010	51	75	3	59	0	59	123	6022.45	3067	0	59
	Dec 2010	36	72	2	61	0	61	124	6022.69	3076	0	61
	Jan 2011	41	79	2	61	0	61	124	6023.10	3091	0	61
	Feb 2011	45	79	2	56	0	56	125	6023.67	3112	0	56
	Mar 2011	103	120	3	61	0	61	127	6025.13	3165	0	61
	Apr 2011	142	136	5	59	0	59	130	6026.98	3234	0	59
	May 2011	263	192	8	119	0	119	133	6028.63	3296	0	119
	Jun 2011	400	286	11	193	0	193	136	6030.68	3375	0	193
	Jul 2011	219	172	14	114	0	114	137	6031.78	3418	0	114
	Aug 2011	96	122	13	114	0	114	137	6031.66	3414	0	114
	Sep 2011	58	78	11	110	0	110	136	6030.58	3372	0	110
	WY 2011	1507	1489	80	1077	0	1077					1077
	Oct 2011	59	80	7	114	0	114	134	6029.57	3332	0	114
	Nov 2011	51	77	3	110	0	110	133	6028.65	3297	0	110
	Dec 2011	36	74	2	114	0	114	131	6027.60	3257	0	114
	Jan 2012	41	81	2	114	0	114	130	6026.71	3224	0	114
	Feb 2012	47	84	2	106	0	106	129	6026.08	3200	0	106
	Mar 2012	103	122	3	114	0	114	129	6026.21	3205	0	114
	Apr 2012	142	136	5	110	0	110	130	6026.75	3225	0	110
	May 2012	263	173	8	138	0	138	131	6027.47	3252	0	138

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T E M R E S E R V O I R S

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Taylor Park Reservoir

		Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Jun 2009	37	35	9329.45	105
H	Jul 2009	16	26	9324.35	95
I	Aug 2009	7	19	9317.78	83
S	Sep 2009	6	15	9312.44	74
	WY 2009	153	151		
T	Oct 2009	7	8	9311.60	72
O	Nov 2009	5	6	9310.68	71
R	Dec 2009	4	6	9309.18	69
I	Jan 2010	4	6	9307.90	67
C	Feb 2010	4	6	9306.55	65
A	Mar 2010	4	6	9305.31	63
L	Apr 2010	10	0	9308.40	67
*	May 2010	22	9	9316.36	80
	Jun 2010	32	16	9324.90	96
	Jul 2010	10	19	9320.18	87
	Aug 2010	7	19	9313.01	75
	Sep 2010	5	14	9307.58	66
	WY 2010	113	115		
	Oct 2010	5	6	9307.21	66
	Nov 2010	5	6	9306.51	64
	Dec 2010	4	6	9305.50	63
	Jan 2011	4	6	9304.26	61
	Feb 2011	4	6	9302.68	59
	Mar 2011	4	6	9301.43	57
	Apr 2011	8	8	9302.02	58
	May 2011	27	10	9313.22	75
	Jun 2011	43	18	9326.91	100
	Jul 2011	20	20	9327.12	100
	Aug 2011	10	22	9320.83	88
	Sep 2011	7	15	9316.33	80
	WY 2011	143	128		
	Oct 2011	6	10	9314.08	77
	Nov 2011	5	6	9313.45	76
	Dec 2011	4	6	9312.54	74
	Jan 2012	4	6	9311.43	72
	Feb 2012	4	6	9310.09	70
	Mar 2012	4	6	9308.98	68
	Apr 2012	8	8	9309.19	69
	May 2012	27	16	9315.97	80

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Blue Mesa Reservoir

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Jun 2009	229	227	1	172	3	175	7519.02	826
H	Jul 2009	95	105	2	144	0	144	7514.49	785
I	Aug 2009	42	54	1	128	0	128	7505.79	710
S	Sep 2009	26	35	1	93	0	93	7498.71	651
	WY 2009	1017	1016	9	993	13	1006		
T	Oct 2009	33	34	1	81	0	81	7492.82	603
O	Nov 2009	27	28	0	28	0	28	7492.84	604
R	Dec 2009	21	23	0	47	0	47	7489.73	579
I	Jan 2010	22	24	0	43	0	43	7487.22	560
C	Feb 2010	22	24	0	38	0	38	7485.33	546
A	Mar 2010	29	30	0	33	0	33	7484.88	542
L	Apr 2010	96	92	1	45	0	45	7490.80	588
*	May 2010	143	131	1	110	6	116	7492.59	602
	Jun 2010	200	184	1	58	0	58	7507.77	727
	Jul 2010	60	69	1	98	0	98	7504.16	696
	Aug 2010	40	52	1	100	0	100	7498.29	647
	Sep 2010	28	36	1	84	0	84	7492.24	599
	WY 2010	720	729	9	767	6	772		
	Oct 2010	31	32	1	56	0	56	7489.10	574
	Nov 2010	31	32	0	26	0	26	7489.85	580
	Dec 2010	25	27	0	27	0	27	7489.78	580
	Jan 2011	24	26	0	60	0	60	7485.30	545
	Feb 2011	22	24	0	75	0	75	7478.38	494
	Mar 2011	34	36	0	53	0	53	7475.93	477
	Apr 2011	73	72	1	51	0	51	7478.84	498
	May 2011	212	195	1	74	0	74	7494.58	617
	Jun 2011	271	246	1	68	0	68	7515.48	794
	Jul 2011	121	120	2	110	0	110	7516.40	802
	Aug 2011	62	74	1	122	0	122	7510.81	753
	Sep 2011	36	44	1	113	0	113	7502.63	683
	WY 2011	942	928	9	835	0	835		
	Oct 2011	36	39	1	65	0	65	7499.48	657
	Nov 2011	31	32	0	36	0	36	7498.91	652
	Dec 2011	25	27	0	97	0	97	7490.00	581
	Jan 2012	24	26	0	92	0	92	7481.30	515
	Feb 2012	23	25	0	62	0	62	7476.10	478
	Mar 2012	34	36	0	43	0	43	7475.04	471
	Apr 2012	73	73	1	50	0	50	7478.17	493
	May 2012	212	201	1	82	0	82	7493.79	611

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Morrow Point Reservoir

		Unreg Inflow 1000 Ac-Ft	Blue_Mesa Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Evap losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Jun 2009	241	175	12	188	0	184	0	184	7158.19	116
H	Jul 2009	97	144	2	146	0	148	0	148	7155.33	113
I	Aug 2009	42	128	0	128	0	129	0	129	7154.90	113
S	Sep 2009	27	93	1	94	0	100	0	100	7146.95	107
	WY 2009	1088	1006	70	1076	1	1074	9	1082		
T	Oct 2009	34	81	1	82	0	81	0	81	7148.23	108
O	Nov 2009	29	28	2	30	0	27	0	27	7152.38	111
R	Dec 2009	22	47	1	48	0	47	0	47	7153.12	112
I	Jan 2010	24	43	2	45	0	47	0	47	7150.49	109
C	Feb 2010	22	38	1	38	0	41	0	41	7147.10	107
A	Mar 2010	29	33	1	34	0	34	0	34	7147.29	107
L	Apr 2010	107	45	11	57	0	55	0	55	7149.84	109
*	May 2010	159	116	16	132	0	129	0	129	7154.46	113
	Jun 2010	215	58	15	73	0	74	0	74	7153.73	112
	Jul 2010	63	98	3	101	0	101	0	101	7153.73	112
	Aug 2010	42	100	2	102	0	102	0	102	7153.73	112
	Sep 2010	30	84	2	86	0	86	0	86	7153.73	112
	WY 2010	777	772	57	830	0	824	0	824		
	Oct 2010	34	56	2	58	0	58	0	58	7153.73	112
	Nov 2010	33	26	2	28	0	28	0	28	7153.73	112
	Dec 2010	27	27	2	29	0	29	0	29	7153.73	112
	Jan 2011	26	60	2	62	0	62	0	62	7153.73	112
	Feb 2011	25	75	3	78	0	78	0	78	7153.73	112
	Mar 2011	38	53	4	57	0	57	0	57	7153.73	112
	Apr 2011	84	51	11	62	0	62	0	62	7153.73	112
	May 2011	237	74	25	99	0	99	0	99	7153.73	112
	Jun 2011	292	68	21	89	0	89	0	89	7153.73	112
	Jul 2011	127	110	7	117	0	117	0	117	7153.73	112
	Aug 2011	65	122	4	126	0	126	0	126	7153.73	112
	Sep 2011	39	113	3	116	0	116	0	116	7153.73	112
	WY 2011	1028	835	86	921	0	921	0	921		
	Oct 2011	38	65	3	68	0	68	0	68	7153.73	112
	Nov 2011	33	36	2	38	0	38	0	38	7153.73	112
	Dec 2011	27	97	2	100	0	100	0	100	7153.73	112
	Jan 2012	26	92	2	94	0	94	0	94	7153.73	112
	Feb 2012	26	62	3	65	0	65	0	65	7153.73	112
	Mar 2012	38	43	4	47	0	47	0	47	7153.73	112
	Apr 2012	84	50	11	61	0	61	0	61	7153.73	112
	May 2012	237	82	25	107	0	107	0	107	7153.73	112

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Crystal Reservoir

	unreg Inflow 1000 Ac-Ft	Morrow Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Tunnel Flow 1000 Ac-Ft	Below_tunnel Flow 1000 Ac-Ft
* Jun 2009	264	184	23	207	116	91	207	6753.30	17	59	157
H Jul 2009	104	148	7	156	128	30	158	6743.22	14	68	101
I Aug 2009	44	129	2	131	130	0	130	6746.30	15	74	71
S Sep 2009	29	100	2	102	102	0	102	6746.55	15	72	46
WY 2009	1209	1082	121	1204	964	238	1202			431	853
T Oct 2009	36	81	3	84	72	10	82	6751.89	17	60	36
O Nov 2009	32	27	3	29	31	0	31	6747.51	15	1	31
R Dec 2009	25	47	3	51	52	0	52	6743.59	14	1	53
I Jan 2010	26	47	3	50	49	0	49	6745.38	15	1	50
C Feb 2010	25	41	3	44	25	17	42	6751.67	17	1	43
A Mar 2010	33	34	4	38	38	0	38	6751.84	17	1	38
L Apr 2010	118	55	11	66	66	0	66	6750.96	16	34	34
* May 2010	179	129	20	148	108	39	148	6752.53	17	60	91
Jun 2010	240	74	25	99	98	0	98	6753.04	17	60	38
Jul 2010	70	101	7	108	108	0	108	6753.04	17	65	43
Aug 2010	48	102	6	108	108	0	108	6753.04	17	65	43
Sep 2010	35	86	5	91	91	0	91	6753.04	17	55	36
WY 2010	868	824	91	915	846	67	913			404	537
Oct 2010	39	58	6	64	64	0	64	6753.04	17	30	34
Nov 2010	38	28	5	33	33	0	33	6753.04	17	0	33
Dec 2010	32	29	5	34	34	0	34	6753.04	17	0	34
Jan 2011	31	62	5	67	67	0	67	6753.04	17	0	67
Feb 2011	29	78	4	82	82	0	82	6753.04	17	0	82
Mar 2011	46	57	7	64	64	0	64	6753.04	17	5	59
Apr 2011	96	62	12	74	74	0	74	6753.04	17	30	44
May 2011	272	99	35	134	134	0	134	6753.04	17	55	79
Jun 2011	330	89	38	127	127	0	127	6753.04	17	60	67
Jul 2011	144	117	17	134	134	0	134	6753.04	17	65	69
Aug 2011	74	126	8	134	134	0	134	6753.04	17	65	69
Sep 2011	45	116	6	122	122	0	122	6753.04	17	55	67
WY 2011	1178	921	150	1070	1070	0	1070			365	705
Oct 2011	44	68	6	74	74	0	74	6753.04	17	30	44
Nov 2011	38	38	5	43	43	0	43	6753.04	17	0	43
Dec 2011	32	100	5	104	104	0	104	6753.04	17	0	104
Jan 2012	31	94	5	99	99	0	99	6753.04	17	0	99
Feb 2012	30	65	4	69	69	0	69	6753.04	17	0	69
Mar 2012	46	47	7	54	54	0	54	6753.04	17	5	49
Apr 2012	96	61	12	73	73	0	73	6753.04	17	30	43
May 2012	272	107	35	142	134	8	142	6753.04	17	55	87

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Vallecito Reservoir

		Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Jun 2009	44	43	7664.64	124
H	Jul 2009	19	39	7656.79	104
I	Aug 2009	8	39	7643.59	72
S	Sep 2009	8	30	7632.32	49
	WY 2009	237	254		
T	Oct 2009	8	13	7629.82	44
O	Nov 2009	4	3	7630.41	45
R	Dec 2009	4	3	7630.60	46
I	Jan 2010	4	3	7631.27	47
C	Feb 2010	3	4	7630.95	46
A	Mar 2010	3	8	7628.45	42
L	Apr 2010	27	4	7640.13	65
*	May 2010	69	20	7660.32	113
	Jun 2010	50	37	7664.79	125
	Jul 2010	15	40	7655.01	99
	Aug 2010	13	40	7643.36	72
	Sep 2010	13	30	7635.27	55
	WY 2010	214	205		
	Oct 2010	12	21	7630.47	46
	Nov 2010	8	6	7631.77	48
	Dec 2010	6	6	7631.67	48
	Jan 2011	5	5	7631.94	48
	Feb 2011	5	4	7632.15	49
	Mar 2011	8	8	7632.27	49
	Apr 2011	22	10	7638.06	60
	May 2011	69	33	7653.93	97
	Jun 2011	78	52	7663.78	122
	Jul 2011	31	43	7658.95	109
	Aug 2011	19	39	7650.79	89
	Sep 2011	17	29	7645.51	76
	WY 2011	281	256		
	Oct 2011	14	19	7643.07	71
	Nov 2011	8	6	7644.09	73
	Dec 2011	6	5	7644.69	75
	Jan 2012	5	5	7644.91	75
	Feb 2012	5	4	7645.07	75
	Mar 2012	8	5	7646.50	79
	Apr 2012	22	12	7650.60	88
	May 2012	69	48	7658.96	109

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Navajo Reservoir

		Mod_Unreg Inflow 1000 Ac-Ft	Azetea Tunnel_Div 1000 Ac-Ft	Reg Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	NIIP Diversion 1000 ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Farm Flow 1000 Ac-Ft
*	Jun 2009	146	24	120	5	36	115	6069.92	1479	181
H	Jul 2009	25	4	39	5	43	49	6065.70	1422	60
I	Aug 2009	-11	0	20	4	42	49	6059.96	1347	47
S	Sep 2009	5	0	28	3	22	37	6057.30	1314	39
	WY 2009	846	106	757	28	209	525			937
T	Oct 2009	16	0	21	2	13	37	6054.76	1283	45
O	Nov 2009	15	0	14	1	0	30	6053.34	1265	48
R	Dec 2009	13	0	12	1	0	32	6051.61	1245	48
I	Jan 2010	15	0	14	1	0	32	6050.04	1226	49
C	Feb 2010	16	0	16	1	0	27	6049.04	1214	43
A	Mar 2010	64	1	68	1	3	31	6051.78	1247	52
L	Apr 2010	222	22	179	2	12	28	6062.79	1384	75
*	May 2010	265	36	182	4	26	30	6071.80	1506	123
	Jun 2010	145	18	115	5	45	30	6074.30	1541	30
	Jul 2010	20	6	39	5	47	38	6070.68	1490	38
	Aug 2010	18	3	42	4	40	44	6067.34	1444	44
	Sep 2010	26	0	42	3	23	32	6066.18	1428	32
	WY 2010	834	85	745	29	210	392			628
	Oct 2010	32	2	40	2	8	31	6066.15	1428	31
	Nov 2010	33	0	30	1	0	30	6066.11	1427	30
	Dec 2010	24	0	24	1	0	31	6065.54	1420	31
	Jan 2011	22	0	21	1	0	31	6064.77	1410	31
	Feb 2011	30	0	30	1	0	28	6064.84	1411	28
	Mar 2011	88	2	86	2	4	31	6068.51	1460	31
	Apr 2011	174	16	146	3	17	34	6075.13	1553	34
	May 2011	279	33	209	4	29	200	6073.43	1529	200
	Jun 2011	246	29	191	5	44	212	6068.45	1459	212
	Jul 2011	74	7	79	5	47	31	6068.21	1456	31
	Aug 2011	43	3	61	4	40	31	6067.21	1442	31
	Sep 2011	42	1	53	3	22	30	6067.09	1441	30
	WY 2011	1088	93	970	30	210	718			718
	Oct 2011	40	1	44	2	8	31	6067.40	1445	31
	Nov 2011	33	0	30	1	0	30	6067.36	1444	30
	Dec 2011	24	0	22	1	0	31	6066.68	1435	31
	Jan 2012	22	0	21	1	0	31	6065.92	1425	31
	Feb 2012	31	0	31	1	0	29	6065.99	1426	29
	Mar 2012	88	2	83	2	4	61	6067.16	1442	61
	Apr 2012	174	16	148	3	17	60	6072.15	1511	60
	May 2012	279	33	224	4	29	200	6071.51	1502	200

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Lake Powell

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	PowerPlant Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Bank Storage 1000 Ac-Ft	EOM Storage 1000 Ac-Ft	Lees Ferry 1000 Ac-Ft
*	Jun 2009	2742	2258	54	664	0	664	3640.49	17432	16061	670
H	Jul 2009	1416	1241	67	803	0	803	3641.14	17726	16138	828
I	Aug 2009	334	547	66	802	0	802	3637.50	17834	15710	829
S	Sep 2009	274	479	59	598	0	598	3635.37	17902	15463	613
	WY 2009	10748	10232	437	8235	0	8235				8396
T	Oct 2009	360	526	41	620	0	620	3633.52	17979	15251	634
O	Nov 2009	421	495	39	692	0	692	3631.10	18018	14976	702
R	Dec 2009	308	437	30	901	0	901	3626.22	18066	14434	925
I	Jan 2010	302	425	9	900	0	900	3622.14	18023	13991	925
C	Feb 2010	294	384	10	631	0	631	3620.16	17978	13780	644
A	Mar 2010	477	474	17	602	0	602	3619.41	17912	13701	612
L	Apr 2010	944	717	26	602	0	602	3620.50	17886	13816	614
*	May 2010	1425	1250	32	601	0	601	3625.96	17913	14405	612
	Jun 2010	2050	1732	52	600	0	600	3634.87	17993	15406	600
	Jul 2010	720	783	64	803	0	803	3634.20	17987	15329	803
	Aug 2010	430	598	63	802	0	802	3632.03	17967	15081	802
	Sep 2010	386	523	58	476	0	476	3631.94	17967	15071	476
	WY 2010	8117	8342	439	8230	0	8230				8349
	Oct 2010	473	521	40	492	0	492	3631.85	17966	15061	492
	Nov 2010	523	524	38	800	0	800	3629.26	17943	14771	800
	Dec 2010	414	448	30	950	0	950	3624.80	17903	14278	950
	Jan 2011	384	450	9	950	0	950	3620.41	17865	13807	950
	Feb 2011	394	455	10	900	0	900	3616.41	17832	13386	900
	Mar 2011	628	553	16	900	0	900	3613.15	17805	13050	900
	Apr 2011	950	738	25	1000	0	1000	3610.54	17784	12784	1000
	May 2011	2161	1863	30	1100	0	1100	3617.14	17838	13463	1100
	Jun 2011	2811	2440	49	1105	0	1105	3628.21	17933	14654	1105
	Jul 2011	1346	1240	61	1145	0	1145	3628.50	17936	14686	1145
	Aug 2011	566	674	60	1094	0	1094	3624.45	17900	14241	1094
	Sep 2011	460	599	54	714	0	714	3623.00	17888	14084	714
	WY 2011	11110	10506	422	11150	0	11150				11150
	Oct 2011	514	597	37	738	0	738	3621.46	17874	13919	738
	Nov 2011	523	585	36	600	0	600	3621.02	17871	13872	600
	Dec 2011	414	571	28	800	0	800	3618.77	17852	13634	800
	Jan 2012	384	533	9	800	0	800	3616.34	17831	13379	800
	Feb 2012	408	505	9	600	0	600	3615.40	17824	13282	600
	Mar 2012	628	626	16	600	0	600	3615.49	17824	13291	600
	Apr 2012	950	813	26	600	0	600	3617.17	17838	13465	600
	May 2012	2161	1888	32	600	0	600	3627.99	17931	14629	600

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Hoover Dam - Lake Mead

		Glen Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release CFS	SNWP Use 1000 Ac-Ft	Dwnstrm Reqmnts 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
*	Jun 2009	664	11	56	750	12.6	25	748	720	1095.26	11071
H	Jul 2009	803	38	70	840	13.7	30	838	714	1094.20	10978
I	Aug 2009	802	59	74	801	13.0	30	792	711	1093.73	10938
S	Sep 2009	598	55	61	575	9.7	22	570	711	1093.68	10933
	WY 2009	8235	651	585	9210		242	9119			
T	Oct 2009	620	23	44	613	10.0	25	608	708	1093.26	10897
O	Nov 2009	692	39	44	648	10.9	15	647	710	1093.52	10919
R	Dec 2009	901	51	39	646	10.5	9	629	726	1096.30	11162
I	Jan 2010	900	124	32	634	10.3	6	578	747	1100.02	11493
C	Feb 2010	631	112	30	400	7.2	6	399	766	1103.21	11780
A	Mar 2010	602	87	33	889	14.5	12	868	751	1100.66	11550
L	Apr 2010	602	138	41	933	15.7	19	856	735	1098.00	11313
*	May 2010	601	89	47	961	15.6	30	933	714	1094.30	10987
	Jun 2010	600	28	55	987	16.6	22	987	687	1089.54	10576
	Jul 2010	803	61	68	899	14.6	24	899	680	1088.14	10457
	Aug 2010	802	106	72	827	13.5	25	827	679	1087.95	10441
	Sep 2010	476	71	59	733	12.3	21	733	662	1085.00	10191
	WY 2010	8230	929	565	9170		213	8963			
	Oct 2010	492	55	43	544	8.9	32	544	658	1084.19	10124
	Nov 2010	800	54	43	785	13.2	21	785	658	1084.24	10128
	Dec 2010	950	57	37	596	9.7	16	596	680	1088.23	10464
	Jan 2011	950	135	31	689	11.2	16	689	701	1092.05	10791
	Feb 2011	900	135	29	675	12.1	18	675	721	1095.43	11086
	Mar 2011	900	101	32	1010	16.4	25	1010	716	1094.71	11023
	Apr 2011	1000	71	40	1146	19.3	19	1146	708	1093.28	10898
	May 2011	1100	73	46	992	16.1	28	992	715	1094.43	10998
	Jun 2011	1105	28	56	848	14.2	26	848	727	1096.60	11188
	Jul 2011	1145	61	71	895	14.6	28	895	740	1098.84	11387
	Aug 2011	1094	106	76	818	13.3	29	818	757	1101.74	11647
	Sep 2011	714	71	63	688	11.6	24	688	758	1101.84	11656
	WY 2011	11150	946	567	9686		282	9686			
	Oct 2011	738	55	46	472	7.7	36	472	772	1104.31	11880
	Nov 2011	600	54	47	582	9.8	25	582	772	1104.32	11881
	Dec 2011	800	57	40	564	9.2	19	564	787	1106.71	12100
	Jan 2012	800	135	33	683	11.1	20	683	799	1108.73	12287
	Feb 2012	600	138	31	668	11.6	21	668	800	1108.91	12304
	Mar 2012	600	101	34	1003	16.3	28	1003	777	1105.20	11962
	Apr 2012	600	71	42	1138	19.1	22	1138	745	1099.69	11463
	May 2012	600	73	47	985	16.0	32	985	721	1095.56	11097

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Davis Dam - Lake Mohave

	Hoover Release 1000 Ac-Ft	Side inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Spill Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
* Jun 2009	750	-3	25	788	0	788	13.2	641.92	1669
H Jul 2009	840	5	25	835	0	835	13.6	641.37	1654
I Aug 2009	801	-8	23	756	0	756	12.3	641.90	1669
S Sep 2009	575	2	18	726	0	726	12.2	635.60	1501
WY 2009	9210	-123	197	9008	0	9008			
T Oct 2009	613	-8	14	623	0	623	10.1	634.34	1469
O Nov 2009	648	-15	10	590	0	590	9.9	635.61	1502
R Dec 2009	646	-24	9	532	0	532	8.7	638.68	1582
I Jan 2010	634	-15	10	456	0	456	7.4	644.34	1736
C Feb 2010	400	-4	10	442	0	442	8.0	642.31	1680
A Mar 2010	889	-18	13	862	0	862	14.0	642.17	1676
L Apr 2010	933	-17	17	878	0	878	14.8	642.94	1697
* May 2010	961	-19	22	937	0	937	15.2	642.30	1680
Jun 2010	987	-2	25	940	0	940	15.8	643.00	1699
Jul 2010	899	3	25	890	0	890	14.5	642.50	1685
Aug 2010	827	-3	23	828	0	828	13.5	641.50	1658
Sep 2010	733	1	18	809	0	809	13.6	638.00	1564
WY 2010	9170	-122	197	8788	0	8788			
Oct 2010	544	5	14	728	0	728	11.8	630.49	1371
Nov 2010	785	-9	10	651	0	651	10.9	635.00	1486
Dec 2010	596	-12	9	477	0	477	7.8	638.71	1583
Jan 2011	689	-13	10	583	0	583	9.5	641.80	1666
Feb 2011	675	-5	10	660	0	660	11.9	641.80	1666
Mar 2011	1010	-14	13	949	0	949	15.4	643.05	1700
Apr 2011	1146	-15	17	1116	0	1116	18.7	643.00	1699
May 2011	992	-10	22	960	0	960	15.6	643.00	1699
Jun 2011	848	-2	25	847	0	847	14.2	642.00	1671
Jul 2011	895	3	25	887	0	887	14.4	641.50	1658
Aug 2011	818	-3	23	792	0	792	12.9	641.50	1658
Sep 2011	688	1	18	765	0	765	12.8	638.00	1564
WY 2011	9686	-73	196	9416	0	9416			
Oct 2011	472	5	15	593	0	593	9.6	633.00	1434
Nov 2011	582	-9	10	511	0	511	8.6	635.00	1486
Dec 2011	564	-12	9	445	0	445	7.2	638.71	1583
Jan 2012	683	-13	10	577	0	577	9.4	641.80	1666
Feb 2012	668	-5	10	653	0	653	11.4	641.80	1666
Mar 2012	1003	-14	13	942	0	942	15.3	643.05	1700
Apr 2012	1138	-15	17	1108	0	1108	18.6	643.00	1699
May 2012	985	-10	22	953	0	953	15.5	643.00	1699

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Parker Dam - Lake Havasu

		Davis Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	MWD Diversion 1000 Ac-Ft	CAP diversion 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft	Flow_to Mexico 1000 Ac-Ft	Flow_to Mexico 1000 CFS
*	Jun 2009	788	20	16	595	10.0	98	94	448.49	590	113	1.9
H	Jul 2009	835	17	17	655	10.6	100	75	448.11	582	120	2.0
I	Aug 2009	756	24	17	582	9.5	100	70	448.19	584	101	1.6
S	Sep 2009	726	21	15	505	8.5	96	143	447.16	564	93	1.6
	WY 2009	9008	180	139	6347		1070	1602			1584	
T	Oct 2009	623	17	12	446	7.2	26	133	448.03	581	77	1.2
O	Nov 2009	590	32	9	365	6.1	107	144	447.61	573	103	1.7
R	Dec 2009	532	28	7	301	4.9	104	149	447.34	568	135	2.2
I	Jan 2010	456	41	6	233	3.8	99	126	448.89	597	174	2.8
C	Feb 2010	442	10	8	331	6.0	66	91	446.29	548	141	2.5
A	Mar 2010	862	55	9	668	10.9	90	128	447.15	564	233	3.8
L	Apr 2010	878	35	11	670	11.3	43	153	448.61	592	210	3.5
*	May 2010	937	25	13	662	10.8	103	172	448.83	596	114	1.9
	Jun 2010	940	7	16	644	10.8	104	172	448.70	593	112	1.9
	Jul 2010	890	14	17	720	11.7	109	57	448.00	580	118	1.9
	Aug 2010	828	20	17	617	10.0	109	102	447.50	571	92	1.5
	Sep 2010	809	13	15	534	9.0	105	172	446.81	557	89	1.5
	WY 2010	8788	296	140	6191		1067	1599			1599	
	Oct 2010	728	20	12	450	7.3	109	179	446.31	548	78	1.3
	Nov 2010	651	22	8	379	6.4	94	183	446.50	552	107	1.8
	Dec 2010	477	20	6	287	4.7	46	154	446.50	552	118	1.9
	Jan 2011	583	34	6	348	5.7	94	165	446.50	552	122	2.0
	Feb 2011	660	40	8	445	8.0	85	156	446.50	552	153	2.8
	Mar 2011	949	45	9	705	11.5	94	173	446.70	555	208	3.4
	Apr 2011	1116	15	11	815	13.7	92	166	448.70	593	200	3.4
	May 2011	960	11	13	694	11.3	94	158	448.70	593	111	1.8
	Jun 2011	847	7	16	643	10.8	92	90	448.70	593	112	1.9
	Jul 2011	887	14	17	716	11.7	94	72	448.00	580	118	1.9
	Aug 2011	792	20	17	630	10.2	94	68	447.50	571	92	1.5
	Sep 2011	765	13	15	549	9.2	70	147	446.81	557	89	1.5
	WY 2011	9416	260	139	6661		1057	1711			1509	
	Oct 2011	593	20	12	456	7.4	33	113	446.31	548	72	1.2
	Nov 2011	511	22	8	372	6.3	32	111	446.50	552	105	1.8
	Dec 2011	445	20	6	297	4.8	33	125	446.50	552	118	1.9
	Jan 2012	577	34	6	349	5.7	86	165	446.50	552	122	2.0
	Feb 2012	653	41	8	446	7.8	78	156	446.50	552	153	2.7
	Mar 2012	942	45	9	705	11.5	86	173	446.70	555	208	3.4
	Apr 2012	1108	15	11	814	13.7	84	166	448.70	593	200	3.4
	May 2012	953	11	13	694	11.3	87	158	448.70	593	111	1.8

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Hoover Dam - Lake Mead

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Hoover Static Head Feet	Hoover Generator Capacity MW	Hoover Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Jun 2009	750	12.6	1095.26	11071	-146	0.00	1641.0	287.2	100	383.1
H	Jul 2009	840	13.7	1094.20	10978	-93	0.00	1640.0	324.9	100	386.9
I	Aug 2009	801	13.0	1093.73	10938	-41	0.00	1648.0	307.5	100	383.8
S	Sep 2009	574	9.7	1093.68	10933	-4	0.00	1656.0	215.3	100	374.9
	WY 2009	9210							3592.3		
T	Oct 2009	613	10.0	1093.26	10897	-37	0.00	1158.0	235.5	70	384.4
O	Nov 2009	648	10.9	1093.52	10919	23	0.00	1358.0	251.9	82	388.7
R	Dec 2009	646	10.5	1096.30	11162	243	0.00	1037.0	248.8	63	385.3
I	Jan 2010	634	10.3	1100.02	11493	330	0.00	1050.0	248.9	63	392.4
C	Feb 2010	400	7.2	1103.21	11780	288	0.00	1044.0	152.7	63	381.5
A	Mar 2010	889	14.5	1100.66	11550	-230	0.00	1272.0	353.9	75	398.0
L	Apr 2010	933	15.7	1098.00	11313	-237	0.00	1392.0	370.4	82	397.0
*	May 2010	961	15.6	1094.30	10987	-326	0.00	1371.0	378.0	82	393.4
	Jun 2010	987	16.6	1089.54	10576	-411	439.23	1556.0	388.5	94	393.5
	Jul 2010	899	14.6	1088.14	10457	-120	435.45	1613.0	350.1	100	389.5
	Aug 2010	827	13.5	1087.95	10441	-16	435.15	1610.0	325.9	100	394.0
	Sep 2010	733	12.3	1085.00	10191	-249	435.05	1593.0	285.6	100	389.9
	WY 2010	9170							3590.3		
	Oct 2010	544	8.9	1084.19	10124	-68	437.31	1294.0	208.7	81	383.4
	Nov 2010	785	13.2	1084.24	10128	4	439.46	1284.0	313.9	81	399.9
	Dec 2010	596	9.7	1088.23	10464	336	438.09	1405.0	231.4	87	388.2
	Jan 2011	689	11.2	1092.05	10791	327	440.48	1312.0	270.7	80	392.6
	Feb 2011	675	12.1	1095.43	11086	295	442.27	1447.0	267.8	88	397.0
	Mar 2011	1010	16.4	1094.71	11023	-63	443.18	1445.0	402.0	88	398.0
	Apr 2011	1146	19.3	1093.28	10898	-125	441.03	1542.0	462.3	94	403.5
	May 2011	992	16.1	1094.43	10998	100	440.26	1647.0	388.2	100	391.4
	Jun 2011	848	14.2	1096.60	11188	190	442.23	1660.0	341.4	100	402.6
	Jul 2011	895	14.6	1098.84	11387	199	444.91	1675.0	355.7	100	397.3
	Aug 2011	818	13.3	1101.74	11647	260	447.62	1692.0	330.4	100	404.1
	Sep 2011	688	11.6	1101.84	11656	9	450.25	1693.0	274.5	100	399.0
	WY 2011	9686							3847.1		
	Oct 2011	472	7.7	1104.31	11880	224	453.65	1707.0	188.3	100	399.1
	Nov 2011	582	9.8	1104.32	11881	1	458.62	1377.6	235.7	81	405.3
	Dec 2011	564	9.2	1106.71	12100	219	457.24	1487.8	225.4	87	399.5
	Jan 2012	683	11.1	1108.73	12287	187	457.96	1370.6	277.2	80	405.8
	Feb 2012	668	11.6	1108.91	12304	17	457.26	1494.3	271.4	88	406.5
	Mar 2012	1003	16.3	1105.20	11962	-343	455.08	1495.8	408.7	88	407.4
	Apr 2012	1138	19.1	1099.69	11463	-498	449.42	1604.0	467.1	94	410.5
	May 2012	985	16.0	1095.56	11097	-366	444.00	1707.0	388.0	100	394.0

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Davis Dam - Lake Mohave

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Davis Static Head Feet	Davis Generator Capacity MW	Davis Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Jun 2009	788	13.2	641.92	1669	-67	0.00	255.0	99.5	100	126.2
H	Jul 2009	835	13.6	641.37	1654	-15	0.00	255.0	101.8	100	121.9
I	Aug 2009	756	12.3	641.90	1669	14	0.00	255.0	94.4	100	124.8
S	Sep 2009	726	12.2	635.60	1501	-167	0.00	255.0	89.2	100	122.8
	WY 2009	9008							1106.2		
T	Oct 2009	623	10.1	634.34	1469	-33	0.00	216.8	74.2	85	119.1
O	Nov 2009	590	9.9	635.61	1502	33	0.00	186.2	70.9	73	120.3
R	Dec 2009	532	8.7	638.68	1582	81	0.00	188.7	65.9	74	123.8
I	Jan 2010	456	7.4	644.34	1736	153	0.00	204.0	57.9	80	127.1
C	Feb 2010	442	8.0	642.31	1680	-56	0.00	216.8	56.9	85	128.6
A	Mar 2010	862	14.0	642.17	1676	-4	0.00	249.9	109.8	98	127.5
L	Apr 2010	878	14.8	642.94	1697	21	0.00	255.0	111.0	100	126.4
*	May 2010	937	15.2	642.30	1680	-17	0.00	255.0	118.5	100	126.4
	Jun 2010	940	15.8	643.00	1699	19	135.67	255.0	117.3	100	124.7
	Jul 2010	890	14.5	642.50	1685	-14	135.78	255.0	111.5	100	125.2
	Aug 2010	828	13.5	641.50	1658	-27	134.99	255.0	103.4	100	124.9
	Sep 2010	809	13.6	638.00	1564	-94	132.63	255.0	99.4	100	122.8
	WY 2010	8788							1096.7		
	Oct 2010	728	11.8	630.49	1371	-193	127.33	237.2	86.3	93	118.4
	Nov 2010	651	10.9	635.00	1486	115	125.82	234.6	76.5	92	117.4
	Dec 2010	477	7.8	638.71	1583	97	130.00	239.7	58.4	94	122.3
	Jan 2011	583	9.5	641.80	1666	83	134.16	219.3	72.7	86	124.7
	Feb 2011	660	11.9	641.80	1666	0	135.05	244.8	82.7	96	125.2
	Mar 2011	949	15.4	643.05	1700	34	135.44	255.0	118.3	100	124.6
	Apr 2011	1116	18.7	643.00	1699	-2	136.07	255.0	138.6	100	124.2
	May 2011	960	15.6	643.00	1699	0	136.04	255.0	120.1	100	125.1
	Jun 2011	847	14.2	642.00	1671	-27	135.51	255.0	106.0	100	125.1
	Jul 2011	887	14.4	641.50	1658	-14	134.73	255.0	110.3	100	124.3
	Aug 2011	792	12.9	641.50	1658	0	134.46	255.0	98.7	100	124.6
	Sep 2011	765	12.8	638.00	1564	-94	132.63	255.0	94.1	100	123.1
	WY 2011	9416							1162.5		
	Oct 2011	593	9.6	633.00	1434	-130	128.65	237.2	71.3	93	120.4
	Nov 2011	511	8.6	635.00	1486	51	127.14	234.6	61.0	92	119.4
	Dec 2011	445	7.2	638.71	1583	97	130.00	239.7	54.6	94	122.5
	Jan 2012	577	9.4	641.80	1666	83	134.16	219.3	72.0	86	124.7
	Feb 2012	653	11.4	641.80	1666	0	135.05	244.8	81.9	96	125.4
	Mar 2012	942	15.3	643.05	1700	34	135.44	255.0	117.5	100	124.7
	Apr 2012	1108	18.6	643.00	1699	-2	136.07	255.0	137.6	100	124.2
	May 2012	953	15.5	643.00	1699	0	136.04	255.0	119.2	100	125.1

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Parker Dam - Lake Havasu

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Parker Static Head Feet	Parker Generator Capacity MW	Parker Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Jun 2009	595	10.0	448.49	590	-4	0.00	120.0	41.3	100	69.5
H	Jul 2009	655	10.6	448.11	582	-7	0.00	120.0	43.4	100	66.3
I	Aug 2009	582	9.5	448.19	584	2	0.00	118.8	39.9	99	68.6
S	Sep 2009	505	8.5	447.16	564	-19	0.00	87.6	35.0	73	69.2
	WY 2009	6347							433.2		
T	Oct 2009	446	7.2	448.03	581	16	0.00	90.0	30.5	75	68.5
O	Nov 2009	365	6.1	447.61	573	-8	0.00	66.0	25.9	55	71.0
R	Dec 2009	301	4.9	447.34	568	-5	0.00	76.8	20.2	64	67.1
I	Jan 2010	233	3.8	448.89	597	29	0.00	66.0	15.6	55	66.8
C	Feb 2010	331	6.0	446.29	548	-49	0.00	90.0	22.8	75	68.8
A	Mar 2010	668	10.9	447.15	564	16	0.00	90.0	45.4	75	67.9
L	Apr 2010	670	11.3	448.61	592	28	0.00	90.0	46.8	75	69.8
*	May 2010	662	10.8	448.83	596	4	0.00	115.2	46.0	96	69.6
	Jun 2010	644	10.8	448.70	593	-3	76.11	120.0	42.8	100	66.4
	Jul 2010	720	11.7	448.00	580	-13	75.71	120.0	47.7	100	66.3
	Aug 2010	617	10.0	447.50	571	-10	75.13	120.0	40.4	100	65.5
	Sep 2010	534	9.0	446.81	557	-13	74.55	120.0	34.6	100	64.8
	WY 2010	6191							418.7		
	Oct 2010	450	7.3	446.31	548	-9	73.97	120.0	28.8	100	63.9
	Nov 2010	379	6.4	446.50	552	3	75.04	93.6	24.4	78	64.5
	Dec 2010	287	4.7	446.50	552	0	74.66	103.2	18.0	86	62.9
	Jan 2011	348	5.7	446.50	552	0	75.01	96.0	22.3	80	64.0
	Feb 2011	445	8.0	446.50	552	0	74.71	102.0	28.8	85	64.8
	Mar 2011	705	11.5	446.70	555	4	74.01	120.0	45.8	100	64.9
	Apr 2011	815	13.7	448.70	593	38	75.08	120.0	53.8	100	66.1
	May 2011	694	11.3	448.70	593	0	76.05	120.0	46.1	100	66.5
	Jun 2011	643	10.8	448.70	593	0	76.05	120.0	42.6	100	66.4
	Jul 2011	716	11.7	448.00	580	-13	75.71	120.0	47.5	100	66.3
	Aug 2011	630	10.2	447.50	571	-10	75.13	120.0	41.3	100	65.6
	Sep 2011	549	9.2	446.81	557	-13	74.55	120.0	35.7	100	64.9
	WY 2011	6661							435.1		
	Oct 2011	456	7.4	446.31	548	-9	73.97	120.0	29.2	100	64.0
	Nov 2011	372	6.3	446.50	552	3	75.04	93.6	24.0	78	64.4
	Dec 2011	297	4.8	446.50	552	0	74.66	103.2	18.7	86	63.0
	Jan 2012	349	5.7	446.50	552	0	75.01	96.0	22.3	80	64.0
	Feb 2012	446	7.8	446.50	552	0	74.71	102.0	28.9	85	64.7
	Mar 2012	705	11.5	446.70	555	4	74.01	120.0	45.8	100	64.9
	Apr 2012	814	13.7	448.70	593	38	75.08	120.0	53.8	100	66.1
	May 2012	694	11.3	448.70	593	0	76.05	120.0	46.1	100	66.5

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T Y M R E S E R V O I R S

Bureau of Reclamation - CRFS 6/2010 Most Prob Water Supply 09-Jun-2010 07:31:43
Upper Basin Power

		Glen Canyon 1000 MWHR	Flam Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Res 1000 MWHR	Font Res 1000 MWHR
*	Jun 2009	301	38	54	66	22	8
H	Jul 2009	371	47	45	53	22	8
I	Aug 2009	368	50	39	46	23	9
S	Sep 2009	275	48	28	35	20	6
	Summer 2009	1316	183	166	200	87	30
T	Oct 2009	285	44	24	28	14	4
O	Nov 2009	309	42	8	9	4	0
R	Dec 2009	403	42	13	17	9	0
I	Jan 2010	401	43	12	16	8	3
C	Feb 2010	279	34	11	14	4	3
A	Mar 2010	269	23	9	11	6	3
	Winter 2010	1945	228	77	95	46	13
L	Apr 2010	265	19	13	19	13	3
*	May 2010	267	39	31	45	21	3
	Jun 2010	252	52	18	27	17	4
	Jul 2010	340	36	30	37	19	5
	Aug 2010	338	36	30	37	19	5
	Sep 2010	201	35	25	31	16	4
	Summer 2010	1663	216	147	195	104	22
	Oct 2010	207	25	17	21	11	5
	Nov 2010	336	22	8	10	6	6
	Dec 2010	396	22	8	10	6	6
	Jan 2011	393	22	18	22	12	5
	Feb 2011	369	20	22	28	14	4
	Mar 2011	367	22	15	21	11	4
	Winter 2011	2068	133	86	113	60	30
	Apr 2011	406	22	15	22	13	5
	May 2011	447	44	22	36	23	7
	Jun 2011	457	71	21	32	22	9
	Jul 2011	479	42	35	42	23	10
	Aug 2011	455	42	38	45	23	10
	Sep 2011	296	41	35	42	21	3
	Summer 2011	2539	261	165	219	126	44
	Oct 2011	305	42	20	24	13	6
	Nov 2011	247	40	11	14	7	6
	Dec 2011	329	42	29	36	18	6
	Jan 2012	327	42	27	34	17	5
	Feb 2012	244	39	18	23	12	5
	Mar 2012	244	41	12	17	9	5
	Winter 2012	1695	246	116	148	77	33
	Apr 2012	244	40	14	22	13	5
	May 2012	248	50	24	38	23	6

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model_run_id = 2060

F L O O D C O N T R O L C R I T E R I A
B E G I N N I N G O F M O N T H C O N D I T I O N S

MON	YEAR	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	LAKE POWELL KAF	UPPER BASIN TOTAL KAF	LAKE MEAD KAF	TOTAL KAF	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	TOT OR MAX ALLOW KAF	LAKE POWELL KAF	LAKE MEAD KAF	TOTAL KAF	BOM SPACE REQD KAF	MEAD SCHED REL KAF	MEAD FC REL KAF	SYS CONT MAF
		* * * * P R E D I C T E D S P A C E * * * *							* * * * E F F E C T I V E S P A C E * * * *									
JUN	2010	781	228	190	9915	11114	16390	27504	170	104	86	360	9915	16390	26664	1500	987	0	34.2
JUL	2010	668	103	155	8914	9840	16801	26640	47	-38	1	10	8914	16801	25724	1500	899	0	33.9
									* * * * C R E D I T A B L E S P A C E * * * *										
AUG	2010	636	134	206	8991	9967	16920	26887	636	134	206	976	8991	16920	26887	1500	827	0	33.5
SEP	2010	687	182	252	9239	10360	16936	27296	687	182	252	1121	9239	16936	27296	2270	733	0	33.0
OCT	2010	749	231	268	9249	10496	17186	27682	749	231	268	1248	9249	17186	27682	3040	544	0	32.6
NOV	2010	774	255	268	9259	10556	17253	27809	774	255	268	1297	9259	17253	27809	3810	785	0	32.4
DEC	2010	787	249	269	9549	10855	17249	28104	787	249	269	1305	9549	17249	28104	4580	596	0	32.3
JAN	2011	816	250	276	10042	11383	16913	28296	816	250	276	1342	10042	16913	28296	5350	689	0	32.2
									* * * * E F F E C T I V E S P A C E * * * *										
JAN	2011	816	250	276	10042	11383	16913	28296	550	250	196	996	10042	16913	27950	5350	689	0	32.2
FEB	2011	839	284	286	10513	11923	16586	28509	571	284	205	1060	10513	16586	28159	1500	675	0	32.0
MAR	2011	853	335	285	10934	12407	16291	28699	581	335	203	1119	10934	16291	28345	1500	1010	0	31.7
APR	2011	816	353	236	11270	12675	16354	29029	539	353	148	1039	11270	16354	28663	1500	1146	0	31.6
MAY	2011	742	332	143	11536	12752	16479	29232	456	332	35	823	11536	16479	28839	1500	992	0	32.6
JUN	2011	609	212	167	10857	11846	16379	28225	312	212	27	551	10857	16379	27787	1500	848	0	34.3
JUL	2011	419	35	237	9666	10357	16189	26546	106	10	48	164	9666	16189	26019	1500	895	0	34.6
									* * * * C R E D I T A B L E S P A C E * * * *										
AUG	2011	332	27	240	9634	10233	15990	26222	332	27	240	599	9634	15990	26222	1500	818	0	34.3
SEP	2011	364	77	254	10079	10773	15730	26503	364	77	254	694	10079	15730	26503	2270	688	0	33.9
OCT	2011	427	146	255	10236	11065	15721	26786	427	146	255	829	10236	15721	26786	3040	472	0	33.7
NOV	2011	489	172	251	10401	11314	15497	26810	489	172	251	913	10401	15497	26810	3810	582	0	33.6
DEC	2011	551	177	252	10448	11428	15496	26924	551	177	252	980	10448	15496	26924	4580	564	0	33.6
JAN	2012	630	248	261	10686	11825	15277	27101	630	248	261	1139	10686	15277	27101	5350	683	0	33.4
									* * * * E F F E C T I V E S P A C E * * * *										
JAN	2012	630	248	261	10686	11825	15277	27101	291	248	163	702	10686	15277	26665	5350	683	0	33.4
FEB	2012	704	314	271	10941	12230	15090	27320	364	314	172	850	10941	15090	26882	1500	668	0	33.2
MAR	2012	765	352	270	11038	12424	15073	27497	424	352	170	945	11038	15073	27056	1500	1003	0	32.9
APR	2012	779	359	254	11029	12421	15415	27836	434	359	149	942	11029	15415	27386	1500	1138	0	32.8
MAY	2012	753	337	185	10855	12130	15914	28044	402	337	60	799	10855	15914	27568	1500	985	0	33.8

August 24-Month Study
Date: August 11, 2010

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

Reservoir	July Inflow (unregulated) (acre-feet)	Percent of Average (%)	August 10 Midnight Elevation (feet)	Reservoir Storage (acre-feet)
Fontenelle	134,000	63	6504.39	333,000
Flaming Gorge	151,000	58	6027.29	3,246,000
Blue Mesa	50,000	37	7503.70	692,000
Navajo	15,400	18	6069.44	1,473,000
Powell	677,000	43	3636.50	15,594,000

Expected Operations

The operation of Lake Powell and Lake Mead in this August 2010 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines), and reflects the 2010 Annual Operating Plan (AOP). Pursuant to the Interim Guidelines, the August 2009 24-Month Study projections of the January 1, 2010 system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead.

The Lake Powell operational tier for water year 2010 is the Upper Elevation Balancing Tier. The Intentionally Created Surplus (ICS) Surplus condition is the criterion governing the operation of Lake Mead for calendar year 2010.

The April 2010 24-Month study projected the end of water year elevation at Lake Powell to be below the Equalization level of 3642 feet and the projected end of water year 2010 elevation at Lake Mead to be above elevation 1075 feet. Pursuant to Sections 6.B.1. and 6.B.4. of the Interim Guidelines, the annual release volume will be 8.23 million acre-feet from Glen Canyon Dam during water year 2010 which is reflected in the August 24-Month Study.

This 24-Month Study currently projects Lake Powell's 2011 end of water year elevation to be above the 2011 Equalization Elevation of 3643 feet under an 8.23 maf release. Based on this 24-Month Study and pursuant to the Interim Guidelines, it is projected that in April 2011 the Equalization Tier will govern the operation of Lake Powell for the

remainder of Water Year 2011. Based on analysis of inflow scenarios, currently the probability of an April adjustment in 2011 is approximately 62 percent.

The Interim Guidelines are available for download at
http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The 2010 AOP is available for download at
http://www.usbr.gov/lc/region/g4000/AOP2010/AOP10.pdf.

Fontenelle Reservoir – Inflows for the month of July were 134,000 acre-feet, or 63% of average. The reservoir elevation is 6504 feet above sea level and 95% of capacity. In July, inflows to Fontenelle Reservoir tapered off significantly from 4,300 cfs to 1,800 cfs as the last of the snowpack entered the reservoir. Reservoir releases peaked at 3,000 cfs for five days early in the month and are currently 1,100 cfs. The reservoir elevation is near its peak for the season and will slowly decline over the remainder of the summer and fall and winter.

The Colorado Basin River Forecast Center has issued the water year 2011 (October 2010 to September 2011) forecast. At this early point, inflows over the next year are expected to be 85% of average. Inflows over the next three months are forecasted to be well below average: 55,000 acre-ft (60%), 40,000 acre-ft (75%), and 40,000 acre-ft (77%) for August, September and October respectively.

The next Fontenelle Working Group meeting is scheduled for August 24, 2010 at 10:00 am at the City of Green River City Hall. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir.

Flaming Gorge Reservoir – July observed unregulated inflow into Flaming Gorge reservoir was 151,000 acre-feet (AF), or 58 percent of average inflow. The July end of month elevation was 6027.5 feet, which equates to 3.25 million acre-feet or 87 percent of live storage capacity. Releases out of Flaming Gorge for the base flow period are currently fluctuating around an average daily release of 1,600 cfs. It is anticipated that they will remain at this level until the end of September, when releases will be reduced to 1,100 cfs average daily release.

The May final forecast was 515,000 AF (43% average). The observed April-July unregulated inflow is 706,000 AF (59% average). The August forecast for April-July unregulated inflows WY 2011 for Flaming Gorge is 890,000 AF (75% average) and for the Yampa is 1,269,000 AF (93% average). The spring hydrologic classification is moderately dry.

Yampa River flows during the base flow period impact the hourly release schedule from Flaming Gorge because flows must remain within 0.1 meter stage change at Jensen, Utah. As Yampa River flows decrease, the Flaming Gorge release schedule will change.

The hourly release schedule will be communicated as it changes throughout the base flow period.

The next Flaming Gorge Working Group meeting is scheduled for August 26, 2010, in Vernal, Utah. The meeting will be held at 11:00 a.m. at the Western Park Convention Center located at 302 East 200 South in Vernal, Utah. For directions, please call 435-789-7396. The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stake holders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations and plans presented by Reclamation at these meetings. For more information on this group and these meetings please contact Ed Vidmar at 801-379-1182.

ASPINALL – July unregulated inflow into Blue Mesa Reservoir was 50,000 acre-feet or 37 percent of average. The current inflow rate into Blue Mesa Reservoir is approximately 1,100 cfs while reservoir releases are averaging 1,500 cfs. Blue Mesa's present elevation is 7503.73 feet, which corresponds to a storage content of about 692,000 acre-feet. The observed April through July runoff into Blue Mesa Reservoir was recorded at 494,000 acre-feet, or 73 percent of average. The reservoir reached a high elevation of 7508.22 feet on June 27, 2010, which was approximately 11.18 feet below "full" pool. Full pool is actually defined by the top of the spillway gates at elevation 7519.4 feet, but we rarely fill to that level due to safety concerns for the reservoir. For practical purposes; the reservoir is considered full at elevations above 7516.4 feet.

Releases from Crystal are currently set at 1,600 cfs. The Gunnison Diversion Tunnel is currently diverting about 1,100 cfs, which results in a river flow below the diversion tunnel of approximately 600 cfs. As in years past there seems to be about 100 cfs discrepancy between the different gage readings. These reservoir release rates may change as conditions warrant, primarily as we respond to changes in the river inflows.

The next meeting of the "Aspinall Unit Working Group" will be held on Thursday, September 2, 2010 at Elk Creek Visitors Center at Blue Mesa Reservoir. At this meeting, review of this spring's reservoir operations, and plans for this summer and fall operations will be discussed. These meetings are open forum discussions on the Aspinall Unit reservoir operations with many interested groups participating. Anyone needing further information about these meetings should contact Dan Crabtree in the Grand Junction Area Office at (970) 248-0652.

NAVAJO – As a result of warmer and drier conditions returning to the San Juan River Basin, Reclamation increased the release from Navajo Reservoir to 800 cfs on Thursday, August 12, 2010. Releases are made for the authorized purposes of the Navajo Unit, and to attempt to maintain a target base flow through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell).

The San Juan River Basin Recovery Implementation Program recommends a target base flow of between 500 cfs and 1,000 cfs through the critical habitat area. The target base flow is calculated as the weekly average of gauged flows throughout the critical habitat area, therefore daily flows of less than 500 cfs may occur at some gages.

Reclamation will continue to closely monitor weather and stream flow conditions and make adjustments to the Navajo Reservoir release as necessary.

July unregulated inflow into Navajo Reservoir was 15,000 acre-feet, or 18 percent of average. The total runoff for the 2010 season ending July (April-July) was recorded at 654,000 acre-feet, or about 83 percent of average runoff. The reservoir had a seasonal peak elevation of 6075.53 feet on June 15, 2010. There was no spring release provided this runoff season because of low spring inflows.

Currently the daily reservoir inflow is averaging 900 cfs and reservoir releases to the San Juan River are set at 500 cfs. NIIP diversions are approximately 600 cfs. The reservoir water surface elevation is currently 6069.44 feet, which corresponds to a storage content of about 1,473,000 acre-feet.

A public meeting on Navajo Reservoir operations will be held on Tuesday, August 24, 2010 at 1:00 p.m. in Farmington, New Mexico. At this meeting, review of last spring and summer reservoir operations, and plans for this fall and winter 2010/2011 operations will be discussed. These are open forum discussions on the operation of Navajo Reservoir with many interested groups participating. Anyone interested in the general operation of the reservoir is encouraged to attend. Please contact Pat Page in Reclamation's Durango, Colorado Office at (970) 385-6560 for information about these meetings or the daily operation of Navajo Reservoir.

Glen Canyon Dam / Lake Powell –The unregulated inflow volume into Lake Powell for July 2010 was 676 kaf (43% of average). Lake Powell reached a low water surface elevation for water year 2010 on April 15, 2010 when the elevation dipped to 3618.64 feet above sea level. The elevation of Lake Powell reached its peak for the water year on June 30, 2010 which was 3638.82 feet above sea level. On August 1st the elevation of Lake Powell was 3636.52 feet above sea level. The April through July unregulated inflow to Lake Powell was 5.796 maf (73% of average).

Releases from Glen Canyon Dam during the month of August will fluctuate each day for power generation between a peak hourly average release of about 16,500 cfs, during the morning and afternoon and a daily low hourly average release of 8,500 cfs during the late evening and early morning hours. The release volume scheduled for August is 800,000 acre-feet. On August 30th and 31st, the hourly release pattern will be moderated somewhat in order to provide a steady transition the steady flow experiment which begins on September 1, 2010.

On September 1, 2010 and continuing through October 31, 2010, the releases from Glen Canyon Dam will be steady with no fluctuations for power production (excluding system regulation and spinning reserves) for the steady flow experiment pursuant to the February 2008 Finding of No Significant Impact 'Experimental Releases from Glen Canyon Dam, Arizona 2008 through 2012'. This year will be the third year of steady flows of the 5 year experiment. The steady release rate is projected to be 8,000 cfs which is equivalent to a monthly release volume of approximately 476,000 acre-feet in September 2010 and 492,000 acre-feet in October 2010.

During the steady flow experiment the instantaneous releases from Glen Canyon Dam may fluctuate somewhat to provide approximately 40 megawatts (approximately 1,100 cfs) of system regulation to maintain stable conditions within the electrical generation and transmission system. This translates into momentary release fluctuations of about +/- 1100 cfs above or below the targeted steady release target (8000 cfs). These momentary fluctuations for regulation are very short lived and will typically balance out over the hour. Spinning and non-spinning reserve generation will also be carried at Glen Canyon Dam during the steady flow experiment. When an unanticipated outage event occurs in the generation system, reserve generation at Glen Canyon Dam can also be called upon up to a limit of 83 megawatts (approximately 2,250 cfs of release) for a duration of 2 hours or less. Under normal circumstances, calls for reserve generation occur fairly infrequently and are for much less than the limit of 83 megawatts.

Pursuant to the Colorado River Interim Guidelines for Lower Basin Shortages and Coordinated Operations for Lakes Powell and Mead (Interim Guidelines) the operational tier for water year 2010 is Upper Elevation Balancing and the projected water year release volume is 8.23 maf. Under this operational tier there was a possibility that Equalization could occur in 2010 if the April 2010 24-Month Study ,with 8.23 maf projected for release during water year 2010, indicated a Lake Powell projected elevation on September 30 , 2010 greater than 3642 feet above sea level (the Equalization level for water year 2010). This condition was not projected in the April 24-Month Study and for this reason, the release volume for water year 2010 will be 8.23 maf. Monthly release volumes for the remainder of the water year will be scheduled to achieve this water year release volume.

The August 2010 24-Month Study projects that the operation tier for Glen Canyon Dam in water year 2011 will be Upper Elevation Balancing but also projects a shift in operations where Equalization will govern the operation beginning in April 2011. The most probable run of the August 24-Month Study projects the water year 2011 release volume to be 11.58 maf. At this point in time, there is a high level of uncertainty regarding the hydrologic conditions that will be experience in 2011. The August 24-Month Study, which includes analysis of a range of possible inflow scenarios in water year 2011, projects that the most probable range of annual releases from Lake Powell will be from 9.0 maf to approximately 14.1 maf. It is currently forecasted that there is approximately a 62% probability that Equalization will occur in water year 2011 with the annual release being at or above approximately 10.7 maf. This forecast will be updated each month as conditions change.

Upper Colorado River Basin Hydrology

In the Upper Colorado River Basin during water year 2009, the overall precipitation accumulated through September 30, 2009 was approximately 95% of average based on the 30 year average for the period from 1971 through 2000. For water year 2010 dry conditions have persisted. Estimated percentages of average precipitation for the months thus far in water year 2010 are as follows: October 85%, November 40%, December 130%, January 100% and February 100%, March 90%, April 120%, May 75%, June 100%, July 95%. The overall estimated precipitation percentage of average thus far in water year 2010 for the Upper Colorado River Basin is 96% of average.

The Climate Prediction Center outlook (dated July 15, 2010) for temperature over the next 3 months indicates that temperatures in the Upper Colorado River Basin are expected to be above average while precipitation over the next 3 months is projected to be below average.

Upper Colorado River Basin Drought

The Upper Colorado River Basin continues to experience a protracted multi-year drought. Since 1999, inflow to Lake Powell has been below average in every year except water years 2005 and 2008. In the summer of 1999, Lake Powell was close to full with reservoir storage at 23.5 million acre-feet, or 97 percent of capacity. During the next 5 years (2000 through 2004) unregulated inflow to Lake Powell was well below average. This resulted in Lake Powell storage decreasing during this period to 8.0 million acre-feet (33 percent of capacity) which occurred on April 8, 2005. During 2005, 2008 and 2009, drought conditions eased somewhat with net gains in storage to Lake Powell. As of August 10, 2010 the storage in Lake Powell was 15.59 million acre-feet (64.1 % of capacity) which is still below desired levels while the overall reservoir storage in the Colorado River Basin as of August 10, 2010 is 34.14 million acre-feet (57.4 % of capacity).

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-280
125 SOUTH STATE STREET, ROOM 6107
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-5571

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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:	Obs			jul	Forecast			Observed	
:	apr	may	jun	jul	%Avg	aug	sep	oct	apr-jul %Avg
GLDA3:Lake Powell	944	1400	2777	677	43%:	580/	450/	500/	5798/: 73%
GBRW4:Fontenelle	63	40	251	134	63%:	55/	40/	40/	488/: 57%
GRNU1:Flaming Gorge	96	72	387	151	58%:	64/	48/	48/	706/: 59%
BMDC2:Blue Mesa	96	143	205	50	37%:	59/	38/	35/	494/: 69%
MPSC2:Morrow Point	107	159	216	51	36%:	62/	41/	38/	533/: 68%
CLSC2:Crystal	118	179	242	55	34%:	70/	47/	44/	594/: 65%
TPIC2:Taylor Park	10.7	22	35	9.7	44%:	10/	6.5/	6.1/	77/: 75%
VCRC2:Vallecito	27	69	46	11.8	34%:	21/	13.5/	10.7/	154/: 75%
NVRN5:Navajo	222	265	152	15.4	18%:	40/	32/	38/	654/: 83%
LEMC2:Lemon	5.4	23	10.3	2.5	30%:	5.3/	3/	2/	41/: 71%
MPHC2:McPhee	82	104	51	10.4	34%:	16/	10/	8.5/	247/: 77%
RBSC2:Ridgway	15.9	27	44	15.8	57%:	/	/	/	103/: 101%

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T E M R E S E R V O I R S

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Fontenelle Reservoir

	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
* Aug 2009	72	2	98	6	104	6500.99	306
H Sep 2009	37	2	66	0	66	6496.84	276
WY 2009	1295	15	773	485	1258		
I Oct 2009	48	1	51	11	62	6494.68	260
S Nov 2009	42	1	0	62	62	6491.61	239
T Dec 2009	31	1	0	70	71	6485.42	198
O Jan 2010	28	1	38	30	69	6478.10	157
R Feb 2010	23	0	55	0	55	6471.41	125
I Mar 2010	43	0	56	0	56	6468.40	112
C Apr 2010	63	1	47	1	48	6471.88	127
A May 2010	40	1	49	0	49	6469.44	117
L Jun 2010	251	2	50	1	51	6502.04	314
* Jul 2010	134	3	91	22	113	6504.39	333
Aug 2010	55	2	67	0	67	6502.63	319
Sep 2010	40	2	39	20	60	6499.81	297
WY 2010	798	15	543	218	761		
Oct 2010	40	1	54	7	62	6496.68	274
Nov 2010	33	1	60	0	60	6492.79	247
Dec 2010	25	1	62	0	62	6487.13	209
Jan 2011	24	1	62	0	62	6480.75	171
Feb 2011	23	1	56	0	56	6474.18	138
Mar 2011	42	0	62	0	62	6469.61	117
Apr 2011	80	1	86	0	86	6467.95	111
May 2011	170	1	98	6	104	6481.53	175
Jun 2011	315	2	103	88	190	6499.85	298
Jul 2011	180	3	101	34	135	6505.27	340
Aug 2011	78	2	100	4	105	6501.58	311
Sep 2011	45	2	37	30	67	6498.47	288
WY 2011	1055	15	880	170	1050		
Oct 2011	49	1	69	0	69	6495.52	266
Nov 2011	41	1	67	0	67	6491.81	240
Dec 2011	32	1	69	0	69	6486.10	203
Jan 2012	30	1	69	0	69	6479.41	164
Feb 2012	29	0	62	0	62	6472.40	130
Mar 2012	52	0	69	0	69	6468.26	112
Apr 2012	89	1	83	0	83	6469.70	118
May 2012	176	1	86	0	86	6486.69	207
Jun 2012	307	2	104	106	210	6500.32	301
Jul 2012	185	3	101	43	144	6505.31	340

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T E M R E S E R V O I R S

Bureau of Reclamation - CRFS 8/2010 Most Prob Water Supply 12-aug-2010 07:52:35

Flaming Gorge Reservoir

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Yampa Flow 1000 Ac-Ft	Jensen Flow 1000 Ac-Ft
*	Aug 2009	74	106	13	124	0	124	139	6032.53	3448	21	156
H	Sep 2009	45	74	11	120	0	120	136	6031.12	3392	14	144
	WY 2009	1564	1527	79	1065	0	1065					3031
I	Oct 2009	45	59	7	109	0	109	134	6029.69	3337	0	152
S	Nov 2009	47	67	4	104	0	104	133	6028.67	3298	0	143
T	Dec 2009	19	59	2	107	1	108	131	6027.38	3249	0	504
O	Jan 2010	27	68	2	109	0	109	129	6026.29	3208	0	669
R	Feb 2010	29	61	2	87	0	87	128	6025.55	3181	0	111
I	Mar 2010	69	81	3	60	0	60	129	6026.01	3198	0	118
C	Apr 2010	96	81	5	49	0	49	130	6026.69	3223	206	240
A	May 2010	72	81	8	101	0	101	129	6025.97	3196	507	551
L	Jun 2010	387	187	10	138	0	138	130	6026.97	3234	619	745
*	Jul 2010	151	130	13	96	0	96	131	6027.51	3254	78	194
	Aug 2010	64	76	12	98	0	98	129	6026.61	3220	0	98
	Sep 2010	48	68	11	95	0	95	128	6025.62	3183	0	95
	WY 2010	1054	1017	80	1154	1	1155					3622
	Oct 2010	48	70	7	72	0	72	128	6025.37	3174	0	72
	Nov 2010	41	68	3	65	0	65	128	6025.35	3173	0	65
	Dec 2010	30	67	2	68	0	68	128	6025.28	3171	0	68
	Jan 2011	30	68	2	68	0	68	127	6025.24	3169	0	68
	Feb 2011	31	64	2	61	0	61	127	6025.26	3170	0	61
	Mar 2011	65	85	3	68	0	68	128	6025.62	3183	0	68
	Apr 2011	110	116	5	65	0	65	130	6026.81	3228	0	65
	May 2011	215	149	8	124	0	124	130	6027.26	3245	0	124
	Jun 2011	370	245	10	188	0	188	132	6028.46	3290	0	188
	Jul 2011	195	150	14	100	0	100	134	6029.38	3325	0	100
	Aug 2011	84	111	13	100	0	100	134	6029.33	3323	0	100
	Sep 2011	51	73	11	97	0	97	132	6028.44	3289	0	97
	WY 2011	1270	1265	79	1075	0	1075					1075
	Oct 2011	59	79	7	100	0	100	131	6027.73	3262	0	100
	Nov 2011	51	76	3	97	0	97	130	6027.11	3239	0	97
	Dec 2011	36	73	2	100	0	100	129	6026.37	3211	0	100
	Jan 2012	41	79	2	100	0	100	128	6025.80	3190	0	100
	Feb 2012	47	80	2	93	0	93	128	6025.41	3175	0	93
	Mar 2012	103	121	3	100	0	100	128	6025.87	3193	0	100
	Apr 2012	142	135	5	97	0	97	130	6026.74	3225	0	97
	May 2012	263	173	8	126	0	126	131	6027.75	3263	0	126
	Jun 2012	400	303	10	208	0	208	134	6029.87	3344	0	208
	Jul 2012	219	178	14	135	0	135	136	6030.59	3372	0	135

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Taylor Park Reservoir

		Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Aug 2009	7	19	9317.78	83
H	Sep 2009	6	15	9312.44	74
	WY 2009	153	151		
I	Oct 2009	7	8	9311.60	72
S	Nov 2009	5	6	9310.68	71
T	Dec 2009	4	6	9309.18	69
O	Jan 2010	4	6	9307.90	67
R	Feb 2010	4	6	9306.55	65
I	Mar 2010	4	6	9305.31	63
C	Apr 2010	11	6	9308.40	67
A	May 2010	22	9	9316.36	80
L	Jun 2010	35	18	9325.55	97
*	Jul 2010	10	20	9320.19	87
	Aug 2010	10	19	9315.09	78
	Sep 2010	6	14	9310.56	71
	WY 2010	121	124		
	Oct 2010	6	6	9310.62	71
	Nov 2010	5	6	9310.06	70
	Dec 2010	5	6	9309.11	68
	Jan 2011	4	6	9307.82	66
	Feb 2011	3	6	9306.18	64
	Mar 2011	4	6	9304.56	62
	Apr 2011	8	8	9304.70	62
	May 2011	27	14	9313.01	75
	Jun 2011	43	19	9326.28	99
	Jul 2011	17	22	9323.68	94
	Aug 2011	8	20	9317.40	82
	Sep 2011	7	16	9312.10	73
	WY 2011	137	134		
	Oct 2011	6	10	9309.71	69
	Nov 2011	5	6	9309.04	68
	Dec 2011	4	6	9308.07	67
	Jan 2012	4	6	9306.88	65
	Feb 2012	4	6	9305.45	63
	Mar 2012	4	6	9304.25	61
	Apr 2012	8	8	9304.82	62
	May 2012	27	14	9313.23	75
	Jun 2012	43	18	9326.92	100
	Jul 2012	20	22	9326.11	98

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Blue Mesa Reservoir

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Aug 2009	42	54	1	128	0	128	7505.79	710
H	Sep 2009	26	35	1	93	0	93	7498.71	651
	WY 2009	1017	1015	9	993	13	1006		
I	Oct 2009	33	34	1	81	0	81	7492.82	603
S	Nov 2009	27	28	0	28	0	28	7492.84	604
T	Dec 2009	21	23	0	47	0	47	7489.73	579
O	Jan 2010	22	24	0	43	0	43	7487.22	560
R	Feb 2010	22	24	0	38	0	38	7485.33	546
I	Mar 2010	29	30	0	33	0	33	7484.88	542
C	Apr 2010	96	92	1	45	0	45	7490.80	588
A	May 2010	143	131	1	110	6	116	7492.59	602
L	Jun 2010	205	186	1	51	0	51	7508.76	735
*	Jul 2010	50	60	1	98	0	98	7504.17	696
	Aug 2010	59	68	1	90	0	90	7501.40	673
	Sep 2010	38	46	1	82	0	82	7496.82	635
	WY 2010	743	746	8	748	6	753		
	Oct 2010	35	35	1	58	0	58	7493.88	612
	Nov 2010	28	29	0	30	0	30	7493.71	610
	Dec 2010	25	26	0	56	0	56	7490.00	581
	Jan 2011	22	24	0	63	0	63	7484.88	542
	Feb 2011	20	23	0	53	0	53	7480.80	512
	Mar 2011	29	31	0	40	0	40	7479.57	503
	Apr 2011	74	74	1	45	0	45	7483.39	531
	May 2011	215	202	1	100	0	100	7496.39	632
	Jun 2011	270	246	1	74	0	74	7516.40	803
	Jul 2011	96	101	2	109	0	109	7515.34	793
	Aug 2011	50	61	1	122	0	122	7508.31	731
	Sep 2011	41	50	1	113	0	113	7500.72	667
	WY 2011	905	903	9	862	0	862		
	Oct 2011	36	39	1	58	0	58	7498.39	648
	Nov 2011	31	32	0	28	0	28	7498.80	652
	Dec 2011	25	27	0	97	0	97	7490.00	581
	Jan 2012	24	26	0	79	0	79	7482.99	528
	Feb 2012	23	25	0	56	0	56	7478.71	497
	Mar 2012	34	36	0	43	0	43	7477.67	489
	Apr 2012	73	72	1	48	0	48	7480.91	513
	May 2012	212	199	1	110	0	110	7492.41	600
	Jun 2012	271	246	1	60	0	60	7514.43	785
	Jul 2012	121	122	2	103	0	103	7516.40	802

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Morrow Point Reservoir

		Unreg Inflow 1000 Ac-Ft	Blue_Mesa Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Evap losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Aug 2009	42	128	0	128	0	129	0	129	7154.90	113
H	Sep 2009	27	93	1	94	0	100	0	100	7146.95	107
	WY 2009	1088	1006	70	1076	1	1074	9	1082		
I	Oct 2009	34	81	1	82	0	81	0	81	7148.23	108
S	Nov 2009	29	28	2	30	0	27	0	27	7152.38	111
T	Dec 2009	22	47	1	48	0	47	0	47	7153.12	112
O	Jan 2010	24	43	2	45	0	47	0	47	7150.49	109
R	Feb 2010	22	38	1	38	0	41	0	41	7147.10	107
I	Mar 2010	29	33	1	34	0	34	0	34	7147.29	107
C	Apr 2010	107	45	11	57	0	55	0	55	7149.84	109
A	May 2010	159	116	16	132	0	129	0	129	7154.46	113
L	Jun 2010	216	51	12	63	0	64	0	64	7153.15	112
*	Jul 2010	51	98	1	98	0	96	0	96	7156.02	114
	Aug 2010	62	90	3	93	0	95	0	95	7153.73	112
	Sep 2010	41	82	3	85	0	85	0	85	7153.73	112
	WY 2010	796	753	53	806	1	800	0	800		
	Oct 2010	38	58	3	61	0	61	0	61	7153.73	112
	Nov 2010	30	30	2	32	0	32	0	32	7153.73	112
	Dec 2010	27	56	2	58	0	58	0	58	7153.73	112
	Jan 2011	24	63	2	65	0	65	0	65	7153.73	112
	Feb 2011	21	53	1	54	0	54	0	54	7153.73	112
	Mar 2011	32	40	3	43	0	43	0	43	7153.73	112
	Apr 2011	87	45	13	58	0	58	0	58	7153.73	112
	May 2011	245	100	30	130	0	130	0	130	7153.73	112
	Jun 2011	290	74	20	94	0	94	0	94	7153.73	112
	Jul 2011	103	109	7	116	0	116	0	116	7153.73	112
	Aug 2011	55	122	5	127	0	127	0	127	7153.73	112
	Sep 2011	43	113	2	115	0	115	0	115	7153.73	112
	WY 2011	995	862	90	952	0	952	0	952		
	Oct 2011	38	58	3	61	0	61	0	61	7153.73	112
	Nov 2011	33	28	2	30	0	30	0	30	7153.73	112
	Dec 2011	27	97	2	99	0	99	0	99	7153.73	112
	Jan 2012	26	79	2	81	0	81	0	81	7153.73	112
	Feb 2012	26	56	3	59	0	59	0	59	7153.73	112
	Mar 2012	38	43	4	47	0	47	0	47	7153.73	112
	Apr 2012	84	48	11	59	0	59	0	59	7153.73	112
	May 2012	237	110	25	136	0	136	0	136	7153.73	112
	Jun 2012	292	60	21	81	0	81	0	81	7153.73	112
	Jul 2012	127	103	7	110	0	110	0	110	7153.73	112

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Crystal Reservoir

	unreg Inflow 1000 Ac-Ft	Morrow Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Tunnel Flow 1000 Ac-Ft	Below_tunnel Flow 1000 Ac-Ft
* Aug 2009	44	129	2	131	130	0	130	6746.30	15	74	71
H Sep 2009	29	100	2	102	102	0	102	6746.55	15	72	46
WY 2009	1209	1082	121	1203	964	238	1202			431	853
I Oct 2009	36	81	3	84	72	10	82	6751.89	17	60	36
S Nov 2009	32	27	3	29	31	0	31	6747.51	15	1	31
T Dec 2009	25	47	3	51	52	0	52	6743.59	14	1	53
O Jan 2010	26	47	3	50	49	0	49	6745.38	15	1	50
R Feb 2010	25	41	3	44	25	17	42	6751.67	17	1	43
I Mar 2010	33	34	4	38	38	0	38	6751.84	17	1	38
C Apr 2010	118	55	11	66	66	0	66	6750.96	16	34	34
A May 2010	179	129	20	148	108	39	148	6752.53	17	60	91
L Jun 2010	242	64	25	89	89	0	89	6752.91	17	56	39
* Jul 2010	55	96	4	100	100	0	100	6751.15	16	69	39
Aug 2010	70	95	8	103	102	0	102	6753.04	17	65	37
Sep 2010	47	85	6	91	91	0	91	6753.04	17	55	36
WY 2010	888	800	92	892	824	67	890			403	528
Oct 2010	44	61	6	67	67	0	67	6753.04	17	30	37
Nov 2010	34	32	4	36	36	0	36	6753.04	17	0	36
Dec 2010	30	58	3	61	61	0	61	6753.04	17	0	61
Jan 2011	27	65	3	68	68	0	68	6753.04	17	0	68
Feb 2011	23	54	2	56	56	0	56	6753.04	17	0	56
Mar 2011	37	43	5	48	48	0	48	6753.04	17	5	43
Apr 2011	103	58	16	74	74	0	74	6753.04	17	30	44
May 2011	285	130	40	170	134	36	170	6753.04	17	55	115
Jun 2011	325	94	35	129	129	0	129	6753.04	17	60	69
Jul 2011	116	116	13	129	129	0	129	6753.04	17	65	64
Aug 2011	61	127	6	133	133	0	133	6753.04	17	65	68
Sep 2011	50	115	7	122	122	0	122	6753.04	17	55	67
WY 2011	1135	952	140	1092	1056	36	1092			365	727
Oct 2011	44	61	6	67	67	0	67	6753.04	17	30	37
Nov 2011	38	30	5	35	35	0	35	6753.04	17	0	35
Dec 2011	32	99	5	104	104	0	104	6753.04	17	0	104
Jan 2012	31	81	5	86	86	0	86	6753.04	17	0	86
Feb 2012	30	59	4	63	63	0	63	6753.04	17	0	63
Mar 2012	46	47	7	54	54	0	54	6753.04	17	5	49
Apr 2012	96	59	12	71	71	0	71	6753.04	17	30	41
May 2012	272	136	35	171	134	36	171	6753.04	17	55	116
Jun 2012	330	81	38	120	120	0	120	6753.04	17	60	60
Jul 2012	144	110	17	127	127	0	127	6753.04	17	65	62

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Vallecito Reservoir

		Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Aug 2009	8	39	7643.59	72
H	Sep 2009	8	30	7632.32	49
	WY 2009	237	254		
I	Oct 2009	8	13	7629.82	44
S	Nov 2009	4	3	7630.41	45
T	Dec 2009	4	3	7630.60	46
O	Jan 2010	4	3	7631.27	47
R	Feb 2010	3	4	7630.95	46
I	Mar 2010	3	8	7628.45	42
C	Apr 2010	27	4	7640.13	65
A	May 2010	69	20	7660.32	113
L	Jun 2010	46	42	7661.51	116
*	Jul 2010	12	37	7651.21	90
	Aug 2010	21	37	7644.19	73
	Sep 2010	14	30	7636.30	57
	WY 2010	215	204		
	Oct 2010	11	21	7630.79	46
	Nov 2010	7	6	7631.54	48
	Dec 2010	5	5	7631.95	48
	Jan 2011	4	3	7632.63	50
	Feb 2011	4	3	7633.08	50
	Mar 2011	7	3	7635.04	54
	Apr 2011	22	10	7640.56	65
	May 2011	74	35	7656.89	104
	Jun 2011	77	57	7664.37	124
	Jul 2011	26	43	7657.69	106
	Aug 2011	18	39	7648.94	84
	Sep 2011	14	29	7642.28	69
	WY 2011	270	254		
	Oct 2011	14	19	7639.74	64
	Nov 2011	8	6	7640.81	66
	Dec 2011	6	5	7641.44	67
	Jan 2012	5	5	7641.66	68
	Feb 2012	5	4	7641.84	68
	Mar 2012	8	5	7643.33	72
	Apr 2012	22	12	7647.59	81
	May 2012	69	48	7656.17	102
	Jun 2012	78	65	7660.82	114
	Jul 2012	31	43	7655.90	102

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Navajo Reservoir

		Mod_Unreg Inflow 1000 Ac-Ft	Azetea Tunnel_Div 1000 Ac-Ft	Reg Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	NIIP Diversion 1000 ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Farm Flow 1000 Ac-Ft
*	Aug 2009	-11	0	20	4	42	49	6059.96	1347	47
H	Sep 2009	5	0	28	3	22	37	6057.30	1314	39
	WY 2009	845	106	756	28	209	525			937
I	Oct 2009	16	0	21	2	13	37	6054.76	1283	45
S	Nov 2009	15	0	14	1	0	30	6053.34	1265	48
T	Dec 2009	13	0	12	1	0	32	6051.61	1245	48
O	Jan 2010	15	0	14	1	0	32	6050.04	1226	49
R	Feb 2010	16	0	16	1	0	27	6049.04	1214	43
I	Mar 2010	64	1	68	1	3	31	6051.78	1247	52
C	Apr 2010	222	22	179	2	12	28	6062.79	1384	75
A	May 2010	265	36	182	4	26	30	6071.80	1506	126
L	Jun 2010	152	28	116	5	40	33	6074.50	1544	118
*	Jul 2010	15	2	39	5	47	57	6069.52	1474	72
	Aug 2010	40	1	55	4	43	47	6066.63	1434	47
	Sep 2010	32	0	48	3	24	43	6065.00	1413	43
	WY 2010	865	89	765	29	210	427			766
	Oct 2010	38	2	47	2	8	31	6065.51	1419	31
	Nov 2010	33	0	31	1	0	30	6065.54	1420	30
	Dec 2010	24	0	23	1	0	31	6064.90	1411	31
	Jan 2011	22	0	21	1	0	31	6064.08	1401	31
	Feb 2011	28	0	27	1	0	28	6063.94	1399	28
	Mar 2011	84	2	78	2	4	31	6067.06	1440	31
	Apr 2011	160	16	133	3	17	34	6072.81	1520	34
	May 2011	285	33	213	4	29	200	6071.38	1500	200
	Jun 2011	245	29	196	5	44	212	6066.66	1435	212
	Jul 2011	47	7	57	5	47	31	6064.77	1410	31
	Aug 2011	30	3	48	4	40	31	6062.81	1384	31
	Sep 2011	34	1	48	3	22	30	6062.26	1377	30
	WY 2011	1030	93	921	29	210	718			718
	Oct 2011	40	1	44	2	8	31	6062.59	1381	31
	Nov 2011	33	0	30	1	0	30	6062.56	1381	30
	Dec 2011	24	0	22	1	0	31	6061.85	1372	31
	Jan 2012	22	0	21	1	0	31	6061.06	1361	31
	Feb 2012	31	0	31	1	0	29	6061.14	1362	29
	Mar 2012	88	2	83	2	4	61	6062.36	1378	61
	Apr 2012	174	16	148	3	17	60	6067.56	1447	60
	May 2012	279	33	224	4	29	200	6066.91	1438	200
	Jun 2012	246	29	205	4	44	212	6062.70	1382	212
	Jul 2012	74	7	79	4	47	31	6062.47	1379	31

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Lake Powell

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	PowerPlant Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Bank Storage 1000 Ac-Ft	EOM Storage 1000 Ac-Ft	Lees Ferry 1000 Ac-Ft
*	Aug 2009	334	547	66	802	0	802	3637.50	17834	15710	829
H	Sep 2009	274	479	59	598	0	598	3635.37	17902	15463	613
	WY 2009	10748	10232	437	8235	0	8235				8396
I	Oct 2009	360	526	41	620	0	620	3633.52	17979	15251	634
S	Nov 2009	421	495	39	692	0	692	3631.10	18018	14976	702
T	Dec 2009	308	437	30	901	0	901	3626.22	18066	14434	925
O	Jan 2010	302	425	9	900	0	900	3622.14	18023	13991	925
R	Feb 2010	294	384	10	631	0	631	3620.16	17978	13780	644
I	Mar 2010	477	474	17	602	0	602	3619.41	17912	13701	612
C	Apr 2010	944	717	26	602	0	602	3620.50	17886	13816	614
A	May 2010	1399	1224	32	601	0	601	3625.96	17887	14405	612
L	Jun 2010	2776	2321	53	601	0	601	3638.82	18096	15864	612
*	Jul 2010	676	708	65	802	0	802	3636.52	18205	15596	824
	Aug 2010	580	698	64	801	0	801	3635.18	18192	15441	801
	Sep 2010	450	576	59	476	0	476	3635.52	18196	15480	476
	WY 2010	8988	8985	444	8230	0	8230				8381
	Oct 2010	500	549	41	492	0	492	3635.64	18197	15494	492
	Nov 2010	475	499	39	800	0	800	3632.89	18171	15179	800
	Dec 2010	400	475	31	950	0	950	3628.73	18134	14711	950
	Jan 2011	350	438	9	950	0	950	3624.33	18095	14228	950
	Feb 2011	350	413	10	900	0	900	3620.04	18059	13767	900
	Mar 2011	600	566	16	900	0	900	3616.96	18033	13443	900
	Apr 2011	900	733	25	1100	0	1100	3613.44	18003	13080	1100
	May 2011	2250	2021	30	1156	0	1156	3620.84	18065	13852	1156
	Jun 2011	2800	2462	50	1185	0	1185	3631.21	18156	14988	1185
	Jul 2011	1150	1106	62	1260	0	1260	3629.42	18140	14788	1260
	Aug 2011	525	656	60	1175	0	1175	3624.55	18097	14252	1175
	Sep 2011	450	587	54	714	0	714	3623.00	18084	14084	714
	WY 2011	10750	10503	429	11582	0	11582				11582
	Oct 2011	514	577	37	738	0	738	3621.28	18069	13900	738
	Nov 2011	523	564	36	700	0	700	3619.79	18056	13741	700
	Dec 2011	414	556	28	800	0	800	3617.39	18036	13489	800
	Jan 2012	384	507	9	800	0	800	3614.70	18014	13209	800
	Feb 2012	408	486	9	600	0	600	3613.59	18005	13095	600
	Mar 2012	628	612	16	600	0	600	3613.56	18004	13092	600
	Apr 2012	950	798	25	600	0	600	3615.11	18017	13252	600
	May 2012	2161	1906	31	600	0	600	3626.20	18112	14432	600
	Jun 2012	2811	2447	53	716	0	716	3639.86	18236	15986	716
	Jul 2012	1346	1255	67	800	0	800	3642.88	18265	16345	800

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Hoover Dam - Lake Mead

		Glen Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	SNWP Use 1000 Ac-Ft	Dwnstrm Reqmnts 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
*	Aug 2009	802	59	74	801	13.0	30	792	711	1093.73	10938
H	Sep 2009	598	55	61	575	9.7	22	570	711	1093.68	10933
	WY 2009	8235	651	585	9210		242	9119			
I	Oct 2009	620	23	44	613	10.0	25	608	708	1093.26	10897
S	Nov 2009	692	39	44	648	10.9	15	647	710	1093.52	10919
T	Dec 2009	901	51	39	646	10.5	9	629	726	1096.30	11162
O	Jan 2010	900	124	32	634	10.3	6	578	747	1100.02	11493
R	Feb 2010	631	112	30	400	7.2	6	399	766	1103.21	11780
I	Mar 2010	602	87	33	889	14.5	12	868	751	1100.66	11550
C	Apr 2010	602	138	41	933	15.7	19	856	735	1098.00	11313
A	May 2010	601	87	47	961	15.6	28	933	714	1094.30	10987
L	Jun 2010	601	30	55	1007	16.9	27	1006	686	1089.30	10556
*	Jul 2010	802	30	68	941	15.3	35	937	673	1086.97	10357
	Aug 2010	801	106	72	815	13.3	23	815	673	1086.94	10355
	Sep 2010	476	71	59	727	12.2	18	727	657	1084.07	10113
	WY 2010	8230	897	564	9214		221	9003			
	Oct 2010	492	55	43	608	9.9	29	608	649	1082.57	9989
	Nov 2010	800	54	42	728	12.2	19	728	653	1083.30	10049
	Dec 2010	950	57	37	682	11.1	13	682	670	1086.38	10307
	Jan 2011	950	135	31	688	11.2	16	688	691	1090.24	10635
	Feb 2011	900	135	29	674	12.1	18	674	711	1093.66	10931
	Mar 2011	900	101	32	1009	16.4	25	1009	707	1092.95	10870
	Apr 2011	1100	71	40	1145	19.2	19	1145	705	1092.60	10839
	May 2011	1156	73	46	991	16.1	28	991	715	1094.37	10993
	Jun 2011	1185	28	56	847	14.2	26	847	732	1097.40	11260
	Jul 2011	1260	61	71	895	14.5	28	895	752	1100.85	11567
	Aug 2011	1175	106	77	817	13.3	29	817	774	1104.56	11903
	Sep 2011	714	71	64	687	11.5	24	687	774	1104.66	11912
	WY 2011	11582	946	568	9770		274	9770			
	Oct 2011	738	55	47	471	7.7	36	471	789	1107.10	12137
	Nov 2011	700	54	47	581	9.8	25	581	795	1108.13	12231
	Dec 2011	800	57	41	563	9.2	19	563	809	1110.48	12451
	Jan 2012	800	135	34	684	11.1	20	684	821	1112.46	12637
	Feb 2012	600	138	31	668	11.6	21	668	822	1112.63	12653
	Mar 2012	600	101	35	1004	16.3	28	1004	800	1108.97	12310
	Apr 2012	600	71	42	1138	19.1	22	1138	768	1103.54	11810
	May 2012	600	73	48	985	16.0	32	985	744	1099.46	11443
	Jun 2012	716	28	57	841	14.1	29	841	733	1097.52	11270
	Jul 2012	800	61	71	888	14.4	31	888	725	1096.15	11149

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Davis Dam - Lake Mohave

	Hoover Release 1000 Ac-Ft	Side inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Spill Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
* Aug 2009	801	-8	23	756	0	756	12.3	641.90	1669
H Sep 2009	575	2	18	726	0	726	12.2	635.60	1501
WY 2009	9210	-123	197	9008	0	9008			
I Oct 2009	613	-8	14	623	0	623	10.1	634.34	1469
S Nov 2009	648	-15	10	590	0	590	9.9	635.61	1502
T Dec 2009	646	-24	9	532	0	532	8.7	638.68	1582
O Jan 2010	634	-15	10	456	0	456	7.4	644.34	1736
R Feb 2010	400	-4	10	442	0	442	8.0	642.31	1680
I Mar 2010	889	-18	13	862	0	862	14.0	642.17	1676
C Apr 2010	933	-17	17	878	0	878	14.8	642.94	1697
A May 2010	961	-19	22	937	0	937	15.2	642.30	1680
L Jun 2010	1007	-23	25	912	0	912	15.3	643.98	1726
* Jul 2010	941	-14	26	913	0	913	14.8	643.57	1714
Aug 2010	815	-3	23	832	0	832	13.5	642.00	1671
Sep 2010	727	1	18	817	0	817	13.7	638.00	1564
WY 2010	9214	-160	197	8794	0	8794			
Oct 2010	608	5	15	728	0	728	11.8	633.00	1434
Nov 2010	728	-9	10	657	0	657	11.0	635.00	1486
Dec 2010	682	-12	9	563	0	563	9.2	638.71	1583
Jan 2011	688	-13	10	582	0	582	9.5	641.80	1666
Feb 2011	674	-5	10	659	0	659	11.9	641.80	1666
Mar 2011	1009	-14	13	948	0	948	15.4	643.05	1700
Apr 2011	1145	-15	17	1115	0	1115	18.7	643.00	1699
May 2011	991	-10	22	959	0	959	15.6	643.00	1699
Jun 2011	847	-2	25	847	0	847	14.2	642.00	1671
Jul 2011	895	3	25	886	0	886	14.4	641.50	1658
Aug 2011	817	-3	23	791	0	791	12.9	641.50	1658
Sep 2011	687	1	18	764	0	764	12.8	638.00	1564
WY 2011	9770	-73	197	9500	0	9500			
Oct 2011	471	5	15	592	0	592	9.6	633.00	1434
Nov 2011	581	-9	10	510	0	510	8.6	635.00	1486
Dec 2011	563	-12	9	445	0	445	7.2	638.71	1583
Jan 2012	684	-13	10	577	0	577	9.4	641.80	1666
Feb 2012	668	-5	10	653	0	653	11.4	641.80	1666
Mar 2012	1004	-14	13	943	0	943	15.3	643.05	1700
Apr 2012	1138	-15	17	1108	0	1108	18.6	643.00	1699
May 2012	985	-10	22	953	0	953	15.5	643.00	1699
Jun 2012	841	-2	25	841	0	841	14.1	642.00	1671
Jul 2012	888	3	25	880	0	880	14.3	641.50	1658

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Parker Dam - Lake Havasu

	Davis Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	MWD Diversion 1000 Ac-Ft	CAP diversion 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft	Flow_to Mexico 1000 Ac-Ft	Flow_to Mexico 1000 CFS
* Aug 2009	756	24	17	582	9.5	100	70	448.19	584	101	1.6
H Sep 2009	726	21	15	505	8.5	96	143	447.16	564	93	1.6
WY 2009	9008	180	139	6347		1070	1602			1584	
I Oct 2009	623	17	12	446	7.2	26	133	448.03	581	77	1.2
S Nov 2009	590	32	9	365	6.1	107	144	447.61	573	103	1.7
T Dec 2009	532	28	7	301	4.9	104	149	447.34	568	135	2.2
O Jan 2010	456	41	6	233	3.8	99	126	448.89	597	174	2.8
R Feb 2010	442	10	8	331	6.0	66	91	446.29	548	141	2.5
I Mar 2010	862	55	9	668	10.9	90	128	447.15	564	233	3.8
C Apr 2010	878	34	11	670	11.3	43	153	448.61	592	210	3.5
A May 2010	937	23	13	662	10.8	102	172	448.83	596	114	1.9
L Jun 2010	912	23	16	650	10.9	91	171	448.64	592	113	1.9
* Jul 2010	913	18	17	743	12.1	107	49	448.61	592	126	2.1
Aug 2010	832	20	17	632	10.3	109	101	447.50	571	96	1.6
Sep 2010	817	13	15	536	9.0	105	175	447.00	561	89	1.5
WY 2010	8794	313	140	6238		1051	1593			1610	
Oct 2010	728	20	12	449	7.3	109	184	446.31	548	77	1.3
Nov 2010	657	22	8	379	6.4	105	177	446.50	552	107	1.8
Dec 2010	563	20	6	290	4.7	109	174	446.50	552	119	1.9
Jan 2011	582	34	6	348	5.7	93	164	446.50	552	122	2.0
Feb 2011	659	40	8	445	8.0	85	155	446.50	552	153	2.8
Mar 2011	948	45	9	705	11.5	93	172	446.70	555	208	3.4
Apr 2011	1115	15	11	815	13.7	91	165	448.70	593	200	3.4
May 2011	959	11	13	694	11.3	94	158	448.70	593	111	1.8
Jun 2011	847	7	16	643	10.8	91	89	448.70	593	112	1.9
Jul 2011	886	14	17	716	11.7	93	72	448.00	580	118	1.9
Aug 2011	791	20	17	630	10.2	93	67	447.50	571	92	1.5
Sep 2011	764	13	15	549	9.2	70	147	446.81	557	89	1.5
WY 2011	9500	260	139	6663		1128	1725			1509	
Oct 2011	592	20	12	456	7.4	32	112	446.31	548	72	1.2
Nov 2011	510	22	8	372	6.3	32	111	446.50	552	105	1.8
Dec 2011	445	20	6	297	4.8	32	124	446.50	552	118	1.9
Jan 2012	577	34	6	349	5.7	87	165	446.50	552	122	2.0
Feb 2012	653	41	8	446	7.8	78	156	446.50	552	153	2.7
Mar 2012	943	45	9	705	11.5	87	174	446.70	555	208	3.4
Apr 2012	1108	15	11	814	13.7	84	166	448.70	593	200	3.4
May 2012	953	11	13	694	11.3	87	159	448.70	593	111	1.8
Jun 2012	841	7	16	643	10.8	84	90	448.70	593	112	1.9
Jul 2012	880	14	17	716	11.7	87	72	448.00	580	118	1.9

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Hoover Dam - Lake Mead

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Hoover Static Head Feet	Hoover Generator Capacity MW	Hoover Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Aug 2009	801	13.0	1093.73	10938	-41	448.10	1648.0	307.5	100	383.8
H	Sep 2009	574	9.7	1093.68	10933	-4	451.94	1656.0	215.3	100	374.9
	WY 2009	9210							3592.3		
I	Oct 2009	613	10.0	1093.26	10897	-37	450.76	1158.0	235.5	70	384.4
S	Nov 2009	648	10.9	1093.52	10919	23	451.32	1358.0	251.9	82	388.7
T	Dec 2009	646	10.5	1096.30	11162	243	451.68	1037.0	248.8	63	385.3
O	Jan 2010	634	10.3	1100.02	11493	330	452.24	1050.0	248.9	63	392.4
R	Feb 2010	400	7.2	1103.21	11780	288	456.23	1044.0	152.7	63	381.5
I	Mar 2010	889	14.5	1100.66	11550	-230	452.57	1272.0	353.9	75	398.0
C	Apr 2010	933	15.7	1098.00	11313	-237	451.78	1392.0	370.4	82	397.0
A	May 2010	961	15.6	1094.30	10987	-326	449.26	1371.0	378.0	82	393.4
L	Jun 2010	1007	16.9	1089.30	10556	-431	442.32	1556.0	390.5	94	387.7
*	Jul 2010	941	15.3	1086.97	10357	-198	441.50	1640.0	360.3	100	382.9
	Aug 2010	815	13.3	1086.94	10355	-3	433.56	1617.0	319.4	100	392.0
	Sep 2010	727	12.2	1084.07	10113	-242	433.93	1600.0	282.7	100	388.6
	WY 2010	9214							3593.0		
	Oct 2010	608	9.9	1082.57	9989	-124	436.04	1299.0	236.1	81	388.4
	Nov 2010	728	12.2	1083.30	10049	61	437.37	1287.0	287.1	81	394.5
	Dec 2010	682	11.1	1086.38	10307	258	436.70	1408.0	264.5	87	387.7
	Jan 2011	688	11.2	1090.24	10635	328	439.85	1135.0	271.6	69	394.5
	Feb 2011	674	12.1	1093.66	10931	296	440.49	1450.0	266.4	88	395.5
	Mar 2011	1009	16.4	1092.95	10870	-62	442.56	1274.1	404.5	77	400.8
	Apr 2011	1145	19.2	1092.60	10839	-30	440.13	1502.3	461.8	91	403.4
	May 2011	991	16.1	1094.37	10993	154	439.90	1659.0	387.4	100	391.0
	Jun 2011	847	14.2	1097.40	11260	266	442.60	1677.0	341.3	100	402.9
	Jul 2011	895	14.5	1100.85	11567	307	446.30	1694.0	356.3	100	398.3
	Aug 2011	817	13.3	1104.56	11903	336	450.02	1714.0	331.6	100	406.0
	Sep 2011	687	11.5	1104.66	11912	9	453.05	1714.0	275.6	100	401.1
	WY 2011	9770							3884.0		
	Oct 2011	471	7.7	1107.10	12137	225	456.44	1728.0	188.8	100	400.9
	Nov 2011	581	9.8	1108.13	12231	95	459.80	1728.0	234.2	100	403.4
	Dec 2011	563	9.2	1110.48	12451	220	459.61	1742.0	225.0	100	399.5
	Jan 2012	684	11.1	1112.46	12637	186	462.90	1208.5	281.8	69	412.3
	Feb 2012	668	11.6	1112.63	12653	16	460.96	1525.3	273.5	88	409.4
	Mar 2012	1004	16.3	1108.97	12310	-344	459.96	1343.5	416.5	77	415.1
	Apr 2012	1138	19.1	1103.54	11810	-499	453.51	1588.0	472.2	91	414.7
	May 2012	985	16.0	1099.46	11443	-367	447.85	1742.0	391.3	100	397.2
	Jun 2012	841	14.1	1097.52	11270	-172	445.19	1742.0	340.5	100	404.8
	Jul 2012	888	14.4	1096.15	11149	-121	444.04	1742.0	359.6	100	404.8

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Davis Dam - Lake Mohave

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Davis Static Head Feet	Davis Generator Capacity MW	Davis Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Aug 2009	756	12.3	641.90	1669	14	142.57	255.0	94.4	100	124.8
H	Sep 2009	726	12.2	635.60	1501	-167	135.87	255.0	89.2	100	122.8
	WY 2009	9008							1106.2		
I	Oct 2009	623	10.1	634.34	1469	-33	134.58	216.8	74.2	85	119.1
S	Nov 2009	590	9.9	635.61	1502	33	136.02	186.2	70.9	73	120.3
T	Dec 2009	532	8.7	638.68	1582	81	139.08	188.7	65.9	74	123.8
O	Jan 2010	456	7.4	644.34	1736	153	144.98	204.0	57.9	80	127.1
R	Feb 2010	442	8.0	642.31	1680	-56	138.83	216.8	56.9	85	128.6
I	Mar 2010	862	14.0	642.17	1676	-4	138.67	249.9	109.8	98	127.5
C	Apr 2010	878	14.8	642.94	1697	21	141.04	255.0	111.0	100	126.4
A	May 2010	937	15.2	642.30	1680	-17	140.64	255.0	118.5	100	126.4
L	Jun 2010	912	15.3	643.98	1726	46	140.66	255.0	115.5	100	126.6
*	Jul 2010	913	14.8	643.57	1714	-11	141.98	242.2	115.3	95	126.4
	Aug 2010	832	13.5	642.00	1671	-43	135.81	255.0	104.4	100	125.6
	Sep 2010	817	13.7	638.00	1564	-107	132.89	255.0	100.5	100	123.0
	WY 2010	8794							1100.9		
	Oct 2010	728	11.8	633.00	1434	-130	128.15	255.0	87.1	100	119.6
	Nov 2010	657	11.0	635.00	1486	51	129.81	153.0	77.9	60	118.5
	Dec 2010	563	9.2	638.71	1583	97	132.78	153.0	68.6	60	121.8
	Jan 2011	582	9.5	641.80	1666	83	136.23	155.5	72.6	61	124.7
	Feb 2011	659	11.9	641.80	1666	0	137.86	153.0	82.5	60	125.2
	Mar 2011	948	15.4	643.05	1700	34	137.40	186.2	118.2	73	124.6
	Apr 2011	1115	18.7	643.00	1699	-2	137.09	216.8	138.4	85	124.2
	May 2011	959	15.6	643.00	1699	0	136.04	255.0	120.0	100	125.1
	Jun 2011	847	14.2	642.00	1671	-27	135.51	255.0	105.9	100	125.1
	Jul 2011	886	14.4	641.50	1658	-14	134.73	255.0	110.1	100	124.3
	Aug 2011	791	12.9	641.50	1658	0	134.46	255.0	98.6	100	124.6
	Sep 2011	764	12.8	638.00	1564	-94	132.62	255.0	94.0	100	123.1
	WY 2011	9500							1173.9		
	Oct 2011	592	9.6	633.00	1434	-130	128.65	237.2	71.2	93	120.4
	Nov 2011	510	8.6	635.00	1486	51	127.14	234.6	60.9	92	119.4
	Dec 2011	445	7.2	638.71	1583	97	130.00	239.7	54.5	94	122.5
	Jan 2012	577	9.4	641.80	1666	83	134.16	219.3	72.0	86	124.7
	Feb 2012	653	11.4	641.80	1666	0	135.05	244.8	81.9	96	125.4
	Mar 2012	943	15.3	643.05	1700	34	135.44	255.0	117.5	100	124.7
	Apr 2012	1108	18.6	643.00	1699	-2	136.07	255.0	137.7	100	124.2
	May 2012	953	15.5	643.00	1699	0	136.04	255.0	119.3	100	125.1
	Jun 2012	841	14.1	642.00	1671	-27	135.51	255.0	105.2	100	125.1
	Jul 2012	880	14.3	641.50	1658	-14	134.73	255.0	109.4	100	124.4

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T E M R E S E R V O I R S

Bureau of Reclamation - CRFS 8/2010 Most Prob Water Supply 12-aug-2010 07:52:35
Parker Dam - Lake Havasu

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Parker Static Head Feet	Parker Generator Capacity MW	Parker Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Aug 2009	582	9.5	448.19	584	2	80.02	118.8	39.9	99	68.6
H	Sep 2009	505	8.5	447.16	564	-19	81.08	87.6	35.0	73	69.2
	WY 2009	6347							433.2		
I	Oct 2009	446	7.2	448.03	581	16	80.62	90.0	30.5	75	68.5
S	Nov 2009	365	6.1	447.61	573	-8	81.65	66.0	25.9	55	71.0
T	Dec 2009	301	4.9	447.34	568	-5	81.50	76.8	20.2	64	67.1
O	Jan 2010	233	3.8	448.89	597	29	82.98	66.0	15.6	55	66.8
R	Feb 2010	331	6.0	446.29	548	-49	78.17	90.0	22.8	75	68.8
I	Mar 2010	668	10.9	447.15	564	16	81.28	90.0	45.4	75	67.9
C	Apr 2010	670	11.3	448.61	592	28	81.42	90.0	46.8	75	69.8
A	May 2010	662	10.8	448.83	596	4	81.45	115.2	46.0	96	69.6
L	Jun 2010	650	10.9	448.64	592	-4	80.58	120.0	46.4	100	71.3
*	Jul 2010	743	12.1	448.61	592	-1	82.51	120.0	50.9	100	68.4
	Aug 2010	632	10.3	447.50	571	-21	75.43	120.0	41.6	100	65.8
	Sep 2010	536	9.0	447.00	561	-9	74.64	120.0	34.8	100	64.9
	WY 2010	6238							426.8		
	Oct 2010	449	7.3	446.31	548	-13	74.86	102.0	29.0	85	64.7
	Nov 2010	379	6.4	446.50	552	3	74.62	102.0	24.3	85	64.1
	Dec 2010	290	4.7	446.50	552	0	74.71	102.0	18.2	85	63.0
	Jan 2011	348	5.7	446.50	552	0	74.71	102.0	22.2	85	63.7
	Feb 2011	445	8.0	446.50	552	0	73.92	120.0	28.5	100	64.1
	Mar 2011	705	11.5	446.70	555	4	74.01	120.0	45.8	100	64.9
	Apr 2011	815	13.7	448.70	593	38	75.08	120.0	53.8	100	66.1
	May 2011	694	11.3	448.70	593	0	76.05	120.0	46.1	100	66.5
	Jun 2011	643	10.8	448.70	593	0	76.05	120.0	42.6	100	66.4
	Jul 2011	716	11.7	448.00	580	-13	75.71	120.0	47.5	100	66.3
	Aug 2011	630	10.2	447.50	571	-10	75.13	120.0	41.3	100	65.6
	Sep 2011	549	9.2	446.81	557	-13	74.55	120.0	35.7	100	64.9
	WY 2011	6663							435.1		
	Oct 2011	456	7.4	446.31	548	-9	74.77	102.0	29.5	85	64.7
	Nov 2011	372	6.3	446.50	552	3	74.62	102.0	23.8	85	64.0
	Dec 2011	297	4.8	446.50	552	0	74.71	102.0	18.8	85	63.1
	Jan 2012	349	5.7	446.50	552	0	74.71	102.0	22.3	85	63.7
	Feb 2012	446	7.8	446.50	552	0	73.92	120.0	28.6	100	64.0
	Mar 2012	705	11.5	446.70	555	4	74.01	120.0	45.8	100	64.9
	Apr 2012	814	13.7	448.70	593	38	75.08	120.0	53.8	100	66.1
	May 2012	694	11.3	448.70	593	0	76.05	120.0	46.1	100	66.5
	Jun 2012	643	10.8	448.70	593	0	76.05	120.0	42.7	100	66.4
	Jul 2012	716	11.7	448.00	580	-13	75.71	120.0	47.5	100	66.3

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T Y M R E S E R V O I R S

Bureau of Reclamation - CRFS 8/2010 Most Prob Water Supply 12-aug-2010 07:52:35
Upper Basin Power

	Glen Canyon 1000 MWHR	Flam Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Res 1000 MWHR	Font Res 1000 MWHR
* Aug 2009	368	50	39	46	23	9
H Sep 2009	275	48	28	35	20	6
Summer 2009	644	98	67	80	42	15
I Oct 2009	285	44	24	28	14	4
S Nov 2009	309	42	8	9	4	0
T Dec 2009	403	42	13	17	9	0
O Jan 2010	401	43	12	16	8	3
R Feb 2010	279	34	11	14	4	3
I Mar 2010	269	23	9	11	6	3
Winter 2010	1945	228	77	95	46	13
C Apr 2010	265	19	13	19	13	3
A May 2010	267	39	31	45	21	3
L Jun 2010	272	54	15	22	18	4
* Jul 2010	368	38	30	34	20	8
Aug 2010	339	36	27	34	18	6
Sep 2010	202	35	25	31	16	4
Summer 2010	1714	220	141	185	104	27
Oct 2010	209	26	17	22	12	5
Nov 2010	338	24	9	12	6	5
Dec 2010	399	25	16	21	10	5
Jan 2011	396	25	18	23	12	5
Feb 2011	372	22	15	19	10	4
Mar 2011	370	25	12	15	8	4
Winter 2011	2084	146	88	112	58	28
Apr 2011	449	24	13	21	13	6
May 2011	473	45	29	47	23	7
Jun 2011	493	69	23	34	22	9
Jul 2011	529	37	34	42	22	10
Aug 2011	489	37	38	46	23	10
Sep 2011	296	35	35	41	21	3
Summer 2011	2729	247	172	231	125	43
Oct 2011	304	37	18	22	12	6
Nov 2011	288	35	8	11	6	6
Dec 2011	328	36	29	36	18	6
Jan 2012	326	36	23	29	15	5
Feb 2012	243	34	16	21	11	4
Mar 2012	243	36	12	17	9	5
Winter 2012	1732	215	106	136	71	32
Apr 2012	243	35	14	21	12	5
May 2012	247	46	32	49	23	6
Jun 2012	302	76	18	29	21	9
Jul 2012	342	50	32	40	22	10

model_run_id = 2065

F L O O D C O N T R O L C R I T E R I A
B E G I N N I N G O F M O N T H C O N D I T I O N S

MON	YEAR	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	LAKE POWELL KAF	UPPER BASIN TOTAL KAF	LAKE MEAD KAF	TOTAL KAF	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	TOT OR MAX ALLOW KAF	LAKE POWELL KAF	LAKE MEAD KAF	TOTAL KAF	BOM SPACE REQD KAF	MEAD SCHED REL KAF	MEAD FC REL KAF	SYS CONT MAF
		* * * * PREDICTED SPACE * * * *							* * * * CREDITABLE SPACE * * * *								
		* * * * CREDITABLE SPACE * * * *																
AUG	2010	507	133	222	8726	9589	17020	26608	507	133	222	863	8726	17020	26608	1500	815	0	33.9
SEP	2010	555	157	262	8881	9854	17022	26876	555	157	262	973	8881	17022	26876	2270	727	0	33.4
OCT	2010	613	194	283	8842	9933	17264	27197	613	194	283	1091	8842	17264	27197	3040	608	0	33.1
NOV	2010	645	218	277	8828	9967	17388	27356	645	218	277	1140	8828	17388	27356	3810	728	0	32.9
DEC	2010	674	219	276	9143	10312	17328	27640	674	219	276	1169	9143	17328	27640	4580	682	0	32.7
JAN	2011	714	248	285	9611	10857	17070	27927	714	248	285	1246	9611	17070	27927	5350	688	0	32.6
												* * * * EFFECTIVE SPACE * * * *							
JAN	2011	714	248	285	9611	10857	17070	27927	343	242	158	743	9611	17070	27423	5350	688	0	32.6
FEB	2011	754	287	295	10094	11431	16742	28172	380	283	168	831	10094	16742	27667	1500	674	0	32.3
MAR	2011	786	318	297	10555	11956	16446	28401	410	316	169	895	10555	16446	27895	1500	1009	0	32.0
APR	2011	793	327	256	10879	12254	16507	28761	413	327	121	861	10879	16507	28247	1500	1145	0	31.8
MAY	2011	756	299	176	11242	12473	16538	29010	368	298	22	688	11242	16538	28469	1500	991	0	32.9
JUN	2011	674	198	196	10470	11537	16384	27921	277	183	9	469	10470	16384	27323	1500	847	0	34.6
JUL	2011	506	27	261	9334	10128	16117	26245	95	-13	26	108	9334	16117	25559	1500	895	0	34.7
												* * * * CREDITABLE SPACE * * * *							
AUG	2011	429	37	286	9534	10286	15810	26096	429	37	286	752	9534	15810	26096	1500	817	0	34.3
SEP	2011	460	98	312	10070	10940	15474	26414	460	98	312	870	10070	15474	26414	2270	687	0	33.9
OCT	2011	517	162	319	10238	11237	15465	26702	517	162	319	998	10238	15465	26702	3040	471	0	33.8
NOV	2011	565	181	315	10422	11484	15240	26725	565	181	315	1062	10422	15240	26725	3810	581	0	33.7
DEC	2011	615	178	315	10581	11689	15146	26835	615	178	315	1108	10581	15146	26835	4580	563	0	33.6
JAN	2012	680	248	324	10833	12086	14926	27012	680	248	324	1252	10833	14926	27012	5350	684	0	33.5
												* * * * EFFECTIVE SPACE * * * *							
JAN	2012	680	248	324	10833	12086	14926	27012	356	248	167	771	10833	14926	26531	5350	684	0	33.5
FEB	2012	740	301	335	11113	12489	14740	27229	416	301	176	893	11113	14740	26746	1500	668	0	33.3
MAR	2012	789	333	334	11227	12682	14724	27406	462	333	174	969	11227	14724	26920	1500	1004	0	33.0
APR	2012	789	340	318	11230	12678	15067	27745	458	340	153	951	11230	15067	27249	1500	1138	0	32.8
MAY	2012	751	317	249	11070	12387	15567	27953	413	317	64	794	11070	15567	27431	1500	985	0	33.9
JUN	2012	624	229	258	9890	11001	15934	26935	276	229	40	545	9890	15934	26369	1500	841	0	35.6
JUL	2012	448	45	314	8336	9143	16107	25249	84	18	48	150	8336	16107	24592	1500	888	0	35.9

September 24-Month Study
Date: September 8, 2010

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

Reservoir	August Inflow (unregulated) (acre-feet)	Percent of Average (%)	September 7 Midnight Elevation (feet)	Reservoir Storage (acre-feet)
Fontenelle	50,000	55	6500.87	306,000
Flaming Gorge	54,000	50	6026.11	3,201,000
Blue Mesa	56,000	87	7498.87	652,000
Navajo	40,000	92	6066.79	1,437,000
Powell	505,000	82	3634.23	15,332,000

Expected Operations

The operation of Lake Powell and Lake Mead in this September 2010 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines), and reflects the 2010 Annual Operating Plan (AOP). Pursuant to the Interim Guidelines, the August 2009 24-Month Study projections of the January 1, 2010 system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead.

The Lake Powell operational tier for water year 2010 is the Upper Elevation Balancing Tier. The Intentionally Created Surplus (ICS) Surplus condition is the criterion governing the operation of Lake Mead for calendar year 2010.

The April 2010 24-Month study projected the end of water year elevation at Lake Powell to be below the Equalization level of 3642 feet and the projected end of water year 2010 elevation at Lake Mead to be above elevation 1075 feet. Pursuant to Sections 6.B.1. and 6.B.4. of the Interim Guidelines, the annual release volume will be 8.23 million acre-feet from Glen Canyon Dam during water year 2010 which is reflected in the September 24-Month Study.

This 24-Month Study currently projects Lake Powell's 2011 end of water year elevation to be above the 2011 Equalization Elevation of 3643 feet under an 8.23 maf release. Based on this 24-Month Study and pursuant to the Interim Guidelines, it is projected that

in April 2011 the Equalization Tier will govern the operation of Lake Powell for the remainder of Water Year 2011. Based on analysis of inflow scenarios, currently the probability of an April adjustment in 2011 is approximately 58 percent.

The Interim Guidelines are available for download at http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The 2010 AOP is available for download at http://www.usbr.gov/lc/region/g4000/AOP2010/AOP10.pdf.

Fontenelle Reservoir – Inflows for the month of August were 50,000 acre-feet, or 55% of average. The reservoir elevation is 6501 feet above sea level and 89% of capacity. Current inflows are approximately 600cfs and reservoir releases are 1,050 cfs. Releases will likely be close to 1,050 for the fall and winter months. The reservoir elevation will continue to decline through the fall and winter.

The Colorado Basin River Forecast Center has issued the water year 2011 (October 2010 to September 2011) forecast. At this early point, inflows over the next year are expected to be 85% of average. Inflows over the next three months are forecasted to be well below average: 40,000 acre-ft (75%), 40,000 acre-ft (77%) and 34,000 acre-ft (77%), for September, October and November respectively.

The next Fontenelle Working Group meeting is scheduled for April 21, 2011 at 10:00 am at the City of Green River City Hall. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir.

Flaming Gorge Reservoir – August observed unregulated inflow into Flaming Gorge reservoir was 54,000 acre-feet (AF), or 50 percent of average inflow. The August end of month elevation was 6026.5 feet, which equates to 3.21 million acre-feet or 85 percent of live storage capacity. Releases out of Flaming Gorge for the base flow period are currently fluctuating around an average daily release of 1,800 cfs. It is anticipated that they will remain at this level until the end of September, when releases will be reduced to 1,050 cfs average daily release.

Yampa River flows during the base flow period impact the hourly release schedule from Flaming Gorge because flows must remain within 0.1 meter stage change at Jensen, Utah. As Yampa River flows decrease, the Flaming Gorge release schedule will change. The hourly release schedule will be communicated as it changes throughout the base flow period.

The next Flaming Gorge Working Group meeting is scheduled for April 26, 2010 at 7:00 p.m. in a location to be determined. The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stake holders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations

and plans presented by Reclamation at these meetings. For more information on this group and these meetings please contact Ed Vidmar at 801-379-1182.

Aspinall Reservoirs – August unregulated inflow into Blue Mesa Reservoir was 56,000 acre-feet or 87 percent of average. Precipitation during August was above average, the observed precipitation was about 150 percent of average. The current inflow rate into Blue Mesa Reservoir is about 500 cfs while reservoir releases are averaging about 1,600 cfs. Blue Mesa's current elevation is 7598.87 feet, which corresponds to a storage content of about 652,000 acre-feet. The observed April through July runoff into Blue Mesa Reservoir was recorded at 494,000 acre-feet or about 69 percent of normal runoff. The reservoir reached a high elevation of 7508.22 feet on June 27, 2010, which was approximately 11.18 feet below "full" pool. Full pool is actually defined by the top of the spillway gates at elevation 7519.4 feet, but we rarely fill to that level due to safety concerns for the reservoir. For practical purposes; the reservoir is considered full at elevations above 7516.4 feet.

Releases from Crystal are currently set at 1,600 cfs. The Gunnison Diversion Tunnel is currently diverting about 1,100 cfs, which results in a river flow below the diversion tunnel of approximately 600 cfs. As in years past there seems to be about 100 cfs discrepancy between the different gage readings.

Other changes in reservoir operations are planned towards the end of September in order to accommodate for decreases in tunnel diversions and also to assist in the State of Colorado annual fish survey on the river during the first week of October. These and other changes to reservoir release rates may occur as conditions warrant, primarily as we respond to changes in the river inflows.

The last meeting of the "Aspinall Unit Working Group" was held on Thursday September 2nd in the Elk Creek Visitors Center at Blue Mesa Reservoir. Spring and summer operations were reviewed and future fall and winter reservoir operations were discussed. These meetings are open forum discussions on the Aspinall Unit reservoir operations with many interested groups participating. Anyone needing further information about these meetings should contact Dan Crabtree in the Grand Junction Area Office at (970) 248-0652.

Navajo Reservoir – As a result of warmer and drier conditions returning to the San Juan River Basin, Reclamation increased the release from Navajo Reservoir to 800 cfs on Thursday, August 12th. Reservoir releases are made for the authorized purposes of the Navajo Unit, and to attempt to maintain a target base flow through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell).

The San Juan River Basin Recovery Implementation Program recommends a target base flow of between 500 cfs and 1,000 cfs through the critical habitat area. The target base

flow is calculated as the weekly average of gaged flows throughout the critical habitat area, therefore daily flows of less than 500 cfs may occur at some gages.

Reclamation continues to closely monitor weather and stream flow conditions and make adjustments to the Navajo Reservoir release as necessary.

Precipitation for the month of August in the San Juan River basin was 120 percent of average. Unregulated inflow into Navajo Reservoir during the month of August was 40,000 acre-feet, or about 92 percent of normal. The total runoff for the 2010 season ending July (April-July) was recorded at 654,000 acre-feet, or about 83 percent of average runoff. The reservoir had a seasonal peak elevation of 6075.53 feet on June 15, 2010. There was no spring release provided this runoff season because of low spring inflows.

Currently the daily reservoir inflow is averaging about 750 cfs. NIIP diversions are set at about 350 cfs. The reservoir water surface elevation is currently 6066.79 feet, which corresponds to a storage content of about 1,437,000 acre-feet.

A public meeting on Navajo Reservoir operations was held on Tuesday, August 24, 2010 at 1:00 p.m. in Farmington, New Mexico. At this meeting, review of last spring and summer reservoir operations, and plans for this fall and winter operations were discussed. These are open forum discussions on the operation of Navajo Reservoir with many interested groups participating. Anyone interested in the general operation of the reservoir is encouraged to attend. Please contact Pat Page in Reclamation's Durango, Colorado Office at (970) 385-6560 for information about these meetings or the daily operation of Navajo Reservoir.

Glen Canyon Dam / Lake Powell –The unregulated inflow volume into Lake Powell for August 2010 was 504 kaf (82% of average). This was approximately 75 kaf below what was projected. The elevation of Lake Powell decreased during the month by approximately 2 feet from 3636.5 feet at the beginning of August to 3634.5 feet at the end of August. This elevation is about 0.6 feet below the August end of month elevation that was projected to occur in the August 24-Month Study. This ending elevation corresponds to a live storage of 15.37 maf which is 63.2% of the full capacity.

During August the release volume from Glen Canyon Dam was 801.7 kaf and the hourly releases during most days fluctuated between a peak of 16,500 cfs during the day and a low of 8,500 cfs during the evening and early morning for power generation. On September 1, 2010 and continuing through October 31, 2010, the releases from Glen Canyon Dam will be steady with no fluctuations for power production (excluding system regulation and spinning reserves) for the steady flow experiment pursuant to the February 2008 Finding of No Significant Impact 'Experimental Releases from Glen Canyon Dam, Arizona 2008 through 2012'. This will be the third year of steady flows of the 5 year experiment. The steady release rate is 8,000 cfs which is equivalent to a monthly release

volume of approximately 476,000 acre-feet in September 2010 and 492,000 acre-feet in October 2010.

During the steady flow experiment the instantaneous releases from Glen Canyon Dam may fluctuate somewhat to provide approximately 40 megawatts (approximately 1,100 cfs) of system regulation to maintain stable conditions within the electrical generation and transmission system. This translates into momentary release fluctuations of about +/- 1100 cfs above or below the targeted steady release target (8000 cfs). These momentary fluctuations for regulation are very short lived and will typically balance out over the hour. Spinning and non-spinning reserve generation will also be carried at Glen Canyon Dam during the steady flow experiment. When an unanticipated outage event occurs in the generation system, reserve generation at Glen Canyon Dam can also be called upon up to a limit of 83 megawatts (approximately 2,250 cfs of release) for a duration of 2 hours or less. Under normal circumstances, calls for reserve generation occur fairly infrequently and are for much less than the limit of 83 megawatts.

The August 2010 24-Month Study (most probable inflow scenario) projected the January 1, 2011 elevation of Lake Powell to be 3628.73 feet. Pursuant to the Interim Guidelines, the determination is that the Operational Tier for water year 2011 will be the Upper Elevation Balancing Tier. Under this Operational Tier, there is a possibility that the annual release volume from Lake Powell could be 8.23 maf. There is also a possibility that Equalization or Balancing could occur in 2011 which would result in an annual release volume greater than 8.23 maf. The possibility of Equalization or Balancing in 2011 will depend on the reservoir conditions projected for the end of water year 2011 in the April 2011 24-Month Study with the most probable inflow scenario and 8.23 maf projected for release from Lake Powell. The September 2010 24-Month Study indicates that Equalization is likely to be triggered in April 2011 and the annual release volume for water year 2011 is projected to be 11.28 maf.

There is a high level of uncertainty regarding the hydrologic conditions that will be experienced in water year 2011. Each month, the 24-Month Study will be updated to reflect current reservoir conditions and the most probable inflow forecast. The projected annual release volume for water year 2011 in the 24-Month Study will reflect the implementation of the Upper Elevation Balancing Tier with updated hydrologic conditions and is therefore likely to change each month. It is possible that a relatively small change in the forecast could have a large impact on the projected annual release volume. Based on the current inflow forecast (dated September 1, 2010), there is approximately a 58% probability that Equalization will occur in water year 2011.

The current inflow forecast for Lake Powell projects the most probable unregulated inflow volumes for the next 3 months as follows: Sepember-400 kaf (84% of average); October-475 kaf (87% of average; November-460 kaf (84% of average). The outlook for water year 2011 (dated August 3, 2010) projected the most probable unregulated inflow volume to Lake Powell during water year 2011 to be 10.75 maf (89% of average). It is likely the unregulated volume of inflow to Lake Powell in water year 2011 will be greater than or less than the most probable projection. The range of possible unregulated inflow

volumes to Lake Powell is currently projected to be as dry as 5.0 maf (40% of average) to as wet as 17.1 maf (142% of average). In October, this hydrologic outlook for water year 2011 will be updated.

Upper Colorado River Basin Hydrology

In the Upper Colorado River Basin during water year 2009, the overall precipitation accumulated through September 30, 2009 was approximately 95% of average based on the 30 year average for the period from 1971 through 2000. For water year 2010 dry conditions have persisted. Estimated percentages of average precipitation for the months thus far in water year 2010 are as follows: October 85%, November 40%, December 130%, January 100% and February 100%, March 90%, April 120%, May 75%, June 100%, July 95%, August 135%. The overall estimated precipitation percentage of average thus far in water year 2010 for the Upper Colorado River Basin is 90% of average.

The Climate Prediction Center outlook (dated August 19, 2010) for temperature over the next 3 months indicates that temperatures in the Upper Colorado River Basin are expected to be above average while precipitation over the next 3 months is projected to be below average.

Upper Colorado River Basin Drought

The Upper Colorado River Basin continues to experience a protracted multi-year drought. Since 1999, inflow to Lake Powell has been below average in every year except water years 2005 and 2008. In the summer of 1999, Lake Powell was close to full with reservoir storage at 23.5 million acre-feet, or 97 percent of capacity. During the next 5 years (2000 through 2004) unregulated inflow to Lake Powell was well below average. This resulted in Lake Powell storage decreasing during this period to 8.0 million acre-feet (33 percent of capacity) which occurred on April 8, 2005. During 2005, 2008 and 2009, drought conditions eased somewhat with net gains in storage to Lake Powell. As of September 1, 2010 the storage in Lake Powell was 15.36 million acre-feet (63.1 % of capacity) which is still below desired levels while the overall reservoir storage in the Colorado River Basin as of September 1, 2010 is 33.73 million acre-feet (56.7 % of capacity).

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-280
125 SOUTH STATE STREET, ROOM 6107
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-5571

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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:	Obs			aug	Forecast			Observed	
:	may	jun	jul	aug	%Avg	sep	oct	nov	apr-jul %Avg
GLDA3:Lake Powell	1400	2777	674	505	82%:	400/	475/	460/	5795/: 73%
GBRW4:Fontenelle	40	251	134	50	55%:	40/	40/	34/	488/: 57%
GRNU1:Flaming Gorge	72	387	151	54	50%:	46/	46/	42/	706/: 59%
BMDC2:Blue Mesa	143	205	50	56	87%:	35/	35/	27/	494/: 69%
MPSC2:Morrow Point	159	216	51	56	82%:	38/	38/	29/	533/: 68%
CLSC2:Crystal	179	242	55	61	77%:	44/	44/	33/	594/: 65%
TPIC2:Taylor Park	22	35	9.7	9.6	93%:	6/	6.1/	5/	77/: 75%
VCRC2:Vallecito	69	46	11.8	18.8	97%:	10.6/	10/	6.8/	154/: 75%
NVRN5:Navajo	265	152	15.4	40	92%:	25/	35/	32/	654/: 83%
LEMC2:Lemon	23	10.3	2.5	4.4	90%:	2.4/	1.85/	1.16/	41/: 71%
MPHC2:McPhee	104	51	10.4	16.6	87%:	7.5/	6.5/	5.5/	247/: 77%
RBSC2:Ridgway	27	44	15.9	15.9	112%:	/	/	/	103/: 101%

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Fontenelle Reservoir

		Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Sep 2009	37	2	66	0	66	6496.84	276
	WY 2009	1295	15	773	485	1258		
H	Oct 2009	48	1	51	11	62	6494.68	260
I	Nov 2009	42	1	0	62	62	6491.61	239
S	Dec 2009	31	1	0	70	71	6485.42	198
T	Jan 2010	28	1	38	30	69	6478.10	157
O	Feb 2010	23	0	55	0	55	6471.41	125
R	Mar 2010	43	0	56	0	56	6468.40	112
I	Apr 2010	63	1	47	1	48	6471.88	127
C	May 2010	40	1	49	0	49	6469.44	117
A	Jun 2010	251	2	50	1	51	6502.04	314
L	Jul 2010	134	3	91	22	113	6504.39	333
*	Aug 2010	50	2	68	0	68	6501.76	312
	Sep 2010	40	2	40	20	60	6498.93	291
	WY 2010	792	15	544	218	762		
	Oct 2010	40	1	55	7	61	6495.82	268
	Nov 2010	34	1	59	0	59	6492.08	242
	Dec 2010	25	1	61	0	61	6486.42	205
	Jan 2011	24	1	61	0	61	6480.01	167
	Feb 2011	23	0	56	0	56	6473.32	134
	Mar 2011	42	0	61	0	61	6468.73	114
	Apr 2011	80	1	80	0	80	6468.51	113
	May 2011	170	1	98	5	104	6481.97	178
	Jun 2011	315	2	103	88	190	6500.17	300
	Jul 2011	180	3	100	32	132	6505.95	345
	Aug 2011	78	2	100	8	108	6501.90	313
	Sep 2011	45	2	37	30	67	6498.80	290
	WY 2011	1056	15	873	169	1042		
	Oct 2011	49	1	69	0	69	6495.85	268
	Nov 2011	41	1	67	0	67	6492.16	243
	Dec 2011	32	1	69	0	69	6486.47	205
	Jan 2012	30	1	69	0	69	6479.86	166
	Feb 2012	28	0	62	0	62	6472.76	131
	Mar 2012	52	0	69	0	69	6468.66	114
	Apr 2012	89	1	83	0	83	6470.10	120
	May 2012	176	1	86	0	86	6486.94	208
	Jun 2012	307	2	104	106	210	6500.54	303
	Jul 2012	185	3	101	43	144	6505.52	342
	Aug 2012	82	2	88	0	88	6504.52	334

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Flaming Gorge Reservoir

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Yampa Flow 1000 Ac-Ft	Jensen Flow 1000 Ac-Ft
*	Sep 2009	45	74	11	120	0	120	136	6031.12	3392	14	144
	WY 2009	1563	1527	79	1065	0	1065					3031
H	Oct 2009	45	59	7	109	0	109	134	6029.69	3337	0	152
I	Nov 2009	47	67	4	104	0	104	133	6028.67	3298	0	143
S	Dec 2009	19	59	2	107	1	108	131	6027.38	3249	0	504
T	Jan 2010	27	68	2	109	0	109	129	6026.29	3208	0	669
O	Feb 2010	29	61	2	87	0	87	128	6025.55	3181	0	111
R	Mar 2010	69	81	3	60	0	60	129	6026.01	3198	0	118
I	Apr 2010	96	81	5	49	0	49	130	6026.69	3223	206	240
C	May 2010	72	81	8	101	0	101	129	6025.97	3196	507	551
A	Jun 2010	387	187	10	138	0	138	130	6026.97	3234	619	745
L	Jul 2010	151	130	13	96	0	96	131	6027.51	3254	78	195
*	Aug 2010	54	72	12	100	0	100	129	6026.47	3215	26	138
	Sep 2010	46	66	11	107	0	107	127	6025.12	3165	0	107
	WY 2010	1042	1012	79	1168	1	1169					3675
	Oct 2010	46	67	7	77	0	77	127	6024.69	3149	0	77
	Nov 2010	42	68	3	65	0	65	127	6024.66	3148	0	65
	Dec 2010	30	66	2	68	0	68	126	6024.59	3145	0	68
	Jan 2011	30	67	2	68	0	68	126	6024.54	3143	0	68
	Feb 2011	31	64	2	61	0	61	126	6024.55	3143	0	61
	Mar 2011	65	84	3	51	0	51	128	6025.35	3173	0	51
	Apr 2011	110	110	5	48	0	48	130	6026.84	3229	0	48
	May 2011	215	149	8	110	0	110	131	6027.62	3258	0	110
	Jun 2011	370	245	10	188	0	188	133	6028.81	3303	0	188
	Jul 2011	195	147	14	101	0	101	134	6029.62	3334	0	101
	Aug 2011	84	114	13	101	0	101	134	6029.60	3334	0	101
	Sep 2011	51	73	11	98	0	98	133	6028.68	3298	0	98
	WY 2011	1269	1255	79	1036	0	1036					1036
	Oct 2011	59	79	7	101	0	101	132	6027.94	3270	0	101
	Nov 2011	50	76	3	98	0	98	131	6027.27	3245	0	98
	Dec 2011	36	73	2	101	0	101	129	6026.49	3216	0	101
	Jan 2012	41	80	2	101	0	101	128	6025.89	3193	0	101
	Feb 2012	46	80	2	95	0	95	128	6025.45	3177	0	95
	Mar 2012	104	121	3	101	0	101	128	6025.88	3193	0	101
	Apr 2012	142	136	5	98	0	98	130	6026.72	3224	0	98
	May 2012	265	175	8	128	0	128	131	6027.73	3262	0	128
	Jun 2012	399	301	10	208	0	208	134	6029.83	3342	0	208
	Jul 2012	218	177	14	135	0	135	135	6030.52	3369	0	135
	Aug 2012	96	102	13	135	0	135	134	6029.37	3325	0	135

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Taylor Park Reservoir

		Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Sep 2009	6	15	9312.44	74
	WY 2009	153	151		
H	Oct 2009	7	8	9311.60	72
I	Nov 2009	5	6	9310.68	71
S	Dec 2009	4	6	9309.18	69
T	Jan 2010	4	6	9307.90	67
O	Feb 2010	4	6	9306.55	65
R	Mar 2010	4	6	9305.31	63
I	Apr 2010	11	6	9308.40	67
C	May 2010	22	9	9316.36	80
A	Jun 2010	35	18	9325.55	97
L	Jul 2010	10	20	9320.19	87
*	Aug 2010	10	17	9316.06	80
	Sep 2010	6	14	9311.28	72
	WY 2010	120	122		
	Oct 2010	6	6	9311.34	72
	Nov 2010	5	6	9310.72	71
	Dec 2010	5	6	9309.78	70
	Jan 2011	4	6	9308.51	68
	Feb 2011	3	6	9306.88	65
	Mar 2011	4	6	9305.28	63
	Apr 2011	8	8	9305.42	63
	May 2011	27	14	9313.65	76
	Jun 2011	43	19	9326.82	100
	Jul 2011	17	22	9324.24	95
	Aug 2011	8	20	9318.00	83
	Sep 2011	7	16	9312.75	74
	WY 2011	137	134		
	Oct 2011	6	10	9310.39	71
	Nov 2011	5	6	9309.71	69
	Dec 2011	4	6	9308.73	68
	Jan 2012	4	6	9307.58	66
	Feb 2012	4	6	9306.11	64
	Mar 2012	4	6	9304.94	62
	Apr 2012	8	8	9305.50	63
	May 2012	27	14	9313.83	76
	Jun 2012	43	18	9327.42	101
	Jul 2012	20	22	9326.62	99
	Aug 2012	10	22	9320.28	87

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Blue Mesa Reservoir

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Sep 2009	26	35	1	93	0	93	7498.71	651
	WY 2009	1017	1015	9	993	13	1006		
H	Oct 2009	33	34	1	81	0	81	7492.82	603
I	Nov 2009	27	28	0	28	0	28	7492.84	604
S	Dec 2009	21	23	0	47	0	47	7489.73	579
T	Jan 2010	22	24	0	43	0	43	7487.22	560
O	Feb 2010	22	24	0	38	0	38	7485.33	546
R	Mar 2010	29	30	0	33	0	33	7484.88	542
I	Apr 2010	96	92	1	45	0	45	7490.80	588
C	May 2010	143	131	1	110	6	116	7492.59	602
A	Jun 2010	205	186	1	51	0	51	7508.76	735
L	Jul 2010	50	60	1	98	0	98	7504.17	696
*	Aug 2010	56	63	1	92	0	92	7500.54	666
	Sep 2010	35	43	1	82	0	82	7495.63	626
	WY 2010	737	739	9	750	6	755		
	Oct 2010	35	35	1	58	0	58	7492.66	602
	Nov 2010	27	28	0	30	0	30	7492.38	600
	Dec 2010	25	26	0	45	0	45	7490.00	581
	Jan 2011	22	24	0	63	0	63	7484.88	542
	Feb 2011	20	23	0	53	0	53	7480.81	512
	Mar 2011	29	31	0	40	0	40	7479.57	503
	Apr 2011	74	74	1	45	0	45	7483.39	531
	May 2011	215	202	1	100	0	100	7496.39	632
	Jun 2011	270	246	1	74	0	74	7516.40	803
	Jul 2011	96	101	2	109	0	109	7515.34	793
	Aug 2011	50	61	1	122	0	122	7508.31	731
	Sep 2011	41	50	1	113	0	113	7500.72	667
	WY 2011	904	902	9	852	0	852		
	Oct 2011	36	39	1	58	0	58	7498.39	648
	Nov 2011	31	32	0	28	0	28	7498.81	652
	Dec 2011	25	27	0	97	0	97	7490.00	581
	Jan 2012	24	26	0	79	0	79	7482.99	528
	Feb 2012	22	24	0	56	0	56	7478.64	496
	Mar 2012	34	36	0	43	0	43	7477.60	489
	Apr 2012	73	72	1	48	0	48	7480.84	512
	May 2012	212	199	1	110	0	110	7492.42	600
	Jun 2012	271	246	1	60	0	60	7514.43	785
	Jul 2012	121	122	2	103	0	103	7516.40	803
	Aug 2012	62	74	1	122	0	122	7510.79	753

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Morrow Point Reservoir

		Unreg Inflow 1000 Ac-Ft	Blue_Mesa Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Evap losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Sep 2009	27	93	1	94	0	100	0	100	7146.95	107
	WY 2009	1088	1006	70	1076	1	1074	9	1082		
H	Oct 2009	34	81	1	82	0	81	0	81	7148.23	108
I	Nov 2009	29	28	2	30	0	27	0	27	7152.38	111
S	Dec 2009	22	47	1	48	0	47	0	47	7153.12	112
T	Jan 2010	24	43	2	45	0	47	0	47	7150.49	109
O	Feb 2010	22	38	1	38	0	41	0	41	7147.10	107
R	Mar 2010	29	33	1	34	0	34	0	34	7147.29	107
I	Apr 2010	107	45	11	57	0	55	0	55	7149.84	109
C	May 2010	159	116	16	132	0	129	0	129	7154.46	113
A	Jun 2010	216	51	12	63	0	64	0	64	7153.15	112
L	Jul 2010	51	98	1	98	0	96	0	96	7156.02	114
*	Aug 2010	56	92	1	93	0	93	0	93	7155.63	114
	Sep 2010	38	82	3	85	0	87	0	87	7153.73	112
	WY 2010	787	755	50	806	1	800	0	800		
	Oct 2010	38	58	3	61	0	61	0	61	7153.73	112
	Nov 2010	29	30	2	32	0	32	0	32	7153.73	112
	Dec 2010	27	45	2	47	0	47	0	47	7153.73	112
	Jan 2011	24	63	2	65	0	65	0	65	7153.73	112
	Feb 2011	21	53	1	54	0	54	0	54	7153.73	112
	Mar 2011	32	40	3	43	0	43	0	43	7153.73	112
	Apr 2011	87	45	13	58	0	58	0	58	7153.73	112
	May 2011	245	100	30	130	0	130	0	130	7153.73	112
	Jun 2011	290	74	20	94	0	94	0	94	7153.73	112
	Jul 2011	103	109	7	116	0	116	0	116	7153.73	112
	Aug 2011	55	122	5	127	0	127	0	127	7153.73	112
	Sep 2011	43	113	2	115	0	115	0	115	7153.73	112
	WY 2011	994	852	90	942	0	942	0	942		
	Oct 2011	38	58	3	61	0	61	0	61	7153.73	112
	Nov 2011	33	28	2	30	0	30	0	30	7153.73	112
	Dec 2011	27	97	2	99	0	99	0	99	7153.73	112
	Jan 2012	26	79	2	81	0	81	0	81	7153.73	112
	Feb 2012	25	56	3	59	0	59	0	59	7153.73	112
	Mar 2012	38	43	4	47	0	47	0	47	7153.73	112
	Apr 2012	84	48	11	59	0	59	0	59	7153.73	112
	May 2012	237	110	25	135	0	135	0	135	7153.73	112
	Jun 2012	292	60	21	81	0	81	0	81	7153.73	112
	Jul 2012	127	103	7	110	0	110	0	110	7153.73	112
	Aug 2012	65	122	4	126	0	126	0	126	7153.73	112

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Crystal Reservoir

	unreg Inflow 1000 Ac-Ft	Morrow Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Tunnel Flow 1000 Ac-Ft	Below_tunnel Flow 1000 Ac-Ft
* Sep 2009	29	100	2	102	102	0	102	6746.55	15	72	46
WY 2009	1209	1082	121	1203	964	238	1202			431	853
H Oct 2009	36	81	3	84	72	10	82	6751.89	17	60	36
I Nov 2009	32	27	3	29	31	0	31	6747.51	15	1	31
S Dec 2009	25	47	3	51	52	0	52	6743.59	14	1	53
T Jan 2010	26	47	3	50	49	0	49	6745.38	15	1	50
O Feb 2010	25	41	3	44	25	17	42	6751.67	17	1	43
R Mar 2010	33	34	4	38	38	0	38	6751.84	17	1	38
I Apr 2010	118	55	11	66	66	0	66	6750.96	16	34	34
C May 2010	179	129	20	148	108	39	148	6752.53	17	60	91
A Jun 2010	242	64	25	89	89	0	89	6752.91	17	56	39
L Jul 2010	55	96	4	100	100	0	100	6751.15	16	69	39
* Aug 2010	61	93	5	98	98	0	98	6749.05	16	68	37
Sep 2010	44	87	6	93	91	0	91	6753.04	17	55	36
WY 2010	876	800	89	889	820	67	887			407	529
Oct 2010	44	61	6	67	67	0	67	6753.04	17	30	37
Nov 2010	33	32	4	36	36	0	36	6753.04	17	0	36
Dec 2010	30	47	3	50	50	0	50	6753.04	17	0	50
Jan 2011	27	65	3	68	68	0	68	6753.04	17	0	68
Feb 2011	23	54	2	56	56	0	56	6753.04	17	0	56
Mar 2011	37	43	5	48	48	0	48	6753.04	17	5	43
Apr 2011	103	58	16	74	74	0	74	6753.04	17	30	44
May 2011	285	130	40	170	134	36	170	6753.04	17	55	115
Jun 2011	325	94	35	129	129	0	129	6753.04	17	60	69
Jul 2011	116	116	13	129	129	0	129	6753.04	17	65	64
Aug 2011	61	127	6	133	133	0	133	6753.04	17	65	68
Sep 2011	50	115	7	122	122	0	122	6753.04	17	55	67
WY 2011	1134	942	140	1082	1046	36	1082			365	717
Oct 2011	44	61	6	67	67	0	67	6753.04	17	30	37
Nov 2011	38	30	5	35	35	0	35	6753.04	17	0	35
Dec 2011	32	99	5	104	104	0	104	6753.04	17	0	104
Jan 2012	31	81	5	86	86	0	86	6753.04	17	0	86
Feb 2012	29	59	4	63	63	0	63	6753.04	17	0	63
Mar 2012	46	47	7	54	54	0	54	6753.04	17	5	49
Apr 2012	96	59	12	71	71	0	71	6753.04	17	30	41
May 2012	272	135	35	170	134	36	170	6753.04	17	55	115
Jun 2012	330	81	38	120	120	0	120	6753.04	17	60	60
Jul 2012	144	110	17	127	127	0	127	6753.04	17	65	62
Aug 2012	74	126	8	134	134	0	134	6753.04	17	65	69

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Vallecito Reservoir

		Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Sep 2009	8	30	7632.32	49
	WY 2009	237	254		
H	Oct 2009	8	13	7629.82	44
I	Nov 2009	4	3	7630.41	45
S	Dec 2009	4	3	7630.60	46
T	Jan 2010	4	3	7631.27	47
O	Feb 2010	3	4	7630.95	46
R	Mar 2010	3	8	7628.45	42
I	Apr 2010	27	4	7640.13	65
C	May 2010	69	20	7660.32	113
A	Jun 2010	46	42	7661.51	116
L	Jul 2010	12	37	7651.21	90
*	Aug 2010	19	33	7645.00	75
	Sep 2010	11	27	7637.35	59
	WY 2010	210	197		
	Oct 2010	10	21	7631.57	48
	Nov 2010	7	6	7631.99	48
	Dec 2010	5	5	7632.39	49
	Jan 2011	4	3	7633.06	50
	Feb 2011	4	3	7633.51	51
	Mar 2011	7	3	7635.46	55
	Apr 2011	22	10	7640.94	66
	May 2011	74	33	7658.13	107
	Jun 2011	77	59	7664.64	124
	Jul 2011	26	43	7657.97	107
	Aug 2011	18	39	7649.24	85
	Sep 2011	14	29	7642.61	70
	WY 2011	269	254		
	Oct 2011	14	19	7640.09	64
	Nov 2011	8	6	7641.15	67
	Dec 2011	6	5	7641.79	68
	Jan 2012	5	5	7642.02	69
	Feb 2012	5	4	7642.15	69
	Mar 2012	8	5	7643.63	72
	Apr 2012	22	12	7647.87	82
	May 2012	69	48	7656.42	103
	Jun 2012	78	65	7661.07	115
	Jul 2012	31	43	7656.16	102
	Aug 2012	19	39	7647.79	82

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Navajo Reservoir

		Mod_Unreg Inflow 1000 Ac-Ft	Azetea Tunnel_Div 1000 Ac-Ft	Reg Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	NIIP Diversion 1000 ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Farm Flow 1000 Ac-Ft
*	Sep 2009	5	0	28	3	22	37	6057.30	1314	39
	WY 2009	846	106	756	28	209	525			937
H	Oct 2009	16	0	21	2	13	37	6054.76	1283	45
I	Nov 2009	15	0	14	1	0	30	6053.34	1265	48
S	Dec 2009	13	0	12	1	0	32	6051.61	1245	48
T	Jan 2010	15	0	14	1	0	32	6050.04	1226	49
O	Feb 2010	16	0	16	1	0	27	6049.04	1214	43
R	Mar 2010	64	1	68	1	3	31	6051.78	1247	52
I	Apr 2010	222	22	179	2	12	28	6062.79	1384	75
C	May 2010	265	36	182	4	26	30	6071.80	1506	126
A	Jun 2010	152	28	116	5	40	33	6074.50	1544	118
L	Jul 2010	15	2	39	5	47	57	6069.52	1474	72
*	Aug 2010	40	2	53	4	35	42	6067.48	1446	70
	Sep 2010	25	1	40	3	22	43	6065.41	1418	43
	WY 2010	858	91	755	29	200	422			788
	Oct 2010	35	2	44	2	8	31	6065.74	1423	31
	Nov 2010	32	0	31	1	0	30	6065.74	1423	30
	Dec 2010	24	0	23	1	0	31	6065.11	1414	31
	Jan 2011	22	0	21	1	0	31	6064.28	1403	31
	Feb 2011	28	0	27	1	0	28	6064.15	1401	28
	Mar 2011	84	2	78	2	4	31	6067.26	1443	31
	Apr 2011	160	16	133	3	17	30	6073.28	1527	30
	May 2011	285	33	211	4	29	121	6077.20	1583	121
	Jun 2011	245	29	198	5	44	182	6074.94	1550	182
	Jul 2011	47	7	57	5	47	31	6073.15	1525	31
	Aug 2011	30	3	48	4	40	31	6071.31	1499	31
	Sep 2011	34	1	48	3	22	30	6070.78	1491	30
	WY 2011	1026	93	918	30	210	605			605
	Oct 2011	40	1	44	2	8	31	6071.08	1496	31
	Nov 2011	33	0	30	1	0	30	6071.04	1495	30
	Dec 2011	24	0	22	1	0	31	6070.39	1486	31
	Jan 2012	22	0	21	1	0	31	6069.64	1476	31
	Feb 2012	30	0	30	1	0	29	6069.66	1476	29
	Mar 2012	88	2	83	2	4	61	6070.78	1491	61
	Apr 2012	174	16	148	3	17	60	6075.63	1560	60
	May 2012	279	33	224	4	29	200	6075.00	1551	200
	Jun 2012	246	29	205	5	44	212	6071.05	1495	212
	Jul 2012	74	7	79	5	47	31	6070.81	1492	31
	Aug 2012	43	3	61	4	40	31	6069.82	1478	31

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Lake Powell

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	PowerPlant Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Bank Storage 1000 Ac-Ft	EOM Storage 1000 Ac-Ft	Lees Ferry 1000 Ac-Ft
*	Sep 2009	274	479	59	598	0	598	3635.37	17902	15463	613
	WY 2009	10748	10232	437	8235	0	8235				8396
H	Oct 2009	360	526	41	620	0	620	3633.52	17979	15251	634
I	Nov 2009	421	495	39	692	0	692	3631.10	18018	14976	702
S	Dec 2009	308	437	30	901	0	901	3626.22	18066	14434	925
T	Jan 2010	302	425	9	900	0	900	3622.14	18023	13991	925
O	Feb 2010	294	384	10	631	0	631	3620.16	17978	13780	644
R	Mar 2010	477	474	17	602	0	602	3619.41	17912	13701	612
I	Apr 2010	944	717	26	602	0	602	3620.50	17886	13816	614
C	May 2010	1399	1224	32	601	0	601	3625.96	17887	14405	612
A	Jun 2010	2776	2321	53	601	0	601	3638.82	18096	15864	612
L	Jul 2010	674	706	65	802	0	802	3636.52	18203	15596	824
*	Aug 2010	504	608	64	802	0	802	3634.55	18172	15369	826
	Sep 2010	400	550	59	476	0	476	3634.67	18173	15382	476
	WY 2010	8860	8866	444	8230	0	8231				8405
	Oct 2010	475	533	41	492	0	492	3634.68	18173	15383	492
	Nov 2010	460	485	39	800	0	800	3631.80	18147	15055	800
	Dec 2010	400	465	30	950	0	950	3627.52	18109	14577	950
	Jan 2011	350	438	9	950	0	950	3623.10	18070	14094	950
	Feb 2011	350	413	10	900	0	900	3618.78	18033	13634	900
	Mar 2011	600	549	16	900	0	900	3615.52	18006	13294	900
	Apr 2011	900	711	25	1040	0	1040	3612.33	17980	12966	1040
	May 2011	2250	1928	30	1097	0	1097	3619.48	18039	13708	1097
	Jun 2011	2800	2432	50	1125	0	1125	3630.18	18132	14873	1125
	Jul 2011	1150	1107	62	1200	0	1200	3628.90	18121	14730	1200
	Aug 2011	525	658	60	1115	0	1115	3624.54	18083	14250	1115
	Sep 2011	450	588	54	714	0	714	3623.00	18069	14084	714
	WY 2011	10710	10307	427	11283	0	11283				11283
	Oct 2011	514	578	37	738	0	738	3621.29	18055	13901	738
	Nov 2011	523	566	36	700	0	700	3619.81	18042	13743	700
	Dec 2011	414	558	28	800	0	800	3617.43	18022	13493	800
	Jan 2012	384	508	9	800	0	800	3614.76	18000	13215	800
	Feb 2012	398	479	9	600	0	600	3613.58	17990	13094	600
	Mar 2012	628	614	16	600	0	600	3613.56	17990	13092	600
	Apr 2012	950	799	25	600	0	600	3615.13	18003	13254	600
	May 2012	2161	1905	31	600	0	600	3626.21	18097	14433	600
	Jun 2012	2811	2448	53	716	0	716	3639.87	18222	15988	716
	Jul 2012	1346	1255	67	800	0	800	3642.90	18250	16348	800
	Aug 2012	566	696	67	800	0	800	3641.57	18238	16190	800

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Hoover Dam - Lake Mead

		Glen Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	SNWP Use 1000 Ac-Ft	Dwnstrm Reqmnts 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
*	Sep 2009	598	55	61	575	9.7	22	570	711	1093.68	10933
	WY 2009	8235	651	585	9210		242	9119			
H	Oct 2009	620	23	44	613	10.0	25	608	708	1093.26	10897
I	Nov 2009	692	39	44	648	10.9	15	647	710	1093.52	10919
S	Dec 2009	901	51	39	646	10.5	9	629	726	1096.30	11162
T	Jan 2010	900	124	32	634	10.3	6	578	747	1100.02	11493
O	Feb 2010	631	112	30	400	7.2	6	399	766	1103.21	11780
R	Mar 2010	602	87	33	889	14.5	12	868	751	1100.66	11550
I	Apr 2010	602	138	41	933	15.7	19	856	735	1098.00	11313
C	May 2010	601	87	47	961	15.6	28	933	714	1094.30	10987
A	Jun 2010	601	30	55	1007	16.9	27	1006	686	1089.30	10556
L	Jul 2010	802	29	68	941	15.3	33	937	673	1086.97	10357
*	Aug 2010	802	127	70	829	13.5	33	822	673	1086.91	10352
	Sep 2010	476	71	59	707	11.9	16	707	659	1084.29	10132
	WY 2010	8231	918	562	9208		229	8990			
	Oct 2010	492	55	43	602	9.8	27	602	651	1082.89	10015
	Nov 2010	800	54	43	716	12.0	16	716	656	1083.78	10089
	Dec 2010	950	57	37	672	10.9	11	672	673	1086.99	10359
	Jan 2011	950	135	31	707	11.5	16	707	694	1090.64	10670
	Feb 2011	900	135	29	678	12.2	18	678	712	1094.01	10961
	Mar 2011	900	101	32	1018	16.6	25	1018	708	1093.21	10892
	Apr 2011	1040	71	40	1115	18.7	19	1115	704	1092.53	10833
	May 2011	1097	73	46	994	16.2	28	994	710	1093.63	10929
	Jun 2011	1125	28	56	872	14.7	26	872	723	1095.77	11115
	Jul 2011	1200	61	71	902	14.7	28	902	738	1098.53	11360
	Aug 2011	1115	106	76	809	13.1	29	809	757	1101.75	11648
	Sep 2011	714	71	63	675	11.3	24	675	759	1101.98	11669
	WY 2011	11283	946	566	9759		267	9759			
	Oct 2011	738	55	46	458	7.4	36	458	774	1104.60	11907
	Nov 2011	700	54	47	586	9.8	25	586	780	1105.59	11997
	Dec 2011	800	57	41	554	9.0	19	554	795	1108.07	12226
	Jan 2012	800	135	34	684	11.1	20	684	807	1110.07	12412
	Feb 2012	600	138	31	668	11.6	21	668	808	1110.24	12428
	Mar 2012	600	101	34	1004	16.3	28	1004	786	1106.54	12085
	Apr 2012	600	71	42	1138	19.1	22	1138	753	1101.06	11586
	May 2012	600	73	47	985	16.0	32	985	729	1096.95	11219
	Jun 2012	716	28	56	841	14.1	29	841	718	1094.99	11048
	Jul 2012	800	61	70	888	14.4	31	888	710	1093.62	10927
	Aug 2012	800	106	74	811	13.2	32	811	710	1093.49	10916

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Davis Dam - Lake Mohave

		Hoover Release 1000 Ac-Ft	Side inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Spill Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
*	Sep 2009	575	2	18	726	0	726	12.2	635.60	1501
	WY 2009	9210	-123	197	9008	0	9008			
H	Oct 2009	613	-8	14	623	0	623	10.1	634.34	1469
I	Nov 2009	648	-15	10	590	0	590	9.9	635.61	1502
S	Dec 2009	646	-24	9	532	0	532	8.7	638.68	1582
T	Jan 2010	634	-15	10	456	0	456	7.4	644.34	1736
O	Feb 2010	400	-4	10	442	0	442	8.0	642.31	1680
R	Mar 2010	889	-18	13	862	0	862	14.0	642.17	1676
I	Apr 2010	933	-17	17	878	0	878	14.8	642.94	1697
C	May 2010	961	-19	22	937	0	937	15.2	642.30	1680
A	Jun 2010	1007	-23	25	912	0	912	15.3	643.98	1726
L	Jul 2010	941	-14	26	913	0	913	14.8	643.57	1714
*	Aug 2010	829	-12	23	838	0	838	13.6	641.95	1670
	Sep 2010	707	1	18	796	0	796	13.4	638.00	1564
	WY 2010	9208	-169	197	8779	0	8779			
	Oct 2010	602	5	15	722	0	722	11.7	633.00	1434
	Nov 2010	716	-9	10	645	0	645	10.8	635.00	1486
	Dec 2010	672	-12	9	553	0	553	9.0	638.71	1583
	Jan 2011	707	-13	10	601	0	601	9.8	641.80	1666
	Feb 2011	678	-5	10	664	0	664	12.0	641.80	1666
	Mar 2011	1018	-14	13	957	0	957	15.6	643.05	1700
	Apr 2011	1115	-15	17	1085	0	1085	18.2	643.00	1699
	May 2011	994	-10	22	962	0	962	15.6	643.00	1699
	Jun 2011	872	-2	25	872	0	872	14.6	642.00	1671
	Jul 2011	902	3	25	894	0	894	14.5	641.50	1658
	Aug 2011	809	-3	23	783	0	783	12.7	641.50	1658
	Sep 2011	675	1	18	751	0	751	12.6	638.00	1564
	WY 2011	9759	-73	197	9489	0	9489			
	Oct 2011	458	5	15	578	0	578	9.4	633.00	1434
	Nov 2011	586	-9	10	515	0	515	8.7	635.00	1486
	Dec 2011	554	-12	9	435	0	435	7.1	638.71	1583
	Jan 2012	684	-13	10	577	0	577	9.4	641.80	1666
	Feb 2012	668	-5	10	653	0	653	11.4	641.80	1666
	Mar 2012	1004	-14	13	943	0	943	15.3	643.05	1700
	Apr 2012	1138	-15	17	1108	0	1108	18.6	643.00	1699
	May 2012	985	-10	22	953	0	953	15.5	643.00	1699
	Jun 2012	841	-2	25	841	0	841	14.1	642.00	1671
	Jul 2012	888	3	25	880	0	880	14.3	641.50	1658
	Aug 2012	811	-3	23	785	0	785	12.8	641.50	1658

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Parker Dam - Lake Havasu

		Davis Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	MWD Diversion 1000 Ac-Ft	CAP diversion 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft	Flow_to Mexico 1000 Ac-Ft	Flow_to Mexico 1000 CFS
*	Sep 2009	726	21	15	505	8.5	96	143	447.16	564	93	1.6
	WY 2009	9008	180	139	6347		1070	1602			1584	
H	Oct 2009	623	17	12	446	7.2	26	133	448.03	581	77	1.2
I	Nov 2009	590	32	9	365	6.1	107	144	447.61	573	103	1.7
S	Dec 2009	532	28	7	301	4.9	104	149	447.34	568	135	2.2
T	Jan 2010	456	41	6	233	3.8	99	126	448.89	597	174	2.8
O	Feb 2010	442	10	8	331	6.0	66	91	446.29	548	141	2.5
R	Mar 2010	862	55	9	668	10.9	90	128	447.15	564	233	3.8
I	Apr 2010	878	34	11	670	11.3	43	153	448.61	592	210	3.5
C	May 2010	937	24	13	662	10.8	102	172	448.83	596	114	1.9
A	Jun 2010	912	23	16	650	10.9	91	171	448.64	592	113	1.9
L	Jul 2010	913	16	17	743	12.1	107	49	448.61	592	126	2.1
*	Aug 2010	838	22	17	646	10.5	108	84	448.20	584	102	1.7
	Sep 2010	796	13	15	539	9.1	98	170	447.00	561	89	1.5
	WY 2010	8779	314	140	6256		1043	1571			1616	
	Oct 2010	722	20	12	449	7.3	99	184	446.50	552	77	1.3
	Nov 2010	645	22	8	379	6.4	96	178	446.50	552	107	1.8
	Dec 2010	553	20	6	289	4.7	99	175	446.50	552	119	1.9
	Jan 2011	601	34	6	358	5.8	102	164	446.50	552	122	2.0
	Feb 2011	664	40	8	442	8.0	93	155	446.50	552	153	2.8
	Mar 2011	957	45	9	706	11.5	102	172	446.70	555	208	3.4
	Apr 2011	1085	15	11	777	13.1	100	165	448.70	593	200	3.4
	May 2011	962	11	13	688	11.2	103	158	448.70	593	111	1.8
	Jun 2011	872	7	16	659	11.1	100	89	448.70	593	112	1.9
	Jul 2011	894	14	17	716	11.6	102	72	448.00	580	118	1.9
	Aug 2011	783	20	17	613	10.0	102	67	447.50	571	92	1.5
	Sep 2011	751	13	15	531	8.9	76	147	446.81	557	89	1.5
	WY 2011	9489	260	139	6607		1174	1726			1509	
	Oct 2011	578	20	12	441	7.2	35	112	446.31	548	72	1.2
	Nov 2011	515	22	8	375	6.3	34	111	446.50	552	105	1.8
	Dec 2011	435	20	6	286	4.6	35	124	446.50	552	118	1.9
	Jan 2012	577	34	6	349	5.7	87	165	446.50	552	122	2.0
	Feb 2012	653	41	8	446	7.8	78	156	446.50	552	153	2.7
	Mar 2012	943	45	9	705	11.5	87	174	446.70	555	208	3.4
	Apr 2012	1108	15	11	814	13.7	84	166	448.70	593	200	3.4
	May 2012	953	11	13	694	11.3	87	159	448.70	593	111	1.8
	Jun 2012	841	7	16	643	10.8	84	90	448.70	593	112	1.9
	Jul 2012	880	14	17	716	11.7	87	72	448.00	580	118	1.9
	Aug 2012	785	20	17	630	10.2	87	68	447.50	571	92	1.5

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Hoover Dam - Lake Mead

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Hoover Static Head Feet	Hoover Generator Capacity MW	Hoover Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Sep 2009	574	9.7	1093.68	10933	-4	451.94	1656.0	215.3	100	374.9
	WY 2009	9210							3592.3		
H	Oct 2009	613	10.0	1093.26	10897	-37	450.76	1158.0	235.5	70	384.4
I	Nov 2009	648	10.9	1093.52	10919	23	451.32	1358.0	251.9	82	388.7
S	Dec 2009	646	10.5	1096.30	11162	243	451.68	1037.0	248.8	63	385.3
T	Jan 2010	634	10.3	1100.02	11493	330	452.24	1050.0	248.9	63	392.4
O	Feb 2010	400	7.2	1103.21	11780	288	456.23	1044.0	152.7	63	381.5
R	Mar 2010	889	14.5	1100.66	11550	-230	452.57	1272.0	353.9	75	398.0
I	Apr 2010	933	15.7	1098.00	11313	-237	451.78	1392.0	370.4	82	397.0
C	May 2010	961	15.6	1094.30	10987	-326	449.26	1371.0	378.0	82	393.4
A	Jun 2010	1007	16.9	1089.30	10556	-431	442.32	1556.0	390.5	94	387.7
L	Jul 2010	941	15.3	1086.97	10357	-198	441.50	1640.0	360.3	100	382.9
*	Aug 2010	829	13.5	1086.91	10352	-5	443.45	1617.0	313.3	100	378.0
	Sep 2010	707	11.9	1084.29	10132	-221	434.04	1617.0	273.9	100	387.3
	WY 2010	9208							3578.2		
	Oct 2010	602	9.8	1082.89	10015	-117	436.30	1293.0	233.6	82	388.1
	Nov 2010	716	12.0	1083.78	10089	74	437.75	1286.0	281.9	81	393.9
	Dec 2010	672	10.9	1086.99	10359	270	437.24	1403.0	260.3	87	387.3
	Jan 2011	707	11.5	1090.64	10670	311	440.37	1129.0	280.1	69	396.4
	Feb 2011	678	12.2	1094.01	10961	291	440.87	1443.0	268.8	88	396.2
	Mar 2011	1018	16.6	1093.21	10892	-70	441.73	1440.0	404.4	88	397.2
	Apr 2011	1115	18.7	1092.53	10833	-59	440.22	1497.0	448.3	91	402.1
	May 2011	994	16.2	1093.63	10929	96	439.49	1653.0	388.4	100	390.8
	Jun 2011	872	14.7	1095.77	11115	187	441.43	1671.0	344.2	100	394.7
	Jul 2011	902	14.7	1098.53	11360	244	444.34	1690.0	358.5	100	397.2
	Aug 2011	809	13.1	1101.75	11648	288	447.47	1712.0	326.2	100	403.4
	Sep 2011	675	11.3	1101.98	11669	21	450.33	1712.0	268.6	100	398.0
	WY 2011	9759							3863.1		
	Oct 2011	458	7.4	1104.60	11907	238	453.87	1726.0	182.0	100	397.6
	Nov 2011	586	9.8	1105.59	11997	90	457.29	1732.0	235.6	100	402.1
	Dec 2011	554	9.0	1108.07	12226	229	457.15	1745.0	219.8	100	396.8
	Jan 2012	684	11.1	1110.07	12412	186	457.15	1757.0	274.8	100	402.0
	Feb 2012	668	11.6	1110.24	12428	16	458.59	1537.5	272.3	88	407.6
	Mar 2012	1004	16.3	1106.54	12085	-343	456.42	1538.0	410.0	88	408.6
	Apr 2012	1138	19.1	1101.06	11586	-499	451.08	1600.9	469.8	91	412.7
	May 2012	985	16.0	1096.95	11219	-367	445.37	1757.0	389.3	100	395.2
	Jun 2012	841	14.1	1094.99	11048	-172	442.69	1757.0	338.8	100	402.7
	Jul 2012	888	14.4	1093.62	10927	-120	441.52	1757.0	357.7	100	402.6
	Aug 2012	811	13.2	1093.49	10916	-11	440.94	1757.0	322.8	100	398.1

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T E M R E S E R V O I R S

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Davis Dam - Lake Mohave

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Davis Static Head Feet	Davis Generator Capacity MW	Davis Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Sep 2009	726	12.2	635.60	1501	-167	135.87	255.0	89.2	100	122.8
	WY 2009	9008							1106.2		
H	Oct 2009	623	10.1	634.34	1469	-33	134.58	216.8	74.2	85	119.1
I	Nov 2009	590	9.9	635.61	1502	33	136.02	186.2	70.9	73	120.3
S	Dec 2009	532	8.7	638.68	1582	81	139.08	188.7	65.9	74	123.8
T	Jan 2010	456	7.4	644.34	1736	153	144.98	204.0	57.9	80	127.1
O	Feb 2010	442	8.0	642.31	1680	-56	138.83	216.8	56.9	85	128.6
R	Mar 2010	862	14.0	642.17	1676	-4	138.67	249.9	109.8	98	127.5
I	Apr 2010	878	14.8	642.94	1697	21	141.04	255.0	111.0	100	126.4
C	May 2010	937	15.2	642.30	1680	-17	140.64	255.0	118.5	100	126.4
A	Jun 2010	912	15.3	643.98	1726	46	140.66	255.0	115.5	100	126.6
L	Jul 2010	913	14.8	643.57	1714	-11	141.98	242.2	115.3	95	126.4
*	Aug 2010	838	13.6	641.95	1670	-44	140.67	255.0	105.9	100	126.4
	Sep 2010	796	13.4	638.00	1564	-106	132.86	255.0	98.0	100	123.1
	WY 2010	8779							1099.8		
	Oct 2010	722	11.7	633.00	1434	-130	128.15	255.0	86.4	100	119.6
	Nov 2010	645	10.8	635.00	1486	51	129.81	153.0	76.5	60	118.6
	Dec 2010	553	9.0	638.71	1583	97	132.78	153.0	67.4	60	121.8
	Jan 2011	601	9.8	641.80	1666	83	136.23	155.5	74.8	61	124.6
	Feb 2011	664	12.0	641.80	1666	0	137.86	153.0	83.1	60	125.2
	Mar 2011	957	15.6	643.05	1700	34	137.40	186.2	119.2	73	124.6
	Apr 2011	1085	18.2	643.00	1699	-2	137.09	216.8	134.9	85	124.3
	May 2011	962	15.6	643.00	1699	0	136.04	255.0	120.3	100	125.1
	Jun 2011	872	14.6	642.00	1671	-27	135.51	255.0	108.9	100	124.9
	Jul 2011	894	14.5	641.50	1658	-14	134.73	255.0	111.1	100	124.3
	Aug 2011	783	12.7	641.50	1658	0	134.46	255.0	97.6	100	124.7
	Sep 2011	751	12.6	638.00	1564	-94	132.62	255.0	92.5	100	123.1
	WY 2011	9489							1172.8		
	Oct 2011	578	9.4	633.00	1434	-130	128.65	237.2	69.7	93	120.5
	Nov 2011	515	8.7	635.00	1486	51	127.14	234.6	61.5	92	119.4
	Dec 2011	435	7.1	638.71	1583	97	130.00	239.7	53.4	94	122.6
	Jan 2012	577	9.4	641.80	1666	83	134.16	219.3	72.0	86	124.7
	Feb 2012	653	11.4	641.80	1666	0	135.05	244.8	81.9	96	125.4
	Mar 2012	943	15.3	643.05	1700	34	135.44	255.0	117.5	100	124.7
	Apr 2012	1108	18.6	643.00	1699	-2	136.07	255.0	137.7	100	124.2
	May 2012	953	15.5	643.00	1699	0	136.04	255.0	119.3	100	125.1
	Jun 2012	841	14.1	642.00	1671	-27	135.51	255.0	105.2	100	125.1
	Jul 2012	880	14.3	641.50	1658	-14	134.73	255.0	109.4	100	124.4
	Aug 2012	785	12.8	641.50	1658	0	134.46	255.0	97.9	100	124.7

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T E M R E S E R V O I R S

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Parker Dam - Lake Havasu

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Parker Static Head Feet	Parker Generator Capacity MW	Parker Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Sep 2009	505	8.5	447.16	564	-19	81.08	87.6	35.0	73	69.2
	WY 2009	6347							433.2		
H	Oct 2009	446	7.2	448.03	581	16	80.62	90.0	30.5	75	68.5
I	Nov 2009	365	6.1	447.61	573	-8	81.65	66.0	25.9	55	71.0
S	Dec 2009	299	4.9	447.34	568	-5	81.50	76.8	20.2	64	67.4
T	Jan 2010	233	3.8	448.89	597	29	82.98	66.0	15.6	55	66.8
O	Feb 2010	331	6.0	446.29	548	-49	78.17	90.0	22.8	75	68.8
R	Mar 2010	668	10.9	447.15	564	16	81.28	90.0	45.4	75	67.9
I	Apr 2010	670	11.3	448.61	592	28	81.42	90.0	46.8	75	69.8
C	May 2010	662	10.8	448.83	596	4	81.45	115.2	46.0	96	69.6
A	Jun 2010	650	10.9	448.64	592	-4	80.58	120.0	46.4	100	71.3
L	Jul 2010	743	12.1	448.61	592	-1	82.51	120.0	50.9	100	68.4
*	Aug 2010	646	10.5	448.20	584	-8	81.98	120.0	44.7	100	69.2
	Sep 2010	539	9.1	447.00	561	-23	74.98	120.0	35.1	100	65.2
	WY 2010	6254							430.3		
	Oct 2010	449	7.3	446.50	552	-9	74.96	102.0	29.1	85	64.7
	Nov 2010	379	6.4	446.50	552	0	74.71	102.0	24.3	85	64.1
	Dec 2010	289	4.7	446.50	552	0	74.71	102.0	18.2	85	63.0
	Jan 2011	358	5.8	446.50	552	0	74.71	102.0	22.8	85	63.8
	Feb 2011	442	8.0	446.50	552	0	73.92	120.0	28.3	100	64.1
	Mar 2011	706	11.5	446.70	555	4	74.01	120.0	45.8	100	64.9
	Apr 2011	777	13.1	448.70	593	38	75.08	120.0	51.3	100	66.0
	May 2011	688	11.2	448.70	593	0	76.05	120.0	45.7	100	66.4
	Jun 2011	659	11.1	448.70	593	0	76.05	120.0	43.8	100	66.4
	Jul 2011	716	11.6	448.00	580	-13	75.71	120.0	47.4	100	66.3
	Aug 2011	613	10.0	447.50	571	-10	75.13	120.0	40.2	100	65.5
	Sep 2011	531	8.9	446.81	557	-13	74.55	120.0	34.4	100	64.8
	WY 2011	6607							431.4		
	Oct 2011	441	7.2	446.31	548	-9	74.77	102.0	28.5	85	64.6
	Nov 2011	375	6.3	446.50	552	3	74.62	102.0	24.0	85	64.0
	Dec 2011	286	4.6	446.50	552	0	74.71	102.0	18.0	85	62.9
	Jan 2012	349	5.7	446.50	552	0	74.71	102.0	22.3	85	63.7
	Feb 2012	446	7.8	446.50	552	0	73.92	120.0	28.6	100	64.0
	Mar 2012	705	11.5	446.70	555	4	74.01	120.0	45.8	100	64.9
	Apr 2012	814	13.7	448.70	593	38	75.08	120.0	53.8	100	66.1
	May 2012	694	11.3	448.70	593	0	76.05	120.0	46.1	100	66.5
	Jun 2012	643	10.8	448.70	593	0	76.05	120.0	42.7	100	66.4
	Jul 2012	716	11.7	448.00	580	-13	75.71	120.0	47.5	100	66.3
	Aug 2012	630	10.2	447.50	571	-10	75.13	120.0	41.3	100	65.6

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T Y M R E S E R V O I R S

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Upper Basin Power

		Glen Canyon 1000 MWHR	Flam Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Res 1000 MWHR	Font Res 1000 MWHR
*	Sep 2009	275	48	28	35	20	6
	Summer 2009	275	48	28	35	20	6
H	Oct 2009	285	44	24	28	14	4
I	Nov 2009	309	42	8	9	4	0
S	Dec 2009	403	42	13	17	9	0
T	Jan 2010	401	43	12	16	8	3
O	Feb 2010	279	34	11	14	4	3
R	Mar 2010	269	23	9	11	6	3
	Winter 2010	1945	228	77	95	46	13
I	Apr 2010	265	19	13	19	13	3
C	May 2010	267	39	31	45	21	3
A	Jun 2010	272	54	15	22	18	4
L	Jul 2010	368	38	30	34	20	8
*	Aug 2010	366	40	27	33	19	6
	Sep 2010	202	39	25	31	16	4
	Summer 2010	1741	228	141	185	106	26
	Oct 2010	208	28	17	22	12	5
	Nov 2010	338	24	9	12	6	5
	Dec 2010	398	25	13	17	9	5
	Jan 2011	395	25	18	23	12	5
	Feb 2011	371	22	15	19	10	4
	Mar 2011	369	18	12	15	8	4
	Winter 2011	2079	142	85	109	56	28
	Apr 2011	424	17	13	21	13	5
	May 2011	448	40	29	47	23	7
	Jun 2011	467	69	23	34	22	9
	Jul 2011	503	37	34	42	22	10
	Aug 2011	464	37	38	46	23	10
	Sep 2011	296	36	35	41	21	3
	Summer 2011	2601	237	172	231	125	43
	Oct 2011	304	37	18	22	12	6
	Nov 2011	288	36	8	11	6	6
	Dec 2011	328	37	29	36	18	6
	Jan 2012	326	37	23	29	15	5
	Feb 2012	243	35	16	21	11	4
	Mar 2012	243	37	12	17	9	5
	Winter 2012	1732	219	106	136	71	32
	Apr 2012	243	36	14	21	12	5
	May 2012	247	47	32	49	23	6
	Jun 2012	302	76	18	29	21	9
	Jul 2012	342	50	32	40	22	10
	Aug 2012	343	50	38	45	23	8

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model_run_id = 2069

F L O O D C O N T R O L C R I T E R I A
B E G I N N I N G O F M O N T H C O N D I T I O N S

MON	YEAR	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	LAKE POWELL KAF	UPPER BASIN TOTAL KAF	LAKE MEAD KAF	TOTAL KAF	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	TOT OR MAX ALLOW KAF	LAKE POWELL KAF	LAKE MEAD KAF	TOTAL KAF	BOM SPACE REQD KAF	MEAD SCHED REL KAF	MEAD FC REL KAF	SYS CONT MAF
		* * * * P R E D I C T E D S P A C E * * * *							* * * * C R E D I T A B L E S P A C E * * * *									
SEP	2010	567	164	250	8953	9934	17025	26958	567	164	250	980	8953	17025	26958	2270	707	0	33.3
OCT	2010	638	204	278	8940	10059	17245	27305	638	204	278	1120	8940	17245	27305	3040	602	0	33.0
NOV	2010	677	227	273	8939	10116	17362	27478	677	227	273	1177	8939	17362	27478	3810	716	0	32.8
DEC	2010	704	230	273	9267	10474	17288	27762	704	230	273	1207	9267	17288	27762	4580	672	0	32.6
JAN	2011	744	248	282	9745	11019	17018	28037	744	248	282	1274	9745	17018	28037	5350	707	0	32.4
												* * * * E F F E C T I V E S P A C E * * * *							
JAN	2011	744	248	282	9745	11019	17018	28037	389	242	271	902	9745	17018	27665	5350	707	0	32.4
FEB	2011	784	287	293	10228	11592	16707	28299	427	283	281	991	10228	16707	27926	1500	678	0	32.2
MAR	2011	817	318	295	10688	12117	16416	28532	457	316	282	1054	10688	16416	28158	1500	1018	0	31.9
APR	2011	807	327	253	11028	12414	16485	28900	442	327	234	1003	11028	16485	28516	1500	1115	0	31.7
MAY	2011	752	299	169	11356	12576	16544	29120	380	298	131	809	11356	16544	28709	1500	994	0	32.8
JUN	2011	658	198	113	10614	11582	16448	28030	276	183	42	500	10614	16448	27562	1500	872	0	34.4
JUL	2011	490	27	146	9449	10112	16262	26374	94	-13	26	106	9449	16262	25817	1500	902	0	34.5
												* * * * C R E D I T A B L E S P A C E * * * *							
AUG	2011	414	37	171	9592	10214	16017	26232	414	37	171	622	9592	16017	26232	1500	809	0	34.2
SEP	2011	447	98	197	10072	10814	15729	26543	447	98	197	742	10072	15729	26543	2270	675	0	33.8
OCT	2011	505	162	205	10238	11111	15708	26818	505	162	205	872	10238	15708	26818	3040	458	0	33.7
NOV	2011	555	181	200	10421	11358	15470	26828	555	181	200	937	10421	15470	26828	3810	586	0	33.6
DEC	2011	606	178	201	10579	11564	15380	26944	606	178	201	985	10579	15380	26944	4580	554	0	33.5
JAN	2012	673	248	210	10829	11960	15151	27111	673	248	210	1131	10829	15151	27111	5350	684	0	33.4
												* * * * E F F E C T I V E S P A C E * * * *							
JAN	2012	673	248	210	10829	11960	15151	27111	348	248	166	762	10829	15151	26743	5350	684	0	33.4
FEB	2012	735	301	220	11107	12364	14965	27329	409	301	175	886	11107	14965	26958	1500	668	0	33.2
MAR	2012	786	333	220	11228	12567	14949	27515	458	333	174	965	11228	14949	27142	1500	1004	0	32.9
APR	2012	788	341	205	11230	12563	15292	27854	456	341	153	949	11230	15292	27470	1500	1138	0	32.7
MAY	2012	750	317	136	11068	12271	15791	28062	411	317	64	793	11068	15791	27652	1500	985	0	33.8
JUN	2012	623	229	145	9889	10886	16158	27044	274	229	40	543	9889	16158	26589	1500	841	0	35.5
JUL	2012	449	45	201	8334	9028	16329	25357	83	18	48	149	8334	16329	24812	1500	888	0	35.7
												* * * * C R E D I T A B L E S P A C E * * * *							
AUG	2012	383	27	204	7974	8588	16450	25038	383	27	204	614	7974	16450	25038	1500	811	0	35.4

October 24-Month Study
Date: October 8, 2010

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

Reservoir	September Inflow (unregulated) (acre-feet)	Percent of Average (%)	October 6 Midnight Elevation (feet)	Reservoir Storage (acre-feet)
Fontenelle	29,000	54	6496.36	272,000
Flaming Gorge	22,000	34	6024.65	3,147,000
Blue Mesa	23,000	63	7491.30	591,000
Navajo	24,000	61	6064.33	1,404,000
Powell	276,000	58	3634.08	15,315,000

Expected Operations

The operation of Lake Powell and Lake Mead in this October 2010 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines), and reflects the 2010 Annual Operating Plan (AOP) and draft 2011 AOP. Pursuant to the Interim Guidelines, the August 2010 24-Month Study projections of the January 1, 2011 system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2011.

The Lake Powell operational tier for water year 2011 is the Upper Elevation Balancing Tier. The Intentionally Created Surplus (ICS) Surplus condition is the criterion governing the operation of Lake Mead for calendar years 2010 and 2011.

Consistent with Section 6.B.4 of the Interim Guidelines, if the April 24-Month study projects the September 30 Lake Mead elevation to be below 1,075 feet and the September 30, Lake Powell elevation to be at or above 3,575 feet, the Secretary shall balance the contents of Mead and Powell but release not more than 9.0 maf. Consistent with this provision, the October 24-Month Study projects such an adjustment to occur in April, resulting in a water year release from Lake Powell of 9.0 maf.

Based on analysis of a range of inflow scenarios, the current probability of an April adjustment to operation of Lake Powell being governed by the Equalization Tier in 2011 is approximately 50 percent.

The Interim Guidelines are available for download at
http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The 2010 AOP is available for download at
http://www.usbr.gov/lc/region/g4000/AOP2010/AOP10.pdf.
The draft 2011 AOP is available for download at
http://www.usbr.gov/uc/water/rsvrs/ops/aop/AOP11_draft.pdf.

Fontenelle Reservoir – Inflows for the month of September were 29,000 acre-feet, or 54% of average. The reservoir elevation is 6496.5 feet above sea level and 81% of capacity. Current inflows are approximately 430cfs and reservoir releases are 1,000 cfs. Releases will likely be close to 1,000 for the fall and winter months. The reservoir elevation will continue to decline through the fall and winter.

The Colorado Basin River Forecast Center has updated the water year 2011 (October 2010 to September 2011) forecast. At this early point, inflows over the next year are expected to be 72% of average. Inflows over the next three months are forecasted to be well below average: 34,000 acre-ft (65%), 31,000 acre-ft (70%) and 27,000 acre-ft (82%), for October, November, and December respectively.

The next Fontenelle Working Group meeting is scheduled for April 21, 2011 at 10:00 am at the Seedskadee National Wildlife Refuge Visitor Center. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir.

Flaming Gorge Reservoir – September observed unregulated inflow into Flaming Gorge reservoir was 22,000 acre-feet (AF), or 34 percent of average inflow. The September end of month elevation was 6024.8 feet, which equates to 3.15 million acre-feet or 84 percent of live storage capacity. Releases out of Flaming Gorge for the base flow period are decreasing to a winter daily average release of 1,050 cfs. It is anticipated that they will remain at this level until the end of February, when releases will be reduced to steady 800 cfs flows from the beginning of March until spring runoff occurs sometime in mid- to late-May 2011.

Yampa River flows during the base flow period impact the hourly release schedule from Flaming Gorge because flows must remain within 0.1 meter stage change at Jensen, Utah. As Yampa River flows decrease, the Flaming Gorge release schedule will change. The hourly release schedule will be communicated as it changes throughout the base flow period.

The next Flaming Gorge Working Group meeting is scheduled for April 26, 2011 at 7:00 p.m. in a location to be determined. The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stake holders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations and plans presented by Reclamation at these meetings. For more information on this group and these meetings please contact Ed Vidmar at 801-379-1182.

Aspinall Unit Reservoirs - September unregulated inflow into Blue Mesa Reservoir was 23,000 acre-feet or 63 percent of average. Precipitation during September was observed to be about 65 percent of average. The current inflow rate into Blue Mesa Reservoir is about 560 cfs and reservoir releases are averaging about 1,700 cfs. Blue Mesa's present elevation is 7491.3 feet, which corresponds to a storage content of about 591,000 acre-feet. The unregulated reservoir inflow into Blue Mesa Reservoir during water year 2010 was 725,000 acre-feet, or about 77 percent of average.

Releases from Crystal are currently set at 1800 cfs. The current diversion rate through the Gunnison Diversion Tunnel is about 1,000 cfs, which results in a river flow below the diversion tunnel of approximately 800 cfs. As the irrigation season comes to a close decreases in Crystal releases will occur as the demand for irrigation water is reduced and the Gunnison Tunnel flows are shut off. Because of drier than average conditions in the basin, flows in the Gunnison River below the tunnel will be gradually reduced to 500 to 600 cfs through the late fall and early winter months.

The last meeting of the "Aspinall Unit Working Group" was held on Thursday September 2nd in the Elk Creek Visitors Center at Blue Mesa Reservoir. Spring and summer operations were reviewed and future fall and winter reservoir operations discussed. These meetings are open forum discussions on the Aspinall Unit reservoir operations with many interested groups participating. Anyone needing further information about these meetings should contact Dan Crabtree in the Grand Junction Area Office at (970) 248-0652.

Navajo Reservoir - As a result of forecasted cooler, wetter conditions in the San Juan River Basin, the Bureau of Reclamation decreased the release from Navajo Reservoir to 650 cubic cfs on Monday, October 4, 2010. Releases are made for the authorized purposes of the Navajo Unit, and to attempt to maintain a target base flow through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell).

This scheduled release change is subject to changes in river flows and weather conditions. Reclamation will continue to closely monitor weather and stream flow conditions and make adjustments to the Navajo Reservoir release as necessary.

Precipitation for the month of September in the San Juan River basin was about 65 percent of average. Unregulated inflow into Navajo Reservoir during the month of September was 24,000 acre-feet, or 61 percent of average. Currently, the daily reservoir inflow is averaging about 450 cfs. Diversions for NIIP are currently 300 cfs. The reservoir water surface elevation is at 6064.33 feet, which corresponds to a storage content of about 1,404,000 acre-feet.

The unregulated reservoir inflow into Navajo Reservoir during water year 2010 was recorded at 766,000 acre-feet, or about 76 percent of average. The reservoir had a seasonal peak elevation of 6075.53 feet on June 15, 2010. There was no spring peak release provided this runoff season because of low spring inflows.

A public meeting on Navajo Reservoir operations was held on Tuesday, August 24, 2010 at 1:00 p.m. in Farmington, New Mexico. At this meeting, review of last spring and summer reservoir operations, and plans for this fall and winter operations were discussed. These are open forum discussions on the operation of Navajo Reservoir with many interested groups participating. Anyone interested in the general operation of the reservoir is encouraged to attend. Please contact Pat Page in Reclamation's Durango, Colorado Office at (970) 385-6560 for information about these meetings or the daily operation of Navajo Reservoir.

Glen Canyon Dam / Lake Powell –During September 2010 the unregulated inflow volume to Lake Powell was 276 kaf (58% of average). This was be approximately 124 kaf below what was projected in the September 24-Month Study and as a result the elevation of Lake Powell at the end of September was about 1 foot lower than what was projected. The September 30th elevation of Lake Powell was 3633.66 feet above sea level which corresponds to a live storage of approximately 15.27 maf and 62.8% of the full capacity of 24.32 maf.

On September 1, 2010 and continuing through October 31, 2010, the releases from Glen Canyon Dam will be steady with no fluctuations for power production (excluding system regulation and spinning reserves) for the steady flow experiment pursuant to the February 2008 Finding of No Significant Impact 'Experimental Releases from Glen Canyon Dam, Arizona 2008 through 2012'. This will be the third year of steady flows of the 5 year experiment. The steady release rate for this year is 8,000 cfs which is equivalent to a monthly release volume of approximately 476,000 acre-feet in September 2010 and 492,000 acre-feet in October 2010.

During the steady flow experiment the instantaneous releases from Glen Canyon Dam may fluctuate somewhat to provide approximately 40 megawatts of system regulation to maintain stable conditions within the electrical generation and transmission system. This translates into momentary release fluctuations within a range that is 1100 cfs above or below the targeted steady release target of 8000 cfs. These momentary fluctuations for regulation are very short lived and typically balance out over the hour. Spinning and non-spinning reserve generation will also be carried at Glen Canyon Dam during the steady flow experiment. When an unanticipated outage event occurs in the generation system, reserve generation at Glen Canyon Dam can also be called upon up to a limit of 83 megawatts (approximately 2,250 cfs of release) for a duration of 2 hours or less. Under normal circumstances, calls for reserve generation occur fairly infrequently and are for much less than the limit of 83 megawatts.

The August 2010 24-Month Study (most probable inflow scenario) projected the January 1, 2011 elevation of Lake Powell to be 3628.73 feet. Pursuant to the Interim Guidelines and based on this August projection, the operational tier for water year 2011 will be the Upper Elevation Balancing Tier. Under the Upper Elevation Balancing Tier, there is a possibility that the annual release volume from Lake Powell could be 8.23 maf. There is also a possibility under this tier that Equalization or Balancing could occur in 2011 which would result in an annual release volume greater than 8.23 maf.

The possibility of Equalization or Balancing in 2011 is dependent on the reservoir conditions projected in the April 2011 24-Month Study under the most probable inflow scenario and with 8.23 maf projected for release from Lake Powell during water year 2011. For this reason it will not be known for certain whether Equalization or Balancing will occur in water year 2011 until April 2011. 24-Month Studies prior to April 2011 can project that Equalization or Balancing are likely to occur, but these projections are subject to change with changes in the forecasted hydrology of the Colorado River Basin. It is possible that a relatively small change in forecasted hydrology can have a large impact on the projected annual release volume.

The October 2010 24-Month Study with the most probable inflow and an 8.23 maf release does project that a shift to Balancing is likely to occur in April 2011. For this reason, the projected most probable annual release volume for water year 2011in this 24-Month Study is 9.00 maf. However, given the current range of uncertainty of the forecasted hydrology for 2011, it is still possible that Equalization could occur in water year 2011. Analysis of the probable range of inflows that could occur during water year 2011 indicate that the probability of Equalization occurring in 2011 is currently about 50%.

The current inflow forecast for Lake Powell projects the most probable unregulated inflow volumes for the next 3 months as follows: October-375 kaf (69% of average; November-400 kaf (73% of average); December-375 kaf (86% of average). The outlook for water year 2011 (dated October 3, 2010) projected the most probable unregulated inflow volume to Lake Powell during water year 2011 to be 9.60 maf (80% of average). It is possible that the unregulated volume of inflow to Lake Powell in water year 2011 will be greater than or less than the most probable projection. The probable range of unregulated inflow volumes to Lake Powell during water year 2011 is currently projected to be as dry as 4.5 maf (37% of average) to as wet as 15.8 maf (131% of average).

Upper Colorado River Basin Hydrology

In the Upper Colorado River Basin during water year 2009, the overall precipitation accumulated through September 30, 2009 was approximately 95% of average based on the 30 year average for the period from 1971 through 2000. The overall estimated precipitation percentage of average for water year 2010 for the Upper Colorado River Basin is 89% of average.

The Climate Prediction Center outlook (dated September 16, 2010) for temperature over the next 3 months indicates that temperatures in the Upper Colorado River Basin are expected to be above average while precipitation over the next 3 months is projected to be below average.

Upper Colorado River Basin Drought

The Upper Colorado River Basin continues to experience a protracted multi-year drought. Since 1999, inflow to Lake Powell has been below average in every year except water years 2005 and 2008. In the summer of 1999, Lake Powell was close to full with reservoir storage at 23.5 million acre-feet, or 97 percent of capacity. During the next 5 years (2000 through 2004) unregulated inflow to Lake Powell was well below average. This resulted in Lake Powell storage decreasing during this period to 8.0 million acre-feet (33 percent of capacity) which occurred on April 8, 2005. During 2005, 2008 and 2009, drought conditions eased somewhat with net gains in storage to Lake Powell. As of October 1, 2010 the storage in Lake Powell was 15.26 million acre-feet (62.7 % of capacity) which is still below desired levels while the overall reservoir storage in the Colorado River Basin as of October 1, 2010 is 33.05 million acre-feet (55.6 % of capacity).

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-280
125 SOUTH STATE STREET, ROOM 6107
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-5571

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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:	Obs			sep	Forecast		
:	jun	jul	aug	sep	%Avg	oct	nov	dec
GLDA3:Lake Powell	2777	674	505	276	58%:	375/	400/	375/
GBRW4:Fontenelle	251	134	50	29	54%:	34/	31/	27/
GRNU1:Flaming Gorge	387	151	54	22	34%:	38/	38/	34/
BMDC2:Blue Mesa	205	50	56	23	63%:	29/	27/	23/
MPSC2:Morrow Point	216	51	56	23	58%:	31/	29/	25/
CLSC2:Crystal	242	55	61	26	54%:	35/	33/	29/
TPIC2:Taylor Park	35	9.7	9.6	6.3	89%:	5/	4.5/	4/
VCRC2:Vallecito	46	11.7	18.8	10.3	63%:	7.5/	6.5/	5/
NVRN5:Navajo	152	15.3	39	24	61%:	25/	29/	22/
LEMC2:Lemon	10.3	2.5	4.4	1.77	45%:	1.3/	1/	0.75/
MPHC2:McPhee	51	10.4	16.6	8.2e	67%:	5.5/	5/	4/

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Fontenelle Reservoir

	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
* Oct 2009	48	1	51	11	62	6494.68	260
H Nov 2009	42	1	0	62	62	6491.61	239
I Dec 2009	31	1	0	70	71	6485.42	198
S Jan 2010	28	1	38	30	69	6478.10	157
T Feb 2010	23	0	55	0	55	6471.41	125
O Mar 2010	43	0	56	0	56	6468.40	112
R Apr 2010	63	1	47	1	48	6471.88	127
I May 2010	40	1	49	0	49	6469.44	117
C Jun 2010	251	2	50	1	51	6502.04	314
A Jul 2010	134	3	91	22	113	6504.39	333
L Aug 2010	50	2	68	0	68	6501.76	312
* Sep 2010	29	2	26	35	61	6497.33	279
WY 2010	781	14	530	233	763		
Oct 2010	34	1	56	5	61	6493.31	251
Nov 2010	31	1	57	0	57	6489.35	224
Dec 2010	27	1	58	0	58	6484.40	192
Jan 2011	24	1	58	0	58	6478.18	157
Feb 2011	24	0	53	0	53	6472.05	128
Mar 2011	41	0	58	0	58	6467.84	110
Apr 2011	74	1	71	0	71	6468.34	112
May 2011	131	1	97	1	98	6475.61	145
Jun 2011	252	2	101	0	101	6499.25	293
Jul 2011	147	3	98	0	98	6505.19	339
Aug 2011	65	2	80	0	80	6503.01	322
Sep 2011	47	2	36	32	68	6500.02	299
WY 2011	897	15	824	38	863		
Oct 2011	49	1	70	0	70	6496.90	276
Nov 2011	41	1	68	0	68	6493.04	249
Dec 2011	32	1	70	0	70	6487.17	210
Jan 2012	30	1	70	0	70	6480.38	169
Feb 2012	28	0	66	0	66	6472.60	131
Mar 2012	52	0	70	0	70	6468.11	111
Apr 2012	89	1	83	0	83	6469.55	117
May 2012	176	1	86	0	86	6486.59	206
Jun 2012	307	2	104	112	216	6499.50	295
Jul 2012	185	3	101	34	135	6505.60	342
Aug 2012	82	2	88	0	88	6504.60	334
Sep 2012	48	2	66	0	66	6502.11	315
WY 2012	1121	15	943	146	1089		

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Flaming Gorge Reservoir

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Yampa Flow 1000 Ac-Ft	Jensen Flow 1000 Ac-Ft
*	Oct 2009	45	59	7	109	0	109	134	6029.69	3337	0	152
H	Nov 2009	47	67	4	104	0	104	133	6028.67	3298	0	143
I	Dec 2009	19	59	2	107	1	108	131	6027.38	3249	0	504
S	Jan 2010	27	68	2	109	0	109	129	6026.29	3208	0	669
T	Feb 2010	29	61	2	87	0	87	128	6025.55	3181	0	111
O	Mar 2010	69	81	3	60	0	60	129	6026.01	3198	0	118
R	Apr 2010	96	81	5	49	0	49	130	6026.69	3223	206	240
I	May 2010	72	81	8	101	0	101	129	6025.97	3196	507	551
C	Jun 2010	387	187	10	138	0	138	130	6026.97	3234	619	745
A	Jul 2010	151	130	13	96	0	96	131	6027.51	3254	78	195
L	Aug 2010	54	72	12	100	0	100	129	6026.47	3215	24	138
*	Sep 2010	22	54	10	106	0	106	127	6024.83	3154	13	131
	WY 2010	1018	1000	79	1168	1	1169					3699
	Oct 2010	38	65	7	75	0	75	126	6024.40	3138	0	75
	Nov 2010	38	64	3	59	0	59	126	6024.42	3139	0	59
	Dec 2010	34	65	2	61	0	61	126	6024.47	3141	0	61
	Jan 2011	31	65	2	61	0	61	126	6024.53	3143	0	61
	Feb 2011	31	60	2	56	0	56	126	6024.59	3145	0	56
	Mar 2011	63	80	3	50	0	50	128	6025.30	3171	0	50
	Apr 2011	101	98	5	48	0	48	129	6026.49	3215	0	48
	May 2011	163	130	8	103	0	103	130	6026.97	3234	0	103
	Jun 2011	293	142	10	188	0	188	128	6025.52	3179	0	188
	Jul 2011	160	111	13	83	0	83	128	6025.91	3194	0	83
	Aug 2011	72	87	12	83	0	83	128	6025.69	3186	0	83
	Sep 2011	53	74	11	80	0	80	127	6025.25	3169	0	80
	WY 2011	1077	1043	78	949	0	949					949
	Oct 2011	59	81	7	83	0	83	127	6025.01	3161	0	83
	Nov 2011	50	77	3	80	0	80	127	6024.84	3154	0	80
	Dec 2011	36	74	2	83	0	83	126	6024.56	3144	0	83
	Jan 2012	41	81	2	83	0	83	126	6024.47	3141	0	83
	Feb 2012	46	84	2	78	0	78	126	6024.57	3144	0	78
	Mar 2012	104	123	3	83	0	83	128	6025.52	3180	0	83
	Apr 2012	142	136	5	80	0	80	130	6026.83	3228	0	80
	May 2012	265	175	8	107	0	107	132	6028.36	3286	0	107
	Jun 2012	399	307	11	212	0	212	135	6030.48	3368	0	212
	Jul 2012	218	168	14	135	0	135	136	6030.96	3386	0	135
	Aug 2012	96	102	13	135	0	135	134	6029.82	3342	0	135
	Sep 2012	58	76	11	131	0	131	132	6028.16	3278	0	131
	WY 2012	1515	1484	80	1291	0	1291					1291

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Taylor Park Reservoir

		Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Oct 2009	7	8	9311.60	72
H	Nov 2009	5	6	9310.68	71
I	Dec 2009	4	6	9309.18	69
S	Jan 2010	4	6	9307.90	67
T	Feb 2010	4	6	9306.55	65
O	Mar 2010	4	6	9305.31	63
R	Apr 2010	11	6	9308.40	67
I	May 2010	22	9	9316.36	80
C	Jun 2010	35	18	9325.55	97
A	Jul 2010	10	20	9320.19	87
L	Aug 2010	10	17	9316.06	80
*	Sep 2010	6	14	9311.57	72
	WY 2010	121	122		
	Oct 2010	5	6	9310.95	71
	Nov 2010	5	6	9310.02	70
	Dec 2010	4	6	9308.75	68
	Jan 2011	4	6	9307.12	65
	Feb 2011	3	6	9305.12	62
	Mar 2011	3	6	9303.06	59
	Apr 2011	7	8	9302.71	59
	May 2011	24	14	9309.38	69
	Jun 2011	37	19	9319.99	87
	Jul 2011	16	22	9316.62	81
	Aug 2011	8	20	9309.38	69
	Sep 2011	6	16	9302.71	59
	WY 2011	121	134		
	Oct 2011	6	10	9299.95	55
	Nov 2011	5	6	9299.14	54
	Dec 2011	4	6	9297.99	52
	Jan 2012	4	6	9296.60	51
	Feb 2012	4	6	9294.83	48
	Mar 2012	4	6	9293.39	47
	Apr 2012	8	8	9294.08	48
	May 2012	27	14	9303.96	61
	Jun 2012	43	18	9319.26	86
	Jul 2012	20	22	9318.38	84
	Aug 2012	10	22	9311.33	72
	Sep 2012	7	16	9305.52	63
	WY 2012	144	139		

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Blue Mesa Reservoir

	Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir elevation EOM Feet	Live Storage 1000 Ac-Ft
* Oct 2009	33	34	1	81	0	81	7492.82	603
H Nov 2009	27	28	0	28	0	28	7492.84	604
I Dec 2009	21	23	0	47	0	47	7489.73	579
S Jan 2010	22	24	0	43	0	43	7487.22	560
T Feb 2010	22	24	0	38	0	38	7485.33	546
O Mar 2010	29	30	0	33	0	33	7484.88	542
R Apr 2010	96	92	1	45	0	45	7490.80	588
I May 2010	143	131	1	110	6	116	7492.59	602
C Jun 2010	205	186	1	51	0	51	7508.76	735
A Jul 2010	50	60	1	98	0	98	7504.17	696
L Aug 2010	56	63	1	92	0	92	7500.54	666
* Sep 2010	23	31	1	86	0	86	7493.54	609
WY 2010	725	727	8	754	6	760		
Oct 2010	29	30	1	63	0	63	7489.27	576
Nov 2010	27	28	0	27	0	27	7489.43	577
Dec 2010	23	25	0	31	0	31	7488.63	571
Jan 2011	21	23	0	33	0	33	7487.37	561
Feb 2011	19	22	0	30	0	30	7486.25	553
Mar 2011	28	31	0	35	0	35	7485.66	548
Apr 2011	70	71	1	44	0	44	7489.07	574
May 2011	185	175	1	90	0	90	7499.60	658
Jun 2011	225	207	1	61	0	61	7516.40	802
Jul 2011	90	96	2	109	0	109	7514.77	788
Aug 2011	48	60	1	122	0	122	7507.55	725
Sep 2011	35	45	1	113	0	113	7499.32	656
WY 2011	800	813	9	758	0	758		
Oct 2011	36	39	1	58	0	58	7496.97	637
Nov 2011	31	32	0	28	0	28	7497.39	640
Dec 2011	25	27	0	85	0	85	7490.00	581
Jan 2012	24	26	0	79	0	79	7482.99	528
Feb 2012	22	24	0	56	0	56	7478.63	496
Mar 2012	34	36	0	43	0	43	7477.59	489
Apr 2012	73	72	1	48	0	48	7480.83	512
May 2012	212	199	1	110	0	110	7492.41	600
Jun 2012	271	246	1	60	0	60	7514.43	785
Jul 2012	121	122	2	103	0	103	7516.40	802
Aug 2012	62	74	1	122	0	122	7510.78	753
Sep 2012	36	45	1	113	0	113	7502.73	684
WY 2012	946	942	9	906	0	906		

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Morrow Point Reservoir

	Unreg Inflow 1000 Ac-Ft	Blue_Mesa Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Evap losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
* Oct 2009	34	81	1	82	0	81	0	81	7148.23	108
H Nov 2009	29	28	2	30	0	27	0	27	7152.38	111
I Dec 2009	22	47	1	48	0	47	0	47	7153.12	112
S Jan 2010	24	43	2	45	0	47	0	47	7150.49	109
T Feb 2010	22	38	1	38	0	41	0	41	7147.10	107
O Mar 2010	29	33	1	34	0	34	0	34	7147.29	107
R Apr 2010	107	45	11	57	0	55	0	55	7149.84	109
I May 2010	159	116	16	132	0	129	0	129	7154.46	113
C Jun 2010	216	51	12	63	0	64	0	64	7153.15	112
A Jul 2010	51	98	1	98	0	96	0	96	7156.02	114
L Aug 2010	56	92	1	93	0	93	0	93	7155.63	114
* Sep 2010	23	86	0	87	0	92	0	92	7148.78	108
WY 2010	773	760	48	807	1	805	0	805		
Oct 2010	31	63	2	65	0	61	0	61	7153.73	112
Nov 2010	29	27	2	29	0	29	0	29	7153.73	112
Dec 2010	25	31	2	33	0	33	0	33	7153.73	112
Jan 2011	22	33	1	34	0	34	0	34	7153.73	112
Feb 2011	20	30	1	31	0	31	0	31	7153.73	112
Mar 2011	31	35	3	38	0	38	0	38	7153.73	112
Apr 2011	80	44	10	54	0	54	0	54	7153.73	112
May 2011	205	90	20	110	0	110	0	110	7153.73	112
Jun 2011	245	61	20	81	0	81	0	81	7153.73	112
Jul 2011	95	109	5	114	0	114	0	114	7153.73	112
Aug 2011	50	122	2	124	0	124	0	124	7153.73	112
Sep 2011	37	113	2	115	0	115	0	115	7153.73	112
WY 2011	870	758	70	828	0	824	0	824		
Oct 2011	38	58	3	61	0	61	0	61	7153.73	112
Nov 2011	33	28	2	30	0	30	0	30	7153.73	112
Dec 2011	27	85	2	87	0	87	0	87	7153.73	112
Jan 2012	26	79	2	81	0	81	0	81	7153.73	112
Feb 2012	25	56	3	59	0	59	0	59	7153.73	112
Mar 2012	38	43	4	47	0	47	0	47	7153.73	112
Apr 2012	84	48	11	59	0	59	0	59	7153.73	112
May 2012	237	110	25	135	0	135	0	135	7153.73	112
Jun 2012	292	60	21	81	0	81	0	81	7153.73	112
Jul 2012	127	103	7	110	0	110	0	110	7153.73	112
Aug 2012	65	122	4	126	0	126	0	126	7153.73	112
Sep 2012	39	113	3	116	0	116	0	116	7153.73	112
WY 2012	1033	906	86	992	0	992	0	992		

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Crystal Reservoir

	unreg Inflow 1000 Ac-Ft	Morrow Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Tunnel Flow 1000 Ac-Ft	Below_tunnel Flow 1000 Ac-Ft
* Oct 2009	36	81	3	84	72	10	82	6751.89	17	60	36
H Nov 2009	32	27	3	29	31	0	31	6747.51	15	1	31
I Dec 2009	25	47	3	51	52	0	52	6743.59	14	1	53
S Jan 2010	26	47	3	50	49	0	49	6745.38	15	1	50
T Feb 2010	25	41	3	44	25	17	42	6751.67	17	1	43
O Mar 2010	33	34	4	38	38	0	38	6751.84	17	1	38
R Apr 2010	118	55	11	66	66	0	66	6750.96	16	34	34
I May 2010	179	129	20	148	108	39	148	6752.53	17	60	91
C Jun 2010	242	64	25	89	89	0	89	6752.91	17	56	39
A Jul 2010	55	96	4	100	100	0	100	6751.15	16	69	39
L Aug 2010	61	93	5	98	98	0	98	6749.05	16	68	37
* Sep 2010	26	92	3	95	95	0	95	6748.16	16	63	36
WY 2010	859	805	86	891	824	67	890			415	528
Oct 2010	35	61	4	65	64	0	64	6753.04	17	30	34
Nov 2010	33	29	4	33	33	0	33	6753.04	17	0	33
Dec 2010	29	33	4	37	37	0	37	6753.04	17	0	37
Jan 2011	25	34	3	37	37	0	37	6753.04	17	0	37
Feb 2011	22	31	2	33	33	0	33	6753.04	17	0	33
Mar 2011	35	38	4	42	42	0	42	6753.04	17	5	37
Apr 2011	92	54	12	66	66	0	66	6753.04	17	30	36
May 2011	230	110	25	135	134	1	135	6753.04	17	55	80
Jun 2011	275	81	30	111	111	0	111	6753.04	17	60	51
Jul 2011	105	114	10	124	124	0	124	6753.04	17	65	59
Aug 2011	56	124	6	130	130	0	130	6753.04	17	65	65
Sep 2011	43	115	6	121	121	0	121	6753.04	17	55	66
WY 2011	980	824	110	934	932	1	933			365	568
Oct 2011	44	61	6	67	67	0	67	6753.04	17	30	37
Nov 2011	38	30	5	35	35	0	35	6753.04	17	0	35
Dec 2011	32	87	5	92	92	0	92	6753.04	17	0	92
Jan 2012	31	81	5	86	86	0	86	6753.04	17	0	86
Feb 2012	29	59	4	63	63	0	63	6753.04	17	0	63
Mar 2012	46	47	7	54	54	0	54	6753.04	17	5	49
Apr 2012	96	59	12	71	71	0	71	6753.04	17	30	41
May 2012	272	135	35	170	134	36	170	6753.04	17	55	115
Jun 2012	330	81	38	120	120	0	120	6753.04	17	60	60
Jul 2012	144	110	17	127	127	0	127	6753.04	17	65	62
Aug 2012	74	126	8	134	134	0	134	6753.04	17	65	69
Sep 2012	45	116	6	122	122	0	122	6753.04	17	55	67
WY 2012	1183	992	150	1142	1106	36	1142			365	777

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Vallecito Reservoir

		Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Oct 2009	8	13	7629.82	44
H	Nov 2009	4	3	7630.41	45
I	Dec 2009	4	3	7630.60	46
S	Jan 2010	4	3	7631.27	47
T	Feb 2010	3	4	7630.95	46
O	Mar 2010	3	8	7628.45	42
R	Apr 2010	27	4	7640.13	65
I	May 2010	69	20	7660.32	113
C	Jun 2010	46	42	7661.51	116
A	Jul 2010	12	37	7651.21	90
L	Aug 2010	19	33	7645.00	75
*	Sep 2010	10	26	7637.70	59
	WY 2010	209	196		
	Oct 2010	8	20	7631.14	47
	Nov 2010	6	6	7631.39	47
	Dec 2010	5	5	7631.58	48
	Jan 2011	4	3	7632.05	48
	Feb 2011	3	3	7632.40	49
	Mar 2011	6	3	7633.87	52
	Apr 2011	19	10	7638.06	60
	May 2011	62	31	7651.77	91
	Jun 2011	75	41	7664.92	125
	Jul 2011	25	43	7657.87	107
	Aug 2011	17	39	7648.72	84
	Sep 2011	15	29	7642.09	69
	WY 2011	245	232		
	Oct 2011	14	20	7639.07	62
	Nov 2011	8	6	7640.18	65
	Dec 2011	6	5	7640.82	66
	Jan 2012	5	3	7641.76	68
	Feb 2012	5	3	7642.58	70
	Mar 2012	8	3	7644.73	75
	Apr 2012	22	10	7649.58	86
	May 2012	69	45	7659.17	110
	Jun 2012	78	62	7664.92	125
	Jul 2012	31	43	7660.14	112
	Aug 2012	19	39	7652.07	92
	Sep 2012	17	29	7646.86	80
	WY 2012	282	268		

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Navajo Reservoir

		Mod_Unreg Inflow 1000 Ac-Ft	Azetea Tunnel_Div 1000 Ac-Ft	Reg Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	NIIP Diversion 1000 ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Farm Flow 1000 Ac-Ft
*	Oct 2009	16	0	21	2	13	37	6054.76	1283	45
H	Nov 2009	15	0	14	1	0	30	6053.34	1265	48
I	Dec 2009	13	0	12	1	0	32	6051.61	1245	48
S	Jan 2010	15	0	14	1	0	32	6050.04	1226	49
T	Feb 2010	16	0	16	1	0	27	6049.04	1214	43
O	Mar 2010	64	1	68	1	3	31	6051.78	1247	52
R	Apr 2010	222	22	179	2	12	28	6062.79	1384	75
I	May 2010	265	36	182	4	26	30	6071.80	1506	126
C	Jun 2010	152	28	116	5	40	33	6074.50	1544	118
A	Jul 2010	16	2	39	5	47	58	6069.52	1474	72
L	Aug 2010	39	2	52	4	35	41	6067.48	1446	69
*	Sep 2010	24	1	39	3	25	45	6064.97	1412	63
	WY 2010	857	90	753	29	202	423			807
	Oct 2010	25	0	37	2	8	37	6064.25	1403	37
	Nov 2010	29	0	28	1	0	30	6064.06	1400	30
	Dec 2010	22	0	21	1	0	32	6063.18	1389	32
	Jan 2011	21	0	20	1	0	32	6062.22	1376	32
	Feb 2011	26	0	25	1	0	27	6062.03	1374	27
	Mar 2011	77	1	73	2	4	31	6064.83	1411	31
	Apr 2011	140	15	116	3	17	30	6069.81	1478	30
	May 2011	260	34	194	4	29	85	6075.22	1554	85
	Jun 2011	240	28	177	5	44	147	6073.95	1536	147
	Jul 2011	45	4	59	5	47	37	6071.88	1507	37
	Aug 2011	26	2	46	4	40	42	6069.07	1468	42
	Sep 2011	34	1	48	3	22	36	6068.08	1454	36
	WY 2011	945	86	847	30	210	565			565
	Oct 2011	40	2	45	2	8	31	6068.42	1459	31
	Nov 2011	33	0	30	1	0	30	6068.38	1458	30
	Dec 2011	24	0	22	1	0	31	6067.71	1449	31
	Jan 2012	22	0	20	1	0	31	6066.84	1437	31
	Feb 2012	30	0	29	1	0	28	6066.82	1437	28
	Mar 2012	88	2	82	2	4	60	6067.93	1452	60
	Apr 2012	174	16	146	3	17	60	6072.80	1520	60
	May 2012	279	33	221	4	29	200	6071.96	1508	200
	Jun 2012	246	29	201	5	44	212	6067.68	1449	212
	Jul 2012	74	7	79	5	47	37	6066.98	1439	37
	Aug 2012	43	3	61	4	40	42	6065.13	1414	42
	Sep 2012	42	1	53	3	22	36	6064.52	1406	36
	WY 2012	1096	93	989	29	210	797			797

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Lake Powell

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	PowerPlant Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Bank Storage 1000 Ac-Ft	EOM Storage 1000 Ac-Ft	Lees Ferry 1000 Ac-Ft
*	Oct 2009	360	526	41	620	0	620	3633.52	17979	15251	634
H	Nov 2009	421	495	39	692	0	692	3631.10	18018	14976	702
I	Dec 2009	308	437	30	901	0	901	3626.22	18066	14434	925
S	Jan 2010	302	425	9	900	0	900	3622.14	18023	13991	925
T	Feb 2010	294	384	10	631	0	631	3620.16	17978	13780	644
O	Mar 2010	477	474	17	602	0	602	3619.41	17912	13701	612
R	Apr 2010	944	717	26	602	0	602	3620.50	17886	13816	614
I	May 2010	1399	1224	32	601	0	601	3625.96	17887	14405	612
C	Jun 2010	2776	2321	53	601	0	601	3638.82	18096	15864	612
A	Jul 2010	674	706	65	802	0	802	3636.52	18203	15596	824
L	Aug 2010	504	608	64	802	0	802	3634.55	18172	15369	826
*	Sep 2010	277	461	58	480	0	480	3633.66	18197	15267	490
	WY 2010	8737	8777	444	8234	0	8235				8419
	Oct 2010	375	461	40	492	0	492	3633.08	18191	15201	492
	Nov 2010	400	423	38	820	0	820	3629.50	18159	14797	820
	Dec 2010	375	421	30	865	0	865	3625.53	18123	14358	865
	Jan 2011	325	378	9	865	0	865	3621.28	18087	13899	865
	Feb 2011	325	362	10	800	0	800	3617.35	18054	13484	800
	Mar 2011	550	503	16	805	0	805	3614.51	18030	13190	805
	Apr 2011	850	692	25	716	0	716	3614.06	18026	13144	716
	May 2011	1900	1633	31	710	0	710	3621.94	18092	13970	710
	Jun 2011	2500	2211	51	738	0	738	3633.83	18198	15286	738
	Jul 2011	1050	1035	64	838	0	838	3634.91	18208	15410	838
	Aug 2011	500	642	63	875	0	875	3632.51	18186	15136	875
	Sep 2011	450	581	58	476	0	476	3632.89	18189	15179	476
	WY 2011	9600	9340	435	9000	0	9000				9000
	Oct 2011	514	560	40	492	0	492	3633.11	18191	15205	492
	Nov 2011	523	548	39	800	0	800	3630.74	18170	14935	800
	Dec 2011	414	528	30	950	0	950	3626.97	18136	14517	950
	Jan 2012	384	490	9	950	0	950	3622.98	18101	14082	950
	Feb 2012	398	461	10	900	0	900	3619.09	18068	13667	900
	Mar 2012	628	594	16	900	0	900	3616.24	18044	13368	900
	Apr 2012	950	781	25	950	0	950	3614.50	18030	13189	950
	May 2012	2161	1884	31	1125	0	1125	3620.94	18084	13863	1125
	Jun 2012	2811	2452	50	1175	0	1175	3631.30	18175	14999	1175
	Jul 2012	1346	1262	62	1250	0	1250	3630.89	18171	14953	1250
	Aug 2012	566	707	61	1207	0	1207	3626.21	18129	14433	1207
	Sep 2012	460	626	55	714	0	714	3625.00	18119	14300	714
	WY 2012	11154	10893	429	11413	0	11413				11413

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Hoover Dam - Lake Mead

		Glen Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	SNWP Use 1000 Ac-Ft	Dwnstrm Reqmnts 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
*	Oct 2009	620	23	44	613	10.0	25	608	708	1093.26	10897
H	Nov 2009	692	39	44	648	10.9	15	647	710	1093.52	10919
I	Dec 2009	901	51	39	646	10.5	9	629	726	1096.30	11162
S	Jan 2010	900	124	32	634	10.3	6	578	747	1100.02	11493
T	Feb 2010	631	112	30	400	7.2	6	399	766	1103.21	11780
O	Mar 2010	602	87	33	889	14.5	12	868	751	1100.66	11550
R	Apr 2010	602	138	41	933	15.7	19	856	735	1098.00	11313
I	May 2010	601	87	47	961	15.6	28	933	714	1094.30	10987
C	Jun 2010	601	30	55	1007	16.9	27	1006	686	1089.30	10556
A	Jul 2010	802	29	68	941	15.3	33	937	673	1086.97	10357
L	Aug 2010	802	126	72	829	13.5	33	823	673	1086.91	10352
*	Sep 2010	480	83	59	758	12.7	23	755	656	1083.81	10092
	WY 2010	8235	929	564	9260		235	9039			
	Oct 2010	492	55	42	628	10.2	24	628	647	1082.14	9953
	Nov 2010	820	54	42	739	12.4	14	739	652	1083.02	10026
	Dec 2010	865	57	37	628	10.2	8	628	667	1085.81	10260
	Jan 2011	865	135	31	699	11.4	20	699	682	1088.59	10495
	Feb 2011	800	135	28	679	12.2	18	679	695	1090.90	10692
	Mar 2011	805	101	32	1006	16.4	24	1006	685	1089.18	10545
	Apr 2011	716	71	39	1119	18.8	20	1119	662	1084.85	10178
	May 2011	710	73	44	997	16.2	31	997	644	1081.59	9907
	Jun 2011	738	28	53	875	14.7	26	875	632	1079.45	9731
	Jul 2011	838	61	65	907	14.8	28	907	626	1078.28	9635
	Aug 2011	875	106	69	801	13.0	31	801	631	1079.18	9709
	Sep 2011	476	71	57	666	11.2	22	666	619	1076.90	9523
	WY 2011	9000	946	540	9744		268	9744			
	Oct 2011	492	55	41	464	7.6	26	464	620	1077.06	9536
	Nov 2011	800	54	42	592	10.0	25	592	632	1079.30	9719
	Dec 2011	950	57	36	564	9.2	21	564	655	1083.69	10081
	Jan 2012	950	135	30	684	11.1	20	684	677	1087.61	10411
	Feb 2012	900	138	28	668	11.6	21	668	696	1091.13	10712
	Mar 2012	900	101	32	1004	16.3	28	1004	692	1090.44	10653
	Apr 2012	950	71	39	1138	19.1	22	1138	682	1088.47	10485
	May 2012	1125	73	45	985	16.0	32	985	690	1089.97	10613
	Jun 2012	1175	28	55	841	14.1	29	841	707	1092.99	10873
	Jul 2012	1250	61	70	888	14.4	31	888	726	1096.45	11175
	Aug 2012	1207	106	76	811	13.2	32	811	750	1100.60	11545
	Sep 2012	714	71	63	681	11.4	27	681	751	1100.74	11557
	WY 2012	11413	949	558	9321		316	9321			

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Davis Dam - Lake Mohave

	Hoover Release 1000 Ac-Ft	Side inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Spill Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
* Oct 2009	613	-8	14	623	0	623	10.1	634.34	1469
H Nov 2009	648	-15	10	590	0	590	9.9	635.61	1502
I Dec 2009	646	-24	9	532	0	532	8.7	638.68	1582
S Jan 2010	634	-15	10	456	0	456	7.4	644.34	1736
T Feb 2010	400	-4	10	442	0	442	8.0	642.31	1680
O Mar 2010	889	-18	13	862	0	862	14.0	642.17	1676
R Apr 2010	933	-17	17	878	0	878	14.8	642.94	1697
I May 2010	961	-19	22	937	0	937	15.2	642.30	1680
C Jun 2010	1007	-23	25	912	0	912	15.3	643.98	1726
A Jul 2010	941	-14	26	913	0	913	14.8	643.57	1714
L Aug 2010	829	-12	23	838	0	838	13.6	641.95	1670
* Sep 2010	758	-2	18	833	0	833	14.0	638.40	1575
WY 2010	9260	-172	197	8816	0	8816			
Oct 2010	628	5	15	759	0	759	12.3	633.00	1434
Nov 2010	739	-9	10	656	0	656	11.0	635.50	1499
Dec 2010	628	-12	9	522	0	522	8.5	638.71	1583
Jan 2011	699	-13	10	593	0	593	9.6	641.80	1666
Feb 2011	679	-5	10	664	0	664	12.0	641.80	1666
Mar 2011	1006	-14	13	945	0	945	15.4	643.05	1700
Apr 2011	1119	-15	17	1089	0	1089	18.3	643.00	1699
May 2011	997	-10	22	965	0	965	15.7	643.00	1699
Jun 2011	875	-2	25	875	0	875	14.7	642.00	1671
Jul 2011	907	3	25	899	0	899	14.6	641.50	1658
Aug 2011	801	-3	23	776	0	776	12.6	641.50	1658
Sep 2011	666	1	18	743	0	743	12.5	638.00	1564
WY 2011	9744	-73	197	9485	0	9485			
Oct 2011	464	5	15	585	0	585	9.5	633.00	1434
Nov 2011	592	-9	10	522	0	522	8.8	635.00	1486
Dec 2011	564	-12	9	445	0	445	7.2	638.71	1583
Jan 2012	684	-13	10	577	0	577	9.4	641.80	1666
Feb 2012	668	-5	10	653	0	653	11.4	641.80	1666
Mar 2012	1004	-14	13	943	0	943	15.3	643.05	1700
Apr 2012	1138	-15	17	1108	0	1108	18.6	643.00	1699
May 2012	985	-10	22	953	0	953	15.5	643.00	1699
Jun 2012	841	-2	25	841	0	841	14.1	642.00	1671
Jul 2012	888	3	25	880	0	880	14.3	641.50	1658
Aug 2012	811	-3	23	785	0	785	12.8	641.50	1658
Sep 2012	681	1	18	758	0	758	12.7	638.00	1564
WY 2012	9321	-74	197	9051	0	9051			

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Parker Dam - Lake Havasu

	Davis Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	MWD Diversion 1000 Ac-Ft	CAP diversion 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft	Flow_to Mexico 1000 Ac-Ft	Flow_to Mexico 1000 CFS
* Oct 2009	623	17	12	446	7.2	26	133	448.03	581	77	1.2
H Nov 2009	590	32	9	365	6.1	107	144	447.61	573	103	1.7
I Dec 2009	532	28	7	301	4.9	104	149	447.34	568	135	2.2
S Jan 2010	456	41	6	233	3.8	99	126	448.89	597	174	2.8
T Feb 2010	442	10	8	331	6.0	66	91	446.29	548	141	2.5
O Mar 2010	862	55	9	668	10.9	90	128	447.15	564	233	3.8
R Apr 2010	878	34	11	670	11.3	43	153	448.61	592	210	3.5
I May 2010	937	24	13	662	10.8	102	172	448.83	596	114	1.9
C Jun 2010	912	23	16	650	10.9	91	171	448.64	592	113	1.9
A Jul 2010	913	17	17	743	12.1	107	50	448.61	592	126	2.1
L Aug 2010	838	21	17	646	10.5	108	84	448.20	584	101	1.6
* Sep 2010	833	18	15	583	9.8	98	171	446.95	560	93	1.6
WY 2010	8816	319	140	6300		1043	1572			1618	
Oct 2010	759	20	12	475	7.7	99	184	447.00	561	76	1.2
Nov 2010	656	22	9	380	6.4	96	178	447.50	571	109	1.8
Dec 2010	522	20	7	289	4.7	99	162	446.50	552	118	1.9
Jan 2011	593	34	6	366	6.0	87	164	446.50	552	122	2.0
Feb 2011	664	40	8	455	8.2	80	155	446.50	552	153	2.8
Mar 2011	945	45	9	711	11.6	87	172	446.70	555	208	3.4
Apr 2011	1089	15	11	796	13.4	85	164	448.70	593	200	3.4
May 2011	965	11	13	707	11.5	87	157	448.70	593	111	1.8
Jun 2011	875	7	16	678	11.4	85	89	448.70	593	112	1.9
Jul 2011	899	14	17	737	12.0	87	72	448.00	580	118	1.9
Aug 2011	776	20	17	622	10.1	87	67	447.50	571	92	1.5
Sep 2011	743	13	15	529	8.9	69	146	446.81	557	89	1.5
WY 2011	9485	260	139	6745		1048	1712			1509	
Oct 2011	585	20	12	441	7.2	40	112	446.31	548	72	1.2
Nov 2011	522	22	8	375	6.3	40	110	446.50	552	105	1.8
Dec 2011	445	20	6	290	4.7	40	124	446.50	552	118	1.9
Jan 2012	577	34	6	349	5.7	87	165	446.50	552	122	2.0
Feb 2012	653	41	8	446	7.8	78	156	446.50	552	153	2.7
Mar 2012	943	45	9	705	11.5	87	174	446.70	555	208	3.4
Apr 2012	1108	15	11	814	13.7	84	166	448.70	593	200	3.4
May 2012	953	11	13	694	11.3	87	159	448.70	593	111	1.8
Jun 2012	841	7	16	643	10.8	84	90	448.70	593	112	1.9
Jul 2012	880	14	17	716	11.7	87	72	448.00	580	118	1.9
Aug 2012	785	20	17	630	10.2	87	68	447.50	571	92	1.5
Sep 2012	758	13	15	550	9.2	63	148	446.81	557	89	1.5
WY 2012	9051	261	139	6655		863	1545			1500	

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T E M R E S E R V O I R S

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Hoover Dam - Lake Mead

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Hoover Static Head Feet	Hoover Generator Capacity MW	Hoover Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Oct 2009	613	10.0	1093.26	10897	-37	450.76	1158.0	235.5	70	384.4
H	Nov 2009	648	10.9	1093.52	10919	23	451.32	1358.0	251.9	82	388.7
I	Dec 2009	646	10.5	1096.30	11162	243	451.68	1037.0	248.8	63	385.3
S	Jan 2010	634	10.3	1100.02	11493	330	452.24	1050.0	248.9	63	392.4
T	Feb 2010	400	7.2	1103.21	11780	288	456.23	1044.0	152.7	63	381.5
O	Mar 2010	889	14.5	1100.66	11550	-230	452.57	1272.0	353.9	75	398.0
R	Apr 2010	933	15.7	1098.00	11313	-237	451.78	1392.0	370.4	82	397.0
I	May 2010	961	15.6	1094.30	10987	-326	449.26	1371.0	378.0	82	393.4
C	Jun 2010	1007	16.9	1089.30	10556	-431	442.32	1556.0	390.5	94	387.7
A	Jul 2010	941	15.3	1086.97	10357	-198	441.50	1640.0	360.3	100	382.9
L	Aug 2010	829	13.5	1086.91	10352	-5	443.45	1617.0	313.3	100	378.0
*	Sep 2010	758	12.7	1083.81	10092	-261	439.46	1617.0	285.1	100	375.9
	WY 2010	9260							3589.4		
	Oct 2010	628	10.2	1082.14	9953	-139	436.99	1104.0	246.8	68	393.2
	Nov 2010	739	12.4	1083.02	10026	73	436.84	1289.0	291.9	81	394.8
	Dec 2010	628	10.2	1085.81	10260	234	436.12	1404.0	244.3	87	389.2
	Jan 2011	699	11.4	1088.59	10495	235	438.76	1131.0	275.8	69	394.4
	Feb 2011	679	12.2	1090.90	10692	197	438.30	1445.0	267.4	88	394.0
	Mar 2011	1006	16.4	1089.18	10545	-146	438.19	1442.0	395.7	88	393.4
	Apr 2011	1119	18.8	1084.85	10178	-367	434.41	1497.0	444.1	91	397.0
	May 2011	997	16.2	1081.59	9907	-271	429.71	1649.0	381.4	100	382.5
	Jun 2011	875	14.7	1079.45	9731	-177	427.36	1661.0	335.0	100	382.7
	Jul 2011	907	14.8	1078.28	9635	-96	426.21	1677.0	346.5	100	381.9
	Aug 2011	801	13.0	1079.18	9709	74	426.24	1696.0	308.5	100	384.9
	Sep 2011	666	11.2	1076.90	9523	-186	426.69	1697.0	251.9	100	378.2
	WY 2011	9744							3789.3		
	Oct 2011	464	7.6	1077.06	9536	14	429.03	1508.0	177.1	88	381.3
	Nov 2011	592	10.0	1079.30	9719	183	434.45	1099.0	231.4	64	390.8
	Dec 2011	564	9.2	1083.69	10081	363	433.93	1421.0	215.8	82	382.7
	Jan 2012	684	11.1	1087.61	10411	330	436.51	1321.0	266.4	76	389.8
	Feb 2012	668	11.6	1091.13	10712	301	438.45	1442.0	262.2	83	392.4
	Mar 2012	1004	16.3	1090.44	10653	-59	438.93	1526.9	395.3	88	393.9
	Apr 2012	1138	19.1	1088.47	10485	-168	436.83	1589.0	455.5	91	400.1
	May 2012	985	16.0	1089.97	10613	128	435.66	1744.0	381.2	100	387.0
	Jun 2012	841	14.1	1092.99	10873	260	438.23	1744.0	335.5	100	398.9
	Jul 2012	888	14.4	1096.45	11175	302	441.93	1744.0	358.0	100	403.0
	Aug 2012	811	13.2	1100.60	11545	370	445.87	1744.0	326.1	100	402.2
	Sep 2012	681	11.4	1100.74	11557	13	449.14	1744.0	270.8	100	397.6
	WY 2012	9321							3675.4		

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Davis Dam - Lake Mohave

	Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Davis Static Head Feet	Davis Generator Capacity MW	Davis Gross Energy MKWH	Percent Of Units Available	KWH/AF
* Oct 2009	623	10.1	634.34	1469	-33	134.58	216.8	74.2	85	119.1
H Nov 2009	590	9.9	635.61	1502	33	136.02	186.2	70.9	73	120.3
I Dec 2009	532	8.7	638.68	1582	81	139.08	188.7	65.9	74	123.8
S Jan 2010	456	7.4	644.34	1736	153	144.98	204.0	57.9	80	127.1
T Feb 2010	442	8.0	642.31	1680	-56	138.83	216.8	56.9	85	128.6
O Mar 2010	862	14.0	642.17	1676	-4	138.67	249.9	109.8	98	127.5
R Apr 2010	878	14.8	642.94	1697	21	141.04	255.0	111.0	100	126.4
I May 2010	937	15.2	642.30	1680	-17	140.64	255.0	118.5	100	126.4
C Jun 2010	912	15.3	643.98	1726	46	140.66	255.0	115.5	100	126.6
A Jul 2010	913	14.8	643.57	1714	-11	141.98	242.2	115.3	95	126.4
L Aug 2010	838	13.6	641.95	1670	-44	140.67	255.0	105.9	100	126.4
* Sep 2010	833	14.0	638.40	1575	-95	137.24	255.0	102.6	100	123.1
WY 2010	8816							1104.5		
Oct 2010	759	12.3	633.00	1434	-140	129.69	209.1	90.7	82	119.6
Nov 2010	656	11.0	635.50	1499	64	130.07	153.0	77.9	60	118.7
Dec 2010	522	8.5	638.71	1583	84	132.77	160.7	63.8	63	122.3
Jan 2011	593	9.6	641.80	1666	83	136.31	153.0	73.9	60	124.6
Feb 2011	664	12.0	641.80	1666	0	137.77	155.5	83.2	61	125.2
Mar 2011	945	15.4	643.05	1700	34	136.79	206.6	117.8	81	124.6
Apr 2011	1089	18.3	643.00	1699	-2	137.46	204.0	135.3	80	124.3
May 2011	965	15.7	643.00	1699	0	136.04	255.0	120.7	100	125.1
Jun 2011	875	14.7	642.00	1671	-27	135.51	255.0	109.3	100	124.9
Jul 2011	899	14.6	641.50	1658	-14	134.73	255.0	111.7	100	124.3
Aug 2011	776	12.6	641.50	1658	0	134.46	255.0	96.7	100	124.7
Sep 2011	743	12.5	638.00	1564	-94	132.62	255.0	91.5	100	123.2
WY 2011	9485							1172.5		
Oct 2011	585	9.5	633.00	1434	-130	128.65	237.2	70.4	93	120.4
Nov 2011	522	8.8	635.00	1486	51	127.14	234.6	62.3	92	119.3
Dec 2011	445	7.2	638.71	1583	97	130.00	239.7	54.6	94	122.5
Jan 2012	577	9.4	641.80	1666	83	134.16	219.3	72.0	86	124.7
Feb 2012	653	11.4	641.80	1666	0	135.05	244.8	81.9	96	125.4
Mar 2012	943	15.3	643.05	1700	34	135.44	255.0	117.5	100	124.7
Apr 2012	1108	18.6	643.00	1699	-2	136.07	255.0	137.7	100	124.2
May 2012	953	15.5	643.00	1699	0	136.04	255.0	119.3	100	125.1
Jun 2012	841	14.1	642.00	1671	-27	135.51	255.0	105.2	100	125.1
Jul 2012	880	14.3	641.50	1658	-14	134.73	255.0	109.4	100	124.4
Aug 2012	785	12.8	641.50	1658	0	134.46	255.0	97.9	100	124.7
Sep 2012	758	12.7	638.00	1564	-94	132.62	255.0	93.3	100	123.1
WY 2012	9051							1121.4		

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Parker Dam - Lake Havasu

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Parker Static Head Feet	Parker Generator Capacity MW	Parker Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Oct 2009	446	7.2	448.03	581	16	80.62	90.0	30.5	75	68.5
H	Nov 2009	365	6.1	447.61	573	-8	81.65	66.0	25.9	55	71.0
I	Dec 2009	299	4.9	447.34	568	-5	81.50	76.8	20.2	64	67.4
S	Jan 2010	233	3.8	448.89	597	29	82.98	66.0	15.6	55	66.8
T	Feb 2010	331	6.0	446.29	548	-49	78.17	90.0	22.8	75	68.8
O	Mar 2010	668	10.9	447.15	564	16	81.28	90.0	45.4	75	67.9
R	Apr 2010	670	11.3	448.61	592	28	81.42	90.0	46.8	75	69.8
I	May 2010	662	10.8	448.83	596	4	81.45	115.2	46.0	96	69.6
C	Jun 2010	650	10.9	448.64	592	-4	80.58	120.0	46.4	100	71.3
A	Jul 2010	743	12.1	448.61	592	-1	82.51	120.0	50.9	100	68.4
L	Aug 2010	646	10.5	448.20	584	-8	81.98	120.0	44.7	100	69.2
*	Sep 2010	583	9.8	446.95	560	-24	80.89	103.2	41.6	86	71.4
	WY 2010	6298							436.8		
	Oct 2010	475	7.7	447.00	561	1	75.35	98.4	31.0	82	65.2
	Nov 2010	380	6.4	447.50	571	9	75.44	102.0	24.6	85	64.6
	Dec 2010	289	4.7	446.50	552	-19	75.20	102.0	18.3	85	63.2
	Jan 2011	366	6.0	446.50	552	0	74.71	102.0	23.4	85	63.9
	Feb 2011	455	8.2	446.50	552	0	73.92	120.0	29.2	100	64.2
	Mar 2011	711	11.6	446.70	555	4	74.01	120.0	46.2	100	64.9
	Apr 2011	796	13.4	448.70	593	38	75.08	120.0	52.5	100	66.0
	May 2011	707	11.5	448.70	593	0	76.05	120.0	47.0	100	66.5
	Jun 2011	678	11.4	448.70	593	0	76.05	120.0	45.1	100	66.5
	Jul 2011	737	12.0	448.00	580	-13	75.71	120.0	48.9	100	66.3
	Aug 2011	622	10.1	447.50	571	-10	75.13	120.0	40.7	100	65.5
	Sep 2011	529	8.9	446.81	557	-13	74.55	120.0	34.3	100	64.8
	WY 2011	6745							441.2		
	Oct 2011	441	7.2	446.31	548	-9	74.77	102.0	28.5	85	64.6
	Nov 2011	375	6.3	446.50	552	3	74.62	102.0	24.0	85	64.1
	Dec 2011	290	4.7	446.50	552	0	74.71	102.0	18.3	85	63.0
	Jan 2012	349	5.7	446.50	552	0	74.71	102.0	22.3	85	63.7
	Feb 2012	446	7.8	446.50	552	0	73.92	120.0	28.6	100	64.0
	Mar 2012	705	11.5	446.70	555	4	74.01	120.0	45.8	100	64.9
	Apr 2012	814	13.7	448.70	593	38	75.08	120.0	53.8	100	66.1
	May 2012	694	11.3	448.70	593	0	76.05	120.0	46.1	100	66.5
	Jun 2012	643	10.8	448.70	593	0	76.05	120.0	42.7	100	66.4
	Jul 2012	716	11.7	448.00	580	-13	75.71	120.0	47.5	100	66.3
	Aug 2012	630	10.2	447.50	571	-10	75.13	120.0	41.3	100	65.6
	Sep 2012	550	9.2	446.81	557	-13	74.55	120.0	35.7	100	64.9
	WY 2012	6655							434.5		

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T Y M R E S E R V O I R S

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Upper Basin Power

		Glen Canyon 1000 MWHR	Flam Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Res 1000 MWHR	Font Res 1000 MWHR
*	Oct 2009	285	44	24	28	14	4
H	Nov 2009	309	42	8	9	4	0
I	Dec 2009	403	42	13	17	9	0
S	Jan 2010	401	43	12	16	8	3
T	Feb 2010	279	34	11	14	4	3
O	Mar 2010	269	23	9	11	6	3
	Winter 2010	1945	228	77	95	46	13
R	Apr 2010	265	19	13	19	13	3
I	May 2010	267	39	31	45	21	3
C	Jun 2010	272	54	15	22	18	4
A	Jul 2010	368	38	30	34	20	8
L	Aug 2010	366	40	27	33	19	6
*	Sep 2010	217	42	25	32	19	2
	Summer 2010	1755	231	142	186	109	25
	Oct 2010	208	27	19	22	11	5
	Nov 2010	345	22	8	10	6	5
	Dec 2010	361	22	9	12	6	5
	Jan 2011	358	22	10	12	6	4
	Feb 2011	329	20	9	11	6	4
	Mar 2011	329	18	10	14	7	4
	Winter 2011	1930	132	64	82	42	26
	Apr 2011	292	17	13	19	11	5
	May 2011	291	38	27	40	23	6
	Jun 2011	308	69	19	29	19	8
	Jul 2011	355	30	34	41	21	9
	Aug 2011	369	30	38	45	22	8
	Sep 2011	200	29	34	41	21	3
	Summer 2011	1815	213	165	215	119	39
	Oct 2011	207	30	17	22	12	6
	Nov 2011	336	29	8	11	6	6
	Dec 2011	397	30	25	31	16	6
	Jan 2012	394	30	23	29	15	5
	Feb 2012	370	28	16	21	11	5
	Mar 2012	368	30	12	17	9	5
	Winter 2012	2073	178	103	132	69	33
	Apr 2012	386	29	14	21	12	5
	May 2012	460	39	32	49	23	6
	Jun 2012	489	78	18	29	21	9
	Jul 2012	525	50	32	40	22	10
	Aug 2012	504	50	38	45	23	8
	Sep 2012	297	48	35	42	21	6
	Summer 2012	2660	294	170	226	122	45

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model_run_id = 2075

F L O O D C O N T R O L C R I T E R I A
B E G I N N I N G O F M O N T H C O N D I T I O N S

MON	YEAR	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	LAKE POWELL KAF	UPPER BASIN TOTAL KAF	LAKE MEAD KAF	TOTAL KAF	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	TOT OR MAX ALLOW KAF	LAKE POWELL KAF	LAKE MEAD KAF	TOTAL KAF	BOM SPACE REQD KAF	MEAD SCHED REL KAF	MEAD FC REL KAF	SYS CONT MAF
		* * * * PREDICTED SPACE * * * *										* * * * CREDITABLE SPACE * * * *							
OCT	2010	661	220	284	9055	10220	17285	27505	661	220	284	1165	9055	17285	27505	3040	628	0	32.7
NOV	2010	705	254	293	9121	10374	17424	27798	705	254	293	1252	9121	17424	27798	3810	739	0	32.4
DEC	2010	731	253	296	9525	10804	17351	28155	731	253	296	1279	9525	17351	28155	4580	628	0	32.2
JAN	2011	761	259	307	9964	11291	17117	28408	761	259	307	1327	9964	17117	28408	5350	699	0	32.0
												* * * * EFFECTIVE SPACE * * * *							
JAN	2011	761	259	307	9964	11291	17117	28408	253	236	278	766	9964	17117	27847	5350	699	0	32.0
FEB	2011	794	268	320	10423	11805	16882	28687	283	248	289	820	10423	16882	28125	1500	679	0	31.8
MAR	2011	821	277	322	10838	12258	16685	28943	308	259	291	858	10838	16685	28381	1500	1006	0	31.4
APR	2011	812	281	285	11132	12512	16832	29343	295	266	248	809	11132	16832	28773	1500	1119	0	31.2
MAY	2011	766	255	218	11178	12418	17199	29616	242	240	162	643	11178	17199	29020	1500	997	0	32.0
JUN	2011	716	171	142	10352	11381	17470	28850	182	145	52	379	10352	17470	28200	1500	875	0	33.3
JUL	2011	621	27	160	9036	9844	17646	27490	77	-19	22	80	9036	17646	26762	1500	907	0	33.3
												* * * * CREDITABLE SPACE * * * *							
AUG	2011	561	42	189	8912	9704	17742	27446	561	42	189	792	8912	17742	27446	1500	801	0	33.0
SEP	2011	586	105	228	9186	10105	17668	27773	586	105	228	919	9186	17668	27773	2270	666	0	32.6
OCT	2011	625	174	242	9143	10184	17854	28038	625	174	242	1041	9143	17854	28038	3040	464	0	32.4
NOV	2011	657	193	237	9117	10205	17841	28045	657	193	237	1087	9117	17841	28045	3810	592	0	32.4
DEC	2011	691	189	238	9387	10505	17658	28163	691	189	238	1118	9387	17658	28163	4580	564	0	32.3
JAN	2012	740	248	247	9805	11040	17296	28336	740	248	247	1235	9805	17296	28336	5350	684	0	32.2
												* * * * EFFECTIVE SPACE * * * *							
JAN	2012	740	248	247	9805	11040	17296	28336	437	248	149	834	9805	17296	27935	5350	684	0	32.2
FEB	2012	784	302	259	10240	11584	16966	28550	479	302	160	941	10240	16966	28146	1500	668	0	32.0
MAR	2012	819	333	259	10655	12067	16665	28732	511	333	160	1004	10655	16665	28324	1500	1004	0	31.7
APR	2012	803	341	244	10954	12341	16724	29066	490	341	139	969	10954	16724	28647	1500	1138	0	31.5
MAY	2012	748	317	176	11133	12375	16892	29267	428	317	52	797	11133	16892	28823	1500	985	0	32.6
JUN	2012	602	229	188	10459	11478	16764	28242	270	229	31	529	10459	16764	27752	1500	841	0	34.2
JUL	2012	431	45	247	9323	10046	16504	26550	83	18	42	143	9323	16504	25969	1500	888	0	34.5
												* * * * CREDITABLE SPACE * * * *							
AUG	2012	365	27	257	9369	10018	16202	26220	365	27	257	649	9369	16202	26220	1500	811	0	34.3
SEP	2012	417	77	282	9889	10665	15832	26497	417	77	282	776	9889	15832	26497	2270	681	0	33.9

November 24-Month Study
Date: November 9, 2010

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

Reservoir	October Inflow (unregulated) (acre-feet)	Percent of Average (%)	November 7 Midnight Elevation (feet)	Reservoir Storage (acre-feet)
Fontenelle	31,000	60	6492.76	247,000
Flaming Gorge	32,000	49	6024.11	3,127,000
Blue Mesa	29,000	80	7486.38	554,000
Navajo	25,000	57	6063.25	1,390,000
Powell	362,000	66	3633.29	15,225,000

Expected Operations

The operation of Lake Powell and Lake Mead in this November 2010 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines), and reflects the 2010 Annual Operating Plan (AOP) and draft 2011 AOP. Pursuant to the Interim Guidelines, the August 2010 24-Month Study projections of the January 1, 2011 system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2011.

The Lake Powell operational tier for water year 2011 is the Upper Elevation Balancing Tier. The Intentionally Created Surplus (ICS) Surplus condition is the criterion governing the operation of Lake Mead for calendar years 2010 and 2011.

Consistent with Section 6.B.4 of the Interim Guidelines, if the April 24-Month study projects the September 30 Lake Mead elevation to be below 1,075 feet and the September 30, Lake Powell elevation to be at or above 3,575 feet, the Secretary shall balance the contents of Mead and Powell but release not more than 9.0 maf. Consistent with this provision, the November 24-Month Study projects such an adjustment to occur in April, resulting in a water year release from Lake Powell of 9.0 maf.

Based on analysis of a range of inflow scenarios, the current probability of realizing an inflow volume that would trigger Equalization in 2011 is approximately 48 percent.

The Interim Guidelines are available for download at
http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The 2010 AOP is available for download at
http://www.usbr.gov/lc/region/g4000/AOP2010/AOP10.pdf.
The draft 2011 AOP is available for download at
http://www.usbr.gov/uc/water/rsvrs/ops/aop/AOP11_draft.pdf.

Fontenelle Reservoir – Inflows for the month of October were 31,000 acre-feet, or 60% of average. The reservoir elevation is 6493.1 feet above sea level and 72% of capacity. Current inflows are approximately 600cfs and reservoir releases are 900 cfs. Releases will likely be close to 900 cfs for the fall and winter months. The reservoir elevation will continue to decline through the fall and winter.

The Colorado Basin River Forecast Center forecast for water year 2011 (October 2010 to September 2011) shows inflows are expected to be 72% of average. Note that at this time of the year, there is considerable uncertainty in the water year forecast. Inflows over the next three months are forecasted to be below average: 32,000 acre-ft (72%), 27,000 acre-ft (81%) and 24,000 acre-ft (77%), for November, December, and January, respectively.

The next Fontenelle Working Group meeting is scheduled for April 21, 2011 at 10:00 am at the Seedskadee National Wildlife Refuge Visitor Center. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir.

Flaming Gorge Reservoir – October observed unregulated inflow into Flaming Gorge reservoir was 31,000 acre-feet (AF), or 31 percent of average inflow. The October end of month elevation was 6024.2 feet, which equates to 3.13 million acre-feet or 84 percent of live storage capacity. Releases out of Flaming Gorge are a winter daily average release of 1,050 cfs according to a double peak release regime. It is anticipated that they will remain at this level until the end of February, when releases will be reduced to steady 800 cfs flows from the beginning of March until spring runoff occurs sometime in mid- to late-May 2011.

Yampa River flows during the base flow period impact the hourly release schedule from Flaming Gorge because flows must remain within 0.1 meter stage change at Jensen, Utah. As Yampa River flows decrease, the Flaming Gorge release schedule will change. The hourly release schedule will be communicated as it changes throughout the base flow period.

The next Flaming Gorge Working Group meeting is scheduled for April 26, 2011 at 7:00 p.m. in a location to be determined. The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stake holders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations and plans presented by Reclamation at these meetings. For more information on this group and these meetings please contact Ed Vidmar at 801-379-1182.

Aspinall Unit Reservoirs – October unregulated inflow into Blue Mesa Reservoir was 29,000 acre-feet or 80 percent of average. Precipitation during October was observed to be about 145 percent of average. The current inflow rate into Blue Mesa Reservoir is about 550 cfs while reservoir releases are averaging about 400 cfs. Blue Mesa's present elevation is 7486.38 feet, which corresponds to a storage content of about 554,000 acre-feet. The unregulated reservoir inflow into Blue Mesa Reservoir during water year 2010 was 725,000 acre-feet, or about 77 percent of average.

Releases from Crystal are currently set at 500 cfs. The Gunnison Diversion Tunnel was shut down for the season on November 1st, with exception of some small 50 to 80 cfs diversions taken bi-weekly for municipal water needs in Montrose, Colorado. River flows below the tunnel are essentially the same as releases from the Dam, with the exception of when the tunnel is taking water to refill Fairfield Reservoir for Montrose municipal water needs.

On November 5, 2010, the National Weather Service's River Forecasting Center issued its forecasted inflow into Blue Mesa for the next 3 months. The unregulated inflow forecast for November, December, and January is for 71,000 acre-feet, which is 89% of average for these months.

The next meeting of the "Aspinall Unit Working Group" will be held on Thursday January 20th in the Montrose, Colorado, starting at 1:00 PM. At this meeting, review of last summer and fall reservoir operations, and plans for this winter and next spring 2011 operations will be discussed. These meetings are open forum discussions on the Aspinall Unit reservoir operations with many interested groups participating. Anyone needing further information about these meetings should contact Dan Crabtree in the Grand Junction Area Office at (970) 248-0652.

Navajo Reservoir - As a result of forecasted cooler, wetter conditions in the San Juan River Basin, Reclamation decreased the release from Navajo Reservoir to 500 cfs on October 19, 2010. Reservoir releases are made for the authorized purposes of the Navajo Unit, and to attempt to maintain a target base flow through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell).

The San Juan River Basin Recovery Implementation Program recommends a target base flow of between 500 cfs and 1,000 cfs through the critical habitat area. The target base flow is calculated as the weekly average of gaged flows throughout the critical habitat area, therefore daily flows of less than 500 cfs may occur at some gages.

Pending significant changes in the weather and stream flow conditions, the reservoir release will likely remain at 500 cfs until next spring (2010).

Precipitation for the month of October in the San Juan River basin was about 100 percent of average. Unregulated inflow into Navajo Reservoir during the month of October was 25,000 acre-feet, or 57 percent of average. Currently, the daily reservoir inflow is averaging about 500 cfs. Diversions for NIIP have currently been shut down for the winter. The reservoir water surface elevation is at 6063.25 feet, which corresponds to a storage content of about 1,390,000 acre-feet.

The unregulated reservoir inflow into Navajo Reservoir during water year 2010 was recorded at 766,000 acre-feet, or about 76 percent of average. The reservoir had a seasonal peak elevation of 6075.53 feet on June 15, 2010. There was no spring peak release provided this runoff season because of low spring inflows.

The next public meeting on Navajo Reservoir operations will be held on Tuesday, January 25, 2011 at 1:00 p.m. in Farmington, New Mexico. At this meeting, review of last summer and fall reservoir operations, and plans for this winter and spring 2011 operations will be discussed. These are open forum discussions on the operation of Navajo Reservoir with many interested groups participating. Anyone interested in the general operation of the reservoir is encouraged to attend. Please contact Pat Page in Reclamation's Durango, Colorado Office at (970) 385-6560 for information about these meetings or the daily operation of Navajo Reservoir.

Glen Canyon Dam / Lake Powell –During October 2010 the unregulated inflow volume to Lake Powell was 362 kaf (66% of average). This volume was slightly less than the volume forecasted for October which was 375 kaf (69% of average). However, due to significant local precipitation in the region around Lake Powell, the elevation of Lake Powell at the end of October was 3634.08 feet above sea level which was 1.0 foot above the October 24-Month Study projected elevation for the end of October. This end of October elevation corresponds to a live storage of approximately 15.31 maf and 63.0% of the full capacity of 24.32 maf.

On November 1, 2010, the releases from Glen Canyon Dam will resume normal fluctuations for power generations each day. During September and October 2010, the releases were steady with no fluctuations for power generation as part of a 5 year study of steady flows pursuant to the February 2008 Finding of No Significant Impact 'Experimental Releases from Glen Canyon Dam, Arizona 2008 through 2012'. This was the third year of steady flows of the 5 year study. The steady release rate for this year was 8,000 cfs. The volume released during September was 480 kaf and the volume released in October will be approximately 495 kaf.

The release volume scheduled for November is 810 kaf which is equivelent to an average daily release rate of approximately 13,600 cfs. Daily fluctuations will likely peak near 16,000 cfs during the morning and afternoon and evening hours. Daily low releases will

occur during the early morning hours (i.e. midnight to about 6:00 am) and will be about 8,000 cfs. The projected release volume for December is currently 865 kaf which is equivalent to an average daily release rate of approximately 14,050 cfs. The daily peak and low release rate in December will likely also range from 16,000 cfs to 8,000 cfs respectively.

In addition to the daily fluctuation pattern for power generation, the instantaneous releases from Glen Canyon Dam may also fluctuate somewhat to provide approximately 40 megawatts of system regulation. These instantaneous releases adjustments maintain stable conditions within the electrical generation and transmission system and result in momentary release fluctuations within a range that is about 1100 cfs above or below the targeted release rate for a given hour of the day. These momentary fluctuations for regulation are very short lived and typically balance out over the hour. Spinning and non-spinning reserve generation is also maintained at Glen Canyon Dam. When an unanticipated electrical outage event occur within the electrical transmission system, this reserve generation at Glen Canyon Dam can be called upon up to a limit of 98 megawatts (approximately 2,600 cfs of release) for a duration of up to 2 hours. Under normal circumstances, calls for reserve generation occur fairly infrequently and are for much less than the limit of 98 megawatts.

In August of 2010, the August 2010 24-Month Study Model was used to project the January 1, 2010 elevation of Lake Powell and Lake Mead under the most probable inflow scenario. Pursuant to the Interim Guidelines and based on this August projection, the operational tier for water year 2011 was selected to be the Upper Elevation Balancing Tier. Under the Upper Elevation Balancing Tier, there is a possibility that the annual release volume from Lake Powell could be 8.23 maf. There is also a possibility under this tier that Equalization or Balancing could occur in 2011 which would result in an annual release volume greater than 8.23 maf.

The possibility of Equalization or Balancing in 2011 is dependent on the end of water year 2011 reservoir conditions projected in the April 2011 24-Month Study under the most probable inflow scenario and with 8.23 maf projected for release from Lake Powell during water year 2011. For this reason it will not be known for certain whether Equalization or Balancing will occur in water year 2011 until April 2011. 24-Month Studies prior to April 2011 can project that Equalization or Balancing are likely to occur, but these projections are subject to change with changes in the forecasted hydrology of the Colorado River Basin. It is possible that a relatively small change in forecasted hydrology can have a large impact on the projected annual release volume.

The November 2010 24-Month Study with the most probable inflow and an 8.23 maf release does project that Balancing is likely to occur in 2011. For this reason, the projected most probable annual release volume for water year 2011 in the November 24-Month Study is 9.00 maf. Given the current range of uncertainty of the forecasted hydrology for water year 2011, it is possible that Equalization could occur in water year 2011 which would result if the annual release being greater than about 10.7 maf. Analysis of the probable range of inflows that could occur during water year 2011 indicate that the

probability of realizing the volume of inflow that would trigger Equalization in 2011 is currently about 48%.

The current unregulated inflow forecast for Lake Powell projects the most probable unregulated inflow volumes for the next 3 months as follows: November-425 kaf (78% of average; December-400 kaf (86% of average); January-350 kaf (86% of average). The outlook for water year 2011, incorporating this new forecast, projects the most probable unregulated inflow volume to Lake Powell during water year 2011 to be 9.64 maf (80% of average). It is possible that the unregulated volume of inflow to Lake Powell in water year 2011 will be greater than or less than the most probable projection. The probable range of unregulated inflow volumes to Lake Powell during water year 2011 is currently projected to be as dry as 4.5 maf (37% of average) to as wet as 15.8 maf (131% of average).

Upper Colorado River Basin Hydrology

In the Upper Colorado River Basin during water year 2010, the overall precipitation accumulated through September 30, 2009 was approximately 90% of average based on the 30 year average for the period from 1971 through 2000. For October 2010, the first month of water year 2011, precipitation in the Upper Colorado River Basin was 135% of average basin wide.

The Climate Prediction Center outlook (dated October 21, 2010) for temperature over the next 3 months indicates that temperatures in the Upper Colorado River Basin are expected to be above average while precipitation over the next 3 months is projected to be near average.

Upper Colorado River Basin Drought

The Upper Colorado River Basin continues to experience a protracted multi-year drought. Since 1999, inflow to Lake Powell has been below average in every year except water years 2005 and 2008. In the summer of 1999, Lake Powell was close to full with reservoir storage at 23.5 million acre-feet, or 97 percent of capacity. During the next 5 years (2000 through 2004) unregulated inflow to Lake Powell was well below average. This resulted in Lake Powell storage decreasing during this period to 8.0 million acre-feet (33 percent of capacity) which occurred on April 8, 2005. During 2005, 2008 and 2009, drought conditions eased somewhat with net gains in storage to Lake Powell. As of November 7, 2010 the storage in Lake Powell was 15.22 million acre-feet (62.6 % of capacity) which is still below desired levels while the overall reservoir storage in the Colorado River Basin as of November 7, 2010 is 32.68 million acre-feet (54.9 % of capacity).

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-280
125 SOUTH STATE STREET, ROOM 6107
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-5571

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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:		Obs			oct	Forecast		
:	jul	aug	sep	oct	%Avg	nov	dec	jan
GLDA3:Lake Powell	674	505	277	362	66%:	425/	375/	350/
GBRW4:Fontenelle	134	50	29	31	60%:	32/	27/	24/
GRNU1:Flaming Gorge	151	54	22	32	49%:	39/	34/	31/
BMDC2:Blue Mesa	50	56	23	29	80%:	27/	23/	21/
MPSC2:Morrow Point	51	56	23	30	77%:	29/	25/	23/
CLSC2:Crystal	55	61	26	34	72%:	33/	29/	26/
TPIC2:Taylor Park	9.7	9.6	6.3	6.6	104%:	4.8/	4/	3.6/
VCRC2:Vallecito	11.7	18.8	10.2	11.7	86%:	6.5/	5/	4.2/
NVRN5:Navajo	15.6	39	24	25	57%:	25/	22/	21/
LEMC2:Lemon	2.5	4.4	1.77	2.4	84%:	1.08/	0.75/	0.63/
MPHC2:McPhee	10.4	16.6	8.2	6.4	69%:	5/	4/	3.3/

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Fontenelle Reservoir

		Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Nov 2009	42	1	0	62	62	6491.61	239
H	Dec 2009	31	1	0	70	71	6485.42	198
I	Jan 2010	28	1	38	30	69	6478.10	157
S	Feb 2010	23	0	55	0	55	6471.41	125
T	Mar 2010	43	0	56	0	56	6468.40	112
O	Apr 2010	63	1	47	1	48	6471.88	127
R	May 2010	40	1	49	0	49	6469.44	117
I	Jun 2010	251	2	50	1	51	6502.04	314
C	Jul 2010	134	3	91	22	113	6504.39	333
A	Aug 2010	50	2	68	0	68	6501.76	312
L	Sep 2010	29	2	26	35	61	6497.33	279
	WY 2010	781	14	530	233	763		
*	Oct 2010	31	1	5	55	59	6493.24	250
	Nov 2010	32	1	54	0	54	6489.85	228
	Dec 2010	27	1	55	0	55	6485.46	199
	Jan 2011	24	1	55	0	55	6480.03	167
	Feb 2011	24	1	50	0	50	6474.74	140
	Mar 2011	41	0	55	0	55	6471.50	126
	Apr 2011	74	1	80	0	80	6469.89	119
	May 2011	131	1	97	1	98	6476.75	150
	Jun 2011	252	2	101	0	101	6500.00	299
	Jul 2011	147	3	101	4	105	6505.12	339
	Aug 2011	65	2	101	3	105	6499.73	297
	Sep 2011	47	2	37	27	65	6497.11	278
	WY 2011	895	15	792	90	882		
	Oct 2011	49	1	67	0	67	6494.41	258
	Nov 2011	41	1	65	0	65	6490.97	234
	Dec 2011	32	1	67	0	67	6485.53	199
	Jan 2012	30	1	67	0	67	6479.13	162
	Feb 2012	28	0	62	0	62	6471.86	127
	Mar 2012	52	0	67	0	67	6468.21	112
	Apr 2012	89	1	83	0	83	6469.53	117
	May 2012	176	1	86	0	86	6486.57	206
	Jun 2012	307	2	104	104	208	6500.45	302
	Jul 2012	185	3	101	44	144	6505.35	340
	Aug 2012	82	2	86	0	86	6504.58	334
	Sep 2012	48	2	65	0	65	6502.17	315
	WY 2012	1121	15	919	148	1068		
	Oct 2012	49	1	68	0	68	6499.51	295

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Flaming Gorge Reservoir

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Yampa Flow 1000 Ac-Ft	Jensen Flow 1000 Ac-Ft
*	Nov 2009	47	67	4	104	0	104	133	6028.67	3298	0	143
H	Dec 2009	19	59	2	107	1	108	131	6027.38	3249	0	504
I	Jan 2010	27	68	2	109	0	109	129	6026.29	3208	0	669
S	Feb 2010	29	61	2	87	0	87	128	6025.55	3181	0	111
T	Mar 2010	69	81	3	60	0	60	129	6026.01	3198	0	118
O	Apr 2010	96	81	5	49	0	49	130	6026.69	3223	206	240
R	May 2010	72	81	8	101	0	101	129	6025.97	3196	507	551
I	Jun 2010	387	187	10	138	0	138	130	6026.97	3234	619	745
C	Jul 2010	151	130	13	96	0	96	131	6027.51	3254	78	195
A	Aug 2010	54	72	12	100	0	100	129	6026.47	3215	24	138
L	Sep 2010	22	54	10	106	0	106	127	6024.83	3154	13	130
	WY 2010	1018	1000	79	1168	1	1169					3698
*	Oct 2010	32	60	7	77	0	77	126	6024.21	3131	28	113
	Nov 2010	39	61	3	62	0	62	126	6024.07	3126	0	62
	Dec 2010	34	62	2	65	0	65	126	6023.97	3122	0	65
	Jan 2011	31	62	2	65	0	65	125	6023.87	3119	0	65
	Feb 2011	31	57	2	58	0	58	125	6023.78	3115	0	58
	Mar 2011	63	77	3	50	0	50	126	6024.41	3139	0	50
	Apr 2011	101	107	5	48	0	48	128	6025.84	3191	0	48
	May 2011	163	130	8	103	0	103	129	6026.35	3210	0	103
	Jun 2011	293	142	10	188	0	188	127	6024.91	3157	0	188
	Jul 2011	160	118	13	81	0	81	128	6025.51	3179	0	81
	Aug 2011	72	112	12	81	0	81	129	6025.98	3196	0	81
	Sep 2011	53	71	11	79	0	79	128	6025.49	3178	0	79
	WY 2011	1072	1059	78	956	0	956					992
	Oct 2011	59	77	7	81	0	81	127	6025.20	3168	0	81
	Nov 2011	50	74	3	79	0	79	127	6024.98	3159	0	79
	Dec 2011	36	70	2	81	0	81	127	6024.66	3148	0	81
	Jan 2012	41	77	2	81	0	81	126	6024.52	3142	0	81
	Feb 2012	46	80	2	76	0	76	126	6024.58	3145	0	76
	Mar 2012	104	119	3	81	0	81	128	6025.48	3178	0	81
	Apr 2012	142	136	5	79	0	79	130	6026.85	3229	0	79
	May 2012	265	175	8	105	0	105	132	6028.42	3288	0	105
	Jun 2012	399	300	11	212	0	212	135	6030.35	3363	0	212
	Jul 2012	218	178	14	135	0	135	136	6031.06	3390	0	135
	Aug 2012	96	100	13	135	0	135	134	6029.87	3344	0	135
	Sep 2012	58	75	11	131	0	131	132	6028.19	3280	0	131
	WY 2012	1515	1462	80	1276	0	1276					1276
	Oct 2012	59	78	7	135	0	135	129	6026.55	3218	0	135

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Taylor Park Reservoir

		Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Nov 2009	5	6	9310.68	71
H	Dec 2009	4	6	9309.18	69
I	Jan 2010	4	6	9307.90	67
S	Feb 2010	4	6	9306.55	65
T	Mar 2010	4	6	9305.31	63
O	Apr 2010	11	6	9308.40	67
R	May 2010	22	9	9316.36	80
I	Jun 2010	35	18	9325.55	97
C	Jul 2010	10	20	9320.19	87
A	Aug 2010	10	17	9316.06	80
L	Sep 2010	6	14	9311.57	72
	WY 2010	121	122		
*	Oct 2010	7	6	9312.21	73
	Nov 2010	5	6	9311.48	72
	Dec 2010	4	6	9310.23	70
	Jan 2011	4	6	9308.71	68
	Feb 2011	3	6	9306.76	65
	Mar 2011	3	6	9304.75	62
	Apr 2011	7	6	9305.09	62
	May 2011	24	13	9312.15	73
	Jun 2011	37	20	9321.86	90
	Jul 2011	16	20	9319.68	86
	Aug 2011	8	13	9316.87	81
	Sep 2011	6	13	9312.76	74
	WY 2011	123	121		
	Oct 2011	6	10	9310.40	71
	Nov 2011	5	6	9309.72	69
	Dec 2011	4	6	9308.74	68
	Jan 2012	4	6	9307.59	66
	Feb 2012	4	6	9306.12	64
	Mar 2012	4	6	9304.95	62
	Apr 2012	8	8	9305.51	63
	May 2012	27	14	9313.84	76
	Jun 2012	43	20	9326.41	99
	Jul 2012	20	22	9325.60	97
	Aug 2012	10	22	9319.19	85
	Sep 2012	7	16	9314.01	76
	WY 2012	144	141		
	Oct 2012	6	10	9311.70	73

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Blue Mesa Reservoir

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Nov 2009	27	28	0	28	0	28	7492.84	604
H	Dec 2009	21	23	0	47	0	47	7489.73	579
I	Jan 2010	22	24	0	43	0	43	7487.22	560
S	Feb 2010	22	24	0	38	0	38	7485.33	546
T	Mar 2010	29	30	0	33	0	33	7484.88	542
O	Apr 2010	96	92	1	45	0	45	7490.80	588
R	May 2010	143	131	1	110	6	116	7492.59	602
I	Jun 2010	205	186	1	51	0	51	7508.76	735
C	Jul 2010	50	60	1	98	0	98	7504.17	696
A	Aug 2010	56	63	1	92	0	92	7500.54	666
L	Sep 2010	23	31	1	86	0	86	7493.54	609
	WY 2010	725	727	8	754	6	760		
*	Oct 2010	29	29	1	85	0	85	7486.20	552
	Nov 2010	27	28	0	27	0	27	7486.33	553
	Dec 2010	23	25	0	28	0	28	7485.91	550
	Jan 2011	21	23	0	29	0	29	7485.15	544
	Feb 2011	19	22	0	28	0	28	7484.32	538
	Mar 2011	28	31	0	32	0	32	7484.13	537
	Apr 2011	70	69	1	41	0	41	7487.80	564
	May 2011	185	174	1	90	0	90	7498.28	647
	Jun 2011	225	208	1	51	0	51	7516.40	803
	Jul 2011	90	94	2	109	0	109	7514.56	786
	Aug 2011	48	53	1	122	0	122	7506.50	716
	Sep 2011	35	42	1	113	0	113	7497.85	644
	WY 2011	800	799	9	755	0	755		
	Oct 2011	36	39	1	58	0	58	7495.49	625
	Nov 2011	31	32	0	28	0	28	7495.91	628
	Dec 2011	25	27	0	85	0	85	7488.46	569
	Jan 2012	24	26	0	79	0	79	7481.38	516
	Feb 2012	22	24	0	56	0	56	7476.97	484
	Mar 2012	34	36	0	36	0	36	7476.90	484
	Apr 2012	73	72	1	48	0	48	7480.16	507
	May 2012	212	199	1	110	0	110	7491.79	595
	Jun 2012	271	248	1	60	0	60	7514.10	782
	Jul 2012	121	122	2	100	0	100	7516.40	802
	Aug 2012	62	74	1	122	0	122	7510.78	753
	Sep 2012	36	45	1	113	0	113	7502.73	684
	WY 2012	946	944	9	896	0	896		
	Oct 2012	36	39	1	58	0	58	7500.42	665

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Morrow Point Reservoir

		Unreg Inflow 1000 Ac-Ft	Blue_Mesa Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Evap losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Nov 2009	29	28	2	30	0	27	0	27	7152.38	111
H	Dec 2009	22	47	1	48	0	47	0	47	7153.12	112
I	Jan 2010	24	43	2	45	0	47	0	47	7150.49	109
S	Feb 2010	22	38	1	38	0	41	0	41	7147.10	107
T	Mar 2010	29	33	1	34	0	34	0	34	7147.29	107
O	Apr 2010	107	45	11	57	0	55	0	55	7149.84	109
R	May 2010	159	116	16	132	0	129	0	129	7154.46	113
I	Jun 2010	216	51	12	63	0	64	0	64	7153.15	112
C	Jul 2010	51	98	1	98	0	96	0	96	7156.02	114
A	Aug 2010	56	92	1	93	0	93	0	93	7155.63	114
L	Sep 2010	23	86	0	87	0	92	0	92	7148.78	108
	WY 2010	773	760	48	807	1	805	0	805		
*	Oct 2010	30	85	1	86	0	82	0	82	7153.88	112
	Nov 2010	29	27	2	29	0	29	0	29	7153.73	112
	Dec 2010	25	28	2	30	0	30	0	30	7153.73	112
	Jan 2011	23	29	2	31	0	31	0	31	7153.73	112
	Feb 2011	20	28	1	29	0	29	0	29	7153.73	112
	Mar 2011	31	32	3	35	0	35	0	35	7153.73	112
	Apr 2011	80	41	10	51	0	51	0	51	7153.73	112
	May 2011	205	90	20	110	0	110	0	110	7153.73	112
	Jun 2011	245	51	20	71	0	71	0	71	7153.73	112
	Jul 2011	95	109	5	114	0	114	0	114	7153.73	112
	Aug 2011	50	122	2	124	0	124	0	124	7153.73	112
	Sep 2011	37	113	2	115	0	115	0	115	7153.73	112
	WY 2011	870	755	70	825	0	821	0	821		
	Oct 2011	38	58	3	61	0	61	0	61	7153.73	112
	Nov 2011	33	28	2	30	0	30	0	30	7153.73	112
	Dec 2011	27	85	2	87	0	87	0	87	7153.73	112
	Jan 2012	26	79	2	81	0	81	0	81	7153.73	112
	Feb 2012	25	56	3	59	0	59	0	59	7153.73	112
	Mar 2012	38	36	4	40	0	40	0	40	7153.73	112
	Apr 2012	84	48	11	59	0	59	0	59	7153.73	112
	May 2012	237	110	25	135	0	135	0	135	7153.73	112
	Jun 2012	292	60	21	81	0	81	0	81	7153.73	112
	Jul 2012	127	100	7	107	0	107	0	107	7153.73	112
	Aug 2012	65	122	4	126	0	126	0	126	7153.73	112
	Sep 2012	39	113	3	116	0	116	0	116	7153.73	112
	WY 2012	1033	896	86	982	0	982	0	982		
	Oct 2012	38	58	3	61	0	61	0	61	7153.73	112

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Crystal Reservoir

	unreg Inflow 1000 Ac-Ft	Morrow Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Tunnel Flow 1000 Ac-Ft	Below_tunnel Flow 1000 Ac-Ft
* Nov 2009	32	27	3	29	31	0	31	6747.51	15	1	31
H Dec 2009	25	47	3	51	52	0	52	6743.59	14	1	53
I Jan 2010	26	47	3	50	49	0	49	6745.38	15	1	50
S Feb 2010	25	41	3	44	25	17	42	6751.67	17	1	43
T Mar 2010	33	34	4	38	38	0	38	6751.84	17	1	38
O Apr 2010	118	55	11	66	66	0	66	6750.96	16	34	34
R May 2010	179	129	20	148	108	39	148	6752.53	17	60	91
I Jun 2010	242	64	25	89	89	0	89	6752.91	17	56	39
C Jul 2010	55	96	4	100	100	0	100	6751.15	16	69	39
A Aug 2010	61	93	5	98	98	0	98	6749.05	16	68	37
L Sep 2010	26	92	3	95	95	0	95	6748.16	16	63	36
WY 2010	859	805	86	891	824	67	890			415	528
* Oct 2010	34	82	4	86	85	0	85	6750.41	16	51	33
Nov 2010	33	29	4	33	32	0	32	6753.04	17	0	32
Dec 2010	29	30	4	34	34	0	34	6753.04	17	0	34
Jan 2011	26	31	3	34	34	0	34	6753.04	17	0	34
Feb 2011	22	29	2	31	31	0	31	6753.04	17	0	31
Mar 2011	35	35	4	39	39	0	39	6753.04	17	5	34
Apr 2011	92	51	12	63	63	0	63	6753.04	17	30	33
May 2011	230	110	25	135	134	1	135	6753.04	17	55	80
Jun 2011	275	71	30	101	101	0	101	6753.04	17	60	41
Jul 2011	105	114	10	124	124	0	124	6753.04	17	65	59
Aug 2011	56	124	6	130	130	0	130	6753.04	17	65	65
Sep 2011	43	115	6	121	121	0	121	6753.04	17	55	66
WY 2011	980	821	110	931	929	1	930			386	542
Oct 2011	44	61	6	67	67	0	67	6753.04	17	30	37
Nov 2011	38	30	5	35	35	0	35	6753.04	17	0	35
Dec 2011	32	87	5	92	92	0	92	6753.04	17	0	92
Jan 2012	31	81	5	86	86	0	86	6753.04	17	0	86
Feb 2012	29	59	4	63	63	0	63	6753.04	17	0	63
Mar 2012	46	40	7	47	47	0	47	6753.04	17	5	42
Apr 2012	96	59	12	71	71	0	71	6753.04	17	30	41
May 2012	272	135	35	170	134	36	170	6753.04	17	55	115
Jun 2012	330	81	38	120	120	0	120	6753.04	17	60	60
Jul 2012	144	107	17	124	124	0	124	6753.04	17	65	59
Aug 2012	74	126	8	134	134	0	134	6753.04	17	65	69
Sep 2012	45	116	6	122	122	0	122	6753.04	17	55	67
WY 2012	1183	982	150	1132	1096	36	1132			365	767
Oct 2012	44	61	6	67	67	0	67	6753.04	17	30	37

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Vallecito Reservoir

		Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Nov 2009	4	3	7630.41	45
H	Dec 2009	4	3	7630.60	46
I	Jan 2010	4	3	7631.27	47
S	Feb 2010	3	4	7630.95	46
T	Mar 2010	3	8	7628.45	42
O	Apr 2010	27	4	7640.13	65
R	May 2010	69	20	7660.32	113
I	Jun 2010	46	42	7661.51	116
C	Jul 2010	12	37	7651.21	90
A	Aug 2010	19	33	7645.00	75
L	Sep 2010	10	26	7637.70	59
	WY 2010	209	196		
*	Oct 2010	12	13	7636.95	58
	Nov 2010	6	2	7639.19	63
	Dec 2010	5	2	7640.64	66
	Jan 2011	4	2	7641.70	68
	Feb 2011	3	2	7642.50	70
	Mar 2011	6	2	7644.28	74
	Apr 2011	19	10	7647.88	82
	May 2011	62	31	7660.32	113
	Jun 2011	75	62	7665.00	125
	Jul 2011	25	43	7657.95	107
	Aug 2011	17	39	7648.80	84
	Sep 2011	15	29	7642.18	69
	WY 2011	249	236		
	Oct 2011	14	20	7639.17	63
	Nov 2011	8	6	7640.27	65
	Dec 2011	6	5	7640.91	66
	Jan 2012	5	3	7641.86	68
	Feb 2012	5	3	7642.67	70
	Mar 2012	8	3	7644.82	75
	Apr 2012	22	10	7649.67	86
	May 2012	69	45	7659.24	110
	Jun 2012	78	62	7665.00	125
	Jul 2012	31	43	7660.21	113
	Aug 2012	19	39	7652.14	92
	Sep 2012	17	29	7646.94	80
	WY 2012	282	268		
	Oct 2012	14	13	7647.16	80

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Navajo Reservoir

		Mod_Unreg Inflow 1000 Ac-Ft	Azetea Tunnel_Div 1000 Ac-Ft	Reg Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	NIIP Diversion 1000 ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Farm Flow 1000 Ac-Ft
*	Nov 2009	15	0	14	1	0	30	6053.34	1265	48
H	Dec 2009	13	0	12	1	0	32	6051.61	1245	48
I	Jan 2010	15	0	14	1	0	32	6050.04	1226	49
S	Feb 2010	16	0	16	1	0	27	6049.04	1214	43
T	Mar 2010	64	1	68	1	3	31	6051.78	1247	52
O	Apr 2010	222	22	179	2	12	28	6062.79	1384	75
R	May 2010	265	35	182	4	26	30	6071.80	1506	126
I	Jun 2010	152	28	116	5	40	33	6074.50	1544	118
C	Jul 2010	16	2	39	5	47	58	6069.52	1474	72
A	Aug 2010	39	2	52	4	35	41	6067.48	1446	69
L	Sep 2010	24	1	39	3	25	45	6064.97	1412	57
	WY 2010	856	90	753	29	202	423			801
*	Oct 2010	25	0	27	2	8	36	6063.49	1393	46
	Nov 2010	25	0	20	1	0	30	6062.67	1382	30
	Dec 2010	22	0	19	1	0	32	6061.57	1368	32
	Jan 2011	21	0	19	1	0	32	6060.50	1354	32
	Feb 2011	26	0	24	1	0	27	6060.22	1351	27
	Mar 2011	77	0	73	2	4	31	6063.02	1387	31
	Apr 2011	140	10	122	3	17	30	6068.46	1459	30
	May 2011	260	21	208	4	29	85	6074.85	1549	85
	Jun 2011	240	6	221	5	44	147	6076.60	1574	147
	Jul 2011	45	1	62	5	47	37	6074.80	1548	37
	Aug 2011	26	0	48	4	39	42	6072.20	1511	42
	Sep 2011	34	0	49	3	22	36	6071.30	1499	36
	WY 2011	941	38	890	30	210	564			574
	Oct 2011	40	0	47	2	8	31	6071.74	1505	31
	Nov 2011	33	0	31	1	0	30	6071.72	1505	30
	Dec 2011	24	0	22	1	0	31	6071.07	1495	31
	Jan 2012	22	0	20	1	0	31	6070.23	1484	31
	Feb 2012	30	0	29	1	0	28	6070.21	1483	28
	Mar 2012	88	0	83	2	4	60	6071.43	1500	60
	Apr 2012	174	11	151	3	17	60	6076.44	1572	60
	May 2012	279	26	229	4	29	200	6076.13	1568	200
	Jun 2012	246	14	216	5	44	212	6073.04	1523	212
	Jul 2012	74	2	84	5	47	37	6072.74	1519	37
	Aug 2012	43	0	63	4	39	42	6071.15	1497	42
	Sep 2012	42	0	54	3	22	36	6070.64	1490	36
	WY 2012	1096	53	1029	30	210	797			797
	Oct 2012	40	0	40	2	8	31	6070.58	1489	31

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Lake Powell

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	PowerPlant Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Bank Storage 1000 Ac-Ft	EOM Storage 1000 Ac-Ft	Lees Ferry 1000 Ac-Ft
*	Nov 2009	421	495	39	692	0	692	3631.10	18018	14976	702
H	Dec 2009	308	437	30	901	0	901	3626.22	18066	14434	925
I	Jan 2010	302	425	9	900	0	900	3622.14	18023	13991	925
S	Feb 2010	294	384	10	631	0	631	3620.16	17978	13780	644
T	Mar 2010	477	474	17	602	0	602	3619.41	17912	13701	612
O	Apr 2010	944	717	26	602	0	602	3620.50	17886	13816	614
R	May 2010	1399	1224	32	601	0	601	3625.96	17887	14405	612
I	Jun 2010	2776	2321	53	601	0	601	3638.82	18096	15864	612
C	Jul 2010	674	706	65	802	0	802	3636.52	18203	15596	824
A	Aug 2010	504	608	64	802	0	802	3634.55	18172	15369	826
L	Sep 2010	277	461	58	480	0	480	3633.66	18197	15267	490
	WY 2010	8737	8777	444	8234	0	8235				8419
*	Oct 2010	362	512	41	495	0	495	3634.08	18125	15315	502
	Nov 2010	425	453	39	810	0	810	3630.85	18096	14948	810
	Dec 2010	375	421	30	865	0	865	3626.91	18061	14509	865
	Jan 2011	350	402	9	865	0	865	3622.89	18026	14072	865
	Feb 2011	325	362	10	800	0	800	3619.00	17993	13658	800
	Mar 2011	550	499	16	805	0	805	3616.15	17969	13360	805
	Apr 2011	850	684	26	716	0	716	3615.64	17964	13306	716
	May 2011	1900	1620	31	710	0	710	3623.33	18029	14120	710
	Jun 2011	2500	2178	51	738	0	738	3634.87	18132	15406	738
	Jul 2011	1050	1029	64	845	0	845	3635.84	18141	15517	845
	Aug 2011	500	638	64	875	0	875	3633.42	18119	15239	875
	Sep 2011	450	578	58	476	0	476	3633.77	18122	15280	476
	WY 2011	9637	9377	439	9000	0	9000				9007
	Oct 2011	514	557	41	492	0	492	3633.97	18124	15302	492
	Nov 2011	523	546	39	800	0	800	3631.58	18102	15031	800
	Dec 2011	414	526	30	950	0	950	3627.82	18069	14610	950
	Jan 2012	384	488	9	950	0	950	3623.83	18034	14174	950
	Feb 2012	398	459	10	900	0	900	3619.94	18000	13756	900
	Mar 2012	628	583	16	900	0	900	3617.00	17976	13448	900
	Apr 2012	950	775	26	1000	0	1000	3614.77	17957	13216	1000
	May 2012	2161	1875	31	1125	0	1125	3621.13	18011	13883	1125
	Jun 2012	2811	2437	50	1176	0	1176	3631.34	18100	15004	1176
	Jul 2012	1346	1253	62	1250	0	1250	3630.86	18096	14950	1250
	Aug 2012	566	704	61	1200	0	1200	3626.22	18055	14434	1200
	Sep 2012	460	625	55	714	0	714	3625.00	18044	14300	714
	WY 2012	11154	10829	430	11457	0	11457				11457
	Oct 2012	514	611	38	738	0	738	3623.59	18032	14147	738

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Hoover Dam - Lake Mead

		Glen Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	SNWP Use 1000 Ac-Ft	Dwnstrm Reqmnts 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
*	Nov 2009	692	39	44	648	10.9	15	647	710	1093.52	10919
H	Dec 2009	901	51	39	646	10.5	9	629	726	1096.30	11162
I	Jan 2010	900	124	32	634	10.3	6	578	747	1100.02	11493
S	Feb 2010	631	112	30	400	7.2	6	399	766	1103.21	11780
T	Mar 2010	602	87	33	889	14.5	12	868	751	1100.66	11550
O	Apr 2010	602	138	41	933	15.7	19	856	735	1098.00	11313
R	May 2010	601	87	47	961	15.6	28	933	714	1094.30	10987
I	Jun 2010	601	30	55	1007	16.9	27	1006	686	1089.30	10556
C	Jul 2010	802	29	68	941	15.3	33	937	673	1086.97	10357
A	Aug 2010	802	126	72	829	13.5	33	823	673	1086.91	10352
L	Sep 2010	480	82	59	758	12.7	23	755	656	1083.81	10092
	WY 2010	8235	928	564	9260		235	9039			
*	Oct 2010	495	78	42	638	10.4	22	605	648	1082.36	9971
	Nov 2010	810	54	42	727	12.2	16	727	653	1083.25	10045
	Dec 2010	865	57	37	660	10.7	10	660	666	1085.67	10247
	Jan 2011	865	135	30	697	11.3	20	697	681	1088.46	10484
	Feb 2011	800	135	28	626	11.3	18	626	697	1091.35	10731
	Mar 2011	805	101	32	1013	16.5	24	1013	688	1089.55	10577
	Apr 2011	716	71	39	1125	18.9	20	1125	663	1085.16	10204
	May 2011	710	73	44	1004	16.3	31	1004	645	1081.82	9926
	Jun 2011	738	28	53	881	14.8	26	881	633	1079.61	9744
	Jul 2011	845	61	66	892	14.5	28	892	628	1078.69	9668
	Aug 2011	875	106	70	776	12.6	31	776	635	1079.88	9766
	Sep 2011	476	71	57	658	11.1	22	658	623	1077.69	9587
	WY 2011	9000	970	541	9698		268	9665			
	Oct 2011	492	55	41	486	7.9	26	486	623	1077.60	9580
	Nov 2011	800	54	42	613	10.3	25	613	633	1079.60	9743
	Dec 2011	950	57	36	588	9.6	21	588	655	1083.70	10083
	Jan 2012	950	135	30	684	11.1	20	684	677	1087.62	10413
	Feb 2012	900	135	28	669	11.6	21	669	696	1091.10	10710
	Mar 2012	900	101	32	1004	16.3	28	1004	692	1090.41	10651
	Apr 2012	1000	71	39	1139	19.1	22	1139	684	1088.99	10529
	May 2012	1125	73	45	985	16.0	32	985	693	1090.49	10657
	Jun 2012	1176	28	55	841	14.1	29	841	710	1093.52	10918
	Jul 2012	1250	61	70	888	14.4	31	888	729	1096.96	11220
	Aug 2012	1200	106	76	811	13.2	32	811	753	1101.03	11583
	Sep 2012	714	71	63	681	11.4	27	681	754	1101.17	11596
	WY 2012	11457	946	559	9389		316	9389			
	Oct 2012	738	55	46	465	7.6	39	465	769	1103.69	11824

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Davis Dam - Lake Mohave

		Hoover Release 1000 Ac-Ft	Side inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Spill Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
*	Nov 2009	648	-15	10	590	0	590	9.9	635.61	1502
H	Dec 2009	646	-24	9	532	0	532	8.7	638.68	1582
I	Jan 2010	634	-15	10	456	0	456	7.4	644.34	1736
S	Feb 2010	400	-4	10	442	0	442	8.0	642.31	1680
T	Mar 2010	889	-18	13	862	0	862	14.0	642.17	1676
O	Apr 2010	933	-17	17	878	0	878	14.8	642.94	1697
R	May 2010	961	-19	22	937	0	937	15.2	642.30	1680
I	Jun 2010	1007	-23	25	912	0	912	15.3	643.98	1726
C	Jul 2010	941	-14	26	913	0	913	14.8	643.57	1714
A	Aug 2010	829	-12	23	838	0	838	13.6	641.95	1670
L	Sep 2010	758	-2	18	833	0	833	14.0	638.40	1575
	WY 2010	9260	-172	197	8816	0	8816			
*	Oct 2010	638	6	15	766	0	766	12.5	633.10	1437
	Nov 2010	727	-9	10	646	0	646	10.9	635.50	1499
	Dec 2010	660	-12	9	554	0	554	9.0	638.70	1583
	Jan 2011	697	-13	10	591	0	591	9.6	641.80	1666
	Feb 2011	626	-5	10	611	0	611	11.0	641.80	1666
	Mar 2011	1013	-14	13	952	0	952	15.5	643.05	1700
	Apr 2011	1125	-15	17	1095	0	1095	18.4	643.00	1699
	May 2011	1004	-10	22	973	0	973	15.8	643.00	1699
	Jun 2011	881	-2	25	881	0	881	14.8	642.00	1671
	Jul 2011	892	3	25	883	0	883	14.4	641.50	1658
	Aug 2011	776	-3	23	750	0	750	12.2	641.50	1658
	Sep 2011	658	1	18	735	0	735	12.3	638.00	1564
	WY 2011	9698	-73	197	9438	0	9438			
	Oct 2011	486	5	15	607	0	607	9.9	633.00	1434
	Nov 2011	613	-9	10	542	0	542	9.1	635.00	1486
	Dec 2011	588	-12	9	469	0	469	7.6	638.71	1583
	Jan 2012	684	-13	10	577	0	577	9.4	641.80	1666
	Feb 2012	669	-5	10	655	0	655	11.4	641.80	1666
	Mar 2012	1004	-14	13	943	0	943	15.3	643.05	1700
	Apr 2012	1139	-15	17	1108	0	1108	18.6	643.00	1699
	May 2012	985	-10	22	953	0	953	15.5	643.00	1699
	Jun 2012	841	-2	25	841	0	841	14.1	642.00	1671
	Jul 2012	888	3	25	880	0	880	14.3	641.50	1658
	Aug 2012	811	-3	23	785	0	785	12.8	641.50	1658
	Sep 2012	681	1	18	758	0	758	12.7	638.00	1564
	WY 2012	9389	-73	197	9119	0	9119			
	Oct 2012	465	5	15	585	0	585	9.5	633.00	1434

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T E M R E S E R V O I R S

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Parker Dam - Lake Havasu

	Davis Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	MWD Diversion 1000 Ac-Ft	CAP diversion 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft	Flow_to Mexico 1000 Ac-Ft	Flow_to Mexico 1000 CFS
* Nov 2009	590	32	9	365	6.1	107	144	447.61	573	103	1.7
H Dec 2009	532	28	7	301	4.9	104	149	447.34	568	135	2.2
I Jan 2010	456	41	6	233	3.8	99	126	448.89	597	174	2.8
S Feb 2010	442	10	8	331	6.0	66	91	446.29	548	141	2.5
T Mar 2010	862	55	9	668	10.9	90	128	447.15	564	233	3.8
O Apr 2010	878	34	11	670	11.3	43	153	448.61	592	210	3.5
R May 2010	937	24	13	662	10.8	102	172	448.83	596	114	1.9
I Jun 2010	912	23	16	650	10.9	91	171	448.64	592	113	1.9
C Jul 2010	913	17	17	743	12.1	107	50	448.61	592	126	2.1
A Aug 2010	838	21	17	646	10.5	108	84	448.20	584	101	1.6
L Sep 2010	833	17	15	583	9.8	98	171	446.95	560	93	1.6
WY 2010	8816	318	140	6300		1043	1572			1618	
* Oct 2010	766	25	12	465	7.6	102	165	449.14	602	109	1.8
Nov 2010	646	22	9	411	6.9	96	178	447.50	571	109	1.8
Dec 2010	554	20	7	297	4.8	99	177	447.00	561	118	1.9
Jan 2011	591	34	6	363	5.9	97	164	446.50	552	122	2.0
Feb 2011	611	40	8	452	8.1	31	155	446.50	552	153	2.8
Mar 2011	952	45	9	708	11.5	97	172	446.70	555	208	3.4
Apr 2011	1095	15	11	793	13.3	94	165	448.70	593	200	3.4
May 2011	973	11	13	704	11.5	98	157	448.70	593	111	1.8
Jun 2011	881	7	16	675	11.3	95	89	448.70	593	112	1.9
Jul 2011	883	14	17	733	11.9	75	72	448.00	580	118	1.9
Aug 2011	750	20	17	618	10.1	65	67	447.50	571	92	1.5
Sep 2011	735	13	15	526	8.8	64	146	446.81	557	89	1.5
WY 2011	9438	265	140	6746		1013	1708			1542	
Oct 2011	607	20	12	438	7.1	66	112	446.31	548	72	1.2
Nov 2011	542	22	8	372	6.2	64	110	446.50	552	105	1.8
Dec 2011	469	20	6	287	4.7	68	124	446.50	552	118	1.9
Jan 2012	577	34	6	347	5.6	88	165	446.50	552	122	2.0
Feb 2012	655	40	8	444	7.7	80	156	446.50	552	153	2.7
Mar 2012	943	45	9	704	11.4	88	174	446.70	555	208	3.4
Apr 2012	1108	15	11	813	13.7	86	166	448.70	593	200	3.4
May 2012	953	11	13	692	11.3	89	159	448.70	593	111	1.8
Jun 2012	841	7	16	641	10.8	86	90	448.70	593	112	1.9
Jul 2012	880	14	17	715	11.6	88	72	448.00	580	118	1.9
Aug 2012	785	20	17	628	10.2	88	68	447.50	571	92	1.5
Sep 2012	758	13	15	548	9.2	64	148	446.81	557	89	1.5
WY 2012	9119	260	139	6628		957	1545			1500	
Oct 2012	585	20	12	455	7.4	27	113	446.31	548	72	1.2

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T E M R E S E R V O I R S

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Hoover Dam - Lake Mead

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Hoover Static Head Feet	Hoover Generator Capacity MW	Hoover Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Nov 2009	648	10.9	1093.52	10919	23	451.32	1358.0	251.9	82	388.7
H	Dec 2009	646	10.5	1096.30	11162	243	451.68	1037.0	248.8	63	385.3
I	Jan 2010	634	10.3	1100.02	11493	330	452.24	1050.0	248.9	63	392.4
S	Feb 2010	400	7.2	1103.21	11780	288	456.23	1044.0	152.7	63	381.5
T	Mar 2010	889	14.5	1100.66	11550	-230	452.57	1272.0	353.9	75	398.0
O	Apr 2010	933	15.7	1098.00	11313	-237	451.78	1392.0	370.4	82	397.0
R	May 2010	961	15.6	1094.30	10987	-326	449.26	1371.0	378.0	82	393.4
I	Jun 2010	1007	16.9	1089.30	10556	-431	442.32	1556.0	390.5	94	387.7
C	Jul 2010	941	15.3	1086.97	10357	-198	441.50	1640.0	360.3	100	382.9
A	Aug 2010	829	13.5	1086.91	10352	-5	443.45	1617.0	313.3	100	378.0
L	Sep 2010	758	12.7	1083.81	10092	-261	439.46	1617.0	285.1	100	375.9
	WY 2010	9260							3589.4		
*	Oct 2010	638	10.4	1082.36	9971	-121	440.25	1104.0	241.3	68	378.5
	Nov 2010	727	12.2	1083.25	10045	74	437.72	1185.0	287.7	74	396.0
	Dec 2010	660	10.7	1085.67	10247	202	436.15	1403.0	254.4	87	385.5
	Jan 2011	697	11.3	1088.46	10484	237	438.61	1131.0	274.9	69	394.1
	Feb 2011	626	11.3	1091.35	10731	246	438.47	1441.0	244.1	87	390.0
	Mar 2011	1013	16.5	1089.55	10577	-153	438.58	1441.0	399.3	88	394.2
	Apr 2011	1125	18.9	1085.16	10204	-373	434.74	1495.0	447.3	91	397.6
	May 2011	1004	16.3	1081.82	9926	-278	429.98	1646.0	384.8	100	383.2
	Jun 2011	881	14.8	1079.61	9744	-183	427.56	1658.0	337.8	100	383.3
	Jul 2011	892	14.5	1078.69	9668	-75	426.49	1674.0	340.1	100	381.3
	Aug 2011	776	12.6	1079.88	9766	98	426.79	1692.0	298.1	100	384.0
	Sep 2011	658	11.1	1077.69	9587	-179	427.43	1694.0	249.0	100	378.3
	WY 2011	9698							3758.9		
	Oct 2011	486	7.9	1077.60	9580	-7	429.76	1495.0	186.8	87	383.9
	Nov 2011	613	10.3	1079.60	9743	163	434.44	1164.0	240.0	68	391.6
	Dec 2011	588	9.6	1083.70	10083	340	434.22	1397.0	226.6	81	385.3
	Jan 2012	684	11.1	1087.62	10413	330	437.41	1176.0	268.3	68	392.5
	Feb 2012	669	11.6	1091.10	10710	297	438.53	1426.0	262.9	82	392.7
	Mar 2012	1004	16.3	1090.41	10651	-59	439.60	1394.0	397.9	81	396.5
	Apr 2012	1139	19.1	1088.99	10529	-121	437.07	1567.9	455.7	91	400.3
	May 2012	985	16.0	1090.49	10657	128	436.18	1720.0	381.6	100	387.4
	Jun 2012	841	14.1	1093.52	10918	261	438.75	1720.0	335.9	100	399.3
	Jul 2012	888	14.4	1096.96	11220	302	442.45	1720.0	358.4	100	403.4
	Aug 2012	811	13.2	1101.03	11583	363	446.34	1720.0	326.4	100	402.6
	Sep 2012	681	11.4	1101.17	11596	12	449.57	1720.0	271.1	100	397.9
	WY 2012	9389							3711.7		
	Oct 2012	465	7.6	1103.69	11824	228	454.37	1504.6	185.8	87	399.8

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Davis Dam - Lake Mohave

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Davis Static Head Feet	Davis Generator Capacity MW	Davis Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Nov 2009	590	9.9	635.61	1502	33	136.02	186.2	70.9	73	120.3
H	Dec 2009	532	8.7	638.68	1582	81	139.08	188.7	65.9	74	123.8
I	Jan 2010	456	7.4	644.34	1736	153	144.98	204.0	57.9	80	127.1
S	Feb 2010	442	8.0	642.31	1680	-56	138.83	216.8	56.9	85	128.6
T	Mar 2010	862	14.0	642.17	1676	-4	138.67	249.9	109.8	98	127.5
O	Apr 2010	878	14.8	642.94	1697	21	141.04	255.0	111.0	100	126.4
R	May 2010	937	15.2	642.30	1680	-17	140.64	255.0	118.5	100	126.4
I	Jun 2010	912	15.3	643.98	1726	46	140.66	255.0	115.5	100	126.6
C	Jul 2010	913	14.8	643.57	1714	-11	141.98	242.2	115.3	95	126.4
A	Aug 2010	838	13.6	641.95	1670	-44	140.67	255.0	105.9	100	126.4
L	Sep 2010	833	14.0	638.40	1575	-95	137.24	255.0	102.6	100	123.1
	WY 2010	8816							1104.5		
*	Oct 2010	766	12.5	633.10	1437	-138	129.52	209.1	92.1	82	120.2
	Nov 2010	646	10.9	635.50	1499	62	130.12	153.0	76.7	60	118.8
	Dec 2010	554	9.0	638.70	1583	84	132.77	160.7	67.7	63	122.0
	Jan 2011	591	9.6	641.80	1666	83	136.31	153.0	73.7	60	124.6
	Feb 2011	611	11.0	641.80	1666	0	137.77	155.5	76.7	61	125.5
	Mar 2011	952	15.5	643.05	1700	34	136.79	206.6	118.7	81	124.6
	Apr 2011	1095	18.4	643.00	1699	-2	137.46	204.0	136.1	80	124.3
	May 2011	973	15.8	643.00	1699	0	136.04	255.0	121.6	100	125.0
	Jun 2011	881	14.8	642.00	1671	-27	135.51	255.0	110.0	100	124.9
	Jul 2011	883	14.4	641.50	1658	-14	134.73	255.0	109.9	100	124.3
	Aug 2011	750	12.2	641.50	1658	0	134.46	255.0	93.7	100	124.8
	Sep 2011	735	12.3	638.00	1564	-94	132.62	255.0	90.5	100	123.2
	WY 2011	9438							1167.4		
	Oct 2011	607	9.9	633.00	1434	-130	128.65	237.2	73.0	93	120.3
	Nov 2011	542	9.1	635.00	1486	51	127.14	234.6	64.7	92	119.2
	Dec 2011	469	7.6	638.71	1583	97	130.00	239.7	57.4	94	122.4
	Jan 2012	577	9.4	641.80	1666	83	134.16	219.3	72.0	86	124.7
	Feb 2012	655	11.4	641.80	1666	0	135.05	244.8	82.1	96	125.4
	Mar 2012	943	15.3	643.05	1700	34	135.44	255.0	117.5	100	124.7
	Apr 2012	1108	18.6	643.00	1699	-2	136.07	255.0	137.7	100	124.2
	May 2012	953	15.5	643.00	1699	0	136.04	255.0	119.3	100	125.1
	Jun 2012	841	14.1	642.00	1671	-27	135.51	255.0	105.2	100	125.1
	Jul 2012	880	14.3	641.50	1658	-14	134.73	255.0	109.4	100	124.4
	Aug 2012	785	12.8	641.50	1658	0	134.46	255.0	97.9	100	124.7
	Sep 2012	758	12.7	638.00	1564	-94	132.62	255.0	93.3	100	123.1
	WY 2012	9119							1129.5		
	Oct 2012	585	9.5	633.00	1434	-130	128.65	237.2	70.5	93	120.4

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Parker Dam - Lake Havasu

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Parker Static Head Feet	Parker Generator Capacity MW	Parker Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Nov 2009	365	6.1	447.61	573	-8	81.65	66.0	25.9	55	71.0
H	Dec 2009	299	4.9	447.34	568	-5	81.50	76.8	20.2	64	67.4
I	Jan 2010	233	3.8	448.89	597	29	82.98	66.0	15.6	55	66.8
S	Feb 2010	331	6.0	446.29	548	-49	78.17	90.0	22.8	75	68.8
T	Mar 2010	668	10.9	447.15	564	16	81.28	90.0	45.4	75	67.9
O	Apr 2010	670	11.3	448.61	592	28	81.42	90.0	46.8	75	69.8
R	May 2010	662	10.8	448.83	596	4	81.45	115.2	46.0	96	69.6
I	Jun 2010	650	10.9	448.64	592	-4	80.58	120.0	46.4	100	71.3
C	Jul 2010	743	12.1	448.61	592	-1	82.51	120.0	50.9	100	68.4
A	Aug 2010	646	10.5	448.20	584	-8	81.98	120.0	44.7	100	69.2
L	Sep 2010	583	9.8	446.95	560	-24	80.89	103.2	41.6	86	71.4
	WY 2010	6298							436.8		
*	Oct 2010	465	7.6	449.14	602	42	82.79	90.0	31.4	75	67.4
	Nov 2010	411	6.9	447.50	571	-32	76.97	92.4	27.1	77	66.1
	Dec 2010	297	4.8	447.00	561	-9	75.56	99.6	18.9	83	63.6
	Jan 2011	363	5.9	446.50	552	-9	74.96	102.0	23.2	85	64.0
	Feb 2011	452	8.1	446.50	552	0	73.92	120.0	29.0	100	64.2
	Mar 2011	708	11.5	446.70	555	4	74.01	120.0	46.0	100	64.9
	Apr 2011	793	13.3	448.70	593	38	75.08	120.0	52.4	100	66.0
	May 2011	704	11.5	448.70	593	0	76.05	120.0	46.8	100	66.5
	Jun 2011	675	11.3	448.70	593	0	76.05	120.0	44.8	100	66.5
	Jul 2011	733	11.9	448.00	580	-13	75.71	120.0	48.6	100	66.3
	Aug 2011	618	10.1	447.50	571	-10	75.13	120.0	40.5	100	65.5
	Sep 2011	526	8.8	446.81	557	-13	74.55	120.0	34.1	100	64.8
	WY 2011	6746							442.9		
	Oct 2011	438	7.1	446.31	548	-9	74.77	102.0	28.3	85	64.5
	Nov 2011	372	6.2	446.50	552	3	74.62	102.0	23.8	85	64.0
	Dec 2011	287	4.7	446.50	552	0	74.71	102.0	18.0	85	62.9
	Jan 2012	347	5.6	446.50	552	0	74.71	102.0	22.1	85	63.7
	Feb 2012	444	7.7	446.50	552	0	73.92	120.0	28.5	100	64.0
	Mar 2012	704	11.4	446.70	555	4	74.01	120.0	45.7	100	64.9
	Apr 2012	813	13.7	448.70	593	38	75.08	120.0	53.7	100	66.1
	May 2012	692	11.3	448.70	593	0	76.05	120.0	46.0	100	66.4
	Jun 2012	641	10.8	448.70	593	0	76.05	120.0	42.5	100	66.4
	Jul 2012	715	11.6	448.00	580	-13	75.71	120.0	47.3	100	66.3
	Aug 2012	628	10.2	447.50	571	-10	75.13	120.0	41.2	100	65.6
	Sep 2012	548	9.2	446.81	557	-13	74.55	120.0	35.6	100	64.9
	WY 2012	6628							432.7		
	Oct 2012	455	7.4	446.31	548	-9	74.77	102.0	29.4	85	64.7

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Upper Basin Power

	Glen Canyon 1000 MWHR	Flam Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Res 1000 MWHR	Font Res 1000 MWHR
* Nov 2009	309	42	8	9	4	0
H Dec 2009	403	42	13	17	9	0
I Jan 2010	401	43	12	16	8	3
S Feb 2010	279	34	11	14	4	3
T Mar 2010	269	23	9	11	6	3
Winter 2010	1995	211	78	98	49	14
O Apr 2010	265	19	13	19	13	3
R May 2010	267	39	31	45	21	3
I Jun 2010	272	54	15	22	18	4
C Jul 2010	368	38	30	34	20	8
A Aug 2010	366	40	27	33	19	6
L Sep 2010	217	42	25	32	19	2
Summer 2010	1755	231	142	186	109	25
* Oct 2010	226	30	24	29	16	0
Nov 2010	341	23	8	11	6	5
Dec 2010	362	23	8	11	6	5
Jan 2011	359	23	8	11	6	4
Feb 2011	330	21	8	10	5	4
Mar 2011	330	18	9	13	7	4
Winter 2011	1949	139	66	85	46	21
Apr 2011	293	17	12	18	11	5
May 2011	292	38	27	40	23	7
Jun 2011	309	68	16	26	18	8
Jul 2011	358	30	34	41	21	10
Aug 2011	370	30	38	45	22	10
Sep 2011	201	29	34	41	21	3
Summer 2011	1822	211	161	211	116	43
Oct 2011	208	30	17	22	12	6
Nov 2011	337	29	8	11	6	6
Dec 2011	398	30	25	31	16	5
Jan 2012	395	30	23	29	15	5
Feb 2012	371	28	16	21	11	4
Mar 2012	369	30	10	14	8	4
Winter 2012	2077	174	100	129	68	31
Apr 2012	407	29	14	21	12	5
May 2012	460	39	32	49	23	6
Jun 2012	489	78	18	29	21	9
Jul 2012	525	50	31	38	21	10
Aug 2012	501	50	38	45	23	8
Sep 2012	297	48	35	42	21	6
Summer 2012	2679	292	169	225	122	45
Oct 2012	306	49	18	22	12	6

BUREAU OF RECLAMATION - CRFS 11/2010 MOST PROB WATER SUPPLY JOB STARTED:Tus NOV 9 9:20:14 2010

model_run_id = 2080

F L O O D C O N T R O L C R I T E R I A
B E G I N N I N G O F M O N T H C O N D I T I O N S

MON	YEAR	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	LAKE POWELL KAF	UPPER BASIN TOTAL KAF	LAKE MEAD KAF	TOTAL KAF	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	TOT OR MAX ALLOW KAF	LAKE POWELL KAF	LAKE MEAD KAF	TOTAL KAF	BOM SPACE REQD KAF	MEAD SCHED REL KAF	MEAD FC REL KAF	SYS CONT MAF
		* * * * P R E D I C T E D S P A C E * * * *										* * * * C R E D I T A B L E S P A C E * * * *							
NOV	2010	713	277	303	9007	10300	17406	27707	713	277	303	1293	9007	17406	27707	3810	727	0	32.6
DEC	2010	740	276	314	9374	10704	17332	28036	740	276	314	1330	9374	17332	28036	4580	660	0	32.3
JAN	2011	773	280	328	9813	11193	17130	28323	773	280	328	1380	9813	17130	28323	5350	697	0	32.2
												* * * * E F F E C T I V E S P A C E * * * *							
JAN	2011	773	280	328	9813	11193	17130	28323	249	258	328	835	9813	17130	27778	5350	697	0	32.2
FEB	2011	808	285	342	10250	11685	16893	28578	283	266	342	891	10250	16893	28033	1500	626	0	31.9
MAR	2011	838	292	345	10664	12139	16646	28786	310	275	345	930	10664	16646	28241	1500	1013	0	31.6
APR	2011	830	293	309	10962	12394	16800	29194	297	279	309	885	10962	16800	28648	1500	1125	0	31.3
MAY	2011	784	265	237	11016	12302	17173	29474	244	250	221	715	11016	17173	28904	1500	1004	0	32.1
JUN	2011	733	182	147	10202	11265	17451	28715	184	155	99	438	10202	17451	28091	1500	881	0	33.5
JUL	2011	638	27	122	8916	9703	17633	27336	79	-19	25	85	8916	17633	26635	1500	892	0	33.5
												* * * * C R E D I T A B L E S P A C E * * * *							
AUG	2011	576	44	148	8805	9572	17709	27280	576	44	148	767	8805	17709	27280	1500	776	0	33.2
SEP	2011	601	114	185	9083	9981	17611	27592	601	114	185	899	9083	17611	27592	2270	658	0	32.8
OCT	2011	638	186	197	9042	10063	17790	27853	638	186	197	1021	9042	17790	27853	3040	486	0	32.6
NOV	2011	668	205	191	9020	10084	17797	27881	668	205	191	1064	9020	17797	27881	3810	613	0	32.5
DEC	2011	700	201	191	9291	10384	17634	28018	700	201	191	1093	9291	17634	28018	4580	588	0	32.4
JAN	2012	747	260	201	9712	10920	17294	28214	747	260	201	1208	9712	17294	28214	5350	684	0	32.3
												* * * * E F F E C T I V E S P A C E * * * *							
JAN	2012	747	260	201	9712	10920	17294	28214	446	260	184	889	9712	17294	27895	5350	684	0	32.3
FEB	2012	789	313	212	10148	11463	16964	28427	486	313	194	994	10148	16964	28106	1500	669	0	32.1
MAR	2012	822	345	213	10566	11945	16667	28613	516	345	194	1055	10566	16667	28288	1500	1004	0	31.8
APR	2012	804	346	196	10874	12219	16726	28946	493	346	171	1010	10874	16726	28610	1500	1139	0	31.7
MAY	2012	748	322	124	11106	12299	16848	29147	429	322	80	831	11106	16848	28784	1500	985	0	32.7
JUN	2012	600	234	128	10439	11401	16720	28121	270	231	51	553	10439	16720	27712	1500	841	0	34.4
JUL	2012	429	48	173	9318	9967	16459	26426	83	21	47	151	9318	16459	25928	1500	888	0	34.7
												* * * * C R E D I T A B L E S P A C E * * * *							
AUG	2012	363	27	177	9372	9940	16157	26096	363	27	177	567	9372	16157	26096	1500	811	0	34.4
SEP	2012	416	77	199	9888	10580	15794	26373	416	77	199	692	9888	15794	26373	2270	681	0	34.0
OCT	2012	498	146	206	10022	10872	15781	26653	498	146	206	851	10022	15781	26653	3040	465	0	33.8

December 24-Month Study
Date: December 6, 2010

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

Reservoir	Novemeber Inflow (unregulated) (acre-feet)	Percent of Average (%)	December 5 Midnight Elevation (feet)	Reservoir Storage (acre-feet)
Fontenelle	34,000	79	6489.77	247,000
Flaming Gorge	31,000	56	6023.85	3,127,000
Blue Mesa	27,000	86	7486.74	554,000
Navajo	17,000	50	6061.84	1,390,000
Powell	438,000	81	3629.59	14,807,000

Expected Operations

The operation of Lake Powell and Lake Mead in this December 2010 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines), and reflects the 2010 Annual Operating Plan (AOP) and draft 2011 AOP. Pursuant to the Interim Guidelines, the August 2010 24-Month Study projections of the January 1, 2011 system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2011.

The Lake Powell operational tier for water year 2011 is the Upper Elevation Balancing Tier. The Intentionally Created Surplus (ICS) Surplus condition is the criterion governing the operation of Lake Mead for calendar years 2010 and 2011.

Consistent with Section 6.B.4 of the Interim Guidelines, if the April 24-Month study projects the September 30 Lake Mead elevation to be below 1,075 feet and the September 30, Lake Powell elevation to be at or above 3,575 feet, the Secretary shall balance the contents of Mead and Powell but release not more than 9.0 maf. Consistent with this provision, the December 24-Month Study projects such an adjustment to occur in April, resulting in a water year release from Lake Powell of 9.0 maf.

Based on analysis of a range of inflow scenarios, the current probability of realizing an inflow volume that would trigger Equalization in 2011 is approximately 48 percent.

The Interim Guidelines are available for download at
http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The 2010 AOP is available for download at
http://www.usbr.gov/lc/region/g4000/AOP2010/AOP10.pdf.
The draft 2011 AOP is available for download at
http://www.usbr.gov/uc/water/rsvrs/ops/aop/AOP11_draft.pdf.

Fontenelle Reservoir – Inflows for the month of November were 34,000 acre-feet, or 79% of average. The reservoir elevation is 6490 feet above sea level and 66% of capacity. Current inflows are approximately 600cfs and reservoir releases are 900 cfs. Releases will likely be close to 900 cfs for the fall and winter months. The reservoir elevation will continue to decline through the fall and winter.

The Colorado Basin River Forecast Center forecast for water year 2011 (October 2010 to September 2011) shows inflows are expected to be 72% of average. Note that at this time of the year, there is considerable uncertainty in the water year forecast. Inflows over the next three months are forecasted to be below average: 27,000 acre-ft (81%), 24,000 acre-ft (77%), and 25,000 acre-ft (86%) for December, January, and February, respectively.

The next Fontenelle Working Group meeting is scheduled for April 21, 2011 at 10:00 am at the Seedskadee National Wildlife Refuge Visitor Center. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir.

Flaming Gorge Reservoir – November observed unregulated inflow into Flaming Gorge reservoir was 31,000 acre-feet (AF), or 56 percent of average inflow. The November end of month elevation was 6034.8 feet, which equates to 3.12 million acre-feet or 84 percent of live storage capacity. Releases out of Flaming Gorge are following a winter double peak fluctuation pattern with a daily average release rate of 1,150 cfs/day. It is anticipated that they will remain at this level until the end of January, when releases will be reduced to steady 800 cfs flows from the beginning of February until spring runoff occurs sometime in mid- to late-May 2011.

The next Flaming Gorge Working Group meeting is scheduled for April 26, 2011, at 7:00 p.m. in a location to be determined. The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stake holders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations and plans presented by Reclamation at these meetings. For more information on this group and these meetings please contact Ed Vidmar at 801-379-1182.

Aspinall Unit Reservoirs – November unregulated inflow into Blue Mesa Reservoir was 27,000 acre-feet or 86 percent of average. Precipitation during November was observed to be about 80 percent of average. The current inflow rate into Blue Mesa Reservoir is about 450 cfs while reservoir releases are averaging about 500 cfs. Blue Mesa's present elevation is 7486.74 feet, which corresponds to a storage content of about 556,000 acre-feet. The unregulated reservoir inflow into Blue Mesa Reservoir during water year 2009 was 725,000 acre-feet, or about 77 percent of average.

Releases from Crystal Dam are steady at about 500 cfs. This release rate is expected to stay at this level for the winter months. The Gunnison Diversion Tunnel was shut down for the season on November 1st, with exception of some small 50 to 80 cfs diversions taken bi-weekly for municipal water needs in Montrose, Colorado. River flows below the tunnel are essentially the same as releases from the Dam.

On December 1, 2010, the National Weather Service's River Forecasting Center issued its forecasted inflow into Blue Mesa for the next 3 months. The unregulated inflow forecast for December, January, and February is for 62,000 acre-feet, which is 87% of average for these months.

The next meeting of the "Aspinall Unit Working Group" will be held on Thursday January 20th in the Montrose, Colorado, starting at 1:00 PM. At this meeting, review of last summer and fall reservoir operations, and plans for this winter and next spring 2011 operations will be discussed. These meetings are open forum discussions on the Aspinall Unit reservoir operations with many interested groups participating. Anyone needing further information about these meetings should contact Dan Crabtree in the Grand Junction Area Office at (970) 248-0652.

Navajo Reservoir - As a result of forecasted cooler, wetter conditions in the San Juan River Basin, Reclamation decreased the release from Navajo Reservoir to 500 cfs on October 19, 2010. Reservoir releases are made for the authorized purposes of the Navajo Unit, and to attempt to maintain a target base flow through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell).

The San Juan River Basin Recovery Implementation Program recommends a target base flow of between 500 cfs and 1,000 cfs through the critical habitat area. The target base flow is calculated as the weekly average of gaged flows throughout the critical habitat area, therefore daily flows of less than 500 cfs may occur at some gages.

Pending significant changes in the weather and stream flow conditions, the reservoir release will likely remain at 500 cfs until next spring (2010).

Precipitation for the month of November in the San Juan River basin was about 60 percent of average. Unregulated inflow into Navajo Reservoir during the month of November was 17,200 acre-feet, or 50 percent of average. Currently, the daily reservoir inflow is averaging about 200 cfs. Diversions for NIIP have currently been shut down for

the winter. The reservoir water surface elevation is at 6061.84 feet, which corresponds to a storage content of about 1,371,000 acre-feet.

The next public meeting on Navajo Reservoir operations will be held on Tuesday, January 25, 2011 at 1:00 p.m. in Farmington, New Mexico. At this meeting, review of last summer and fall reservoir operations, and plans for this winter and spring 2011 operations will be discussed. These are open forum discussions on the operation of Navajo Reservoir with many interested groups participating. Anyone interested in the general operation of the reservoir is encouraged to attend. Please contact Pat Page in Reclamation's Durango, Colorado Office at (970) 385-6560 for information about these meetings or the daily operation of Navajo Reservoir.

Glen Canyon Dam / Lake Powell – During November 2010 the unregulated inflow to Lake Powell was 432 kaf (79% of average). This volume was about equal to the forecasted volume for November by the Colorado Basin River Forecast Center on November 1, 2010 which was 425 kaf (78% of average). Although the inflow to Lake Powell during November was near the level forecasted, the water surface elevation of Lake Powell at the end of November was 0.54 feet below what was projected in the November 24-Month Study. The November 24-Month Study projected that Lake Powell would end November at an elevation of 3630.85 feet above sea level. The elevation of Lake Powell at the end of the day on November 30, 2010 was 3630.31 feet above sea level. This 0.54 foot difference is equivalent to about 60,000 acre-feet of storage in Lake Powell. The end of month storage in Lake Powell for November 2010 was 14.888 maf which is 61.2% of the full capacity of 24.32 maf.

The release volume scheduled for December is 845 kaf which is equivalent to an average daily release rate of approximately 13,750 cfs. Daily fluctuations will likely peak near 16,000 cfs during the morning and afternoon and evening hours. Daily low releases will occur during the early morning hours (i.e. midnight to about 6:00 am) and will be about 8,500 cfs. The projected release volume for January is currently 865 kaf which is equivalent to an average daily release rate of approximately 14,050 cfs. The daily peak and low release rate in January will likely also range from 16,000 cfs to 8,500 cfs respectively.

In addition to the daily fluctuation pattern for power generation, the instantaneous releases from Glen Canyon Dam may also fluctuate somewhat to provide approximately 40 megawatts of system regulation. These instantaneous release adjustments maintain stable conditions within the electrical generation and transmission system and result in momentary release fluctuations within a range that is about 1100 cfs above or below the targeted release rate for a given hour of the day. These momentary fluctuations for regulation are very short lived and typically balance out over the hour. Spinning and non-spinning reserve generation is also maintained at Glen Canyon Dam. When an unanticipated electrical outage event occur within the electrical transmission system, this reserve generation at Glen Canyon Dam can be called upon up to a limit of 98 megawatts

(approximately 2,600 cfs of release) for a duration of up to 2 hours. Under normal circumstances, calls for reserve generation occur fairly infrequently and are for much less than the limit of 98 megawatts.

In August of 2010, the August 2010 24-Month Study Model was used to project the January 1, 2010 elevation of Lake Powell and Lake Mead under the most probable inflow scenario. Pursuant to the Interim Guidelines and based on this August projection, the operational tier for water year 2011 was selected to be the Upper Elevation Balancing Tier. Under the Upper Elevation Balancing Tier, there is a possibility that the annual release volume from Lake Powell could be 8.23 maf. There is also a possibility under this tier that Equalization or Balancing could occur in 2011 which would result in an annual release volume greater than 8.23 maf.

The possibility of Equalization or Balancing in 2011 is dependent on the end of water year 2011 reservoir conditions projected in the April 2011 24-Month Study under the most probable inflow scenario and with 8.23 maf projected for release from Lake Powell during water year 2011. For this reason it will not be known for certain whether Equalization or Balancing will occur in water year 2011 until April 2011. 24-Month Studies prior to April 2011 can project that Equalization or Balancing are likely to occur, but these projections are subject to change with changes in the forecasted hydrology of the Colorado River Basin. It is possible that a relatively small change in forecasted hydrology can have a large impact on the projected annual release volume.

The December 2010 24-Month Study with the most probable inflow and an 8.23 maf release does project that Balancing is likely to occur in 2011. For this reason, the projected most probable annual release volume for water year 2011 in the December 24-Month Study is 9.00 maf. Given the current range of uncertainty of the forecasted hydrology for water year 2011, it is possible that Equalization could occur in water year 2011 which would result if the annual release being greater than about 10.7 maf. Analysis of the probable range of inflows that could occur during water year 2011 indicate that the probability of Equalization occurring in 2011 is currently about 48%.

The current unregulated inflow forecast for Lake Powell projects the most probable unregulated inflow volumes for the next 3 months as follows: December-360 kaf (83% of average); January-350 kaf (86% of average); February-350 kaf (83% of average). The outlook for water year 2011, incorporating this new forecast, projects the most probable unregulated inflow volume to Lake Powell during water year 2011 to be 9.66 maf (80% of average). It is possible that the unregulated volume of inflow to Lake Powell in water year 2011 will be greater than or less than the most probable projection. The probable range of unregulated inflow volumes to Lake Powell during water year 2011 is currently projected to be as dry as 4.5 maf (37% of average) to as wet as 15.8 maf (131% of average).

Upper Colorado River Basin Hydrology

In the Upper Colorado River Basin during water year 2010, the overall precipitation accumulated through September 30, 2009 was approximately 90% of average based on the 30 year average for the period from 1971 through 2000. For Water Year 2010 thus far, the estimated monthly precipitation within the Upper Colorado River Basin (above Lake Powell) as a percentage of average has been: (October - 135%, November - 95%).

The Climate Prediction Center outlook (dated November 18, 2010) for temperature over the next 3 months indicates that temperatures in the Upper Colorado River Basin are expected to be above average while precipitation over the next 3 months is projected to be near average.

Upper Colorado River Basin Drought

The Upper Colorado River Basin continues to experience a protracted multi-year drought. Since 1999, inflow to Lake Powell has been below average in every year except water years 2005 and 2008. In the summer of 1999, Lake Powell was close to full with reservoir storage at 23.5 million acre-feet, or 97 percent of capacity. During the next 5 years (2000 through 2004) unregulated inflow to Lake Powell was well below average. This resulted in Lake Powell storage decreasing during this period to 8.0 million acre-feet (33 percent of capacity) which occurred on April 8, 2005. During 2005, 2008 and 2009, drought conditions eased somewhat with net gains in storage to Lake Powell. As of December 6, 2010 the storage in Lake Powell was approximately 14.79 million acre-feet (60.8 % of capacity) which is below desired levels. The overall reservoir storage in the Colorado River Basin as of December 6, 2010 is approximately 32.29 million acre-feet (54.3 % of capacity).

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-280
125 SOUTH STATE STREET, ROOM 6107
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-5571

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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:	Obs			nov	Forecast			Outlook	
:	aug	sep	oct	nov	%Avg	dec	jan	feb	apr-jul %Avg
GLDA3:Lake Powell	505	277	362	438	81%:	360/	350/	350/	/
GBRW4:Fontenelle	50	29	31	34	79%:	27/	24/	25/	/
GRNU1:Flaming Gorge	54	22	32	31	56%:	34/	31/	32/	/
BMDC2:Blue Mesa	56	23	29	27	86%:	23/	21/	18/	/
MPSC2:Morrow Point	56	23	30	29	86%:	25/	23/	21/	/
CLSC2:Crystal	61	26	34	32	81%:	29/	26/	25/	/
TPIC2:Taylor Park	9.6	6.3	6.6	4.6	92%:	4/	3.6/	3/	/
VCRC2:Vallecito	18.8	10.2	11.7	6.5	76%:	5/	4.2/	3.5/	/
NVRN5:Navajo	39	24	25	17.2	50%:	20/	19/	24/	/
LEMC2:Lemon	4.4	1.77	2.4	1.40	82%:	0.88/	0.75/	0.65/	/
MPHC2:McPhee	16.6	8.2	6.5	3.7	56%:	4/	3.5/	4/	/

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T E M R E S E R V O I R S

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Fontenelle Reservoir

		Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Dec 2009	31	1	0	70	71	6485.42	198
H	Jan 2010	28	1	38	30	69	6478.10	157
I	Feb 2010	23	0	55	0	55	6471.41	125
S	Mar 2010	43	0	56	0	56	6468.40	112
T	Apr 2010	63	1	47	1	48	6471.88	127
O	May 2010	40	1	49	0	49	6469.44	117
R	Jun 2010	251	2	50	1	51	6502.04	314
I	Jul 2010	134	3	91	22	113	6504.39	333
C	Aug 2010	50	2	68	0	68	6501.76	312
A	Sep 2010	29	2	26	35	61	6497.33	279
	WY 2010	781	14	530	233	763		
L	Oct 2010	31	1	5	55	59	6493.24	250
*	Nov 2010	34	1	53	1	54	6490.17	229
	Dec 2010	27	1	55	0	55	6485.76	201
	Jan 2011	24	1	55	0	55	6480.34	169
	Feb 2011	25	1	50	0	50	6475.34	143
	Mar 2011	41	0	55	0	55	6472.14	128
	Apr 2011	74	1	80	0	80	6470.55	121
	May 2011	131	1	98	1	98	6477.32	153
	Jun 2011	252	2	101	0	101	6500.36	302
	Jul 2011	147	3	101	4	105	6505.47	341
	Aug 2011	65	2	101	4	105	6500.10	300
	Sep 2011	47	2	37	27	65	6497.48	280
	WY 2011	898	15	791	91	883		
	Oct 2011	48	1	67	0	67	6494.66	260
	Nov 2011	41	1	65	0	65	6491.17	236
	Dec 2011	32	1	67	0	67	6485.74	201
	Jan 2012	30	1	67	0	67	6479.39	163
	Feb 2012	28	0	62	0	62	6472.16	129
	Mar 2012	52	0	67	0	67	6468.53	113
	Apr 2012	89	1	83	0	83	6469.84	118
	May 2012	176	1	86	0	86	6486.78	207
	Jun 2012	307	2	104	104	208	6500.62	304
	Jul 2012	185	3	100	44	144	6505.51	342
	Aug 2012	82	2	86	0	86	6504.74	336
	Sep 2012	48	2	62	0	62	6502.72	320
	WY 2012	1119	15	916	148	1065		
	Oct 2012	49	1	65	0	65	6500.48	303
	Nov 2012	41	1	62	0	62	6497.55	281

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T E M R E S E R V O I R S

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Flaming Gorge Reservoir

	Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Yampa Flow 1000 Ac-Ft	Jensen Flow 1000 Ac-Ft
* Dec 2009	19	59	2	107	1	108	131	6027.38	3249	0	504
H Jan 2010	27	68	2	109	0	109	129	6026.29	3208	0	669
I Feb 2010	29	61	2	87	0	87	128	6025.55	3181	0	111
S Mar 2010	69	81	3	60	0	60	129	6026.01	3198	0	118
T Apr 2010	96	81	5	49	0	49	130	6026.69	3223	206	240
O May 2010	72	81	8	101	0	101	129	6025.97	3196	507	551
R Jun 2010	387	187	10	138	0	138	130	6026.97	3234	619	745
I Jul 2010	151	130	13	96	0	96	131	6027.51	3254	78	195
C Aug 2010	54	72	12	100	0	100	129	6026.47	3215	24	138
A Sep 2010	22	54	10	106	0	106	127	6024.83	3154	13	130
WY 2010	1018	1000	79	1167	1	1169					3698
L Oct 2010	32	60	7	77	0	77	126	6024.21	3131	28	113
* Nov 2010	31	52	4	63	0	63	125	6023.83	3117	0	107
Dec 2010	34	62	2	68	0	68	125	6023.65	3111	0	68
Jan 2011	31	62	2	68	0	68	125	6023.46	3104	0	68
Feb 2011	32	57	2	46	0	46	125	6023.70	3112	0	46
Mar 2011	63	77	3	49	0	49	126	6024.36	3137	0	49
Apr 2011	101	107	5	48	0	48	128	6025.79	3189	0	48
May 2011	163	130	8	103	0	103	129	6026.30	3209	0	103
Jun 2011	293	142	10	188	0	188	127	6024.86	3155	0	188
Jul 2011	160	118	13	81	0	81	128	6025.48	3178	0	81
Aug 2011	72	112	12	81	0	81	129	6025.96	3196	0	81
Sep 2011	53	71	11	78	0	78	128	6025.49	3178	0	78
WY 2011	1065	1050	78	947	0	947					1028
Oct 2011	55	74	7	81	0	81	127	6025.15	3166	0	81
Nov 2011	49	72	3	78	0	78	127	6024.91	3157	0	78
Dec 2011	36	70	2	81	0	81	127	6024.61	3146	0	81
Jan 2012	41	77	2	81	0	81	126	6024.48	3141	0	81
Feb 2012	46	80	2	75	0	75	126	6024.56	3144	0	75
Mar 2012	104	119	3	81	0	81	128	6025.48	3178	0	81
Apr 2012	142	136	5	78	0	78	130	6026.86	3229	0	78
May 2012	265	175	8	105	0	105	132	6028.44	3289	0	105
Jun 2012	399	300	11	212	0	212	135	6030.38	3364	0	212
Jul 2012	218	178	14	135	0	135	136	6031.08	3391	0	135
Aug 2012	96	100	13	135	0	135	134	6029.89	3345	0	135
Sep 2012	58	72	11	131	0	131	132	6028.14	3278	0	131
WY 2012	1510	1455	80	1272	0	1272					1272
Oct 2012	59	75	7	135	0	135	129	6026.42	3213	0	135
Nov 2012	50	71	3	131	0	131	127	6024.79	3153	0	131

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T E M R E S E R V O I R S

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Taylor Park Reservoir

		Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Dec 2009	4	6	9309.18	69
H	Jan 2010	4	6	9307.90	67
I	Feb 2010	4	6	9306.55	65
S	Mar 2010	4	6	9305.31	63
T	Apr 2010	11	6	9308.40	67
O	May 2010	22	9	9316.36	80
R	Jun 2010	35	18	9325.55	97
I	Jul 2010	10	20	9320.19	87
C	Aug 2010	10	17	9316.06	80
A	Sep 2010	6	14	9311.57	72
	WY 2010	121	122		
L	Oct 2010	7	6	9312.21	73
*	Nov 2010	5	4	9312.27	74
	Dec 2010	4	6	9311.04	72
	Jan 2011	4	6	9309.54	69
	Feb 2011	3	6	9307.61	66
	Mar 2011	3	6	9305.63	63
	Apr 2011	7	6	9305.96	64
	May 2011	24	13	9312.94	75
	Jun 2011	37	20	9322.55	92
	Jul 2011	16	20	9320.39	88
	Aug 2011	8	13	9317.61	83
	Sep 2011	6	13	9313.54	76
	WY 2011	123	120		
	Oct 2011	6	10	9310.85	71
	Nov 2011	5	6	9310.02	70
	Dec 2011	4	6	9309.05	68
	Jan 2012	4	6	9307.90	67
	Feb 2012	4	6	9306.45	64
	Mar 2012	4	6	9305.28	63
	Apr 2012	8	8	9305.84	63
	May 2012	27	14	9314.13	77
	Jun 2012	43	20	9326.66	100
	Jul 2012	20	22	9325.85	98
	Aug 2012	10	22	9319.46	86
	Sep 2012	7	16	9314.30	77
	WY 2012	143	141		
	Oct 2012	6	10	9312.00	73
	Nov 2012	5	6	9311.33	72

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Blue Mesa Reservoir

	Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir elevation EOM Feet	Live Storage 1000 Ac-Ft
* Dec 2009	21	23	0	47	0	47	7489.73	579
H Jan 2010	22	24	0	43	0	43	7487.22	560
I Feb 2010	22	24	0	38	0	38	7485.33	546
S Mar 2010	29	30	0	33	0	33	7484.88	542
T Apr 2010	96	92	1	45	0	45	7490.80	588
O May 2010	143	131	1	110	6	116	7492.59	602
R Jun 2010	205	186	1	51	0	51	7508.76	735
I Jul 2010	50	60	1	98	0	98	7504.17	696
C Aug 2010	56	63	1	92	0	92	7500.54	666
A Sep 2010	23	31	1	86	0	86	7493.54	609
WY 2010	725	726	8	754	6	760		
L Oct 2010	29	29	1	85	0	85	7486.20	552
* Nov 2010	27	27	0	24	0	24	7486.60	555
Dec 2010	23	25	0	27	0	27	7486.31	553
Jan 2011	21	23	0	26	0	26	7485.95	550
Feb 2011	18	21	0	21	0	21	7485.92	550
Mar 2011	28	31	0	29	0	29	7486.13	552
Apr 2011	70	69	1	41	0	41	7489.75	579
May 2011	185	174	1	89	0	89	7500.24	663
Jun 2011	225	208	1	67	0	67	7516.40	802
Jul 2011	90	94	2	109	0	109	7514.55	786
Aug 2011	48	53	1	122	0	122	7506.50	716
Sep 2011	35	42	1	113	0	113	7497.85	644
WY 2011	799	796	9	753	0	753		
Oct 2011	35	39	1	58	0	58	7495.45	624
Nov 2011	30	31	0	28	0	28	7495.86	628
Dec 2011	25	27	0	73	0	73	7490.00	581
Jan 2012	24	26	0	79	0	79	7482.99	528
Feb 2012	22	24	0	56	0	56	7478.63	496
Mar 2012	34	36	0	36	0	36	7478.57	496
Apr 2012	73	72	1	48	0	48	7481.78	519
May 2012	212	199	1	110	0	110	7493.30	607
Jun 2012	271	248	1	62	0	62	7515.21	792
Jul 2012	121	122	2	110	0	110	7516.40	802
Aug 2012	62	74	1	122	0	122	7510.78	753
Sep 2012	36	45	1	113	0	113	7502.73	684
WY 2012	945	944	9	895	0	895		
Oct 2012	36	39	1	58	0	58	7500.42	665
Nov 2012	31	32	0	28	0	28	7500.83	668

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Morrow Point Reservoir

		Unreg Inflow 1000 Ac-Ft	Blue_Mesa Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Evap losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Dec 2009	22	47	1	48	0	47	0	47	7153.12	112
H	Jan 2010	24	43	2	45	0	47	0	47	7150.49	109
I	Feb 2010	22	38	1	38	0	41	0	41	7147.10	107
S	Mar 2010	29	33	1	34	0	34	0	34	7147.29	107
T	Apr 2010	107	45	11	57	0	55	0	55	7149.84	109
O	May 2010	159	116	16	132	0	129	0	129	7154.46	113
R	Jun 2010	216	51	12	63	0	64	0	64	7153.15	112
I	Jul 2010	51	98	1	98	0	96	0	96	7156.02	114
C	Aug 2010	56	92	1	93	0	93	0	93	7155.63	114
A	Sep 2010	23	86	0	87	0	92	0	92	7148.78	108
	WY 2010	773	760	48	807	1	805	0	805		
L	Oct 2010	30	85	1	86	0	82	0	82	7153.88	112
*	Nov 2010	29	24	1	25	0	26	0	26	7152.79	111
	Dec 2010	25	27	2	29	0	28	0	28	7153.73	112
	Jan 2011	23	26	2	28	0	28	0	28	7153.73	112
	Feb 2011	21	21	3	24	0	24	0	24	7153.73	112
	Mar 2011	31	29	3	32	0	32	0	32	7153.73	112
	Apr 2011	80	41	10	51	0	51	0	51	7153.73	112
	May 2011	205	89	20	109	0	109	0	109	7153.73	112
	Jun 2011	245	67	20	87	0	87	0	87	7153.73	112
	Jul 2011	95	109	5	114	0	114	0	114	7153.73	112
	Aug 2011	50	122	2	124	0	124	0	124	7153.73	112
	Sep 2011	37	113	2	115	0	115	0	115	7153.73	112
	WY 2011	871	753	71	825	0	821	0	821		
	Oct 2011	37	58	2	60	0	60	0	60	7153.73	112
	Nov 2011	32	28	2	30	0	30	0	30	7153.73	112
	Dec 2011	27	73	2	75	0	75	0	75	7153.73	112
	Jan 2012	26	79	2	81	0	81	0	81	7153.73	112
	Feb 2012	25	56	3	59	0	59	0	59	7153.73	112
	Mar 2012	38	36	4	40	0	40	0	40	7153.73	112
	Apr 2012	84	48	11	59	0	59	0	59	7153.73	112
	May 2012	237	110	25	135	0	135	0	135	7153.73	112
	Jun 2012	292	62	21	83	0	83	0	83	7153.73	112
	Jul 2012	127	110	7	117	0	117	0	117	7153.73	112
	Aug 2012	65	122	4	126	0	126	0	126	7153.73	112
	Sep 2012	39	113	3	116	0	116	0	116	7153.73	112
	WY 2012	1031	895	86	981	0	981	0	981		
	Oct 2012	38	58	3	61	0	61	0	61	7153.73	112
	Nov 2012	33	28	2	30	0	30	0	30	7153.73	112

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Crystal Reservoir

	unreg Inflow 1000 Ac-Ft	Morrow Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Tunnel Flow 1000 Ac-Ft	Below_tunnel Flow 1000 Ac-Ft
* Dec 2009	25	47	3	51	52	0	52	6743.59	14	1	53
H Jan 2010	26	47	3	50	49	0	49	6745.38	15	1	50
I Feb 2010	25	41	3	44	25	17	42	6751.67	17	1	43
S Mar 2010	33	34	4	38	38	0	38	6751.84	17	1	38
T Apr 2010	118	55	11	66	66	0	66	6750.96	16	34	34
O May 2010	179	129	20	148	108	39	148	6752.53	17	60	91
R Jun 2010	242	64	25	89	89	0	89	6752.91	17	56	39
I Jul 2010	55	96	4	100	100	0	100	6751.15	16	69	39
C Aug 2010	61	93	5	98	98	0	98	6749.05	16	68	37
A Sep 2010	26	92	3	95	95	0	95	6748.16	16	63	36
WY 2010	859	805	86	891	824	67	890			414	528
L Oct 2010	34	82	4	86	85	0	85	6750.41	16	51	33
* Nov 2010	32	26	4	30	30	0	30	6748.60	16	0	29
Dec 2010	29	28	4	32	31	0	31	6753.04	17	0	31
Jan 2011	26	28	3	31	31	0	31	6753.04	17	0	31
Feb 2011	25	24	4	28	28	0	28	6753.04	17	0	28
Mar 2011	35	32	4	36	36	0	36	6753.04	17	5	31
Apr 2011	92	51	12	63	63	0	63	6753.04	17	30	33
May 2011	230	109	25	134	134	0	134	6753.04	17	55	79
Jun 2011	275	87	30	117	117	0	117	6753.04	17	60	57
Jul 2011	105	114	10	124	124	0	124	6753.04	17	65	59
Aug 2011	56	124	6	130	130	0	130	6753.04	17	65	65
Sep 2011	43	115	6	121	121	0	121	6753.04	17	55	66
WY 2011	982	821	111	932	930	0	930			386	542
Oct 2011	43	60	6	66	66	0	66	6753.04	17	30	36
Nov 2011	37	30	5	35	35	0	35	6753.04	17	0	35
Dec 2011	32	75	5	80	80	0	80	6753.04	17	0	80
Jan 2012	31	81	5	86	86	0	86	6753.04	17	0	86
Feb 2012	29	59	4	63	63	0	63	6753.04	17	0	63
Mar 2012	46	40	7	47	47	0	47	6753.04	17	5	42
Apr 2012	96	59	12	71	71	0	71	6753.04	17	30	41
May 2012	272	135	35	170	134	36	170	6753.04	17	55	115
Jun 2012	330	83	38	122	122	0	122	6753.04	17	60	62
Jul 2012	144	117	17	134	134	0	134	6753.04	17	65	69
Aug 2012	74	126	8	134	134	0	134	6753.04	17	65	69
Sep 2012	45	116	6	122	122	0	122	6753.04	17	55	67
WY 2012	1181	981	150	1131	1095	36	1131			365	766
Oct 2012	44	61	6	67	67	0	67	6753.04	17	30	37
Nov 2012	38	30	5	35	35	0	35	6753.04	17	0	35

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Vallecito Reservoir

		Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Dec 2009	4	3	7630.60	46
H	Jan 2010	4	3	7631.27	47
I	Feb 2010	3	4	7630.95	46
S	Mar 2010	3	8	7628.45	42
T	Apr 2010	27	4	7640.13	65
O	May 2010	69	20	7660.32	113
R	Jun 2010	46	42	7661.51	116
I	Jul 2010	12	37	7651.21	90
C	Aug 2010	19	33	7645.00	75
A	Sep 2010	10	26	7637.70	59
	WY 2010	209	195		
L	Oct 2010	12	13	7636.95	58
*	Nov 2010	7	2	7639.20	63
	Dec 2010	5	2	7640.65	66
	Jan 2011	4	2	7641.71	68
	Feb 2011	3	2	7642.51	70
	Mar 2011	6	2	7644.29	74
	Apr 2011	19	10	7647.89	82
	May 2011	62	31	7660.16	113
	Jun 2011	75	62	7664.83	125
	Jul 2011	25	43	7657.79	106
	Aug 2011	17	39	7648.63	84
	Sep 2011	15	29	7641.99	69
	WY 2011	249	237		
	Oct 2011	12	20	7638.28	61
	Nov 2011	8	6	7639.19	63
	Dec 2011	6	5	7639.84	64
	Jan 2012	5	3	7640.79	66
	Feb 2012	5	3	7641.62	68
	Mar 2012	8	3	7643.80	73
	Apr 2012	22	10	7648.71	84
	May 2012	69	45	7658.36	108
	Jun 2012	78	60	7664.84	125
	Jul 2012	31	43	7660.05	112
	Aug 2012	19	39	7651.98	92
	Sep 2012	17	29	7646.76	79
	WY 2012	280	266		
	Oct 2012	14	13	7646.99	80
	Nov 2012	8	6	7647.98	82

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Navajo Reservoir

		Mod_Unreg Inflow 1000 Ac-Ft	Azetea Tunnel_Div 1000 Ac-Ft	Reg Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	NIIP Diversion 1000 ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Farm Flow 1000 Ac-Ft
*	Dec 2009	13	0	12	1	0	32	6051.61	1245	48
H	Jan 2010	15	0	14	1	0	32	6050.04	1226	49
I	Feb 2010	16	0	16	1	0	27	6049.04	1214	43
S	Mar 2010	64	1	68	1	3	31	6051.78	1247	52
T	Apr 2010	222	22	179	2	12	28	6062.79	1384	75
O	May 2010	264	35	182	4	26	30	6071.80	1506	126
R	Jun 2010	152	27	116	5	40	33	6074.50	1544	118
I	Jul 2010	15	2	39	5	47	58	6069.52	1474	72
C	Aug 2010	39	2	52	4	35	41	6067.48	1446	69
A	Sep 2010	24	1	39	3	25	45	6064.97	1412	57
	WY 2010	855	89	753	29	202	423			801
L	Oct 2010	25	0	27	2	8	36	6063.49	1393	46
*	Nov 2010	17	0	12	1	1	29	6062.08	1374	46
	Dec 2010	20	0	17	1	0	32	6060.82	1358	32
	Jan 2011	19	0	17	1	0	32	6059.58	1343	32
	Feb 2011	24	0	22	1	0	27	6059.14	1337	27
	Mar 2011	77	1	72	2	4	31	6061.93	1372	31
	Apr 2011	140	16	115	3	17	30	6066.95	1439	30
	May 2011	260	35	194	4	29	85	6072.45	1515	85
	Jun 2011	240	27	200	5	44	147	6072.78	1520	147
	Jul 2011	45	4	59	5	47	37	6070.72	1491	37
	Aug 2011	26	2	47	4	39	42	6067.92	1452	42
	Sep 2011	34	1	48	3	22	36	6066.94	1439	36
	WY 2011	927	86	829	29	211	563			590
	Oct 2011	35	0	43	2	8	31	6067.11	1441	31
	Nov 2011	31	0	29	1	0	30	6066.97	1439	30
	Dec 2011	24	0	22	1	0	31	6066.30	1430	31
	Jan 2012	22	0	20	1	0	31	6065.42	1418	31
	Feb 2012	30	0	29	1	0	28	6065.40	1418	28
	Mar 2012	88	1	83	2	4	50	6067.43	1445	50
	Apr 2012	174	16	146	3	17	60	6072.28	1512	60
	May 2012	279	35	219	4	29	200	6071.29	1499	200
	Jun 2012	246	27	201	5	44	212	6066.99	1439	212
	Jul 2012	74	4	82	5	47	37	6066.56	1434	37
	Aug 2012	43	2	62	4	39	42	6064.79	1410	42
	Sep 2012	42	1	54	3	22	36	6064.21	1402	36
	WY 2012	1089	85	989	29	210	786			786
	Oct 2012	40	0	40	2	8	31	6064.16	1402	31
	Nov 2012	33	0	31	1	0	30	6064.14	1401	30

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Lake Powell

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	PowerPlant Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Bank Storage 1000 Ac-Ft	EOM Storage 1000 Ac-Ft	Lees Ferry 1000 Ac-Ft
*	Dec 2009	308	437	30	901	0	901	3626.22	18066	14434	925
H	Jan 2010	302	425	9	900	0	900	3622.14	18023	13991	925
I	Feb 2010	294	384	10	631	0	631	3620.16	17978	13780	644
S	Mar 2010	477	474	17	602	0	602	3619.41	17912	13701	612
T	Apr 2010	944	717	26	602	0	602	3620.50	17886	13816	614
O	May 2010	1399	1224	32	601	0	601	3625.96	17887	14405	612
R	Jun 2010	2776	2321	53	601	0	601	3638.82	18096	15864	612
I	Jul 2010	674	706	65	802	0	802	3636.52	18203	15596	824
C	Aug 2010	504	608	64	802	0	802	3634.55	18172	15369	826
A	Sep 2010	277	461	58	480	0	480	3633.66	18197	15267	490
	WY 2010	8737	8777	444	8234	0	8235				8419
L	Oct 2010	362	512	41	495	0	495	3634.08	18125	15315	502
*	Nov 2010	438	474	39	810	0	810	3630.31	18178	14888	826
	Dec 2010	360	408	30	845	0	845	3626.41	18143	14455	845
	Jan 2011	350	404	9	865	0	865	3622.41	18108	14020	865
	Feb 2011	350	370	10	820	0	820	3618.40	18074	13594	820
	Mar 2011	550	496	16	805	0	805	3615.51	18050	13293	805
	Apr 2011	850	690	25	716	0	716	3615.05	18046	13245	716
	May 2011	1900	1633	31	710	0	710	3622.89	18112	14071	710
	Jun 2011	2500	2215	51	738	0	738	3634.75	18218	15391	738
	Jul 2011	1050	1032	64	845	0	845	3635.74	18227	15505	845
	Aug 2011	500	639	64	875	0	875	3633.32	18205	15228	875
	Sep 2011	450	578	58	476	0	476	3633.68	18208	15269	476
	WY 2011	9660	9451	438	9000	0	9000				9023
	Oct 2011	507	559	41	492	0	492	3633.89	18210	15293	492
	Nov 2011	520	546	39	800	0	800	3631.50	18188	15022	800
	Dec 2011	414	513	30	950	0	950	3627.63	18154	14589	950
	Jan 2012	384	487	9	950	0	950	3623.63	18119	14152	950
	Feb 2012	398	459	10	900	0	900	3619.73	18085	13734	900
	Mar 2012	628	573	16	900	0	900	3616.69	18060	13416	900
	Apr 2012	950	780	25	1050	0	1050	3614.05	18038	13142	1050
	May 2012	2161	1884	31	1125	0	1125	3620.51	18092	13817	1125
	Jun 2012	2811	2452	50	1165	0	1165	3630.97	18184	14962	1165
	Jul 2012	1346	1265	62	1225	0	1225	3630.79	18182	14942	1225
	Aug 2012	566	706	61	1194	0	1194	3626.22	18141	14433	1194
	Sep 2012	460	626	55	714	0	714	3625.00	18131	14300	714
	WY 2012	11144	10848	429	11465	0	11465				11465
	Oct 2012	514	611	38	738	0	738	3623.59	18118	14147	738
	Nov 2012	523	598	36	800	0	800	3621.54	18101	13927	800

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Hoover Dam - Lake Mead

		Glen Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	SNWP Use 1000 Ac-Ft	Dwnstrm Reqmnts 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
*	Dec 2009	901	51	39	646	10.5	9	629	726	1096.30	11162
H	Jan 2010	900	124	32	634	10.3	6	578	747	1100.02	11493
I	Feb 2010	631	112	30	400	7.2	6	399	766	1103.21	11780
S	Mar 2010	602	87	33	889	14.5	12	868	751	1100.66	11550
T	Apr 2010	602	138	41	933	15.7	19	856	735	1098.00	11313
O	May 2010	601	87	47	961	15.6	28	933	714	1094.30	10987
R	Jun 2010	601	30	55	1007	16.9	27	1006	686	1089.30	10556
I	Jul 2010	802	29	68	941	15.3	33	937	673	1086.97	10357
C	Aug 2010	802	126	72	829	13.5	33	823	673	1086.91	10352
A	Sep 2010	480	82	59	758	12.7	23	755	656	1083.81	10092
	WY 2010	8235	928	564	9260		235	9039			
L	Oct 2010	495	80	42	638	10.4	24	607	648	1082.36	9971
*	Nov 2010	810	13	42	800	13.4	17	794	646	1081.94	9936
	Dec 2010	845	57	37	641	10.4	7	641	659	1084.39	10140
	Jan 2011	865	135	30	692	11.3	20	692	675	1087.26	10382
	Feb 2011	820	135	28	619	11.1	18	619	693	1090.46	10655
	Mar 2011	805	101	32	1010	16.4	24	1010	683	1088.70	10505
	Apr 2011	716	71	39	1127	18.9	20	1127	658	1084.27	10130
	May 2011	710	73	44	1006	16.4	31	1006	640	1080.91	9851
	Jun 2011	738	28	53	883	14.8	26	883	628	1078.67	9667
	Jul 2011	845	61	65	894	14.5	28	894	623	1077.73	9590
	Aug 2011	875	106	69	778	12.7	31	778	630	1078.91	9686
	Sep 2011	476	71	57	660	11.1	22	660	618	1076.68	9505
	WY 2011	9000	930	539	9747		269	9710			
	Oct 2011	492	55	41	488	7.9	26	488	617	1076.58	9497
	Nov 2011	800	54	41	615	10.3	25	615	628	1078.57	9658
	Dec 2011	950	57	36	590	9.6	21	590	650	1082.67	9997
	Jan 2012	950	135	30	684	11.1	20	684	671	1086.61	10327
	Feb 2012	900	135	28	669	11.6	21	669	691	1090.10	10624
	Mar 2012	900	101	32	1004	16.3	28	1004	687	1089.41	10565
	Apr 2012	1050	71	39	1139	19.1	22	1139	679	1087.99	10444
	May 2012	1125	73	45	985	16.0	32	985	687	1089.49	10572
	Jun 2012	1165	28	55	841	14.1	29	841	703	1092.25	10809
	Jul 2012	1225	61	70	888	14.4	31	888	721	1095.45	11087
	Aug 2012	1194	106	75	811	13.2	32	811	744	1099.46	11442
	Sep 2012	714	71	63	681	11.4	27	681	745	1099.60	11455
	WY 2012	11465	946	556	9395		316	9395			
	Oct 2012	738	55	46	465	7.6	39	465	759	1102.14	11684
	Nov 2012	800	54	46	575	9.7	28	575	772	1104.26	11876

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Davis Dam - Lake Mohave

	Hoover Release 1000 Ac-Ft	Side inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Spill Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
* Dec 2009	646	-24	9	532	0	532	8.7	638.68	1582
H Jan 2010	634	-15	10	456	0	456	7.4	644.34	1736
I Feb 2010	400	-4	10	442	0	442	8.0	642.31	1680
S Mar 2010	889	-18	13	862	0	862	14.0	642.17	1676
T Apr 2010	933	-17	17	878	0	878	14.8	642.94	1697
O May 2010	961	-19	22	937	0	937	15.2	642.30	1680
R Jun 2010	1007	-23	25	912	0	912	15.3	643.98	1726
I Jul 2010	941	-14	26	913	0	913	14.8	643.57	1714
C Aug 2010	829	-12	23	838	0	838	13.6	641.95	1670
A Sep 2010	758	-2	18	833	0	833	14.0	638.40	1575
WY 2010	9260	-172	197	8816	0	8816			
L Oct 2010	638	6	15	766	0	766	12.5	633.10	1437
* Nov 2010	800	-29	10	631	0	631	10.6	638.09	1567
Dec 2010	641	-12	9	604	0	604	9.8	638.70	1583
Jan 2011	692	-13	10	580	0	580	9.4	642.00	1671
Feb 2011	619	-5	10	604	0	604	10.9	642.00	1671
Mar 2011	1010	-14	13	954	0	954	15.5	643.05	1700
Apr 2011	1127	-15	17	1097	0	1097	18.4	643.00	1699
May 2011	1006	-10	22	974	0	974	15.8	643.00	1699
Jun 2011	883	-2	25	882	0	882	14.8	642.00	1671
Jul 2011	894	3	25	885	0	885	14.4	641.50	1658
Aug 2011	778	-3	23	752	0	752	12.2	641.50	1658
Sep 2011	660	1	18	737	0	737	12.4	638.00	1564
WY 2011	9747	-93	197	9467	0	9467			
Oct 2011	488	5	15	608	0	608	9.9	633.00	1434
Nov 2011	615	-9	10	544	0	544	9.1	635.00	1486
Dec 2011	590	-12	9	471	0	471	7.7	638.71	1583
Jan 2012	684	-13	10	577	0	577	9.4	641.80	1666
Feb 2012	669	-5	10	655	0	655	11.4	641.80	1666
Mar 2012	1004	-14	13	943	0	943	15.3	643.05	1700
Apr 2012	1139	-15	17	1108	0	1108	18.6	643.00	1699
May 2012	985	-10	22	953	0	953	15.5	643.00	1699
Jun 2012	841	-2	25	841	0	841	14.1	642.00	1671
Jul 2012	888	3	25	880	0	880	14.3	641.50	1658
Aug 2012	811	-3	23	785	0	785	12.8	641.50	1658
Sep 2012	681	1	18	758	0	758	12.7	638.00	1564
WY 2012	9395	-73	197	9124	0	9124			
Oct 2012	465	5	15	585	0	585	9.5	633.00	1434
Nov 2012	575	-9	10	504	0	504	8.5	635.00	1486

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Parker Dam - Lake Havasu

	Davis Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	MWD Diversion 1000 Ac-Ft	CAP diversion 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft	Flow_to Mexico 1000 Ac-Ft	Flow_to Mexico 1000 CFS
* Dec 2009	532	28	7	301	4.9	104	149	447.34	568	135	2.2
H Jan 2010	456	41	6	233	3.8	99	126	448.89	597	174	2.8
I Feb 2010	442	10	8	331	6.0	66	91	446.29	548	141	2.5
S Mar 2010	862	55	9	668	10.9	90	128	447.15	564	233	3.8
T Apr 2010	878	34	11	670	11.3	43	153	448.61	592	210	3.5
O May 2010	937	24	13	662	10.8	102	172	448.83	596	114	1.9
R Jun 2010	912	23	16	650	10.9	91	171	448.64	592	113	1.9
I Jul 2010	913	17	17	743	12.1	107	50	448.61	592	126	2.1
C Aug 2010	838	21	17	646	10.5	108	84	448.20	584	101	1.6
A Sep 2010	833	17	15	583	9.8	98	171	446.95	560	93	1.6
WY 2010	8816	318	140	6300		1043	1572			1618	
L Oct 2010	766	25	12	465	7.6	102	166	449.14	602	106	1.7
* Nov 2010	631	38	9	428	7.2	98	159	447.59	572	115	1.9
Dec 2010	604	20	7	341	5.5	99	184	447.00	561	118	1.9
Jan 2011	580	34	6	363	5.9	99	141	447.00	561	122	2.0
Feb 2011	604	40	8	452	8.1	31	157	446.50	552	153	2.8
Mar 2011	954	45	9	708	11.5	97	174	446.70	555	208	3.4
Apr 2011	1097	15	11	793	13.3	94	167	448.70	593	200	3.4
May 2011	974	11	13	704	11.5	97	159	448.70	593	111	1.8
Jun 2011	882	7	16	675	11.3	94	91	448.70	593	112	1.9
Jul 2011	885	14	17	733	11.9	75	74	448.00	580	118	1.9
Aug 2011	752	20	17	618	10.1	65	69	447.50	571	92	1.5
Sep 2011	737	13	15	526	8.8	64	149	446.81	557	89	1.5
WY 2011	9467	281	140	6806		1016	1690			1545	
Oct 2011	608	20	12	438	7.1	65	114	446.31	548	72	1.2
Nov 2011	544	22	8	372	6.2	64	112	446.50	552	105	1.8
Dec 2011	471	20	6	287	4.7	68	126	446.50	552	118	1.9
Jan 2012	577	34	6	347	5.6	88	165	446.50	552	122	2.0
Feb 2012	655	40	8	444	7.7	80	156	446.50	552	153	2.7
Mar 2012	943	45	9	704	11.4	88	174	446.70	555	208	3.4
Apr 2012	1108	15	11	813	13.7	86	166	448.70	593	200	3.4
May 2012	953	11	13	692	11.3	89	159	448.70	593	111	1.8
Jun 2012	841	7	16	641	10.8	86	90	448.70	593	112	1.9
Jul 2012	880	14	17	715	11.6	88	72	448.00	580	118	1.9
Aug 2012	785	20	17	628	10.2	88	68	447.50	571	92	1.5
Sep 2012	758	13	15	548	9.2	64	148	446.81	557	89	1.5
WY 2012	9124	260	139	6628		957	1551			1500	
Oct 2012	585	20	12	455	7.4	27	113	446.31	548	72	1.2
Nov 2012	504	22	8	371	6.2	26	111	446.50	552	105	1.8

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Hoover Dam - Lake Mead

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Hoover Static Head Feet	Hoover Generator Capacity MW	Hoover Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Dec 2009	646	10.5	1096.30	11162	243	451.68	1037.0	248.8	63	385.3
H	Jan 2010	634	10.3	1100.02	11493	330	452.24	1050.0	248.9	63	392.4
I	Feb 2010	400	7.2	1103.21	11780	288	456.23	1044.0	152.7	63	381.5
S	Mar 2010	889	14.5	1100.66	11550	-230	452.57	1272.0	353.9	75	398.0
T	Apr 2010	933	15.7	1098.00	11313	-237	451.78	1392.0	370.4	82	397.0
O	May 2010	961	15.6	1094.30	10987	-326	449.26	1371.0	378.0	82	393.4
R	Jun 2010	1007	16.9	1089.30	10556	-431	442.32	1556.0	390.5	94	387.7
I	Jul 2010	941	15.3	1086.97	10357	-198	441.50	1640.0	360.3	100	382.9
C	Aug 2010	829	13.5	1086.91	10352	-5	443.45	1617.0	313.3	100	378.0
A	Sep 2010	758	12.7	1083.81	10092	-261	439.46	1617.0	285.1	100	375.9
	WY 2010	9260							3589.4		
L	Oct 2010	638	10.4	1082.36	9971	-121	440.25	1104.0	241.3	68	378.5
*	Nov 2010	800	13.4	1081.94	9936	-35	437.87	1185.0	305.1	74	381.4
	Dec 2010	641	10.4	1084.39	10140	204	434.02	1388.0	249.2	87	388.6
	Jan 2011	692	11.3	1087.26	10382	242	436.09	1305.0	269.2	81	389.1
	Feb 2011	619	11.1	1090.46	10655	272	437.31	1428.0	240.2	87	388.4
	Mar 2011	1010	16.4	1088.70	10505	-150	438.27	1330.0	399.3	82	395.4
	Apr 2011	1127	18.9	1084.27	10130	-375	433.87	1458.0	447.3	91	396.8
	May 2011	1006	16.4	1080.91	9851	-279	429.09	1579.0	384.7	100	382.5
	Jun 2011	883	14.8	1078.67	9667	-184	426.64	1566.0	337.7	100	382.5
	Jul 2011	894	14.5	1077.73	9590	-77	425.55	1561.0	340.3	100	380.6
	Aug 2011	778	12.7	1078.91	9686	96	425.83	1567.0	298.3	100	383.3
	Sep 2011	660	11.1	1076.68	9505	-181	426.45	1555.0	249.3	100	377.6
	WY 2011	9747							3761.7		
	Oct 2011	488	7.9	1076.58	9497	-8	428.76	1358.0	187.0	87	383.3
	Nov 2011	615	10.3	1078.57	9658	161	434.06	970.0	241.7	62	392.9
	Dec 2011	590	9.6	1082.67	9997	338	433.19	1284.0	227.0	81	384.7
	Jan 2012	684	11.1	1086.61	10327	330	435.70	1194.0	266.3	74	389.5
	Feb 2012	669	11.6	1090.10	10624	297	437.54	1335.0	262.3	82	391.9
	Mar 2012	1004	16.3	1089.41	10565	-59	438.60	1320.0	397.0	81	395.6
	Apr 2012	1139	19.1	1087.99	10444	-121	437.15	1314.0	459.3	81	403.4
	May 2012	985	16.0	1089.49	10572	128	435.18	1620.0	380.8	100	386.6
	Jun 2012	841	14.1	1092.25	10809	237	437.62	1620.0	335.1	100	398.3
	Jul 2012	888	14.4	1095.45	11087	279	441.07	1620.0	357.3	100	402.2
	Aug 2012	811	13.2	1099.46	11442	355	444.81	1620.0	325.4	100	401.3
	Sep 2012	681	11.4	1099.60	11455	13	448.01	1620.0	270.2	100	396.7
	WY 2012	9395							3709.4		
	Oct 2012	465	7.6	1102.14	11684	228	452.84	1415.7	185.3	87	398.7
	Nov 2012	575	9.7	1104.26	11876	192	459.57	1003.4	235.3	62	409.4

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Davis Dam - Lake Mohave

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Davis Static Head Feet	Davis Generator Capacity MW	Davis Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Dec 2009	532	8.7	638.68	1582	81	139.08	188.7	65.9	74	123.8
H	Jan 2010	456	7.4	644.34	1736	153	144.98	204.0	57.9	80	127.1
I	Feb 2010	442	8.0	642.31	1680	-56	138.83	216.8	56.9	85	128.6
S	Mar 2010	862	14.0	642.17	1676	-4	138.67	249.9	109.8	98	127.5
T	Apr 2010	878	14.8	642.94	1697	21	141.04	255.0	111.0	100	126.4
O	May 2010	937	15.2	642.30	1680	-17	140.64	255.0	118.5	100	126.4
R	Jun 2010	912	15.3	643.98	1726	46	140.66	255.0	115.5	100	126.6
I	Jul 2010	913	14.8	643.57	1714	-11	141.98	242.2	115.3	95	126.4
C	Aug 2010	838	13.6	641.95	1670	-44	140.67	255.0	105.9	100	126.4
A	Sep 2010	833	14.0	638.40	1575	-95	137.24	255.0	102.6	100	123.1
	WY 2010	8816							1104.5		
L	Oct 2010	766	12.5	633.10	1437	-138	129.52	209.1	92.1	82	120.2
*	Nov 2010	631	10.6	638.09	1567	130	137.83	153.0	77.2	60	122.5
	Dec 2010	604	9.8	638.70	1583	16	134.12	160.7	74.2	63	122.9
	Jan 2011	580	9.4	642.00	1671	89	136.41	153.0	72.4	60	124.8
	Feb 2011	604	10.9	642.00	1671	0	137.97	155.5	76.0	61	125.8
	Mar 2011	954	15.5	643.05	1700	29	136.89	206.6	119.0	81	124.7
	Apr 2011	1097	18.4	643.00	1699	-2	137.46	204.0	136.3	80	124.3
	May 2011	974	15.8	643.00	1699	0	136.04	255.0	121.8	100	125.0
	Jun 2011	882	14.8	642.00	1671	-27	135.51	255.0	110.2	100	124.9
	Jul 2011	885	14.4	641.50	1658	-14	134.73	255.0	110.1	100	124.3
	Aug 2011	752	12.2	641.50	1658	0	134.46	255.0	93.9	100	124.8
	Sep 2011	737	12.4	638.00	1564	-94	132.62	255.0	90.8	100	123.2
	WY 2011	9467							1174.0		
	Oct 2011	608	9.9	633.00	1434	-130	128.65	237.2	73.2	93	120.3
	Nov 2011	544	9.1	635.00	1486	51	127.14	234.6	64.9	92	119.2
	Dec 2011	471	7.7	638.71	1583	97	130.00	239.7	57.7	94	122.4
	Jan 2012	577	9.4	641.80	1666	83	134.16	219.3	72.0	86	124.7
	Feb 2012	655	11.4	641.80	1666	0	135.05	244.8	82.1	96	125.4
	Mar 2012	943	15.3	643.05	1700	34	135.44	255.0	117.5	100	124.7
	Apr 2012	1108	18.6	643.00	1699	-2	136.07	255.0	137.7	100	124.2
	May 2012	953	15.5	643.00	1699	0	136.04	255.0	119.3	100	125.1
	Jun 2012	841	14.1	642.00	1671	-27	135.51	255.0	105.2	100	125.1
	Jul 2012	880	14.3	641.50	1658	-14	134.73	255.0	109.4	100	124.4
	Aug 2012	785	12.8	641.50	1658	0	134.46	255.0	97.9	100	124.7
	Sep 2012	758	12.7	638.00	1564	-94	132.62	255.0	93.3	100	123.1
	WY 2012	9124							1130.1		
	Oct 2012	585	9.5	633.00	1434	-130	128.65	237.2	70.5	93	120.4
	Nov 2012	504	8.5	635.00	1486	51	127.14	234.6	60.2	92	119.5

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Parker Dam - Lake Havasu

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Parker Static Head Feet	Parker Generator Capacity MW	Parker Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Dec 2009	299	4.9	447.34	568	-5	81.50	76.8	20.2	64	67.4
H	Jan 2010	233	3.8	448.89	597	29	82.98	66.0	15.6	55	66.8
I	Feb 2010	331	6.0	446.29	548	-49	78.17	90.0	22.8	75	68.8
S	Mar 2010	668	10.9	447.15	564	16	81.28	90.0	45.4	75	67.9
T	Apr 2010	670	11.3	448.61	592	28	81.42	90.0	46.8	75	69.8
O	May 2010	662	10.8	448.83	596	4	81.45	115.2	46.0	96	69.6
R	Jun 2010	650	10.9	448.64	592	-4	80.58	120.0	46.4	100	71.3
I	Jul 2010	743	12.1	448.61	592	-1	82.51	120.0	50.9	100	68.4
C	Aug 2010	646	10.5	448.20	584	-8	81.98	120.0	44.7	100	69.2
A	Sep 2010	583	9.8	446.95	560	-24	80.89	103.2	41.6	86	71.4
	WY 2010	6298							436.8		
L	Oct 2010	465	7.6	449.14	602	42	82.79	90.0	31.4	75	67.4
*	Nov 2010	428	7.2	447.59	572	-30	79.41	91.2	30.4	76	71.1
	Dec 2010	341	5.5	447.00	561	-11	75.37	104.4	21.8	87	64.0
	Jan 2011	363	5.9	447.00	561	-0	75.56	94.8	23.4	79	64.5
	Feb 2011	452	8.1	446.50	552	-9	74.96	102.0	29.4	85	65.1
	Mar 2011	708	11.5	446.70	555	4	74.01	120.0	46.0	100	64.9
	Apr 2011	793	13.3	448.70	593	38	75.08	120.0	52.4	100	66.0
	May 2011	704	11.5	448.70	593	0	76.05	120.0	46.8	100	66.5
	Jun 2011	675	11.3	448.70	593	0	76.05	120.0	44.8	100	66.5
	Jul 2011	733	11.9	448.00	580	-13	75.71	120.0	48.6	100	66.3
	Aug 2011	618	10.1	447.50	571	-10	75.13	120.0	40.5	100	65.5
	Sep 2011	526	8.8	446.81	557	-13	74.55	120.0	34.1	100	64.8
	WY 2011	6806							449.6		
	Oct 2011	438	7.1	446.31	548	-9	74.77	102.0	28.3	85	64.5
	Nov 2011	372	6.2	446.50	552	3	74.62	102.0	23.8	85	64.0
	Dec 2011	287	4.7	446.50	552	0	74.71	102.0	18.0	85	62.9
	Jan 2012	347	5.6	446.50	552	0	74.71	102.0	22.1	85	63.7
	Feb 2012	444	7.7	446.50	552	0	73.92	120.0	28.5	100	64.0
	Mar 2012	704	11.4	446.70	555	4	74.01	120.0	45.7	100	64.9
	Apr 2012	813	13.7	448.70	593	38	75.08	120.0	53.7	100	66.1
	May 2012	692	11.3	448.70	593	0	76.05	120.0	46.0	100	66.4
	Jun 2012	641	10.8	448.70	593	0	76.05	120.0	42.5	100	66.4
	Jul 2012	715	11.6	448.00	580	-13	75.71	120.0	47.3	100	66.3
	Aug 2012	628	10.2	447.50	571	-10	75.13	120.0	41.2	100	65.6
	Sep 2012	548	9.2	446.81	557	-13	74.55	120.0	35.6	100	64.9
	WY 2012	6628							432.7		
	Oct 2012	455	7.4	446.31	548	-9	74.77	102.0	29.4	85	64.7
	Nov 2012	371	6.2	446.50	552	3	74.62	102.0	23.7	85	64.0

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T Y M R E S E R V O I R S

Bureau of Reclamation - CRFS 12/2010 Most Prob Water Supply 06-dec-2010 16:29:51

Upper Basin Power

		Glen Canyon 1000 MWHR	Flam Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Res 1000 MWHR	Font Res 1000 MWHR
*	Dec 2009	403	42	13	17	9	0
H	Jan 2010	401	43	12	16	8	3
I	Feb 2010	279	34	11	14	4	3
S	Mar 2010	269	23	9	11	6	3
	Winter 2010	1953	194	80	101	50	18
T	Apr 2010	265	19	13	19	13	3
O	May 2010	267	39	31	45	21	3
R	Jun 2010	272	54	15	22	18	4
I	Jul 2010	368	38	30	34	20	8
C	Aug 2010	366	40	27	33	19	6
A	Sep 2010	217	42	25	32	19	2
	Summer 2010	1755	231	142	186	109	25
L	Oct 2010	226	30	24	29	16	0
*	Nov 2010	369	24	7	9	4	4
	Dec 2010	353	25	8	10	5	5
	Jan 2011	359	25	8	10	5	4
	Feb 2011	338	17	6	9	5	4
	Mar 2011	330	18	8	12	6	4
	Winter 2011	1975	138	61	78	42	21
	Apr 2011	293	17	12	18	11	5
	May 2011	291	38	27	39	23	7
	Jun 2011	309	68	21	31	20	8
	Jul 2011	358	29	34	41	21	10
	Aug 2011	370	29	38	45	22	10
	Sep 2011	201	28	34	41	21	3
	Summer 2011	1821	210	166	216	119	43
	Oct 2011	208	29	17	22	11	6
	Nov 2011	337	28	8	11	6	6
	Dec 2011	398	29	22	27	14	5
	Jan 2012	395	29	23	29	15	5
	Feb 2012	371	27	16	21	11	4
	Mar 2012	368	29	10	14	8	4
	Winter 2012	2076	173	97	124	65	31
	Apr 2012	427	28	14	21	12	5
	May 2012	460	38	32	49	23	6
	Jun 2012	484	78	19	30	21	9
	Jul 2012	514	50	35	42	23	10
	Aug 2012	499	50	38	45	23	8
	Sep 2012	297	48	35	42	21	6
	Summer 2012	2680	292	173	229	124	44
	Oct 2012	306	49	18	22	12	6
	Nov 2012	330	48	8	11	6	6

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model_run_id = 2082

F L O O D C O N T R O L C R I T E R I A
B E G I N N I N G O F M O N T H C O N D I T I O N S

MON	YEAR	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	LAKE POWELL KAF	UPPER BASIN TOTAL KAF	LAKE MEAD KAF	TOTAL KAF	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	TOT OR MAX ALLOW KAF	LAKE POWELL KAF	LAKE MEAD KAF	TOTAL KAF	BOM SPACE REQD KAF	MEAD SCHED REL KAF	MEAD FC REL KAF	SYS CONT MAF
		* * * * P R E D I C T E D S P A C E * * * *										* * * * C R E D I T A B L E S P A C E * * * *							
DEC	2010	748	274	322	9434	10778	17441	28219	748	274	322	1343	9434	17441	28219	4580	641	0	32.2
JAN	2011	783	276	338	9867	11264	17237	28501	783	276	338	1397	9867	17237	28501	5350	692	0	32.0
												* * * * E F F E C T I V E S P A C E * * * *							
JAN	2011	783	276	338	9867	11264	17237	28501	262	255	291	807	9867	17237	27911	5350	692	0	32.0
FEB	2011	821	279	353	10302	11756	16995	28751	298	260	306	864	10302	16995	28161	1500	619	0	31.8
MAR	2011	838	279	359	10728	12205	16722	28927	312	263	311	885	10728	16722	28336	1500	1010	0	31.4
APR	2011	829	278	324	11029	12459	16872	29332	298	264	269	831	11029	16872	28733	1500	1127	0	31.2
MAY	2011	783	250	257	11077	12367	17247	29614	245	235	184	663	11077	17247	28987	1500	1006	0	32.0
JUN	2011	732	166	181	10251	11330	17526	28857	185	139	75	399	10251	17526	28176	1500	883	0	33.3
JUL	2011	637	27	176	8931	9771	17710	27481	79	-19	22	83	8931	17710	26724	1500	894	0	33.3
												* * * * C R E D I T A B L E S P A C E * * * *							
AUG	2011	574	44	205	8817	9640	17787	27427	574	44	205	824	8817	17787	27427	1500	778	0	33.0
SEP	2011	598	114	244	9094	10050	17691	27741	598	114	244	956	9094	17691	27741	2270	660	0	32.6
OCT	2011	635	186	257	9053	10131	17872	28003	635	186	257	1078	9053	17872	28003	3040	488	0	32.5
NOV	2011	668	205	255	9029	10157	17880	28037	668	205	255	1128	9029	17880	28037	3810	615	0	32.4
DEC	2011	701	202	257	9300	10460	17719	28179	701	202	257	1160	9300	17719	28179	4580	590	0	32.3
JAN	2012	748	248	266	9733	10995	17380	28375	748	248	266	1262	9733	17380	28375	5350	684	0	32.1
												* * * * E F F E C T I V E S P A C E * * * *							
JAN	2012	748	248	266	9733	10995	17380	28375	449	248	163	859	9733	17380	27973	5350	684	0	32.1
FEB	2012	789	301	278	10170	11538	17050	28589	488	301	174	963	10170	17050	28184	1500	669	0	32.0
MAR	2012	821	333	278	10588	12020	16753	28774	518	333	173	1024	10588	16753	28365	1500	1004	0	31.7
APR	2012	803	334	251	10906	12294	16812	29106	494	334	140	968	10906	16812	28686	1500	1139	0	31.4
MAY	2012	746	310	184	11180	12420	16933	29353	430	310	53	794	11180	16933	28907	1500	985	0	32.5
JUN	2012	597	222	197	10505	11522	16805	28328	270	220	35	524	10505	16805	27835	1500	841	0	34.2
JUL	2012	427	38	257	9360	10081	16568	26649	83	11	46	139	9360	16568	26068	1500	888	0	34.5
												* * * * C R E D I T A B L E S P A C E * * * *							
AUG	2012	361	27	262	9380	10031	16290	26320	361	27	262	650	9380	16290	26320	1500	811	0	34.2
SEP	2012	413	77	286	9889	10665	15935	26599	413	77	286	776	9889	15935	26599	2270	681	0	33.8
OCT	2012	496	146	294	10022	10957	15922	26879	496	146	294	935	10022	15922	26879	3040	465	0	33.6
NOV	2012	578	165	294	10175	11212	15693	26906	578	165	294	1037	10175	15693	26906	3810	575	0	33.5

January 24-Month Study
Date: January , 2011

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

Reservoir	December Inflow (unregulated) (acre-feet)	Percent of Average (%)	January 10 Midnight Elevation (feet)	Reservoir Storage (acre-feet)
Fontenelle	37,000	113	6485.99	202,000
Flaming Gorge	46,000	116	6023.57	3,108,000
Blue Mesa	30,000	116	7486.62	555,000
Navajo	23,000	92	6060.55	1,355,000
Powell	417,000	96	3624.66	14,263,000

Expected Operations

The operation of Lake Powell and Lake Mead in this January 2011 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines), and reflects the draft 2011 AOP. Pursuant to the Interim Guidelines, the Lake Powell operational tier for water year 2011 is the Upper Elevation Balancing Tier. The Intentionally Created Surplus (ICS) Surplus condition is the criterion governing the operation of Lake Mead for calendar year 2011.

Consistent with Section 6.B.3 of the Interim Guidelines, if the April 24-Month study projects the September 30 Lake Powell elevation to be greater than the 2011 Equalization elevation of 3,643.0 feet with an annual release from Lake Powell of 8.23 maf, the Equalization Tier will govern operations of Lake Powell for the remainder of the water year. Consistent with this provision, the January 24-Month Study projects an adjustment to the Equalization Tier will occur in April. If such an adjustment occurs, the water year release volume from Lake Powell is projected to be 11.367 maf.

Based on analysis of a range of inflow scenarios, the current probability of realizing an inflow volume that would trigger Equalization in 2011 is approximately 76 percent.

The Interim Guidelines are available for download at http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.

The draft 2011 AOP is available for download at http://www.usbr.gov/uc/water/rsvrs/ops/aop/AOP11_draft.pdf.

Fontenelle Reservoir – Inflows for the month of December were 37,000 acre-feet, or 113% of average. The reservoir elevation is 6487 feet above sea level and 61% of capacity. Current inflows are approximately 560 cfs and reservoir releases are 900 cfs. Releases will likely be close to 900 cfs for the remainder of the winter months. The reservoir elevation will continue to decline until spring runoff begins to fill the reservoir.

The Colorado Basin River Forecast Center and Natural Resources Conservation Service have issued the joint water supply forecast for the 2011 spring runoff. The January official forecast for the April to July runoff period is 870 kaf (101%). Inflows over the next three months are forecasted to be slightly above average: 31,000 acre-ft (103%), 32,000 acre-ft (114%), and 52,000 acre-ft (100%) for January, February, and March respectively.

The next Fontenelle Working Group meeting is scheduled for April 21, 2011 at 10:00 am at the Seedskadee National Wildlife Refuge Visitor Center. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir.

Flaming Gorge Reservoir – December observed unregulated inflow into Flaming Gorge reservoir was 45,000 acre-feet (AF), or 116 percent of average inflow. The December end of month elevation was 6023.6 feet, which equates to 3.10 million acre-feet or 83 percent of live storage capacity. Releases out of Flaming Gorge are following a winter double peak fluctuation pattern with a daily average release rate of 1,150 cfs/day. It is anticipated that they will increase to 1,200 cfs/day beginning February 1 and continue until spring runoff occurs sometime in mid- to late-May 2011. Observed runoff will determine releases during the spring period.

The next Flaming Gorge Working Group meeting is scheduled for April 26, 2011, at 7:00 p.m. in a location to be determined. The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stake holders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations and plans presented by Reclamation at these meetings. For more information on this group and these meetings please contact Ed Vidmar at 801-379-1182.

Aspinall Unit Reservoirs – December unregulated inflow into Blue Mesa Reservoir was 30,000 acre-feet or 116 percent of average. Precipitation during December was observed to be about 194 percent of average. The Gunnison River basin snowpack as of January 11th was averaging about 146 percent. The current inflow rate into Blue Mesa Reservoir is about 470 cfs while reservoir releases are averaging about 435 cfs. The present

reservoir elevation is 7486.62 feet, which corresponds to a storage content of about 555,000 acre-feet.

Releases from Crystal Dam are steady at 500 cfs. Reservoir releases will most likely change as hydrologic conditions warrant, primarily as we respond to changes in forecasted inflows.

The first Water Supply Forecast for Water Year 2011 has been issued and the April through July unregulated inflow is forecasted to be at 810,000 acre-feet (113% of average). Based on this forecast, Blue Mesa Reservoir is projected to fill by July 2011.

The next meeting of the "Aspinall Unit Working Group" will be held on Thursday January 20st in the Montrose, Colorado, starting at 1:00 PM. At this meeting, review of last summer and fall reservoir operations, and plans for this winter and next spring 2011 operations will be discussed. These meetings are open forum discussions on the Aspinall Unit reservoir operations with many interested groups participating. Anyone needing further information about these meetings should contact Dan Crabtree in the Grand Junction Area Office at (970) 248-0652.

Navajo Reservoir - As a result of forecasted cooler, wetter conditions in the San Juan River Basin, Reclamation decreased the release from Navajo Reservoir to 500 cfs on October 19, 2010. Reservoir releases are made for the authorized purposes of the Navajo Unit, and to attempt to maintain a target base flow through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell).

The San Juan River Basin Recovery Implementation Program recommends a target base flow of between 500 cfs and 1,000 cfs through the critical habitat area. The target base flow is calculated as the weekly average of gaged flows throughout the critical habitat area, therefore daily flows of less than 500 cfs may occur at some gages.

Pending significant changes in the weather and stream flow conditions, the reservoir release will likely remain at 500 cfs until next spring (2011).

Precipitation for the month of December in the San Juan River basin was about 196 percent of average. Unregulated inflow into Navajo Reservoir during the month of December was 23,000 acre-feet, or 92 percent of average. Currently, the daily reservoir inflow is averaging about 200 cfs. Diversions for NIIP have currently been shut down for the winter. The reservoir water surface elevation is at 6060.55 feet, which corresponds to a storage content of about 1,355,000 acre-feet.

A public meeting on Navajo Reservoir operations will be held on Tuesday, January 25, 2011 at 1:00 p.m. in Farmington, New Mexico. At this meeting, review of last summer and fall reservoir operations, and plans for this winter and spring 2011 operations will be discussed. These are open forum discussions on the operation of Navajo Reservoir with

many interested groups participating. Anyone interested in the general operation of the reservoir is encouraged to attend. Please contact Pat Page in Reclamation's Durango, Colorado Office at (970) 385-6560 for information about these meetings or the daily operation of Navajo Reservoir.

Glen Canyon Dam / Lake Powell – During December 2010 the unregulated inflow to Lake Powell was 417 kaf (96% of average). This was 57 kaf above the volume forecasted by the Colorado Basin River Forecast Center (CBRFC) on December 1, 2010 which was 360 kaf (83% of average). The elevation of Lake Powell at the end of the day on December 31, 2010 was 3626.54 feet above sea level (73.46 feet from full pool) which corresponds to a live storage content of 14.44 maf (59.5% of capacity).

During the last half of December, precipitation within the Upper Colorado River Basin was well above average and the snowpack conditions have increased significantly. On December 17, 2010 the snowpack above Lake Powell was estimated to be 102% of average. By December 31, 2010 the snowpack conditions above Lake Powell had increased to an estimated 151% of average. Precipitation above Lake Powell for the first 3 months of water year 2011 has been well above average at nearly 150% of average. Based on these conditions and projected climate conditions over the next several months, the CBRFC has issued the Final Water Supply Forecast (April through July 2011 forecasted unregulated inflow volume) for Lake Powell that is well above average at 9.5 maf which is 120% of average. This forecast translates into an increase to the expected inflow to Lake Powell for water year 2011 that is more than 3 million acre-feet more than what was projected one month ago.

Operation of Glen Canyon Dam during January 2011 has been modified based on this new forecast. On Sunday January 9, 2011, releases from Glen Canyon Dam were increased to an average daily release volume of approximately 34,000 acre-feet which translates to an average daily release of 17,100 cfs. Releases are scheduled to peak for power generation during the afternoon hours for the remainder of January to 20,500 cfs. Releases during the early morning hours are approximately 12,500 cfs. The release volume for February is projected to be 981,000 kaf which the estimated capacity of Glen Canyon Powerplant under the scheduled maintenance unit outage plan with an allowance of capacity to provide spinning reserves and regulation. It is anticipated that fluctuations for power generation will be minimal in February and the estimated release rate will likely be approximately 17,600 cfs.

In addition to the daily fluctuation pattern for power generation, the instantaneous releases from Glen Canyon Dam may also fluctuate somewhat to provide approximately 40 megawatts of system regulation. These instantaneous releases adjustments maintain stable conditions within the electrical generation and transmission system and result in momentary release fluctuations within a range that is about 1100 cfs above or below the targeted release rate for a given hour of the day. These momentary fluctuations for regulation are very short lived and typically balance out over the hour. Spinning and non-spinning reserve generation is also maintained at Glen Canyon Dam. When an unanticipated electrical outage event occur within the electrical transmission system, this

reserve generation at Glen Canyon Dam can be called upon up to a limit of 98 megawatts (approximately 2,600 cfs of release) for a duration of up to 2 hours. Under normal circumstances, calls for reserve generation occur fairly infrequently and are for much less than the limit of 98 megawatts.

In August of 2010, the August 2010 24-Month Study Model was used to project the January 1, 2010 elevation of Lake Powell and Lake Mead under the most probable inflow scenario. Pursuant to the Interim Guidelines and based on this August projection, the operational tier for water year 2011 was determined to be the Upper Elevation Balancing Tier. Under the Upper Elevation Balancing Tier, there is a possibility that the annual release volume from Lake Powell could be 8.23 maf. There is also a possibility under this tier that Equalization or Balancing could occur in 2011 which would result in an annual release volume greater than 8.23 maf.

The possibility of Equalization or Balancing in 2011 is dependent on the end of water year 2011 reservoir conditions projected in the April 2011 24-Month Study under the most probable inflow scenario and with 8.23 maf projected for release from Lake Powell during water year 2011. For this reason it will not be known for certain whether Equalization or Balancing will occur in water year 2011 until April 2011. 24-Month Studies prior to April 2011 can project that Equalization or Balancing are likely to occur, but these projections are subject to change with changes in the forecasted hydrology of the Colorado River Basin. It is possible that a relatively small change in forecasted hydrology can have a large impact on the projected annual release volume.

The January 2011 24-Month Study with the most probable inflow scenario for water year 2011 projects that Equalization is likely to occur in 2011. For this reason, the projected most probable annual release volume for water year 2011 in the January 24-Month Study is 11.367 maf. Given the current range of uncertainty of the forecasted hydrology for water year 2011, it is possible that Balancing could also occur in water year 2011 which would result if the annual release being 9.0 maf. Each month the 24-Month Study is updated to reflect the most probable inflow scenario which is based on the most recent forecast from the Colorado River Basin Forecast Center (CBRFC). Analysis of the probable range of inflows that could occur during water year 2011 indicates that the probability of realizing an inflow volume that would trigger Equalization in 2011 is currently about 76%. This probability will be updated again during the first part of February 2011.

The unregulated inflow forecast for Lake Powell over the next 3 months is as follows: January-380 kaf (94% of average); February-380 kaf (90% of average); March-670 kaf (101% of average). The outlook for water year 2011, incorporating this new forecast and the January Final Water Supply Forecast, the most probable unregulated inflow volume to Lake Powell during water year 2011 is now 13.19 maf (110% of average). It is possible that the unregulated volume of inflow to Lake Powell in water year 2011 will be greater than or less than the most probable projection. The probable range of unregulated inflow volumes to Lake Powell during water year 2011 is currently projected to be as dry as 8.9 maf (74% of average) to as wet as 18.6 maf (154% of average).

Upper Colorado River Basin Hydrology

In the Upper Colorado River Basin during water year 2010, the overall precipitation accumulated through September 30, 2010 was approximately 90% of average based on the 30 year average for the period from 1971 through 2000. For Water Year 2011 thus far, the estimated monthly precipitation within the Upper Colorado River Basin (above Lake Powell) as a percentage of average has been: (October - 135%, November - 95%, December -230%)

The Climate Prediction Center outlook (dated December 16, 2010) for temperature over the next 3 months indicates that temperatures in the Upper Colorado River Basin are expected to be near average while precipitation over the next 3 months is also projected to be near average.

Upper Colorado River Basin Drought

The Upper Colorado River Basin continues to experience a protracted multi-year drought. Since 1999, inflow to Lake Powell has been below average in every year except water years 2005 and 2008. In the summer of 1999, Lake Powell was close to full with reservoir storage at 23.5 million acre-feet, or 97 percent of capacity. During the next 5 years (2000 through 2004) unregulated inflow to Lake Powell was well below average. This resulted in Lake Powell storage decreasing during this period to 8.0 million acre-feet (33 percent of capacity) which occurred on April 8, 2005. During 2005, 2008 and 2009, drought conditions eased somewhat with net gains in storage to Lake Powell. As of January 10, 2011 the storage in Lake Powell was approximately 14.26 million acre-feet (58.6 % of capacity) which is below desired levels. The overall reservoir storage in the Colorado River Basin as of January 10, 2011 is approximately 32.29 million acre-feet (54.3 % of capacity).

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-280
125 SOUTH STATE STREET, ROOM 6107
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-5571

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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:	Obs			dec	Forecast		Outlook		
:	sep	oct	nov	dec	%Avg	jan	feb	mar	apr-jul %Avg
GLDA3:Lake Powell	277	362	438	417	96%:	380/	380/	670/	9500/: 120%
GBRW4:Fontenelle	29	31	34	37	113%:	31/	32/	52/	870/: 101%
GRNU1:Flaming Gorge	22	32	31	45	113%:	38/	40/	78/	1200/: 101%
BMDC2:Blue Mesa	23	29	27	30	116%:	24/	22/	34/	810/: 113%
MPSC2:Morrow Point	23	30	29	30	106%:	26/	25/	38/	885/: 113%
CLSC2:Crystal	26	34	32	34	102%:	30/	29/	44/	995/: 109%
TPIC2:Taylor Park	6.3	6.6	4.4	5.4	117%:	3.8/	3/	3.3/	120/: 117%
VCRC2:Vallecito	10.2	11.7	6.6	6.2	102%:	5/	4/	6.5/	215/: 105%
NVRN5:Navajo	24	25	17.2	23	92%:	19/	29/	86/	830/: 106%
LEMC2:Lemon	1.77	2.4	1.41	1.05	93%:	0.75/	0.65/	1.1/	62/: 107%
MPHC2:McPhee	8.2	6.5	3.7	6.0	133%:	3.5/	4.5/	21/	350/: 109%
RBSC2:Ridgway	6.8	5.9	5.2	4.7	109%:	/	/	/	110/: 108%

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T E M R E S E R V O I R S

Bureau of Reclamation - CRFS 1/2011 Most Prob Water Supply 10-jan-2011 11:53:21

Fontenelle Reservoir

		Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Jan 2010	28	1	38	30	69	6478.10	157
H	Feb 2010	23	0	55	0	55	6471.41	125
I	Mar 2010	43	0	56	0	56	6468.40	112
S	Apr 2010	63	1	47	1	48	6471.88	127
T	May 2010	40	1	49	0	49	6469.44	117
O	Jun 2010	251	2	50	1	51	6502.04	314
R	Jul 2010	134	3	91	22	113	6504.39	333
I	Aug 2010	50	2	68	0	68	6501.76	312
C	Sep 2010	29	2	26	35	61	6497.33	279
	WY 2010	781	14	530	233	763		
A	Oct 2010	31	1	5	55	59	6493.24	250
L	Nov 2010	34	1	53	1	54	6490.17	229
*	Dec 2010	37	1	55	0	55	6487.27	210
	Jan 2011	31	1	55	0	55	6483.26	185
	Feb 2011	32	1	50	0	50	6480.02	167
	Mar 2011	52	1	76	0	76	6475.12	142
	Apr 2011	105	1	93	40	134	6468.45	113
	May 2011	215	1	96	102	198	6472.21	129
	Jun 2011	370	2	100	96	196	6500.19	300
	Jul 2011	180	3	101	36	137	6505.40	341
	Aug 2011	81	2	74	0	74	6505.97	345
	Sep 2011	48	2	35	36	71	6502.77	320
	WY 2011	1216	15	794	367	1160		
	Oct 2011	49	1	74	0	74	6499.31	294
	Nov 2011	41	1	71	0	71	6495.09	263
	Dec 2011	32	1	74	0	74	6488.82	221
	Jan 2012	30	1	74	0	74	6481.73	177
	Feb 2012	28	1	69	0	69	6473.57	135
	Mar 2012	52	0	74	0	74	6468.36	112
	Apr 2012	89	1	83	0	83	6469.77	118
	May 2012	176	1	86	0	86	6486.73	207
	Jun 2012	307	2	104	110	214	6499.81	297
	Jul 2012	185	3	101	37	138	6505.51	342
	Aug 2012	82	2	88	0	88	6504.50	334
	Sep 2012	48	2	63	0	63	6502.38	317
	WY 2012	1121	15	960	148	1108		
	Oct 2012	49	1	65	0	65	6500.14	300
	Nov 2012	41	1	62	0	62	6497.19	278
	Dec 2012	32	1	65	0	65	6492.52	245

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T E M R E S E R V O I R S

Bureau of Reclamation - CRFS 1/2011 Most Prob Water Supply 10-jan-2011 11:53:21

Flaming Gorge Reservoir

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Yampa Flow 1000 Ac-Ft	Jensen Flow 1000 Ac-Ft
*	Jan 2010	27	68	2	109	0	109	129	6026.29	3208	0	669
H	Feb 2010	29	61	2	87	0	87	128	6025.55	3181	0	111
I	Mar 2010	69	81	3	60	0	60	129	6026.01	3198	0	118
S	Apr 2010	96	81	5	49	0	49	130	6026.69	3223	206	240
T	May 2010	72	81	8	101	0	101	129	6025.97	3196	507	551
O	Jun 2010	387	187	10	138	0	138	130	6026.97	3234	619	745
R	Jul 2010	151	130	13	96	0	96	131	6027.51	3254	78	195
I	Aug 2010	54	72	12	100	0	100	129	6026.47	3215	24	138
C	Sep 2010	22	54	10	106	0	106	127	6024.83	3154	13	130
	WY 2010	1018	1000	79	1167	1	1169					3698
A	Oct 2010	32	60	7	77	0	77	126	6024.21	3131	28	113
L	Nov 2010	31	52	4	63	0	63	125	6023.83	3117	0	107
*	Dec 2010	45	64	2	68	0	68	125	6023.67	3111	0	114
	Jan 2011	38	62	2	68	0	68	125	6023.49	3105	0	68
	Feb 2011	40	58	2	67	0	67	124	6023.20	3094	0	67
	Mar 2011	78	102	3	74	0	74	125	6023.88	3119	0	74
	Apr 2011	160	189	5	71	0	71	130	6026.80	3227	0	71
	May 2011	325	308	8	121	0	121	137	6031.29	3399	0	121
	Jun 2011	500	326	11	254	0	254	139	6032.81	3459	0	254
	Jul 2011	215	172	14	121	0	121	140	6033.69	3494	0	121
	Aug 2011	95	88	13	121	0	121	139	6032.57	3449	0	121
	Sep 2011	58	82	12	118	0	118	137	6031.41	3404	0	118
	WY 2011	1618	1562	81	1222	0	1222					1349
	Oct 2011	59	84	7	121	0	121	135	6030.30	3361	0	121
	Nov 2011	50	80	4	118	0	118	134	6029.28	3321	0	118
	Dec 2011	36	78	2	121	0	121	132	6028.13	3278	0	121
	Jan 2012	41	85	2	121	0	121	130	6027.15	3240	0	121
	Feb 2012	46	87	2	114	0	114	129	6026.41	3213	0	114
	Mar 2012	104	126	3	121	0	121	129	6026.45	3214	0	121
	Apr 2012	142	136	5	118	0	118	130	6026.80	3227	0	118
	May 2012	265	175	8	141	0	141	131	6027.47	3252	0	141
	Jun 2012	399	306	10	214	0	214	134	6029.53	3331	0	214
	Jul 2012	218	171	14	80	0	80	137	6031.46	3406	0	80
	Aug 2012	96	102	13	80	0	80	137	6031.68	3414	0	80
	Sep 2012	58	73	11	77	0	77	137	6031.30	3399	0	77
	WY 2012	1515	1503	81	1426	0	1426					1426
	Oct 2012	59	75	7	80	0	80	136	6030.99	3387	0	80
	Nov 2012	50	71	4	77	0	77	136	6030.76	3378	0	77
	Dec 2012	36	68	2	80	0	80	135	6030.42	3365	0	80

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Taylor Park Reservoir

		Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Jan 2010	4	6	9307.90	67
H	Feb 2010	4	6	9306.55	65
I	Mar 2010	4	6	9305.31	63
S	Apr 2010	11	6	9308.40	67
T	May 2010	22	9	9316.36	80
O	Jun 2010	35	18	9325.55	97
R	Jul 2010	10	20	9320.19	87
I	Aug 2010	10	17	9316.06	80
C	Sep 2010	6	14	9311.57	72
	WY 2010	121	122		
A	Oct 2010	7	6	9312.21	73
L	Nov 2010	4	0	9312.27	74
*	Dec 2010	5	5	9312.71	74
	Jan 2011	4	6	9311.37	72
	Feb 2011	3	6	9309.49	69
	Mar 2011	3	20	9297.93	52
	Apr 2011	10	30	9279.50	32
	May 2011	36	30	9285.83	38
	Jun 2011	54	20	9311.55	72
	Jul 2011	20	20	9311.55	72
	Aug 2011	10	13	9309.59	69
	Sep 2011	7	13	9305.64	63
	WY 2011	163	168		
	Oct 2011	6	10	9303.01	59
	Nov 2011	5	6	9302.24	58
	Dec 2011	4	6	9301.15	57
	Jan 2012	4	6	9299.84	55
	Feb 2012	4	6	9298.18	53
	Mar 2012	4	6	9296.84	51
	Apr 2012	8	8	9297.48	52
	May 2012	27	14	9306.83	65
	Jun 2012	43	20	9320.51	88
	Jul 2012	20	22	9319.64	86
	Aug 2012	10	22	9312.71	74
	Sep 2012	7	16	9307.02	65
	WY 2012	144	141		
	Oct 2012	6	10	9304.46	61
	Nov 2012	5	6	9303.71	60
	Dec 2012	4	6	9302.64	59

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Blue Mesa Reservoir

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Jan 2010	22	24	0	43	0	43	7487.22	560
H	Feb 2010	22	24	0	38	0	38	7485.33	546
I	Mar 2010	29	30	0	33	0	33	7484.88	542
S	Apr 2010	96	92	1	45	0	45	7490.80	588
T	May 2010	143	131	1	110	6	116	7492.59	602
O	Jun 2010	205	186	1	51	0	51	7508.76	735
R	Jul 2010	50	60	1	98	0	98	7504.17	696
I	Aug 2010	56	63	1	92	0	92	7500.54	666
C	Sep 2010	23	31	1	86	0	86	7493.54	609
	WY 2010	725	726	8	754	6	760		
A	Oct 2010	29	29	1	85	0	85	7486.20	552
L	Nov 2010	27	27	0	24	0	24	7486.60	555
*	Dec 2010	30	29	0	27	0	27	7486.84	557
	Jan 2011	24	26	0	45	0	45	7484.33	538
	Feb 2011	22	25	0	64	0	64	7479.01	499
	Mar 2011	34	51	0	88	0	88	7473.70	461
	Apr 2011	95	115	1	85	0	85	7477.85	490
	May 2011	260	254	1	140	0	140	7492.82	603
	Jun 2011	340	306	1	105	0	105	7516.46	803
	Jul 2011	115	115	2	114	0	114	7516.40	802
	Aug 2011	60	63	1	111	0	111	7510.83	753
	Sep 2011	36	42	1	100	0	100	7503.91	694
	WY 2011	1072	1081	9	988	0	988		
	Oct 2011	36	39	1	76	0	76	7499.44	657
	Nov 2011	31	32	0	61	0	61	7495.79	627
	Dec 2011	25	27	0	72	0	72	7490.00	581
	Jan 2012	24	26	0	79	0	79	7482.99	528
	Feb 2012	22	24	0	56	0	56	7478.64	496
	Mar 2012	34	36	0	36	0	36	7478.57	496
	Apr 2012	73	72	1	48	0	48	7481.78	519
	May 2012	212	199	1	110	0	110	7493.30	607
	Jun 2012	271	248	1	62	0	62	7515.21	792
	Jul 2012	121	122	2	110	0	110	7516.40	802
	Aug 2012	62	74	1	122	0	122	7510.78	753
	Sep 2012	36	45	1	113	0	113	7502.73	684
	WY 2012	946	944	9	946	0	946		
	Oct 2012	36	39	1	78	0	78	7497.98	645
	Nov 2012	31	32	0	48	0	48	7495.92	628
	Dec 2012	25	27	0	73	0	73	7490.00	581

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Morrow Point Reservoir

		Unreg Inflow 1000 Ac-Ft	Blue_Mesa Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Evap losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Jan 2010	24	43	2	45	0	47	0	47	7150.49	109
H	Feb 2010	22	38	1	38	0	41	0	41	7147.10	107
I	Mar 2010	29	33	1	34	0	34	0	34	7147.29	107
S	Apr 2010	107	45	11	57	0	55	0	55	7149.84	109
T	May 2010	159	116	16	132	0	129	0	129	7154.46	113
O	Jun 2010	216	51	12	63	0	64	0	64	7153.15	112
R	Jul 2010	51	98	1	98	0	96	0	96	7156.02	114
I	Aug 2010	56	92	1	93	0	93	0	93	7155.63	114
C	Sep 2010	23	86	0	87	0	92	0	92	7148.78	108
	WY 2010	773	760	48	807	1	805	0	805		
A	Oct 2010	30	85	1	86	0	82	0	82	7153.88	112
L	Nov 2010	29	24	1	25	0	26	0	26	7152.79	111
*	Dec 2010	30	27	0	28	0	27	0	27	7153.98	112
	Jan 2011	26	45	2	47	0	47	0	47	7153.73	112
	Feb 2011	25	64	3	67	0	67	0	67	7153.73	112
	Mar 2011	38	88	4	92	0	92	0	92	7153.73	112
	Apr 2011	110	85	15	100	0	100	0	100	7153.73	112
	May 2011	290	140	30	170	0	170	0	170	7153.73	112
	Jun 2011	365	105	25	130	0	130	0	130	7153.73	112
	Jul 2011	120	114	5	119	0	119	0	119	7153.73	112
	Aug 2011	63	111	3	114	0	114	0	114	7153.73	112
	Sep 2011	38	100	2	102	0	102	0	102	7153.73	112
	WY 2011	1164	988	92	1080	0	1076	0	1076		
	Oct 2011	38	76	3	79	0	79	0	79	7153.73	112
	Nov 2011	33	61	2	63	0	63	0	63	7153.73	112
	Dec 2011	27	72	2	74	0	74	0	74	7153.73	112
	Jan 2012	26	79	2	81	0	81	0	81	7153.73	112
	Feb 2012	25	56	3	59	0	59	0	59	7153.73	112
	Mar 2012	38	36	4	40	0	40	0	40	7153.73	112
	Apr 2012	84	48	11	59	0	59	0	59	7153.73	112
	May 2012	237	110	25	135	0	135	0	135	7153.73	112
	Jun 2012	292	62	21	83	0	83	0	83	7153.73	112
	Jul 2012	127	110	7	117	0	117	0	117	7153.73	112
	Aug 2012	65	122	4	126	0	126	0	126	7153.73	112
	Sep 2012	39	113	3	116	0	116	0	116	7153.73	112
	WY 2012	1033	946	86	1032	0	1032	0	1032		
	Oct 2012	38	78	3	81	0	81	0	81	7153.73	112
	Nov 2012	33	48	2	50	0	50	0	50	7153.73	112
	Dec 2012	27	73	2	75	0	75	0	75	7153.73	112

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Crystal Reservoir

	unreg Inflow 1000 Ac-Ft	Morrow Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Total Inflow 1000 Ac-Ft	Power Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Tunnel Flow 1000 Ac-Ft	Below_tunnel Flow 1000 Ac-Ft
* Jan 2010	26	47	3	50	49	0	49	6745.38	15	1	50
H Feb 2010	25	41	3	44	25	17	42	6751.67	17	1	43
I Mar 2010	33	34	4	38	38	0	38	6751.84	17	1	38
S Apr 2010	118	55	11	66	66	0	66	6750.96	16	34	34
T May 2010	179	129	20	148	108	39	148	6752.53	17	60	91
O Jun 2010	242	64	25	89	89	0	89	6752.91	17	56	39
R Jul 2010	55	96	4	100	100	0	100	6751.15	16	69	39
I Aug 2010	61	93	5	98	98	0	98	6749.05	16	68	37
C Sep 2010	26	92	3	95	95	0	95	6748.16	16	63	36
WY 2010	859	805	86	891	824	67	890			414	528
A Oct 2010	34	82	4	86	85	0	85	6750.41	16	51	33
L Nov 2010	32	26	4	30	30	0	30	6748.60	16	0	29
* Dec 2010	34	27	4	31	31	0	31	6748.24	16	1	30
Jan 2011	30	47	4	51	50	0	50	6753.04	17	0	50
Feb 2011	29	67	4	71	71	0	71	6753.04	17	0	71
Mar 2011	44	92	6	98	98	0	98	6753.04	17	5	93
Apr 2011	125	100	15	115	115	0	115	6753.04	17	30	85
May 2011	330	170	40	210	134	76	210	6753.04	17	55	155
Jun 2011	405	130	40	170	130	40	170	6753.04	17	60	110
Jul 2011	135	119	15	134	134	0	134	6753.04	17	65	69
Aug 2011	70	114	8	122	122	0	122	6753.04	17	65	57
Sep 2011	44	102	6	109	109	0	109	6753.04	17	55	54
WY 2011	1313	1076	149	1226	1108	116	1224			387	835
Oct 2011	44	79	6	85	85	0	85	6753.04	17	30	55
Nov 2011	38	63	5	68	68	0	68	6753.04	17	0	68
Dec 2011	32	74	5	79	79	0	79	6753.04	17	0	79
Jan 2012	31	81	5	86	86	0	86	6753.04	17	0	86
Feb 2012	29	59	4	63	63	0	63	6753.04	17	0	63
Mar 2012	46	40	7	47	47	0	47	6753.04	17	5	42
Apr 2012	96	59	12	71	71	0	71	6753.04	17	30	41
May 2012	272	135	35	170	134	36	170	6753.04	17	55	115
Jun 2012	330	83	38	122	122	0	122	6753.04	17	60	62
Jul 2012	144	117	17	134	134	0	134	6753.04	17	65	69
Aug 2012	74	126	8	134	134	0	134	6753.04	17	65	69
Sep 2012	45	116	6	122	122	0	122	6753.04	17	55	67
WY 2012	1183	1032	150	1182	1146	36	1182			365	817
Oct 2012	44	81	6	87	87	0	87	6753.04	17	30	57
Nov 2012	38	50	5	55	55	0	55	6753.04	17	0	55
Dec 2012	32	75	5	80	80	0	80	6753.04	17	0	80

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Vallecito Reservoir

		Regulated Inflow 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft
*	Jan 2010	4	3	7631.27	47
H	Feb 2010	3	4	7630.95	46
I	Mar 2010	3	8	7628.45	42
S	Apr 2010	27	4	7640.13	65
T	May 2010	69	20	7660.32	113
O	Jun 2010	46	42	7661.51	116
R	Jul 2010	12	37	7651.21	90
I	Aug 2010	19	33	7645.00	75
C	Sep 2010	10	26	7637.70	59
	WY 2010	210	196		
A	Oct 2010	12	13	7636.95	58
L	Nov 2010	7	2	7639.20	63
*	Dec 2010	6	2	7641.20	67
	Jan 2011	5	2	7642.61	70
	Feb 2011	4	2	7643.63	72
	Mar 2011	7	2	7645.60	77
	Apr 2011	23	2	7654.32	98
	May 2011	82	59	7663.21	121
	Jun 2011	83	78	7665.00	125
	Jul 2011	27	43	7658.73	109
	Aug 2011	18	39	7649.89	87
	Sep 2011	16	29	7644.24	74
	WY 2011	289	271		
	Oct 2011	14	20	7641.31	67
	Nov 2011	8	6	7642.38	69
	Dec 2011	6	5	7643.00	71
	Jan 2012	5	3	7643.92	73
	Feb 2012	5	3	7644.71	75
	Mar 2012	8	3	7646.80	79
	Apr 2012	22	10	7651.55	91
	May 2012	69	45	7660.97	115
	Jun 2012	78	66	7665.00	125
	Jul 2012	31	43	7660.21	113
	Aug 2012	19	39	7652.14	92
	Sep 2012	17	29	7646.94	80
	WY 2012	282	273		
	Oct 2012	14	13	7647.16	80
	Nov 2012	8	6	7648.15	83
	Dec 2012	6	5	7648.73	84

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Navajo Reservoir

	Mod_Unreg Inflow 1000 Ac-Ft	Azetea Tunnel_Div 1000 Ac-Ft	Reg Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	NIIP Diversion 1000 ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Live Storage 1000 Ac-Ft	Farm Flow 1000 Ac-Ft
* Jan 2010	15	0	14	1	0	32	6050.04	1226	49
H Feb 2010	16	0	16	1	0	27	6049.04	1214	43
I Mar 2010	64	1	68	1	3	31	6051.78	1247	52
S Apr 2010	222	22	179	2	12	28	6062.79	1384	75
T May 2010	264	35	182	4	26	30	6071.80	1506	126
O Jun 2010	152	27	116	5	40	33	6074.50	1544	118
R Jul 2010	15	2	39	5	47	58	6069.52	1474	72
I Aug 2010	39	2	52	4	35	41	6067.48	1446	69
C Sep 2010	24	1	39	3	25	45	6064.97	1412	57
WY 2010	855	89	753	29	202	423			801
A Oct 2010	25	0	27	2	8	36	6063.49	1393	46
L Nov 2010	17	0	12	1	1	29	6062.08	1374	46
* Dec 2010	23	0	19	1	1	29	6061.11	1362	41
Jan 2011	19	0	16	1	0	32	6059.81	1345	32
Feb 2011	29	0	27	1	0	27	6059.73	1344	27
Mar 2011	86	0	81	2	4	31	6063.18	1389	31
Apr 2011	182	27	133	3	17	34	6069.17	1469	34
May 2011	325	43	258	4	29	200	6071.00	1494	200
Jun 2011	270	36	228	5	43	212	6068.71	1463	212
Jul 2011	53	6	63	5	46	37	6066.91	1438	37
Aug 2011	35	1	56	4	39	42	6064.77	1410	42
Sep 2011	38	1	50	3	22	36	6063.94	1399	36
WY 2011	1102	115	970	29	211	744			784
Oct 2011	40	0	47	2	8	31	6064.42	1405	31
Nov 2011	33	0	31	1	0	30	6064.40	1405	30
Dec 2011	24	0	22	1	0	31	6063.71	1396	31
Jan 2012	22	0	20	1	0	31	6062.82	1384	31
Feb 2012	30	0	29	1	0	28	6062.81	1384	28
Mar 2012	88	1	83	2	4	31	6066.30	1430	31
Apr 2012	174	16	146	3	17	34	6073.02	1523	34
May 2012	279	35	219	4	29	200	6072.03	1509	200
Jun 2012	246	27	208	5	44	212	6068.22	1456	212
Jul 2012	74	4	82	5	47	37	6067.80	1450	37
Aug 2012	43	2	62	4	39	42	6066.04	1427	42
Sep 2012	42	1	54	3	22	36	6065.47	1419	36
WY 2012	1096	85	1001	29	210	742			742
Oct 2012	40	0	40	2	8	31	6065.41	1418	31
Nov 2012	33	0	31	1	0	30	6065.40	1418	30
Dec 2012	24	0	22	1	0	31	6064.72	1409	31

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Lake Powell

		Unreg Inflow 1000 Ac-Ft	Regulated Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	PowerPlant Release 1000 Ac-Ft	Bypass Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Reservoir Elevation EOM Feet	Bank Storage 1000 Ac-Ft	EOM Storage 1000 Ac-Ft	Lees Ferry 1000 Ac-Ft
*	Jan 2010	264	386	9	900	0	900	3622.14	17953	13991	925
H	Feb 2010	260	350	10	631	0	631	3620.16	17873	13780	644
I	Mar 2010	478	475	17	602	0	602	3619.41	17809	13701	612
S	Apr 2010	944	717	26	602	0	602	3620.50	17782	13816	614
T	May 2010	1399	1224	32	601	0	601	3625.96	17784	14405	612
O	Jun 2010	2776	2321	53	601	0	601	3638.82	17993	15864	612
R	Jul 2010	674	706	65	802	0	802	3636.52	18099	15596	824
I	Aug 2010	504	608	64	802	0	802	3634.55	18069	15369	826
C	Sep 2010	277	461	58	480	0	480	3633.66	18093	15267	490
	WY 2010	8634	8674	444	8234	0	8235				8419
A	Oct 2010	362	512	41	495	0	495	3634.08	18022	15315	502
L	Nov 2010	438	474	39	810	0	810	3630.31	18074	14888	826
*	Dec 2010	417	447	30	847	0	847	3626.54	18063	14469	865
	Jan 2011	380	442	9	1000	0	1000	3621.70	18021	13944	1000
	Feb 2011	380	446	10	981	0	981	3616.93	17981	13440	981
	Mar 2011	670	669	16	995	0	995	3613.87	17956	13123	995
	Apr 2011	1300	1097	25	947	0	947	3614.99	17965	13239	947
	May 2011	3000	2624	31	1100	0	1100	3627.91	18076	14621	1100
	Jun 2011	3800	3340	54	1125	0	1125	3645.17	18236	16622	1125
	Jul 2011	1400	1341	68	1200	0	1200	3645.72	18241	16689	1200
	Aug 2011	581	705	67	1147	0	1147	3641.81	18203	16218	1147
	Sep 2011	466	610	61	714	0	714	3640.52	18191	16065	714
	WY 2011	13194	12709	452	11361	0	11361				11403
	Oct 2011	514	615	42	738	0	738	3639.23	18179	15912	738
	Nov 2011	523	618	40	800	0	800	3637.47	18162	15706	800
	Dec 2011	414	553	32	875	0	875	3634.64	18136	15379	875
	Jan 2012	384	528	10	875	0	875	3631.74	18110	15049	875
	Feb 2012	398	497	11	800	0	800	3629.15	18087	14758	800
	Mar 2012	628	595	18	700	0	700	3628.13	18077	14644	700
	Apr 2012	950	793	28	800	0	800	3627.84	18075	14612	800
	May 2012	2161	1921	34	800	0	800	3636.71	18155	15618	800
	Jun 2012	2811	2454	56	877	0	877	3648.47	18268	17026	877
	Jul 2012	1346	1210	70	1000	0	1000	3649.52	18278	17156	1000
	Aug 2012	566	650	69	975	0	975	3646.56	18249	16791	975
	Sep 2012	460	572	63	714	0	714	3645.00	18234	16601	714
	WY 2012	11154	11006	473	9954	0	9954				9954
	Oct 2012	514	575	43	738	0	738	3643.42	18219	16410	738
	Nov 2012	523	565	41	700	0	700	3642.05	18206	16247	700
	Dec 2012	414	513	33	800	0	800	3639.55	18182	15951	800

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Hoover Dam - Lake Mead

		Glen Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	SNWP Use 1000 Ac-Ft	Dwnstrm Reqmnts 1000 Ac-Ft	Bank Storage 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
*	Jan 2010	900	124	32	634	10.3	6	578	747	1100.02	11493
H	Feb 2010	631	112	30	400	7.2	6	399	766	1103.21	11780
I	Mar 2010	602	87	33	889	14.5	12	868	751	1100.66	11550
S	Apr 2010	602	138	41	933	15.7	19	856	735	1098.00	11313
T	May 2010	601	87	47	961	15.6	28	933	714	1094.30	10987
O	Jun 2010	601	30	55	1007	16.9	27	1006	686	1089.30	10556
R	Jul 2010	802	29	68	941	15.3	33	937	673	1086.97	10357
I	Aug 2010	802	126	72	829	13.5	33	823	673	1086.91	10352
C	Sep 2010	480	82	59	758	12.7	23	755	656	1083.81	10092
	WY 2010	8235	928	564	9260		235	9039			
A	Oct 2010	495	80	42	638	10.4	24	607	648	1082.36	9971
L	Nov 2010	810	13	42	800	13.4	18	795	646	1081.94	9936
*	Dec 2010	847	249	37	660	10.7	10	631	670	1086.30	10301
	Jan 2011	1000	135	31	516	8.4	20	516	704	1092.55	10835
	Feb 2011	981	135	29	599	10.8	18	599	733	1097.58	11276
	Mar 2011	995	101	33	1021	16.6	24	1021	734	1097.77	11292
	Apr 2011	947	71	41	1141	19.2	20	1141	723	1095.82	11120
	May 2011	1100	73	47	1032	16.8	31	1032	727	1096.50	11180
	Jun 2011	1125	28	57	961	16.1	26	961	733	1097.66	11283
	Jul 2011	1200	61	71	901	14.6	28	901	749	1100.41	11528
	Aug 2011	1147	106	77	789	12.8	31	789	771	1104.11	11862
	Sep 2011	714	71	64	612	10.3	22	612	776	1105.00	11943
	WY 2011	11361	1122	570	9669		272	9603			
	Oct 2011	738	55	47	473	7.7	26	473	791	1107.52	12175
	Nov 2011	800	54	47	660	11.1	25	660	799	1108.75	12289
	Dec 2011	875	57	41	546	8.9	21	546	819	1112.00	12593
	Jan 2012	875	135	34	684	11.1	20	684	835	1114.70	12849
	Feb 2012	800	135	32	669	11.6	21	669	848	1116.78	13049
	Mar 2012	700	101	35	1004	16.3	28	1004	832	1114.17	12799
	Apr 2012	800	71	43	1139	19.1	22	1139	812	1110.85	12486
	May 2012	800	73	50	985	16.0	32	985	800	1108.92	12305
	Jun 2012	877	28	60	841	14.1	29	841	798	1108.66	12281
	Jul 2012	1000	61	74	888	14.4	31	888	802	1109.34	12344
	Aug 2012	975	106	79	811	13.2	32	811	812	1110.92	12492
	Sep 2012	714	71	66	681	11.4	27	681	813	1111.03	12502
	WY 2012	9954	946	609	9381		316	9381			
	Oct 2012	738	55	48	465	7.6	39	465	827	1113.43	12729
	Nov 2012	700	54	48	575	9.7	28	575	834	1114.44	12825
	Dec 2012	800	57	42	557	9.1	22	557	848	1116.75	13046

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Davis Dam - Lake Mohave

	Hoover Release 1000 Ac-Ft	Side inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Power Release 1000 Ac-Ft	Spill Release 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft
* Jan 2010	634	-15	10	456	0	456	7.4	644.34	1736
H Feb 2010	400	-4	10	442	0	442	8.0	642.31	1680
I Mar 2010	889	-18	13	862	0	862	14.0	642.17	1676
S Apr 2010	933	-17	17	878	0	878	14.8	642.94	1697
T May 2010	961	-19	22	937	0	937	15.2	642.30	1680
O Jun 2010	1007	-23	25	912	0	912	15.3	643.98	1726
R Jul 2010	941	-14	26	913	0	913	14.8	643.57	1714
I Aug 2010	829	-12	23	838	0	838	13.6	641.95	1670
C Sep 2010	758	-2	18	833	0	833	14.0	638.40	1575
WY 2010	9260	-172	197	8816	0	8816			
A Oct 2010	638	6	15	766	0	766	12.5	633.10	1437
L Nov 2010	800	-29	10	631	0	631	10.6	638.09	1567
* Dec 2010	660	-15	9	553	0	553	9.0	641.21	1650
Jan 2011	516	-13	10	471	0	471	7.7	642.00	1671
Feb 2011	599	-5	10	585	0	585	10.5	642.00	1671
Mar 2011	1021	-14	13	966	0	966	15.7	643.05	1700
Apr 2011	1141	-15	17	1110	0	1110	18.7	643.00	1699
May 2011	1032	-10	22	1000	0	1000	16.3	643.00	1699
Jun 2011	961	-2	25	960	0	960	16.1	642.00	1671
Jul 2011	901	3	25	892	0	892	14.5	641.50	1658
Aug 2011	789	-3	23	763	0	763	12.4	641.50	1658
Sep 2011	612	1	18	688	0	688	11.6	638.00	1564
WY 2011	9669	-96	197	9386	0	9386			
Oct 2011	473	5	15	593	0	593	9.6	633.00	1434
Nov 2011	660	-9	10	589	0	589	9.9	635.00	1486
Dec 2011	546	-12	9	428	0	428	7.0	638.71	1583
Jan 2012	684	-13	10	577	0	577	9.4	641.80	1666
Feb 2012	669	-5	10	655	0	655	11.4	641.80	1666
Mar 2012	1004	-14	13	943	0	943	15.3	643.05	1700
Apr 2012	1139	-15	17	1108	0	1108	18.6	643.00	1699
May 2012	985	-10	22	953	0	953	15.5	643.00	1699
Jun 2012	841	-2	25	841	0	841	14.1	642.00	1671
Jul 2012	888	3	25	880	0	880	14.3	641.50	1658
Aug 2012	811	-3	23	785	0	785	12.8	641.50	1658
Sep 2012	681	1	18	758	0	758	12.7	638.00	1564
WY 2012	9381	-73	197	9110	0	9110			
Oct 2012	465	5	15	585	0	585	9.5	633.00	1434
Nov 2012	575	-9	10	504	0	504	8.5	635.00	1486
Dec 2012	557	-12	9	439	0	439	7.1	638.71	1583

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Parker Dam - Lake Havasu

	Davis Release 1000 Ac-Ft	Side Inflow 1000 Ac-Ft	Evap Losses 1000 Ac-Ft	Total Release 1000 Ac-Ft	Total Release 1000 CFS	MWD Diversion 1000 Ac-Ft	CAP diversion 1000 Ac-Ft	Reservoir Elevation EOM Feet	EOM Storage 1000 Ac-Ft	Flow_to Mexico 1000 Ac-Ft	Flow_to Mexico 1000 CFS
* Jan 2010	456	41	6	233	3.8	99	126	448.89	597	174	2.8
H Feb 2010	442	10	8	331	6.0	66	91	446.29	548	141	2.5
I Mar 2010	862	55	9	668	10.9	90	128	447.15	564	233	3.8
S Apr 2010	878	34	11	670	11.3	43	153	448.61	592	210	3.5
T May 2010	937	24	13	662	10.8	102	172	448.83	596	114	1.9
O Jun 2010	912	23	16	650	10.9	91	171	448.64	592	113	1.9
R Jul 2010	913	17	17	743	12.1	107	50	448.61	592	126	2.1
I Aug 2010	838	21	17	646	10.5	108	84	448.20	584	101	1.6
C Sep 2010	833	17	15	583	9.8	98	171	446.95	560	93	1.6
WY 2010	8816	318	140	6300		1043	1572			1618	
A Oct 2010	766	25	12	465	7.6	102	166	449.14	602	106	1.7
L Nov 2010	631	38	9	428	7.2	98	159	447.59	572	114	1.9
* Dec 2010	553	34	7	290	4.7	93	183	448.10	582	147	2.4
Jan 2011	471	34	6	343	5.6	71	101	447.00	561	122	2.0
Feb 2011	585	40	8	448	8.1	18	154	446.50	552	153	2.8
Mar 2011	966	45	9	708	11.5	99	184	446.70	555	208	3.4
Apr 2011	1110	15	11	793	13.3	96	178	448.70	593	200	3.4
May 2011	1000	11	13	704	11.5	99	184	448.70	593	111	1.8
Jun 2011	960	7	16	675	11.3	96	168	448.70	593	112	1.9
Jul 2011	892	14	17	733	11.9	80	75	448.00	580	118	1.9
Aug 2011	763	20	17	618	10.1	71	75	447.50	571	92	1.5
Sep 2011	688	13	15	526	8.8	70	95	446.81	557	89	1.5
WY 2011	9386	293	140	6731		993	1719			1573	
Oct 2011	593	20	12	438	7.1	71	94	446.31	548	72	1.2
Nov 2011	589	22	8	372	6.2	70	152	446.50	552	105	1.8
Dec 2011	428	20	6	287	4.7	73	77	446.50	552	118	1.9
Jan 2012	577	34	6	347	5.6	88	165	446.50	552	122	2.0
Feb 2012	655	40	8	444	7.7	80	156	446.50	552	153	2.7
Mar 2012	943	45	9	704	11.4	88	174	446.70	555	208	3.4
Apr 2012	1108	15	11	813	13.7	86	166	448.70	593	200	3.4
May 2012	953	11	13	692	11.3	89	159	448.70	593	111	1.8
Jun 2012	841	7	16	641	10.8	86	90	448.70	593	112	1.9
Jul 2012	880	14	17	715	11.6	88	72	448.00	580	118	1.9
Aug 2012	785	20	17	628	10.2	88	68	447.50	571	92	1.5
Sep 2012	758	13	15	548	9.2	64	148	446.81	557	89	1.5
WY 2012	9110	260	139	6628		973	1520			1500	
Oct 2012	585	20	12	455	7.4	27	113	446.31	548	72	1.2
Nov 2012	504	22	8	371	6.2	26	111	446.50	552	105	1.8
Dec 2012	439	20	6	296	4.8	27	125	446.50	552	118	1.9

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Hoover Dam - Lake Mead

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Hoover Static Head Feet	Hoover Generator Capacity MW	Hoover Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Jan 2010	634	10.3	1100.02	11493	330	452.24	1050.0	248.9	63	392.4
H	Feb 2010	400	7.2	1103.21	11780	288	456.23	1044.0	152.7	63	381.5
I	Mar 2010	889	14.5	1100.66	11550	-230	452.57	1272.0	353.9	75	398.0
S	Apr 2010	933	15.7	1098.00	11313	-237	451.78	1392.0	370.4	82	397.0
T	May 2010	961	15.6	1094.30	10987	-326	449.26	1371.0	378.0	82	393.4
O	Jun 2010	1007	16.9	1089.30	10556	-431	442.32	1556.0	390.5	94	387.7
R	Jul 2010	941	15.3	1086.97	10357	-198	441.50	1640.0	360.3	100	382.9
I	Aug 2010	829	13.5	1086.91	10352	-5	443.45	1617.0	313.3	100	378.0
C	Sep 2010	758	12.7	1083.81	10092	-261	439.46	1617.0	285.1	100	375.9
	WY 2010	9260							3589.4		
A	Oct 2010	638	10.4	1082.36	9971	-121	440.25	1104.0	241.3	68	378.5
L	Nov 2010	800	13.4	1081.94	9936	-35	437.87	1185.0	305.1	74	381.4
*	Dec 2010	660	10.7	1086.30	10301	365	439.05	1388.0	246.5	87	373.5
	Jan 2011	516	8.4	1092.55	10835	534	440.09	1103.0	204.5	69	396.6
	Feb 2011	599	10.8	1097.58	11276	441	443.46	1425.0	234.6	88	391.6
	Mar 2011	1021	16.6	1097.77	11292	16	446.32	1325.0	411.6	82	403.1
	Apr 2011	1141	19.2	1095.82	11120	-172	445.45	1256.0	469.7	79	411.8
	May 2011	1032	16.8	1096.50	11180	60	442.55	1573.0	408.4	100	395.7
	Jun 2011	961	16.1	1097.66	11283	103	443.79	1561.0	378.8	100	394.4
	Jul 2011	901	14.6	1100.41	11528	245	446.22	1555.0	359.1	100	398.7
	Aug 2011	789	12.8	1104.11	11862	334	449.58	1562.0	318.8	100	403.9
	Sep 2011	612	10.3	1105.00	11943	82	453.00	1549.0	245.5	100	401.3
	WY 2011	9669							3824.1		
	Oct 2011	473	7.7	1107.52	12175	232	458.90	1253.0	191.2	81	404.5
	Nov 2011	660	11.1	1108.75	12289	114	464.50	964.0	274.3	62	415.8
	Dec 2011	546	8.9	1112.00	12593	304	462.78	1278.0	219.8	81	402.3
	Jan 2012	684	11.1	1114.70	12849	256	464.26	1188.0	281.7	74	412.1
	Feb 2012	669	11.6	1116.78	13049	200	464.76	1332.0	276.8	82	413.4
	Mar 2012	1004	16.3	1114.17	12799	-250	464.19	1314.0	418.5	81	417.0
	Apr 2012	1139	19.1	1110.85	12486	-313	460.13	1415.0	479.8	88	421.4
	May 2012	985	16.0	1108.92	12305	-181	456.17	1626.0	398.0	100	404.0
	Jun 2012	841	14.1	1108.66	12281	-24	455.41	1626.0	347.7	100	413.3
	Jul 2012	888	14.4	1109.34	12344	63	456.11	1626.0	368.5	100	414.8
	Aug 2012	811	13.2	1110.92	12492	148	457.40	1626.0	333.7	100	411.5
	Sep 2012	681	11.4	1111.03	12502	10	459.38	1626.0	276.2	100	405.4
	WY 2012	9381							3866.0		
	Oct 2012	465	7.6	1113.43	12729	226	464.84	1315.3	189.4	81	407.6
	Nov 2012	575	9.7	1114.44	12825	96	470.28	1004.8	239.9	62	417.4
	Dec 2012	557	9.1	1116.75	13046	221	467.98	1312.7	227.0	81	407.3

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Davis Dam - Lake Mohave

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Davis Static Head Feet	Davis Generator Capacity MW	Davis Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Jan 2010	456	7.4	644.34	1736	153	144.98	204.0	57.9	80	127.1
H	Feb 2010	442	8.0	642.31	1680	-56	138.83	216.8	56.9	85	128.6
I	Mar 2010	862	14.0	642.17	1676	-4	138.67	249.9	109.8	98	127.5
S	Apr 2010	878	14.8	642.94	1697	21	141.04	255.0	111.0	100	126.4
T	May 2010	937	15.2	642.30	1680	-17	140.64	255.0	118.5	100	126.4
O	Jun 2010	912	15.3	643.98	1726	46	140.66	255.0	115.5	100	126.6
R	Jul 2010	913	14.8	643.57	1714	-11	141.98	242.2	115.3	95	126.4
I	Aug 2010	838	13.6	641.95	1670	-44	140.67	255.0	105.9	100	126.4
C	Sep 2010	833	14.0	638.40	1575	-95	137.24	255.0	102.6	100	123.1
	WY 2010	8816							1104.5		
A	Oct 2010	766	12.5	633.10	1437	-138	129.52	209.1	92.1	82	120.2
L	Nov 2010	631	10.6	638.09	1567	130	137.83	153.0	77.2	60	122.5
*	Dec 2010	553	9.0	641.21	1650	84	141.87	168.3	67.8	66	122.6
	Jan 2011	471	7.7	642.00	1671	21	137.66	153.0	59.7	60	126.6
	Feb 2011	585	10.5	642.00	1671	0	137.97	155.5	73.6	61	125.9
	Mar 2011	966	15.7	643.05	1700	29	136.89	206.6	120.4	81	124.6
	Apr 2011	1110	18.7	643.00	1699	-2	137.46	204.0	137.9	80	124.2
	May 2011	1000	16.3	643.00	1699	0	136.04	255.0	124.9	100	124.9
	Jun 2011	960	16.1	642.00	1671	-27	135.51	255.0	119.5	100	124.5
	Jul 2011	892	14.5	641.50	1658	-14	134.73	255.0	110.9	100	124.3
	Aug 2011	763	12.4	641.50	1658	0	134.46	255.0	95.2	100	124.8
	Sep 2011	688	11.6	638.00	1564	-94	132.62	255.0	85.0	100	123.5
	WY 2011	9386							1164.2		
	Oct 2011	593	9.6	633.00	1434	-130	128.65	237.2	71.4	93	120.4
	Nov 2011	589	9.9	635.00	1486	51	127.14	234.6	70.1	92	118.9
	Dec 2011	428	7.0	638.71	1583	97	130.00	239.7	52.5	94	122.6
	Jan 2012	577	9.4	641.80	1666	83	134.16	219.3	72.0	86	124.7
	Feb 2012	655	11.4	641.80	1666	0	135.05	244.8	82.1	96	125.4
	Mar 2012	943	15.3	643.05	1700	34	135.44	255.0	117.5	100	124.7
	Apr 2012	1108	18.6	643.00	1699	-2	136.07	255.0	137.7	100	124.2
	May 2012	953	15.5	643.00	1699	0	136.04	255.0	119.3	100	125.1
	Jun 2012	841	14.1	642.00	1671	-27	135.51	255.0	105.2	100	125.1
	Jul 2012	880	14.3	641.50	1658	-14	134.73	255.0	109.4	100	124.4
	Aug 2012	785	12.8	641.50	1658	0	134.46	255.0	97.9	100	124.7
	Sep 2012	758	12.7	638.00	1564	-94	132.62	255.0	93.3	100	123.1
	WY 2012	9110							1128.3		
	Oct 2012	585	9.5	633.00	1434	-130	128.65	237.2	70.5	93	120.4
	Nov 2012	504	8.5	635.00	1486	51	127.14	234.6	60.2	92	119.5
	Dec 2012	439	7.1	638.71	1583	97	130.00	239.7	53.8	94	122.6

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T E M R E S E R V O I R S

Bureau of Reclamation - CRFS 1/2011 Most Prob Water Supply 10-jan-2011 11:53:21
Parker Dam - Lake Havasu

		Power Release 1000 Ac-Ft	Power Release 1000 CFS	EOM Reservoir Elevation Feet	EOM Storage 1000 Ac-Ft	Change_In Storage 1000 Ac-Ft	Parker Static Head Feet	Parker Generator Capacity MW	Parker Gross Energy MKWH	Percent Of Units Available	KWH/AF
*	Jan 2010	233	3.8	448.89	597	29	82.98	66.0	15.6	55	66.8
H	Feb 2010	331	6.0	446.29	548	-49	78.17	90.0	22.8	75	68.8
I	Mar 2010	668	10.9	447.15	564	16	81.28	90.0	45.4	75	67.9
S	Apr 2010	670	11.3	448.61	592	28	81.42	90.0	46.8	75	69.8
T	May 2010	662	10.8	448.83	596	4	81.45	115.2	46.0	96	69.6
O	Jun 2010	650	10.9	448.64	592	-4	80.58	120.0	46.4	100	71.3
R	Jul 2010	743	12.1	448.61	592	-1	82.51	120.0	50.9	100	68.4
I	Aug 2010	646	10.5	448.20	584	-8	81.98	120.0	44.7	100	69.2
C	Sep 2010	583	9.8	446.95	560	-24	80.89	103.2	41.6	86	71.4
	WY 2010	6298							436.8		
A	Oct 2010	465	7.6	449.14	602	42	82.79	90.0	31.4	75	67.4
L	Nov 2010	428	7.2	447.59	572	-30	79.41	91.2	30.4	76	71.1
*	Dec 2010	290	4.7	448.10	582	10	82.60	104.4	19.7	87	67.9
	Jan 2011	343	5.6	447.00	561	-21	76.09	94.8	22.2	79	64.6
	Feb 2011	448	8.1	446.50	552	-9	74.96	102.0	29.1	85	65.0
	Mar 2011	708	11.5	446.70	555	4	74.01	120.0	46.0	100	64.9
	Apr 2011	793	13.3	448.70	593	38	75.08	120.0	52.4	100	66.0
	May 2011	704	11.5	448.70	593	0	76.05	120.0	46.8	100	66.5
	Jun 2011	675	11.3	448.70	593	0	76.05	120.0	44.8	100	66.5
	Jul 2011	733	11.9	448.00	580	-13	75.71	120.0	48.6	100	66.3
	Aug 2011	618	10.1	447.50	571	-10	75.13	120.0	40.5	100	65.5
	Sep 2011	526	8.8	446.81	557	-13	74.55	120.0	34.1	100	64.8
	WY 2011	6731							445.9		
	Oct 2011	438	7.1	446.31	548	-9	74.77	102.0	28.3	85	64.5
	Nov 2011	372	6.2	446.50	552	3	74.62	102.0	23.8	85	64.0
	Dec 2011	287	4.7	446.50	552	0	74.71	102.0	18.0	85	62.9
	Jan 2012	347	5.6	446.50	552	0	74.71	102.0	22.1	85	63.7
	Feb 2012	444	7.7	446.50	552	0	73.92	120.0	28.5	100	64.0
	Mar 2012	704	11.4	446.70	555	4	74.01	120.0	45.7	100	64.9
	Apr 2012	813	13.7	448.70	593	38	75.08	120.0	53.7	100	66.1
	May 2012	692	11.3	448.70	593	0	76.05	120.0	46.0	100	66.4
	Jun 2012	641	10.8	448.70	593	0	76.05	120.0	42.5	100	66.4
	Jul 2012	715	11.6	448.00	580	-13	75.71	120.0	47.3	100	66.3
	Aug 2012	628	10.2	447.50	571	-10	75.13	120.0	41.2	100	65.6
	Sep 2012	548	9.2	446.81	557	-13	74.55	120.0	35.6	100	64.9
	WY 2012	6628							432.7		
	Oct 2012	455	7.4	446.31	548	-9	74.77	102.0	29.4	85	64.7
	Nov 2012	371	6.2	446.50	552	3	74.62	102.0	23.7	85	64.0
	Dec 2012	296	4.8	446.50	552	0	74.71	102.0	18.7	85	63.1

O P E R A T I O N P L A N F O R C O L O R A D O R I V E R S Y S T Y M R E S E R V O I R S

Bureau of Reclamation - CRFS 1/2011 Most Prob Water Supply 10-jan-2011 11:53:21

Upper Basin Power

		Glen Canyon 1000 MWHR	Flam Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Res 1000 MWHR	Font Res 1000 MWHR
*	Jan 2010	401	43	12	16	8	3
H	Feb 2010	279	34	11	14	4	3
I	Mar 2010	269	23	9	11	6	3
	Winter 2010	1945	228	77	95	46	13
S	Apr 2010	265	19	13	19	13	3
T	May 2010	267	39	31	45	21	3
O	Jun 2010	272	54	15	22	18	4
R	Jul 2010	368	38	30	34	20	8
I	Aug 2010	366	40	27	33	19	6
C	Sep 2010	217	42	25	32	19	2
	Summer 2010	1755	231	142	186	109	25
A	Oct 2010	226	30	24	29	16	0
L	Nov 2010	369	24	7	9	4	4
*	Dec 2010	382	26	8	9	4	4
	Jan 2011	415	25	13	17	9	4
	Feb 2011	403	24	18	24	12	4
	Mar 2011	406	27	25	33	17	6
	Winter 2011	2201	156	95	121	62	22
	Apr 2011	386	26	24	36	20	6
	May 2011	454	44	41	61	23	6
	Jun 2011	478	93	32	47	22	8
	Jul 2011	518	45	36	43	23	10
	Aug 2011	493	45	35	41	21	7
	Sep 2011	306	43	31	37	19	3
	Summer 2011	2635	297	198	265	129	41
	Oct 2011	315	45	23	28	15	7
	Nov 2011	340	43	18	23	12	6
	Dec 2011	371	44	21	27	14	6
	Jan 2012	369	44	23	29	15	6
	Feb 2012	335	41	16	21	11	5
	Mar 2012	292	44	10	14	8	5
	Winter 2012	2023	263	112	143	74	35
	Apr 2012	334	43	14	21	12	5
	May 2012	337	52	32	49	23	6
	Jun 2012	376	78	19	30	21	9
	Jul 2012	434	29	35	42	23	10
	Aug 2012	423	29	38	45	23	8
	Sep 2012	308	28	35	42	21	6
	Summer 2012	2211	260	173	229	124	45
	Oct 2012	318	29	24	29	15	6
	Nov 2012	300	28	14	18	10	6
	Dec 2012	342	29	22	27	14	6

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model_run_id = 2084

F L O O D C O N T R O L C R I T E R I A
B E G I N N I N G O F M O N T H C O N D I T I O N S

MON	YEAR	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	LAKE POWELL KAF	UPPER BASIN TOTAL KAF	LAKE MEAD KAF	TOTAL KAF	FLAMING GORGE KAF	BLUE MESA KAF	NAVAJO KAF	TOT OR MAX ALLOW KAF	LAKE POWELL KAF	LAKE MEAD KAF	TOTAL KAF	BOM SPACE REQD KAF	MEAD SCHED REL KAF	MEAD FC REL KAF	SYS CONT MAF
		* * * * P R E D I C T E D S P A C E * * * *							* * * * C R E D I T A B L E S P A C E * * * *									
JAN	2011	772	272	334	9853	11232	17076	28308	772	272	334	1379	9853	17076	28308	5350	516	0	32.4
									* * * * E F F E C T I V E S P A C E * * * *									
JAN	2011	772	272	334	9853	11232	17076	28308	580	249	234	1064	9853	17076	27993	5350	516	0	32.4
FEB	2011	804	291	351	10378	11824	16542	28366	610	270	250	1130	10378	16542	28050	1500	599	0	32.2
MAR	2011	833	331	352	10882	12397	16101	28498	637	312	250	1199	10882	16101	28182	1500	1021	0	32.0
APR	2011	833	368	307	11199	12707	16085	28792	632	366	200	1198	11199	16085	28482	1500	1141	0	32.1
MAY	2011	754	339	227	11083	12403	16257	28660	544	339	100	983	11083	16257	28323	1500	1032	0	33.9
JUN	2011	566	226	202	9701	10695	16197	26892	340	226	43	608	9701	16197	26507	1500	961	0	36.4
JUL	2011	335	26	233	7700	8295	16094	24389	94	1	26	121	7700	16094	23915	1500	901	0	36.7
									* * * * C R E D I T A B L E S P A C E * * * *									
AUG	2011	259	27	258	7633	8177	15849	24026	259	27	258	544	7633	15849	24026	1500	789	0	36.5
SEP	2011	299	76	286	8104	8766	15515	24281	299	76	286	662	8104	15515	24281	2270	612	0	36.1
OCT	2011	370	136	297	8257	9060	15434	24494	370	136	297	803	8257	15434	24494	3040	473	0	36.0
NOV	2011	440	173	291	8410	9313	15202	24515	440	173	291	903	8410	15202	24515	3810	660	0	35.8
DEC	2011	509	202	291	8616	9619	15088	24707	509	202	291	1003	8616	15088	24707	4580	546	0	35.8
JAN	2012	596	248	300	8943	10087	14784	24871	596	248	300	1144	8943	14784	24871	5350	684	0	35.6
									* * * * E F F E C T I V E S P A C E * * * *									
JAN	2012	596	248	300	8943	10087	14784	24871	306	248	214	768	8943	14784	24495	5350	684	0	35.6
FEB	2012	677	301	312	9273	10564	14528	25091	387	301	225	913	9273	14528	24714	1500	669	0	35.4
MAR	2012	746	333	312	9564	10955	14328	25283	455	333	224	1012	9564	14328	24904	1500	1004	0	35.1
APR	2012	767	334	266	9678	11045	14578	25623	472	334	172	978	9678	14578	25234	1500	1139	0	35.0
MAY	2012	748	310	173	9710	10942	14891	25833	447	310	60	818	9710	14891	25418	1500	985	0	36.0
JUN	2012	635	222	187	8704	9747	15072	24820	323	220	41	584	8704	15072	24360	1500	841	0	37.7
JUL	2012	466	38	240	7296	8039	15096	23135	139	11	46	195	7296	15096	22586	1500	888	0	38.0
									* * * * C R E D I T A B L E S P A C E * * * *									
AUG	2012	346	27	246	7166	7785	15033	22818	346	27	246	619	7166	15033	22818	1500	811	0	37.6
SEP	2012	346	77	269	7531	8223	14885	23108	346	77	269	692	7531	14885	23108	2270	681	0	37.2
OCT	2012	377	146	277	7721	8521	14875	23396	377	146	277	800	7721	14875	23396	3040	465	0	37.1
NOV	2012	406	185	278	7912	8781	14648	23429	406	185	278	869	7912	14648	23429	3810	575	0	37.0
DEC	2012	437	201	278	8075	8992	14552	23544	437	201	278	917	8075	14552	23544	4580	557	0	36.9

To: All Annual Operating Plan Recipients

From: Lower Colorado Region
Boulder Canyon Operations Office
River Operations Group
Bruce Williams
P.O. Box 61470
Boulder City, NV 89006-1470
Phone: 702-293-8571

RECLAMATION
Managing Water in the West

The operation of Lake Powell and Lake Mead in this February 2011 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines), and reflects the 2011 Annual Operating Plan (AOP). Pursuant to the Interim Guidelines, the Lake Powell operational tier for water year 2011 is the Upper Elevation Balancing Tier. The Intentionally Created Surplus (ICS) Surplus condition is the criterion governing the operation of Lake Mead for calendar year 2011.

Consistent with Section 6.B.3 of the Interim Guidelines, if the April 24-Month study projects the September 30 Lake Powell elevation to be greater than the 2011 Equalization elevation of 3,643.0 feet with an annual release from Lake Powell of 8.23 maf, the Equalization Tier will govern operations of Lake Powell for the remainder of the water year. Consistent with this provision, the February 24-Month Study projects an adjustment to the Equalization Tier will occur in April. If such an adjustment occurs, the water year release volume from Lake Powell is projected to be 11.48 maf.

Based on analysis of a range of inflow scenarios, the current probability of realizing an inflow volume that would trigger Equalization in 2011 is approximately 71 percent.

The Interim Guidelines are available for download at http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The 2011 AOP is available for download at http://www.usbr.gov/uc/water/rsvrs/ops/aop/AOP11_final.pdf.

Current runoff projections into Lake Powell are provided by the National Weather Service's Colorado Basin River Forecast Center and are as follows: Observed unregulated inflow into Lake Powell for the month of January 2011 was 0.380 maf or 94% of the 30-year average. The forecast for February 2011 unregulated inflow into Lake Powell is 0.350 maf or 83% of the 30-year average. Forecasted 2011 April through July unregulated inflow is 9.00 maf or 113% of average.

In this study, the Calendar Year (CY) 2011 diversion for Metropolitan Water District of Southern California (MWD) is forecasted to be 0.914 maf. The CY 2011 diversion for the Central Arizona Project (CAP) is forecasted to be 1.536 maf. Consumptive use for Nevada above Hoover is forecasted to be 0.292 maf for CY 2011.

Due to declining Lake Mead elevations, Hoover's generator capacity is adjusted based on estimated effective capacity and plant availability. The estimated effective capacity is based on projected Lake Mead elevations. Unit capacity tests will be performed as the lake elevation changes in 2-foot increments. This study reflects these changes in the projections.

Hoover, Davis, and Parker historical gross energy figures come from PO&M reports provided by the Lower Colorado Region's Power Management Office, Bureau of Reclamation, Boulder City, Nevada. Questions regarding these historical energy numbers can be directed to Larry Karr at (702) 293-8094.

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 2011 24-Month Study

Most Probable Inflow*

Fontenelle Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Feb 2010	23	0	55	0	55	6471.41	125
H	Mar 2010	43	0	56	0	56	6468.40	112
I	Apr 2010	63	1	47	1	48	6471.88	127
S	May 2010	40	1	49	0	49	6469.44	117
T	Jun 2010	251	2	50	1	51	6502.04	314
O	Jul 2010	134	3	91	22	113	6504.39	333
R	Aug 2010	50	2	68	0	68	6501.76	312
I	Sep 2010	29	2	26	35	61	6497.33	279
	WY 2010	**781**	**14**	**530**	**233**	**763**		
C	Oct 2010	31	1	5	55	59	6493.24	250
A	Nov 2010	34	1	53	1	54	6490.17	229
L	Dec 2010	37	1	55	0	55	6487.27	210
*	Jan 2011	29	1	55	0	55	6482.87	183
	Feb 2011	32	1	51	0	51	6479.33	163
	Mar 2011	48	0	69	0	69	6474.92	141
	Apr 2011	100	1	95	6	101	6474.54	139
	May 2011	215	1	101	53	154	6485.55	199
	Jun 2011	360	2	103	158	262	6499.51	295
	Jul 2011	175	3	101	28	129	6505.09	338
	Aug 2011	79	2	100	4	105	6501.56	311
	Sep 2011	48	2	37	30	67	6498.76	290
	WY 2011	**1188**	**15**	**826**	**336**	**1162**		
	Oct 2011	49	1	69	0	69	6495.76	268
	Nov 2011	41	1	67	0	67	6492.03	242
	Dec 2011	32	1	69	0	69	6486.28	204
	Jan 2012	30	1	69	0	69	6479.57	164
	Feb 2012	28	0	65	0	65	6471.86	127
	Mar 2012	52	0	69	0	69	6467.60	109
	Apr 2012	89	1	83	0	83	6468.93	115
	May 2012	176	1	86	0	86	6486.19	203
	Jun 2012	307	2	103	111	214	6499.35	294
	Jul 2012	185	3	101	34	135	6505.46	341
	Aug 2012	82	2	86	0	86	6504.69	335
	Sep 2012	48	2	71	0	71	6501.59	311
	WY 2012	**1121**	**15**	**939**	**145**	**1084**		
	Oct 2012	49	1	73	0	73	6498.16	285
	Nov 2012	41	1	71	0	71	6493.97	255
	Dec 2012	32	1	73	0	73	6487.73	213
	Jan 2013	30	1	73	0	73	6480.54	170

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2091

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 2011 24-Month Study

Most Probable Inflow*

Flaming Gorge Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	Feb 2010	29	61	2	87	0	87	128	6025.55	3181	113
H	Mar 2010	69	81	3	60	0	60	129	6026.01	3198	121
I	Apr 2010	96	81	5	49	0	49	130	6026.69	3223	237
S	May 2010	72	81	8	101	0	101	129	6025.97	3196	537
T	Jun 2010	387	187	10	138	0	138	130	6026.97	3234	736
O	Jul 2010	151	130	13	96	0	96	131	6027.51	3254	195
R	Aug 2010	54	72	12	100	0	100	129	6026.47	3215	135
I	Sep 2010	22	54	10	106	0	106	127	6024.83	3154	127
	WY 2010	**1018**	**1000**	**79**	**1168**	**1**	**1169**				**2764**
C	Oct 2010	32	60	7	77	0	77	126	6024.21	3131	113
A	Nov 2010	31	52	4	63	0	63	125	6023.83	3117	107
L	Dec 2010	45	64	2	68	0	68	125	6023.67	3111	114
*	Jan 2011	44	70	2	68	0	68	125	6023.69	3112	525
	Feb 2011	40	59	2	67	0	67	125	6023.44	3103	67
	Mar 2011	70	91	3	60	0	60	126	6024.19	3131	60
	Apr 2011	155	156	5	57	0	57	130	6026.65	3222	57
	May 2011	340	279	8	117	0	117	135	6030.54	3370	117
	Jun 2011	480	382	11	218	0	218	141	6034.26	3517	218
	Jul 2011	205	159	14	126	0	126	142	6034.71	3535	126
	Aug 2011	92	118	13	126	0	126	141	6034.19	3514	126
	Sep 2011	57	77	12	122	0	122	139	6032.81	3459	122
	WY 2011	**1592**	**1566**	**82**	**1167**	**0**	**1167**				**1752**
	Oct 2011	59	80	8	126	0	126	137	6031.49	3407	126
	Nov 2011	50	76	4	122	0	122	135	6030.27	3359	122
	Dec 2011	36	73	2	126	0	126	133	6028.89	3307	126
	Jan 2012	41	80	2	126	0	126	131	6027.68	3261	126
	Feb 2012	46	83	2	118	0	118	130	6026.73	3225	118
	Mar 2012	104	121	3	126	0	126	129	6026.53	3217	126
	Apr 2012	142	136	5	122	0	122	130	6026.77	3226	122
	May 2012	265	175	8	150	0	150	130	6027.22	3243	150
	Jun 2012	399	306	10	214	0	214	134	6029.28	3321	214
	Jul 2012	218	168	14	108	0	108	135	6030.46	3367	108
	Aug 2012	96	100	13	108	0	108	135	6029.95	3347	108
	Sep 2012	58	81	11	104	0	104	133	6029.08	3314	104
	WY 2012	**1515**	**1478**	**80**	**1549**	**0**	**1549**				**1549**
	Oct 2012	59	84	7	108	0	108	132	6028.30	3284	108
	Nov 2012	50	80	3	104	0	104	131	6027.59	3257	104
	Dec 2012	36	77	2	108	0	108	130	6026.76	3226	108
	Jan 2013	41	84	2	108	0	108	129	6026.11	3201	108

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2091

Processed On: 2/8/2011 5:07:27PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 2011 24-Month Study

Most Probable Inflow*

Taylor Park Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Feb 2010	4	6	9306.55	65
H	Mar 2010	4	6	9305.31	63
I	Apr 2010	11	6	9308.40	67
S	May 2010	22	9	9316.36	80
T	Jun 2010	35	18	9325.55	97
O	Jul 2010	10	20	9320.19	87
R	Aug 2010	10	17	9316.06	80
I	Sep 2010	6	14	9311.57	72
_	**WY 2010**	**121**	**122**		
C	Oct 2010	7	6	9312.21	73
A	Nov 2010	4		9312.27	74
L	Dec 2010	5	5	9312.71	74
*	Jan 2011	5	5	9312.70	74
	Feb 2011	3	6	9310.86	71
	Mar 2011	3	10	9306.56	65
	Apr 2011	8	14	9302.68	59
	May 2011	34	24	9309.35	69
	Jun 2011	53	22	9326.83	100
	Jul 2011	20	20	9326.67	100
	Aug 2011	10	13	9325.01	96
	Sep 2011	7	13	9321.79	90
	WY 2011	**159**	**137**		
	Oct 2011	6	10	9319.70	86
	Nov 2011	5	6	9319.10	85
	Dec 2011	4	6	9318.24	84
	Jan 2012	4	6	9317.23	82
	Feb 2012	4	6	9315.96	80
	Mar 2012	4	6	9314.94	78
	Apr 2012	8	12	9312.75	74
	May 2012	27	22	9315.82	80
	Jun 2012	43	22	9327.11	100
	Jul 2012	20	22	9326.30	99
	Aug 2012	10	22	9319.94	87
	Sep 2012	7	16	9314.82	78
	WY 2012	**144**	**156**		
	Oct 2012	6	10	9312.53	74
	Nov 2012	5	6	9311.87	73
	Dec 2012	4	6	9310.92	71
	Jan 2013	4	6	9309.80	70

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2091

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 2011 24-Month Study

Most Probable Inflow*

Blue Mesa Reservoir

	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Feb 2010	22	24	0	38	0	38	7485.33	546
H	Mar 2010	29	30	0	33	0	33	7484.88	542
I	Apr 2010	96	92	1	45	0	45	7490.80	588
S	May 2010	143	131	1	110	6	116	7492.59	602
T	Jun 2010	205	186	1	51	0	51	7508.76	735
O	Jul 2010	50	60	1	98	0	98	7504.17	696
R	Aug 2010	56	63	1	92	0	92	7500.54	666
I	Sep 2010	23	31	1	86	0	86	7493.54	609
	WY 2010	**725**	**727**	**8**	**754**	**6**	**760**		
C	Oct 2010	29	29	1	85	0	85	7486.20	552
A	Nov 2010	27	27	0	24	0	24	7486.60	555
L	Dec 2010	30	29	0	27	0	27	7486.84	557
*	Jan 2011	23	23	0	27	0	27	7486.34	553
	Feb 2011	22	25	0	64	0	64	7481.09	514
	Mar 2011	34	41	0	88	0	88	7474.44	466
	Apr 2011	83	89	1	100	0	100	7472.72	454
	May 2011	255	245	1	122	0	122	7489.36	576
	Jun 2011	325	294	1	70	0	70	7516.01	799
	Jul 2011	112	112	2	108	0	108	7516.32	802
	Aug 2011	59	62	1	121	0	121	7509.49	741
	Sep 2011	35	41	1	112	0	112	7501.04	670
	WY 2011	**1035**	**1017**	**9**	**948**	**0**	**948**		
	Oct 2011	36	39	1	68	0	68	7497.49	641
	Nov 2011	31	32	0	38	0	38	7496.67	634
	Dec 2011	25	27	0	80	0	80	7489.90	581
	Jan 2012	24	26	0	79	0	79	7482.88	527
	Feb 2012	22	24	0	56	0	56	7478.53	495
	Mar 2012	34	36	0	36	0	36	7478.46	495
	Apr 2012	73	77	1	48	0	48	7482.28	523
	May 2012	212	207	1	118	0	118	7493.73	611
	Jun 2012	271	250	1	68	0	68	7515.13	791
	Jul 2012	121	122	2	110	0	110	7516.32	802
	Aug 2012	62	74	1	122	0	122	7510.70	752
	Sep 2012	36	45	1	113	0	113	7502.64	683
	WY 2012	**946**	**959**	**9**	**937**	**0**	**937**		
	Oct 2012	36	39	1	72	0	72	7498.63	650
	Nov 2012	31	32	0	42	0	42	7497.32	639
	Dec 2012	25	27	0	85	0	85	7489.90	581
	Jan 2013	24	26	0	79	0	79	7482.88	527

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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February 2011 24-Month Study

Most Probable Inflow*

Morrow Point Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Feb 2010	22	38	1	38	41	0	41	7147.10	107
H	Mar 2010	29	33	1	34	34	0	34	7147.29	107
I	Apr 2010	107	45	11	57	55	0	55	7149.84	109
S	May 2010	159	116	16	132	129	0	129	7154.46	113
T	Jun 2010	216	51	12	63	64	0	64	7153.15	112
O	Jul 2010	51	98	1	98	96	0	96	7156.02	114
R	Aug 2010	56	92	1	93	93	0	93	7155.63	114
I	Sep 2010	23	86	0	87	92	0	92	7148.78	108
	WY 2010	**773**	**760**	**48**	**807**	**805**	**0**	**805**		
C	Oct 2010	30	85	1	86	82	0	82	7153.88	112
A	Nov 2010	29	24	1	25		0	26	7152.79	111
L	Dec 2010	30	27	0	28	27	0	27	7153.98	112
*	Jan 2011	23	27	0	27	27	0	27	7153.70	112
	Feb 2011	25	64	3	67	67	0	67	7153.73	112
	Mar 2011	38	88	4	92	92	0	92	7153.73	112
	Apr 2011	95	100	12	112	112	0	112	7153.73	112
	May 2011	290	122	35	157	157	0	157	7153.73	112
	Jun 2011	345	70	20	90	90	0	90	7153.73	112
	Jul 2011	115	108	3	111	111	0	111	7153.73	112
	Aug 2011	61	121	2	123	123	0	123	7153.73	112
	Sep 2011	38	112	2	114	114	0	114	7153.73	112
	WY 2011	**1119**	**948**	**85**	**1032**	**1002**	**0**	**1028**		
	Oct 2011	38	68	3	71	71	0	71	7153.73	112
	Nov 2011	33	38	2	40	40	0	40	7153.73	112
	Dec 2011	27	80	2	82	82	0	82	7153.73	112
	Jan 2012	26	79	2	81	81	0	81	7153.73	112
	Feb 2012	25	56	3	59	59	0	59	7153.73	112
	Mar 2012	38	36	4	40	40	0	40	7153.73	112
	Apr 2012	84	48	11	59	59	0	59	7153.73	112
	May 2012	237	118	25	143	143	0	143	7153.73	112
	Jun 2012	292	68	21	89	89	0	89	7153.73	112
	Jul 2012	127	110	7	117	117	0	117	7153.73	112
	Aug 2012	65	122	4	126	126	0	126	7153.73	112
	Sep 2012	39	113	3	116	116	0	116	7153.73	112
	WY 2012	**1033**	**937**	**86**	**1023**	**1023**	**0**	**1023**		
	Oct 2012	38	72	3	75	75	0	75	7153.73	112
	Nov 2012	33	42	2	44	44	0	44	7153.73	112
	Dec 2012	27	85	2	87	87	0	87	7153.73	112
	Jan 2013	26	79	2	81	81	0	81	7153.73	112

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Managing Water in the West

February 2011 24-Month Study

Most Probable Inflow*

Crystal Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
*	Feb 2010	25	41	3	44	25	17	42	6751.67	17	1	43
H	Mar 2010	33	34	4	38	38	0	38	6751.84	17	1	38
I	Apr 2010	118	55	11	66	66	0	66	6750.96	16	34	34
S	May 2010	179	129	20	148	108	36	148	6752.53	17	60	91
T	Jun 2010	242	64	25	89	89	0	89	6752.91	17	56	39
O	Jul 2010	55	96	4	100	100	0	100	6751.15	16	69	39
R	Aug 2010	61	93	5	98	98	0	98	6749.05	16	68	37
I	Sep 2010	26	92	3	95	95	0	95	6748.16	16	63	36
	WY 2010	**859**	**805**	**86**	**891**	**824**	**63**	**890**			**415**	**528**
C	Oct 2010	34	82	4	86	85	0	85	6750.41	16	51	33
A	Nov 2010	32	26	4	30	30	0	30	6748.60	16		29
L	Dec 2010	34	27	4	31	31	0	31	6748.24	16	1	30
*	Jan 2011	27	27	4	31	30	1	31	6749.02	16		30
	Feb 2011	29	67	4	71	70	0	70	6753.04	17	0	70
	Mar 2011	44	92	6	98	98	0	98	6753.04	17	5	93
	Apr 2011	107	112	12	124	124	0	124	6753.04	17	30	94
	May 2011	320	157	30	187	134	53	187	6753.04	17	55	132
	Jun 2011	385	90	40	130	130	0	130	6753.04	17	60	70
	Jul 2011	138	111	23	134	134	0	134	6753.04	17	65	69
	Aug 2011	71	123	10	134	134	0	134	6753.04	17	65	69
	Sep 2011	45	114	7	121	121	0	121	6753.04	17	55	66
	WY 2011	**1267**	**1028**	**147**	**1176**	**1121**	**54**	**1174**			**387**	**785**
	Oct 2011	44	71	6	77	77	0	77	6753.04	17	30	47
	Nov 2011	38	40	5	45	45	0	45	6753.04	17	0	45
	Dec 2011	32	82	5	87	87	0	87	6753.04	17	0	87
	Jan 2012	31	81	5	86	86	0	86	6753.04	17	0	86
	Feb 2012	29	59	4	63	63	0	63	6753.04	17	0	63
	Mar 2012	46	40	7	47	47	0	47	6753.04	17	5	42
	Apr 2012	96	59	12	71	71	0	71	6753.04	17	30	41
	May 2012	272	143	35	178	134	44	178	6753.04	17	55	123
	Jun 2012	330	89	38	128	128	0	128	6753.04	17	60	68
	Jul 2012	144	117	17	134	134	0	134	6753.04	17	65	69
	Aug 2012	74	126	8	134	134	0	134	6753.04	17	65	69
	Sep 2012	45	116	6	122	122	0	122	6753.04	17	55	67
	WY 2012	**1183**	**1023**	**150**	**1173**	**1129**	**44**	**1173**			**365**	**808**
	Oct 2012	44	75	6	81	81	0	81	6753.04	17	30	51
	Nov 2012	38	44	5	49	49	0	49	6753.04	17	0	49
	Dec 2012	32	87	5	92	92	0	92	6753.04	17	0	92
	Jan 2013	31	81	5	86	86	0	86	6753.04	17	0	86

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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Managing Water in the West

February 2011 24-Month Study

Most Probable Inflow*

Vallecito Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Feb 2010	3	4	7630.95	46
H	Mar 2010	3	8	7628.45	42
I	Apr 2010	27	4	7640.13	65
S	May 2010	69	20	7660.32	113
T	Jun 2010	46	42	7661.51	116
O	Jul 2010	12	37	7651.21	90
R	Aug 2010	19	33	7645.00	75
I	Sep 2010	10	26	7637.70	59
	WY 2010	**210**	**196**		
C	Oct 2010	12	13	7636.95	58
A	Nov 2010	7	2	7639.20	63
L	Dec 2010	6	2	7641.20	67
*	Jan 2011	5	2	7642.53	70
	Feb 2011	4	1	7643.67	72
	Mar 2011	7	2	7645.78	77
	Apr 2011	22	1	7654.20	97
	May 2011	75	53	7662.55	119
	Jun 2011	70	63	7664.97	125
	Jul 2011	23	42	7657.71	106
	Aug 2011	16	38	7648.67	84
	Sep 2011	16	30	7642.46	70
	WY 2011	**261**	**248**		
	Oct 2011	14	17	7640.77	66
	Nov 2011	8	3	7643.06	71
	Dec 2011	6	3	7644.22	74
	Jan 2012	5	3	7645.01	75
	Feb 2012	5	3	7645.69	77
	Mar 2012	8	2	7648.41	83
	Apr 2012	22	1	7656.64	103
	May 2012	69	53	7662.64	119
	Jun 2012	78	72	7664.59	124
	Jul 2012	31	42	7660.36	113
	Aug 2012	19	38	7652.87	94
	Sep 2012	17	30	7647.56	81
	WY 2012	**282**	**267**		
	Oct 2012	14	13	7647.78	82
	Nov 2012	8	6	7648.77	84
	Dec 2012	6	5	7649.34	85
	Jan 2013	5	3	7650.19	87

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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February 2011 24-Month Study

Most Probable Inflow*

Navajo Reservoir

	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azetea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Farmington Flow (1000 Ac-Ft)
*	Feb 2010	16	0	16	1	0	27	6049.04	1214	43
H	Mar 2010	64	1	68	1	3	31	6051.78	1247	52
I	Apr 2010	222	22	179	2	12	28	6062.79	1384	75
S	May 2010	264	35	182	4	26	30	6071.80	1506	126
T	Jun 2010	152	27	116	5	40	33	6074.50	1544	118
O	Jul 2010	15	2	39	5	47	58	6069.52	1474	72
R	Aug 2010	39	2	52	4	35	41	6067.48	1446	69
I	Sep 2010	24	1	39	3	25	45	6064.97	1412	57
	WY 2010	**855**	**89**	**753**	**29**	**202**	**423**			**802**
C	Oct 2010	25	0	27	2	8	36	6063.49	1393	46
A	Nov 2010	17	0	12	1	1	29	6062.08	1374	46
L	Dec 2010	23	0	19	1	1	30	6061.11	1362	42
*	Jan 2011	16	0	13	1	1	31	6059.58	1342	46
	Feb 2011	22	0	19	1	1	28	6058.75	1332	28
	Mar 2011	72	2	65	2	4	31	6060.98	1360	31
	Apr 2011	145	11	113	3	17	30	6065.88	1424	30
	May 2011	290	41	227	4	28	85	6073.80	1534	85
	Jun 2011	225	28	190	5	43	147	6073.48	1529	147
	Jul 2011	40	9	50	5	46	33	6071.12	1496	33
	Aug 2011	30	2	50	4	39	43	6068.56	1461	43
	Sep 2011	36	0	50	3	22	35	6067.82	1451	35
	WY 2011	**941**	**94**	**834**	**29**	**210**	**556**			**611**
	Oct 2011	40	0	44	2	8	31	6068.06	1454	31
	Nov 2011	33	0	28	1	0	30	6067.85	1451	30
	Dec 2011	24	0	21	1	0	31	6067.10	1441	31
	Jan 2012	22	0	20	1	0	31	6066.25	1429	31
	Feb 2012	30	0	29	1	0	28	6066.25	1429	28
	Mar 2012	88	1	81	2	4	31	6069.52	1474	31
	Apr 2012	174	16	137	3	17	34	6075.45	1558	34
	May 2012	279	35	227	4	29	200	6075.06	1552	200
	Jun 2012	246	27	213	5	44	212	6071.72	1505	212
	Jul 2012	74	4	81	5	47	37	6071.19	1497	37
	Aug 2012	43	2	60	4	40	42	6069.38	1472	42
	Sep 2012	42	1	54	3	22	36	6068.84	1465	36
	WY 2012	**1096**	**85**	**996**	**30**	**210**	**742**			**742**
	Oct 2012	40	0	40	2	8	31	6068.78	1464	31
	Nov 2012	33	0	31	1	0	30	6068.76	1464	30
	Dec 2012	24	0	22	1	0	31	6068.10	1454	31
	Jan 2013	22	0	20	1	0	31	6067.24	1443	31

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Most Probable Inflow*

Lake Powell

	Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry (1000 Ac-Ft)
*	Feb 2010	260	350	10	631	0	631	3620.16	17873	13780	644
H	Mar 2010	478	475	17	602	0	602	3619.41	17809	13701	612
I	Apr 2010	944	717	26	602	0	602	3620.50	17782	13816	614
S	May 2010	1399	1224	32	601	0	601	3625.96	17784	14405	612
T	Jun 2010	2776	2321	53	601	0	601	3638.82	17993	15864	612
O	Jul 2010	674	706	65	802	0	802	3636.52	18099	15596	824
R	Aug 2010	504	608	64	802	0	802	3634.55	18069	15369	826
I	Sep 2010	277	461	58	480	0	480	3633.66	18093	15267	490
	WY 2010	**8634**	**8674**	**444**	**8234**	**0**	**8235**				**8419**
C	Oct 2010	362	512	41	495	0	495	3634.08	18022	15315	502
A	Nov 2010	438	474	39	810	0	810	3630.31	18074	14888	826
L	Dec 2010	416	446	30	847	0	847	3626.54	18062	14469	865
*	Jan 2011	381	429	9	997	0	997	3620.55	18132	13822	1015
	Feb 2011	350	424	10	933	0	933	3615.98	18093	13342	933
	Mar 2011	625	634	16	1000	0	1000	3612.55	18065	12988	1000
	Apr 2011	1150	981	25	1200	0	1200	3610.32	18047	12763	1200
	May 2011	2950	2459	30	930	0	930	3623.61	18158	14150	930
	Jun 2011	3550	3026	52	1085	0	1085	3639.12	18298	15899	1085
	Jul 2011	1350	1314	66	1285	0	1285	3638.83	18295	15865	1285
	Aug 2011	567	717	64	1184	0	1184	3634.59	18256	15373	1184
	Sep 2011	460	622	58	714	0	714	3633.37	18245	15234	714
	WY 2011	**12599**	**12039**	**440**	**11480**	**0**	**11480**				**11539**
	Oct 2011	514	612	40	738	0	738	3632.02	18232	15080	738
	Nov 2011	523	599	38	800	0	800	3630.05	18215	14858	800
	Dec 2011	414	566	30	875	0	875	3627.22	18190	14544	875
	Jan 2012	384	533	9	875	0	875	3624.25	18164	14219	875
	Feb 2012	398	501	10	800	0	800	3621.59	18141	13933	800
	Mar 2012	628	599	17	600	0	600	3621.44	18139	13917	600
	Apr 2012	950	798	27	600	0	600	3622.92	18152	14075	600
	May 2012	2161	1938	33	600	0	600	3633.80	18249	15283	600
	Jun 2012	2811	2460	55	800	0	800	3646.38	18368	16769	800
	Jul 2012	1346	1237	69	975	0	975	3647.84	18382	16948	975
	Aug 2012	566	678	69	949	0	949	3645.26	18357	16633	949
	Sep 2012	460	599	63	714	0	714	3643.90	18344	16469	714
	WY 2012	**11154**	**11120**	**460**	**9326**	**0**	**9326**				**9326**
	Oct 2012	514	597	43	738	0	738	3642.48	18330	16298	738
	Nov 2012	523	585	41	800	0	800	3640.49	18311	16061	800
	Dec 2012	414	553	32	875	0	875	3637.70	18285	15733	875
	Jan 2013	384	514	10	875	0	875	3634.74	18257	15390	875

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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February 2011 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Glen Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Feb 2010	631	112	30	400	7.2	6	399	766	1103.21	11780
H	Mar 2010	602	87	33	889	14.5	12	868	751	1100.66	11550
I	Apr 2010	602	138	41	933	15.7	19	856	735	1098.00	11313
S	May 2010	601	87	47	961	15.6	28	933	714	1094.30	10987
T	Jun 2010	601	30	55	1007	16.9	27	1006	686	1089.30	10556
O	Jul 2010	802	29	68	941	15.3	33	937	673	1086.97	10357
R	Aug 2010	802	126	72	829	13.5	33	823	673	1086.91	10352
I	Sep 2010	480	82	59	758	12.7	23	755	656	1083.81	10092
	WY 2010	**8235**	**928**	**564**	**9260**		**235**	**9039**			
C	Oct 2010	495	80	42	638	10.4	24	607	648	1082.36	9971
A	Nov 2010	810	13	42	800	13.4	18	795	646	1081.94	9936
L	Dec 2010	847	248	37	660	10.7	9	630	670	1086.30	10301
*	Jan 2011	997	76	31	540	8.8	10	526	700	1091.73	10765
	Feb 2011	933	135	29	629	11.3	19	629	723	1095.94	11130
	Mar 2011	1000	101	33	989	16.1	25	989	727	1096.52	11181
	Apr 2011	1200	71	41	1173	19.7	21	1173	729	1096.91	11216
	May 2011	930	73	47	1032	16.8	32	1032	722	1095.77	11115
	Jun 2011	1085	28	56	961	16.1	27	961	727	1096.50	11180
	Jul 2011	1285	61	71	904	14.7	29	904	748	1100.11	11501
	Aug 2011	1184	106	77	792	12.9	31	792	771	1104.15	11866
	Sep 2011	714	71	64	615	10.3	23	615	776	1105.00	11944
	WY 2011	**11480**	**1062**	**569**	**9732**		**269**	**9653**			
	Oct 2011	738	55	47	494	8.0	27	494	790	1107.30	12155
	Nov 2011	800	54	47	660	11.1	26	660	797	1108.52	12268
	Dec 2011	875	57	41	546	8.9	22	546	817	1111.76	12571
	Jan 2012	875	135	34	682	11.1	20	682	834	1114.48	12829
	Feb 2012	800	135	32	679	11.8	18	679	846	1116.51	13023
	Mar 2012	600	101	35	994	16.2	24	994	825	1113.04	12691
	Apr 2012	600	71	43	1141	19.2	20	1141	792	1107.68	12190
	May 2012	600	73	49	982	16.0	31	982	769	1103.72	11826
	Jun 2012	800	28	58	845	14.2	26	845	762	1102.66	11731
	Jul 2012	975	61	73	887	14.4	28	887	765	1103.16	11776
	Aug 2012	949	106	77	798	13.0	31	798	775	1104.69	11915
	Sep 2012	714	71	64	669	11.2	22	669	776	1105.00	11944
	WY 2012	**9326**	**946**	**600**	**9376**		**296**	**9376**			
	Oct 2012	738	55	47	467	7.6	26	467	792	1107.58	12181
	Nov 2012	800	54	47	583	9.8	25	583	804	1109.58	12366
	Dec 2012	875	57	41	572	9.3	21	572	822	1112.56	12647
	Jan 2013	875	135	34	673	10.9	20	673	839	1115.36	12912

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 2011 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Feb 2010	400	-4	10	442	0	442	8.0	642.31	1680
H	Mar 2010	889	-18	13	862	0	862	14.0	642.17	1676
I	Apr 2010	933	-17	17	878	0	878	14.8	642.94	1697
S	May 2010	961	-19	22	937	0	937	15.2	642.30	1680
T	Jun 2010	1007	-23	25	912	0	912	15.3	643.98	1726
O	Jul 2010	941	-14	26	913	0	913	14.8	643.57	1714
R	Aug 2010	829	-12	23	838	0	838	13.6	641.95	1670
I	Sep 2010	758	-2	18	833	0	833	14.0	638.40	1575
	WY 2010	**9260**	**-172**	**197**	**8816**	**0**	**8816**			
C	Oct 2010	638	6	15	766	0	766	12.5	633.10	1437
A	Nov 2010	800	-29	10	631	0	631	10.6	638.09	1567
L	Dec 2010	660	-15	9	553	0	553	9.0	641.21	1650
*	Jan 2011	540	-7	10	502	0	502	8.2	641.95	1670
	Feb 2011	629	-5	10	614	0	614	11.0	642.00	1671
	Mar 2011	989	-14	13	962	0	962	15.6	642.00	1671
	Apr 2011	1173	-15	17	1114	0	1114	18.7	643.00	1699
	May 2011	1032	-10	22	1000	0	1000	16.3	643.00	1699
	Jun 2011	961	-2	25	960	0	960	16.1	642.00	1671
	Jul 2011	904	3	25	895	0	895	14.6	641.50	1658
	Aug 2011	792	-3	23	767	0	767	12.5	641.50	1658
	Sep 2011	615	1	18	692	0	692	11.6	638.00	1564
	WY 2011	**9732**	**-90**	**197**	**9456**	**0**	**9456**			
	Oct 2011	494	5	15	615	0	615	10.0	633.00	1434
	Nov 2011	660	-9	10	589	0	589	9.9	635.00	1486
	Dec 2011	546	-12	9	428	0	428	7.0	638.71	1583
	Jan 2012	682	-13	10	576	0	576	9.4	641.80	1666
	Feb 2012	679	-5	10	664	0	664	11.5	641.80	1666
	Mar 2012	994	-14	13	933	0	933	15.2	643.05	1700
	Apr 2012	1141	-15	17	1111	0	1111	18.7	643.00	1699
	May 2012	982	-10	22	950	0	950	15.5	643.00	1699
	Jun 2012	845	-2	25	845	0	845	14.2	642.00	1671
	Jul 2012	887	3	25	879	0	879	14.3	641.50	1658
	Aug 2012	798	-3	23	772	0	772	12.6	641.50	1658
	Sep 2012	669	1	18	745	0	745	12.5	638.00	1564
	WY 2012	**9376**	**-73**	**197**	**9106**	**0**	**9106**			
	Oct 2012	467	5	15	588	0	588	9.6	633.00	1434
	Nov 2012	583	-9	10	512	0	512	8.6	635.00	1486
	Dec 2012	572	-12	9	453	0	453	7.4	638.71	1583
	Jan 2013	673	-13	10	567	0	567	9.2	641.80	1666

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 2011 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	Feb 2010	442	10	8	331	6.0	66	91	446.29	548	141	2.5
H	Mar 2010	862	55	9	668	10.9	90	128	447.15	564	233	3.8
I	Apr 2010	878	34	11	670	11.3	43	153	448.61	592	210	3.5
S	May 2010	937	24	13	662	10.8	102	172	448.83	596	114	1.9
T	Jun 2010	912	23	16	650	10.9	91	171	448.64	592	113	1.9
O	Jul 2010	913	17	17	743	12.1	107	50	448.61	592	126	2.1
R	Aug 2010	838	21	17	646	10.5	108	84	448.20	584	101	1.6
I	Sep 2010	833	17	15	583	9.8	98	171	446.95	560	93	1.6
	WY 2010	**8816**	**318**	**140**	**6298**		**1043**	**1572**			**1619**	
C	Oct 2010	766	25	12	465	7.6	102	166	449.14	602	106	1.7
A	Nov 2010	631	38	9	428	7.2	98	159	447.59	572	114	1.9
L	Dec 2010	553	33	7	290	4.7	93	183	448.10	582	147	2.4
*	Jan 2011	502	8	6	391	6.4	52	89	446.40	550	141	2.3
	Feb 2011	614	40	8	466	8.4	18	154	446.50	552	153	2.8
	Mar 2011	962	45	9	708	11.5	99	184	446.50	552	208	3.4
	Apr 2011	1114	15	11	793	13.3	96	178	448.70	593	200	3.4
	May 2011	1000	11	13	704	11.5	99	184	448.70	593	111	1.8
	Jun 2011	960	7	16	675	11.3	96	168	448.70	593	112	1.9
	Jul 2011	895	14	17	733	11.9	84	75	448.00	580	118	1.9
	Aug 2011	767	20	17	618	10.1	74	75	447.50	571	92	1.5
	Sep 2011	692	13	15	526	8.8	73	95	446.81	557	89	1.5
	WY 2011	**9456**	**267**	**140**	**6797**		**983**	**1708**			**1592**	
	Oct 2011	615	20	12	438	7.1	74	112	446.31	548	72	1.2
	Nov 2011	589	22	8	372	6.2	73	148	446.50	552	105	1.8
	Dec 2011	428	20	6	287	4.7	76	74	446.50	552	118	1.9
	Jan 2012	576	34	6	351	5.7	83	165	446.50	552	122	2.0
	Feb 2012	664	40	8	458	8.0	76	156	446.50	552	153	2.7
	Mar 2012	933	45	9	700	11.4	83	174	446.70	555	208	3.4
	Apr 2012	1111	15	11	820	13.8	81	166	448.70	593	200	3.4
	May 2012	950	11	13	694	11.3	84	159	448.70	593	111	1.8
	Jun 2012	845	7	16	650	10.9	81	90	448.70	593	112	1.9
	Jul 2012	879	14	17	719	11.7	83	72	448.00	580	118	1.9
	Aug 2012	772	20	17	621	10.1	83	68	447.50	571	92	1.5
	Sep 2012	745	13	15	535	9.0	64	148	446.81	557	89	1.5
	WY 2012	**9106**	**260**	**139**	**6645**		**942**	**1532**			**1500**	
	Oct 2012	588	20	12	448	7.3	36	113	446.31	548	72	1.2
	Nov 2012	512	22	8	370	6.2	35	111	446.50	552	105	1.8
	Dec 2012	453	20	6	301	4.9	35	125	446.50	552	118	1.9
	Jan 2013	567	34	6	365	5.9	84	141	446.50	552	122	2.0

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 2011 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Feb 2010	400	7.2	1103.21	11780	288	456.23	1044.0	152.7	63	381.5
H	Mar 2010	889	14.5	1100.66	11550	-230	452.57	1272.0	353.9	75	398.0
I	Apr 2010	933	15.7	1098.00	11313	-237	451.78	1392.0	370.4	82	397.0
S	May 2010	961	15.6	1094.30	10987	-326	449.26	1371.0	378.0	82	393.4
T	Jun 2010	1007	16.9	1089.30	10556	-431	442.32	1556.0	390.5	94	387.7
O	Jul 2010	941	15.3	1086.97	10357	-198	441.50	1640.0	360.3	100	382.9
R	Aug 2010	829	13.5	1086.91	10352	-5	443.45	1617.0	313.3	100	378.0
I	Sep 2010	758	12.7	1083.81	10092	-261	439.46	1617.0	285.1	100	375.9
	WY 2010	**9260**							**3589.4**		
C	Oct 2010	638	10.4	1082.36	9971	-121	440.25	1104.0	241.3	68	378.5
A	Nov 2010	800	13.4	1081.94	9936	-35	437.87	1185.0	305.1	74	381.4
L	Dec 2010	660	10.7	1086.30	10301	365	439.05	1388.0	246.5	87	373.5
*	Jan 2011	540	8.8	1091.73	10765	463	446.84	1103.0	200.9	69	372.4
	Feb 2011	629	11.3	1095.94	11130	367	442.25	1425.0	247.6	88	393.4
	Mar 2011	989	16.1	1096.52	11181	51	445.23	1325.0	395.6	82	400.1
	Apr 2011	1173	19.7	1096.91	11216	34	445.71	1256.0	485.1	79	413.6
	May 2011	1032	16.8	1095.77	11115	-101	442.72	1573.0	408.6	100	395.9
	Jun 2011	961	16.1	1096.50	11180	64	442.85	1561.0	378.1	100	393.6
	Jul 2011	904	14.7	1100.11	11501	321	445.49	1555.0	360.0	100	398.3
	Aug 2011	792	12.9	1104.15	11866	365	449.45	1562.0	320.2	100	404.0
	Sep 2011	615	10.3	1105.00	11944	78	453.02	1549.0	247.0	100	401.6
	WY 2011	**9732**							**3836.0**		
	Oct 2011	494	8.0	1107.30	12155	211	458.79	1253.0	201.0	81	406.8
	Nov 2011	660	11.1	1108.52	12268	113	464.27	964.0	274.1	62	415.6
	Dec 2011	546	8.9	1111.76	12571	303	462.55	1278.0	219.7	81	402.2
	Jan 2012	682	11.1	1114.48	12829	258	464.04	1188.0	280.7	74	411.7
	Feb 2012	679	11.8	1116.51	13023	194	464.52	1332.0	281.0	82	414.0
	Mar 2012	994	16.2	1113.04	12691	-331	463.49	1314.0	413.3	81	415.8
	Apr 2012	1141	19.2	1107.68	12190	-501	457.99	1415.0	479.1	88	419.8
	May 2012	982	16.0	1103.72	11826	-364	452.01	1626.0	400.7	100	408.1
	Jun 2012	845	14.2	1102.66	11731	-96	449.85	1626.0	345.6	100	408.9
	Jul 2012	887	14.4	1103.16	11776	45	450.06	1626.0	363.7	100	409.8
	Aug 2012	798	13.0	1104.69	11915	140	451.23	1626.0	323.7	100	405.8
	Sep 2012	669	11.2	1105.00	11944	28	453.29	1626.0	267.3	100	399.7
	WY 2012	**9376**							**3849.8**		
	Oct 2012	467	7.6	1107.58	12181	237	458.93	1315.3	188.7	81	403.9
	Nov 2012	583	9.8	1109.58	12366	186	464.94	1004.8	241.6	62	414.4
	Dec 2012	572	9.3	1112.56	12647	280	463.48	1312.7	231.9	81	405.7
	Jan 2013	673	10.9	1115.36	12912	266	464.88	1202.8	277.0	74	411.5

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 2011 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Feb 2010	442	8.0	642.31	1680	-56	138.83	216.8	56.9	85	128.6
H	Mar 2010	862	14.0	642.17	1676	-4	138.67	249.9	109.8	98	127.5
I	Apr 2010	878	14.8	642.94	1697	21	141.04	255.0	111.0	100	126.4
S	May 2010	937	15.2	642.30	1680	-17	140.64	255.0	118.5	100	126.4
T	Jun 2010	912	15.3	643.98	1726	46	140.66	255.0	115.5	100	126.6
O	Jul 2010	913	14.8	643.57	1714	-11	141.98	242.3	115.3	95	126.4
R	Aug 2010	838	13.6	641.95	1670	-44	140.67	255.0	105.9	100	126.4
I	Sep 2010	833	14.0	638.40	1575	-95	137.24	255.0	102.6	100	123.1
	WY 2010	**8816**							**1104.5**		
C	Oct 2010	766	12.5	633.10	1437	-138	129.52	209.1	92.1	82	120.2
A	Nov 2010	631	10.6	638.09	1567	130	137.83	153.0	77.2	60	122.5
L	Dec 2010	553	9.0	641.21	1650	84	141.87	168.3	67.8	66	122.6
*	Jan 2011	502	8.2	641.95	1670	20	140.42	153.0	63.3	60	125.9
	Feb 2011	614	11.0	642.00	1671	1	137.95	155.6	77.1	61	125.7
	Mar 2011	962	15.6	642.00	1671	0	136.36	206.6	119.5	81	124.2
	Apr 2011	1114	18.7	643.00	1699	27	136.93	204.0	137.8	80	123.7
	May 2011	1000	16.3	643.00	1699	0	136.04	255.0	124.9	100	124.9
	Jun 2011	960	16.1	642.00	1671	-27	135.51	255.0	119.5	100	124.5
	Jul 2011	895	14.6	641.50	1658	-14	134.73	255.0	111.3	100	124.3
	Aug 2011	767	12.5	641.50	1658	0	134.46	255.0	95.6	100	124.8
	Sep 2011	692	11.6	638.00	1564	-94	132.62	255.0	85.4	100	123.5
	WY 2011	**9456**							**1171.5**		
	Oct 2011	615	10.0	633.00	1434	-130	128.65	237.2	73.9	93	120.2
	Nov 2011	589	9.9	635.00	1486	51	127.14	234.6	70.0	92	118.9
	Dec 2011	428	7.0	638.71	1583	97	130.00	239.7	52.4	94	122.6
	Jan 2012	576	9.4	641.80	1666	83	134.16	219.3	71.8	86	124.8
	Feb 2012	664	11.5	641.80	1666	0	135.05	244.8	83.2	96	125.3
	Mar 2012	933	15.2	643.05	1700	34	135.44	255.0	116.4	100	124.7
	Apr 2012	1111	18.7	643.00	1699	-2	136.07	255.0	138.0	100	124.2
	May 2012	950	15.5	643.00	1699	0	136.04	255.0	118.9	100	125.1
	Jun 2012	845	14.2	642.00	1671	-27	135.51	255.0	105.7	100	125.1
	Jul 2012	879	14.3	641.50	1658	-14	134.73	255.0	109.3	100	124.4
	Aug 2012	772	12.6	641.50	1658	0	134.46	255.0	96.3	100	124.7
	Sep 2012	745	12.5	638.00	1564	-94	132.62	255.0	91.8	100	123.2
	WY 2012	**9106**							**1127.7**		
	Oct 2012	588	9.6	633.00	1434	-130	128.65	237.2	70.8	93	120.4
	Nov 2012	512	8.6	635.00	1486	51	127.14	234.6	61.2	92	119.4
	Dec 2012	453	7.4	638.71	1583	97	130.00	239.7	55.5	94	122.5
	Jan 2013	567	9.2	641.80	1666	83	134.16	219.3	70.8	86	124.8

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 2011 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Feb 2010	331	6.0	446.29	548	-49	78.17	90.0	22.8	75	68.8
H	Mar 2010	668	10.9	447.15	564	16	81.28	90.0	45.4	75	67.9
I	Apr 2010	670	11.3	448.61	592	28	81.42	90.0	46.8	75	69.8
S	May 2010	662	10.8	448.83	596	4	81.45	115.2	46.0	96	69.6
T	Jun 2010	650	10.9	448.64	592	-4	80.58	120.0	46.4	100	71.3
O	Jul 2010	743	12.1	448.61	592	-1	82.51	120.0	50.9	100	68.4
R	Aug 2010	646	10.5	448.20	584	-8	81.98	120.0	44.7	100	69.2
I	Sep 2010	583	9.8	446.95	560	-24	80.89	103.2	41.6	86	71.4
	WY 2010	**6298**							**436.8**		
C	Oct 2010	465	7.6	449.14	602	42	82.79	90.0	31.4	75	67.4
A	Nov 2010	428	7.2	447.59	572	-30	79.41	91.2	30.4	76	71.1
L	Dec 2010	290	4.7	448.10	582	10	82.60	104.4	19.7	87	67.9
*	Jan 2011	391	6.4	446.40	550	-32	80.10	97.2	26.8	81	68.6
	Feb 2011	466	8.4	446.50	552	2	74.67	102.0	30.2	85	64.9
	Mar 2011	708	11.5	446.50	552	0	73.92	120.0	45.9	100	64.9
	Apr 2011	793	13.3	448.70	593	42	74.98	120.0	52.3	100	65.9
	May 2011	704	11.5	448.70	593	0	76.05	120.0	46.8	100	66.5
	Jun 2011	675	11.3	448.70	593	0	76.05	120.0	44.8	100	66.5
	Jul 2011	733	11.9	448.00	580	-13	75.71	120.0	48.6	100	66.3
	Aug 2011	618	10.1	447.50	571	-10	75.13	120.0	40.5	100	65.5
	Sep 2011	526	8.8	446.81	557	-13	74.55	120.0	34.1	100	64.8
	WY 2011	**6797**							**451.6**		
	Oct 2011	438	7.1	446.31	548	-9	74.77	102.0	28.3	85	64.5
	Nov 2011	372	6.2	446.50	552	3	74.62	102.0	23.8	85	64.0
	Dec 2011	287	4.7	446.50	552	0	74.71	102.0	18.0	85	62.9
	Jan 2012	351	5.7	446.50	552	0	74.71	102.0	22.4	85	63.8
	Feb 2012	458	8.0	446.50	552	0	73.92	120.0	29.3	100	64.1
	Mar 2012	700	11.4	446.70	555	4	74.01	120.0	45.5	100	64.9
	Apr 2012	820	13.8	448.70	593	38	75.08	120.0	54.2	100	66.1
	May 2012	694	11.3	448.70	593	0	76.05	120.0	46.1	100	66.5
	Jun 2012	650	10.9	448.70	593	0	76.05	120.0	43.1	100	66.4
	Jul 2012	719	11.7	448.00	580	-13	75.71	120.0	47.7	100	66.3
	Aug 2012	621	10.1	447.50	571	-10	75.13	120.0	40.7	100	65.5
	Sep 2012	535	9.0	446.81	557	-13	74.55	120.0	34.7	100	64.8
	WY 2012	**6645**							**433.8**		
	Oct 2012	448	7.3	446.31	548	-9	74.77	102.0	29.0	85	64.6
	Nov 2012	370	6.2	446.50	552	3	74.62	102.0	23.7	85	64.0
	Dec 2012	301	4.9	446.50	552	0	74.71	102.0	19.0	85	63.1
	Jan 2013	365	5.9	446.50	552	0	74.71	102.0	23.3	85	63.9

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2091

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 2011 24-Month Study

Most Probable Inflow*

Upper Basin Power

	Date	Glen Canyon 1000 MWHR	Flaming Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Reservoir 1000 MWHR	Fontenelle Reservoir 1000 MWHR
*	Feb 2010	279	34	11	14	4	3
H	Mar 2010	269	23	9	11	6	3
	Winter 2010	**1945**	**228**	**77**	**95**	**46**	**13**
I	Apr 2010	265	19	13	19	13	3
S	May 2010	267	39	31	45	21	3
T	Jun 2010	272	54	15	22	18	4
O	Jul 2010	368	38	30	34	20	8
R	Aug 2010	366	40	27	33	19	6
I	Sep 2010	217	42	25	32	19	2
	Summer 2010	**1755**	**231**	**142**	**186**	**109**	**25**
C	Oct 2010	226	30	24	29	16	0
A	Nov 2010	369	24	7	9	4	4
L	Dec 2010	382	26	8	9	4	4
*	Jan 2011	445	26	8	9	4	4
	Feb 2011	383	24	19	24	12	4
	Mar 2011	407	22	25	33	17	5
	Winter 2011	**2211**	**153**	**90**	**114**	**58**	**21**
	Apr 2011	486	21	28	40	21	7
	May 2011	380	43	35	57	23	8
	Jun 2011	456	81	21	32	22	9
	Jul 2011	548	47	34	40	23	10
	Aug 2011	502	47	38	44	23	10
	Sep 2011	301	45	34	41	21	3
	Summer 2011	**2675**	**282**	**191**	**255**	**134**	**45**
	Oct 2011	311	46	21	25	13	6
	Nov 2011	336	45	11	14	8	6
	Dec 2011	366	46	24	30	15	6
	Jan 2012	364	46	23	29	15	5
	Feb 2012	331	43	16	21	11	5
	Mar 2012	247	46	10	14	8	4
	Winter 2012	**1953**	**273**	**105**	**134**	**70**	**32**
	Apr 2012	248	45	14	21	12	5
	May 2012	251	55	35	52	23	6
	Jun 2012	342	78	21	32	22	9
	Jul 2012	422	40	35	42	23	10
	Aug 2012	410	40	38	45	23	8
	Sep 2012	307	38	35	42	21	7
	Summer 2012	**1672**	**257**	**142**	**192**	**104**	**38**
	Oct 2012	317	39	22	27	14	7
	Nov 2012	343	38	13	16	9	6
	Dec 2012	373	39	25	32	16	6
	Jan 2013	371	39	23	29	15	6

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 2011 24-Month Study

Most Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions

Date	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Total KAF	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****EFFECTIVE SPACE****										
Feb 2011	799	276	354	10500	11929	16613	28542	645	276	310	1232	10500	16613	28346	1500	629	0	32.0
Mar 2011	828	316	364	10980	12487	16247	28734	672	316	319	1306	10980	16247	28533	1500	989	0	31.7
Apr 2011	822	363	336	11334	12855	16196	29050	662	363	285	1310	11334	16196	28839	1500	1173	0	31.7
May 2011	733	375	272	11559	12939	16161	29100	564	375	201	1140	11559	16161	28861	1500	1032	0	33.4
Jun 2011	525	253	162	10172	11112	16262	27374	341	253	60	654	10172	16262	27088	1500	961	0	35.7
Jul 2011	282	31	167	8423	8902	16197	25100	79	4	17	100	8423	16197	24720	1500	904	0	36.0
								****CREDITABLE SPACE****										
Aug 2011	221	28	200	8457	8905	15876	24782	221	28	200	449	8457	15876	24782	1500	792	0	35.7
Sep 2011	269	88	235	8949	9542	15511	25053	269	88	235	593	8949	15511	25053	2270	615	0	35.4
Oct 2011	345	160	245	9088	9838	15433	25272	345	160	245	750	9088	15433	25272	3040	494	0	35.2
Nov 2011	419	189	242	9242	10092	15222	25315	419	189	242	850	9242	15222	25315	3810	660	0	35.1
Dec 2011	493	195	245	9464	10397	15109	25506	493	195	245	933	9464	15109	25506	4580	546	0	35.0
Jan 2012	584	249	255	9778	10866	14806	25671	584	249	255	1088	9778	14806	25671	5350	682	0	34.9
								****EFFECTIVE SPACE****										
Jan 2012	584	249	255	9778	10866	14806	25671	252	242	216	710	9778	14806	25293	5350	682	0	34.9
Feb 2012	669	302	267	10103	11341	14548	25890	337	297	227	860	10103	14548	25512	1500	679	0	34.7
Mar 2012	742	334	267	10389	11732	14354	26087	409	331	226	965	10389	14354	25709	1500	994	0	34.4
Apr 2012	768	335	222	10405	11730	14686	26416	431	332	175	939	10405	14686	26030	1500	1141	0	34.2
May 2012	753	307	138	10247	11445	15187	26632	411	307	72	790	10247	15187	26223	1500	982	0	35.2
Jun 2012	648	219	144	9039	10050	15551	25600	296	213	45	554	9039	15551	25144	1500	845	0	36.9
Jul 2012	479	38	191	7553	8262	15646	23908	111	11	44	166	7553	15646	23365	1500	887	0	37.2
								****CREDITABLE SPACE****										
Aug 2012	386	28	199	7374	7987	15601	23588	386	28	199	613	7374	15601	23588	1500	798	0	36.9
Sep 2012	412	78	224	7689	8402	15462	23864	412	78	224	713	7689	15462	23864	2270	669	0	36.5
Oct 2012	469	146	231	7853	8700	15433	24134	469	146	231	847	7853	15433	24134	3040	467	0	36.3
Nov 2012	525	179	232	8024	8961	15196	24157	525	179	232	937	8024	15196	24157	3810	583	0	36.3
Dec 2012	582	190	232	8261	9265	15011	24276	582	190	232	1004	8261	15011	24276	4580	572	0	36.2
Jan 2013	655	249	242	8589	9734	14730	24465	655	249	242	1145	8589	14730	24465	5350	673	0	36.1
								****EFFECTIVE SPACE****										
Jan 2013	655	249	242	8589	9734	14730	24465	479	249	235	963	8589	14730	24282	5350	673	0	36.1

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2091

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March 24-Month Study
Date: March 9, 2011

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

Reservoir	February Inflow (unregulated) (acre-feet)	Percent of Average (%)	March 8 Midnight Elevation (feet)	Reservoir Storage (acre-feet)
Fontenelle	26,000	90	6476.99	151,000
Flaming Gorge	36,000	72	6023.55	3,107,000
Blue Mesa	21,000	92	7482.16	522,000
Navajo	17,600	58	6058.19	1,325,000
Powell	318,000	76	3613.74	13,110,000

Expected Operations

The operation of Lake Powell and Lake Mead in this March 2011 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines), and reflects the 2011 Annual Operating Plan (AOP). Pursuant to the Interim Guidelines, the Lake Powell operational tier for water year 2011 is the Upper Elevation Balancing Tier. The Intentionally Created Surplus (ICS) Surplus condition is the criterion governing the operation of Lake Mead for calendar year 2011.

Consistent with Section 6.B.3 of the Interim Guidelines, if the April 24-Month study projects the September 30 Lake Powell elevation to be greater than the 2011 Equalization elevation of 3,643.0 feet with an annual release from Lake Powell of 8.23 maf, the Equalization Tier will govern operations of Lake Powell for the remainder of the water year. Consistent with this provision, the March 24-Month Study projects an adjustment to the Equalization Tier will occur in April. If such an adjustment occurs, the water year release volume from Lake Powell is projected to be 11.63 maf.

Reclamation estimates that an April adjustment to the Equalization Tier is very likely to occur in 2011. For this adjustment to not occur, the April-July inflow forecast volume would have to decrease from the current level (9.2 maf) to approximately 7.1 maf which would be a decrease of about 2.1 maf. In the past 32 years, only once has the forecast decreased by at least this volume from one month to the next. For this reason, Reclamation estimates the

probability of an April adjustment to the Equalization Tier in 2011 to be approximately 97 percent.

The Interim Guidelines are available for download at http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The 2011 AOP is available for download at http://www.usbr.gov/uc/water/rsvrs/ops/aop/AOP11_final.pdf.

Fontenelle Reservoir – Inflows for the month of February were 26,000 acre-feet, or 90% of average. The reservoir elevation is 6478 feet above sea level and 45% of capacity. Current inflows are approximately 450 cfs and reservoir releases are 900 cfs. Releases will likely be close to 900 cfs for the remainder of the winter months. The reservoir elevation will continue to decline until spring runoff begins to fill the reservoir.

The Colorado Basin River Forecast Center and Natural Resources Conservation Service have issued the joint water supply forecast for the 2011 spring runoff. The March official forecast for the April to July runoff period is 870 kaf (101%). Given this forecasted inflow, the reservoir is projected to fill late this summer and releases of up to approximately 4,500 cfs will likely be required for a month to safely route the inflow to the reservoir. Note that these projections are provisional and subject to change as forecasts are updated and actual inflows are realized. Inflows over the next three months are forecasted to be near average: 45,000 acre-ft (87%), 105,000 acre-ft (113%), and 230,000 acre-ft (117%) for March, April, and May respectively. Basin snowpack is currently 113% of the average for this time of year.

The next Fontenelle Working Group meeting is scheduled for April 21, 2011 at 10:00 am at the Seedskadee National Wildlife Refuge Visitor Center. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir.

Flaming Gorge Reservoir – February observed unregulated inflow into Flaming Gorge reservoir was 36,000 acre-feet (AF), or 72 percent of average inflow. The February end of month elevation was 6023.5 feet, which equates to 3.10 million acre-feet or 83 percent of live storage capacity. Releases out of Flaming Gorge are following a single peak fluctuation pattern with a daily average release rate of 950 cfs/day. Releases are scheduled to increase to an average daily release rate of 1,100 cfs/day beginning April 1, 2011. The hourly fluctuation pattern is still to be determined. Observed runoff, current conditions and changing forecasts will determine releases during the spring period.

The next Flaming Gorge Working Group meeting is scheduled for April 26, 2011, at 7:00 p.m. at the Western Park Convention Center, 302 East 200 South, Vernal, Utah. The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stake holders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations and plans presented by Reclamation

at these meetings. For more information on this group and these meetings please contact Heather Patno at 801-524-3883 or Ed Vidmar at 801-379-1182.

Aspinall Unit Reservoirs – February unregulated inflow into Blue Mesa Reservoir was 21,000 acre-feet or 92 percent of average. On March 4, 2011 the basin snowpack was 121 percent of average. Precipitation during February was 105 percent of average. The current inflow rate into Blue Mesa Reservoir is about 550 cfs while reservoir releases are averaging about 525 cfs. The reservoir elevation is currently at 7482.95 feet, which corresponds to a storage content of about 528,000 acre-feet. This elevation is about 2 feet lower than that of last year's March elevation.

The latest Water Supply Forecast for Water Year 2011 has been issued and the April through July unregulated inflow is forecasted to be at 800,000 acre-feet (111% of normal), this is a increase of 25,000 acre-feet from last month's forecast. If this forecast holds through May 1st, the Black Canyon Water Right would call for a one day peak flow of 6,370 cfs. At this time Reclamation plans to continue to operate the Aspinall Unit to allow the water right to be met. Based on this forecast and the combination of meeting the Black Canyon Water this coming spring, Blue Mesa Reservoir is projected to fill this runoff season. The projected fill is calculated to be about 7516.5 feet, or about 3.0 feet short of top of active conservation pool.

Releases from Crystal are currently set at 1100 cfs. The Gunnison Diversion Tunnel is currently shut down for the season, with the exception of some small 50 to 100 cfs diversions taken bi-weekly for municipal water needs in Montrose, Colorado. The tunnel is expected to reopen for irrigation season sometime during the last week of March.

Reservoir releases are likely to change during March into May as we respond to changing forecasts and runoff conditions.

The next meeting of the "Aspinall Unit Working Group" will be held on Thursday, April 21, 2011 starting at 1:00 PM in Reclamation's Grand Junction Office. At this meeting, review of this winter's reservoir operations, and plans for this spring and summer operations will be discussed. These meetings are open forum discussions on the Aspinall Unit reservoir operations with many interested groups participating. Anyone needing further information about these meetings should contact Dan Crabtree in the Grand Junction Area Office at (970) 248-0652.

Navajo Reservoir - As a result of forecasted cooler, wetter conditions in the San Juan River Basin, Reclamation decreased the release from Navajo Reservoir to 500 cfs on October 19, 2010. Reservoir releases are made for the authorized purposes of the Navajo Unit, and to attempt to maintain a target base flow through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell).

The San Juan River Basin Recovery Implementation Program recommends a target base flow of between 500 cfs and 1,000 cfs through the critical habitat area. The target base flow is calculated as the weekly average of gaged flows throughout the critical habitat area, therefore daily flows of less than 500 cfs may occur at some gages.

The current San Juan River basin snowpack is 93% of average snow water equivalent (SWE). For the Animas River Basin it is 103%. Pending significant changes in the weather and stream flow conditions, the reservoir release will likely remain at 500 cfs through this spring (2011).

Precipitation for the month of January in the San Juan River basin was about 75% of average as compared to December's 220% and January's 20 % of average. Unregulated inflow into Navajo Reservoir during the month of February was 17,600 acre-feet, or 58 percent of average. Currently, the daily reservoir inflow is averaging about 300 cfs. Diversions for NIIP have currently been shut down for the winter. The reservoir water surface elevation is at 6058.29 feet, which corresponds to a storage content of about 1,326,000 acre-feet.

A public meeting on Navajo Reservoir operations was held on Wednesday, April 20, 2011 in Farmington, New Mexico. At this meeting, review of this winter's reservoir operations, and plans for this spring and summer operations will be discussed. These are open forum discussions on the operation of Navajo Reservoir with many interested groups participating. Anyone interested in the general operation of the reservoir is encouraged to attend. Please contact Pat Page in Reclamation's Durango, Colorado Office at (970) 385-6560 for information about these meetings or the daily operation of Navajo Reservoir. To view minutes from the last Navajo Operations Meeting, click on: Meeting Notes.

Glen Canyon Dam / Lake Powell – The unregulated inflow volume to Lake Powell for February 2011 was 317 thousand acre-feet (kaf) which was 75% of average. The monthly volume of unregulated inflow to Lake Powell that was forecasted at the beginning of February by the Colorado River Forecast Center (CBRFC) was 350 kaf (83% of average).

Releases from Glen Canyon Dam are currently (as of March 8, 2011) averaging about 15,700 cubic feet per second (cfs) and this is well above the rate of inflow that Lake Powell is receiving. The elevation of Lake Powell is declining and is projected to decline by about 3.5 feet during March 2011 to approximately 3610.2 feet above sea level. When the snowpack begins to melt and inflows increase, which is projected to occur in late March or early April, the elevation of Lake Powell will begin to rise. It is currently projected that by late summer the elevation of Lake Powell will rebound to a peak elevation for water year 2011 of approximately 3638 feet above sea level. This elevation corresponds to a live storage in Lake Powell of approximately 15.8 million acre-feet (maf) which is 65% of capacity. The peak elevation of Lake Powell for water year 2011

will depend largely upon the inflow volume that Lake Powell receives over the next 4 months.

Current Dam Operations

The release volume scheduled for March is 1034 kaf. During the first 18 days of March, daily releases will fluctuate for power production between an afternoon peak of approximately 16,000 cfs and an early morning low release of approximately 14,500 cfs. On or about March 19, 2011, Glen Canyon Powerplant Unit 8 will return to service and 6 of the 8 generators will be available for power generation. When this occurs, daily fluctuations will increase such that afternoon peak releases will be approximately 19,600 cfs and early morning low releases will be approximately 14,000 cfs. This fluctuation pattern will likely remain in place until April 4, 2011. On April 4, 2011, Glen Canyon Powerplant Units 3 and 4 will be taken out of service for approximately 6 weeks for annual maintenance. At that time, releases from Glen Canyon Dam will likely be steady at approximately 16,000 cfs and will be maintained at that level to the end of April. The projected release volume for April, 2011 is 966 kaf.

In addition to daily operations that may or may not include daily fluctuation patterns for load following power generation, the instantaneous releases from Glen Canyon Dam may also fluctuate somewhat to provide approximately 40 megawatts of system regulation. These instantaneous releases adjustments maintain stable conditions within the electrical generation and transmission system and result in momentary release fluctuations within a range that is about 1100 cfs above or below the targeted release rate for a given hour of the day. These momentary fluctuations for regulation are very short lived and typically balance out over the hour. Spinning and non-spinning reserve generation can also occur at Glen Canyon Dam. When an unanticipated electrical outage event occurs within the electrical transmission system, reserve generation at Glen Canyon Dam can be called upon up to a maximum of 98 megawatts (approximately 2,600 cfs of release) for a duration of up to 2 hours. Under normal circumstances, calls for reserve generation occur fairly infrequently and are for much less than the required 98 megawatts.

Annual Operations-Coordinated Operation of Lake Mead and Lake Powell under Interim Guidelines for Water Year 2011

In August of 2010, the 24-Month Study model projected the January 1, 2010 elevation of Lake Powell and Lake Mead under the most probable inflow scenario. Pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines) and based on this August projection, the operational tier for water year 2011 was selected to be the Upper Elevation Balancing Tier. Under this operational tier, there is a possibility that the annual release volume from Lake Powell could be as low as 8.23 maf and there is also a possibility under this tier that Equalization or Balancing could occur which would result in an annual release volume greater than 8.23 maf.

For water year 2011, the possibility of Equalization or Balancing will dependent on the reservoir conditions of Lake Powell and Lake Mead that are projected for the end of water year in the April 24-Month Study. For this reason it will not be known for certain whether Equalization or Balancing will occur in water year 2011 until April. 24-Month Studies prior to April may project annual release volumes that reflect Equalization or Balancing, but these projections are preliminary and subject to change until April. In April, it will be know whether Equalization or Balancing will occur in water year 2011. It is possible that relatively small changes to the inflow forecast can have a large impact on the projected annual release volume.

Current Inflow Forecasts and Model Projections

Snowpack conditions above Lake Powell have persisted to be above average since late December 2010. The overall snowpack above Lake Powell on March 8, 2011 was 121% of average. The current Water Supply forecast for Lake Powell (April through July Unregulated Inflow Volume) is 9.2 maf (116% of average) and this forecast was issued by the CBRFC on March 3, 2011.

The unregulated inflow forecast for Lake Powell over the next 3 months is as follows: March-500 kaf (75% of average); April-1,100 kaf (112% of average) and May-2,900 kaf (126% of average). Incorporating these new forecasts with the current Water Supply forecast, the projected unregulated inflow volume to Lake Powell during water year 2011 is now 12.68 maf (105% of average). This is referred to as the current Most Probable water year unregulated inflow projection and there is a 50% chance that the actual unregulated inflow volume in water year 2011 will be greater than this projected volume. There is also a 50% chance that the actual unregulated inflow volume will be less than this volume. The current Minimum Probable water year unregulated inflow projection for water year 2011 (i.e. volume likely to be exceeded 90% of the time) is 9.7 maf (81% of average). The current Maximum Probable water year unregulated inflow projection for water year 2011 (i.e. volume likely to be exceeded 10% of the time) is 16.0 maf (133% of average).

The March 2011 24-Month Study, with the Most Probable water year unregulated inflow projection, projects that Equalization is likely to occur in 2011. The annual release volume from Lake Powell is projected for water year 2011 to be 11.63 maf. While it is still possible that Equalization will not occur in 2011, the probability that Equalization will occur is quite high. Reclamation estimates the probability that Equalization will be indicated in the April 24-month study to be about 97%.

For Equalization not to occur in 2011, the Water Supply forecast issued in April would have to be about 7.0 maf or less. Given that the current (March) Water Supply forecast is 9.2 maf, this forecast would have to drop by at least 2.2 maf in just one month. In the past 32 years that the CBRFC has been developing the Water Supply forecast for Lake Powell, there has only been one occurrence when the March Water Supply forecast decreased by more than 2.0 maf between March and April and this was in 2004 when the decrease was 2.5 maf.

Upper Colorado River Basin Hydrology

In the Upper Colorado River Basin during water year 2010, the overall precipitation accumulated through September 30, 2010 was approximately 90% of average based on the 30 year average for the period from 1971 through 2000. For Water Year 2011 thus far, the estimated monthly precipitation within the Upper Colorado River Basin (above Lake Powell) as a percentage of average has been: (October - 135%, November - 95%, December - 230%, January - 50%, February - 105%)

The Climate Prediction Center outlook (dated February 17, 2010) for temperature over the next 3 months indicates that temperatures in the Upper Colorado River Basin are expected to be above average while precipitation over the next 3 months is also projected to be below average.

Upper Colorado River Basin Drought

The Upper Colorado River Basin continues to experience a protracted multi-year drought. Since 1999, inflow to Lake Powell has been below average in every year except water years 2005 and 2008. In the summer of 1999, Lake Powell was close to full with reservoir storage at 23.5 million acre-feet, or 97 percent of capacity. During the next 5 years (2000 through 2004) unregulated inflow to Lake Powell was well below average. This resulted in Lake Powell storage decreasing during this period to 8.0 million acre-feet (33 percent of capacity) which occurred on April 8, 2005. During 2005, 2008 and 2009, drought conditions eased somewhat with net gains in storage to Lake Powell. As of March 7, 2011 the storage in Lake Powell was approximately 13.12 million acre-feet (53.9 % of capacity) which is below desired levels. The overall reservoir storage in the Colorado River Basin as of March 7, 2011 is approximately 31.76 million acre-feet (53.4 % of capacity).

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-430
125 SOUTH STATE STREET, ROOM 6107
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-3709

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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:	Obs			feb	Forecast		Outlook		
:	nov	dec	jan	feb %Avg	mar	apr	may	apr-jul	%Avg
GLDA3:Lake Powell	438	417	381	318 76%:	500/	1100/	2900/	9200/:	116%
GBRW4:Fontenelle	34	37	29	26 90%:	45/	105/	230/	870/:	101%
GRNU1:Flaming Gorge	31	45	44	36 72%:	70/	165/	360/	1210/:	102%
BMDC2:Blue Mesa	27	30	23	21 92%:	30/	90/	260/	800/:	111%
MPSC2:Morrow Point	29	30	23	21 80%:	34/	103/	290/	875/:	111%
CLSC2:Crystal	32	34	27	24 79%:	40/	116/	330/	985/:	108%
TPIC2:Taylor Park	4.4	5.4	4.6	4.0 103%:	3.1/	8/	35/	120/:	117%
VCRC2:Vallecito	6.6	6.2	4.8	4.2 90%:	5.5/	20/	69/	180/:	88%
NVRN5:Navajo	17.2	23	16.0	17.6 58%:	60/	128/	270/	650/:	83%
LEMC2:Lemon	1.41	1.05	0.76	0.65 81%:	1/	4.5/	21/	52/:	90%
MPHC2:McPhee	3.7	6.0	3.8	3.2e 67%:	15.8/	49/	117/	255/:	80%
RBSC2:Ridgway	5.2	4.7	3.9	3.2 92%:	/	/	/	105/:	103%

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Most Probable Inflow*

Fontenelle Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Mar 2010	43	0	56	0	56	6468.40	112
H	Apr 2010	63	1	47	1	48	6471.88	127
I	May 2010	40	1	49	0	49	6469.44	117
S	Jun 2010	251	2	50	1	51	6502.04	314
T	Jul 2010	134	3	91	22	113	6504.39	333
O	Aug 2010	50	2	68	0	68	6501.76	312
R	Sep 2010	29	2	26	35	61	6497.33	279
	WY 2010	**781**	**14**	**530**	**233**	**763**		
I	Oct 2010	31	1	5	55	59	6493.24	250
C	Nov 2010	34	1	53	1	54	6490.17	229
A	Dec 2010	37	1	55	0	55	6487.27	210
L	Jan 2011	29	1	55	0	55	6482.87	183
*	Feb 2011	26	1	50	0	50	6478.35	158
	Mar 2011	45	0	73	0	73	6472.37	129
	Apr 2011	105	1	94	7	101	6473.08	133
	May 2011	230	1	100	59	160	6485.89	201
	Jun 2011	365	2	103	164	268	6499.66	296
	Jul 2011	170	3	101	22	123	6505.37	341
	Aug 2011	78	2	100	4	105	6501.66	312
	Sep 2011	47	2	37	30	67	6498.85	290
	WY 2011	**1197**	**15**	**827**	**343**	**1170**		
	Oct 2011	49	1	69	0	69	6495.90	269
	Nov 2011	41	1	67	0	67	6492.21	243
	Dec 2011	32	1	69	0	69	6486.52	206
	Jan 2012	30	1	69	0	69	6479.93	166
	Feb 2012	28	0	64	0	64	6472.34	129
	Mar 2012	52	0	69	0	69	6468.20	112
	Apr 2012	89	1	83	0	83	6469.52	117
	May 2012	176	1	86	0	86	6486.57	206
	Jun 2012	307	2	104	106	210	6500.26	301
	Jul 2012	185	3	100	38	138	6505.93	345
	Aug 2012	82	2	89	0	89	6504.78	336
	Sep 2012	48	2	71	0	71	6501.71	312
	WY 2012	**1121**	**15**	**940**	**144**	**1084**		
	Oct 2012	49	1	73	0	73	6498.33	286
	Nov 2012	41	1	71	0	71	6494.19	257
	Dec 2012	32	1	73	0	73	6488.02	215
	Jan 2013	30	1	73	0	73	6480.94	172
	Feb 2013	28	1	66	0	66	6473.31	134

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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Most Probable Inflow*

Flaming Gorge Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	Mar 2010	69	81	3	60	0	60	129	6026.01	3198	121
H	Apr 2010	96	81	5	49	0	49	130	6026.69	3223	237
I	May 2010	72	81	8	101	0	101	129	6025.97	3196	537
S	Jun 2010	387	187	10	138	0	138	130	6026.97	3234	736
T	Jul 2010	151	130	13	96	0	96	131	6027.51	3254	195
O	Aug 2010	54	72	12	100	0	100	129	6026.47	3215	135
R	Sep 2010	22	54	10	106	0	106	127	6024.83	3154	127
	WY 2010	**1018**	**1000**	**79**	**1168**	**1**	**1169**				**2764**
I	Oct 2010	32	60	7	77	0	77	126	6024.21	3131	113
C	Nov 2010	31	52	4	63	0	63	125	6023.83	3117	107
A	Dec 2010	45	64	2	68	0	68	125	6023.67	3111	114
L	Jan 2011	44	70	2	68	0	68	125	6023.69	3112	525
*	Feb 2011	36	60	2	67	0	67	125	6023.47	3104	489
	Mar 2011	70	98	3	59	0	59	126	6024.42	3139	59
	Apr 2011	165	161	5	62	0	62	130	6026.85	3229	62
	May 2011	360	290	8	143	0	143	135	6030.37	3363	143
	Jun 2011	485	388	11	203	0	203	142	6034.60	3530	203
	Jul 2011	200	153	14	126	0	126	142	6034.91	3542	126
	Aug 2011	91	118	13	126	0	126	142	6034.39	3522	126
	Sep 2011	57	76	12	122	0	122	139	6033.00	3466	122
	WY 2011	**1616**	**1590**	**82**	**1183**	**0**	**1183**				**2190**
	Oct 2011	59	79	8	126	0	126	137	6031.68	3414	126
	Nov 2011	50	76	4	122	0	122	135	6030.44	3366	122
	Dec 2011	36	73	2	126	0	126	133	6029.07	3313	126
	Jan 2012	41	80	2	126	0	126	131	6027.85	3267	126
	Feb 2012	46	82	2	118	0	118	130	6026.89	3230	118
	Mar 2012	104	121	3	126	0	126	130	6026.68	3223	126
	Apr 2012	142	136	5	122	0	122	130	6026.93	3232	122
	May 2012	265	175	8	165	0	165	130	6026.98	3234	165
	Jun 2012	399	301	10	197	0	197	134	6029.36	3324	197
	Jul 2012	218	171	14	108	0	108	136	6030.61	3373	108
	Aug 2012	96	103	13	108	0	108	135	6030.18	3356	108
	Sep 2012	58	81	11	104	0	104	134	6029.31	3323	104
	WY 2012	**1515**	**1478**	**81**	**1547**	**0**	**1547**				**1547**
	Oct 2012	59	83	7	108	0	108	132	6028.52	3292	108
	Nov 2012	50	79	3	104	0	104	131	6027.80	3265	104
	Dec 2012	36	77	2	108	0	108	130	6026.97	3234	108
	Jan 2013	41	84	2	108	0	108	129	6026.31	3209	108
	Feb 2013	46	84	2	97	0	97	128	6025.91	3194	97

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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Most Probable Inflow*

Taylor Park Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Mar 2010	4	6	9305.31	63
H	Apr 2010	11	6	9308.40	67
I	May 2010	22	9	9316.36	80
S	Jun 2010	35	18	9325.55	97
T	Jul 2010	10	20	9320.19	87
O	Aug 2010	10	17	9316.06	80
R	Sep 2010	6	14	9311.57	72
	WY 2010	**121**	**122**		
I	Oct 2010	7	6	9312.21	73
C	Nov 2010	4		9312.27	74
A	Dec 2010	5	5	9312.71	74
L	Jan 2011	5	5	9312.70	74
*	Feb 2011	4	4	9312.51	74
	Mar 2011	3	10	9308.19	67
	Apr 2011	8	16	9302.81	59
	May 2011	35	24	9310.10	70
	Jun 2011	56	25	9327.43	101
	Jul 2011	21	25	9325.38	97
	Aug 2011	10	20	9320.17	87
	Sep 2011	7	14	9316.26	80
	WY 2011	**165**	**153**		
	Oct 2011	6	10	9314.02	76
	Nov 2011	5	6	9313.37	75
	Dec 2011	4	6	9312.44	74
	Jan 2012	4	6	9311.35	72
	Feb 2012	4	6	9309.96	70
	Mar 2012	4	6	9308.86	68
	Apr 2012	8	10	9307.78	66
	May 2012	27	16	9314.69	78
	Jun 2012	43	20	9327.14	100
	Jul 2012	20	21	9326.85	100
	Aug 2012	10	18	9322.68	92
	Sep 2012	7	14	9318.86	85
	WY 2012	**144**	**139**		
	Oct 2012	6	10	9316.70	81
	Nov 2012	5	6	9316.07	80
	Dec 2012	4	6	9315.18	78
	Jan 2013	4	6	9314.12	77
	Feb 2013	4	6	9312.92	75

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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Most Probable Inflow*

Blue Mesa Reservoir

	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Mar 2010	29	30	0	33	0	33	7484.88	542
H	Apr 2010	96	92	1	45	0	45	7490.80	588
I	May 2010	143	131	1	110	6	116	7492.59	602
S	Jun 2010	205	186	1	51	0	51	7508.76	735
T	Jul 2010	50	60	1	98	0	98	7504.17	696
O	Aug 2010	56	63	1	92	0	92	7500.54	666
R	Sep 2010	23	31	1	86	0	86	7493.54	609
	WY 2010	**725**	**727**	**8**	**754**	**6**	**760**		
I	Oct 2010	29	29	1	85	0	85	7486.20	552
C	Nov 2010	27	27	0	24	0	24	7486.60	555
A	Dec 2010	30	29	0	27	0	27	7486.84	557
L	Jan 2011	23	23	0	27	0	27	7486.34	553
*	Feb 2011	21	21	0	43	0	43	7483.46	532
	Mar 2011	30	37	0	89	0	89	7476.25	479
	Apr 2011	90	98	1	100	0	100	7475.87	476
	May 2011	260	249	1	144	0	144	7489.87	580
	Jun 2011	335	304	1	83	0	83	7516.13	800
	Jul 2011	115	119	2	115	0	115	7516.40	802
	Aug 2011	60	70	1	121	0	121	7510.45	750
	Sep 2011	36	43	1	112	0	112	7502.19	679
	WY 2011	**1056**	**1048**	**9**	**969**	**0**	**969**		
	Oct 2011	36	39	1	71	0	71	7498.29	647
	Nov 2011	31	32	0	41	0	41	7497.10	638
	Dec 2011	25	27	0	83	0	83	7490.00	581
	Jan 2012	24	26	0	79	0	79	7482.99	528
	Feb 2012	22	24	0	50	0	50	7479.46	502
	Mar 2012	34	36	0	30	0	30	7480.22	508
	Apr 2012	73	75	1	48	0	48	7483.73	534
	May 2012	212	201	1	120	0	120	7494.07	613
	Jun 2012	271	248	1	67	0	67	7515.33	793
	Jul 2012	121	121	2	110	0	110	7516.40	803
	Aug 2012	62	70	1	122	0	122	7510.33	749
	Sep 2012	36	43	1	113	0	113	7502.01	678
	WY 2012	**946**	**942**	**9**	**935**	**0**	**935**		
	Oct 2012	36	39	1	70	0	70	7498.23	647
	Nov 2012	31	32	0	40	0	40	7497.17	638
	Dec 2012	25	27	0	83	0	83	7490.00	581
	Jan 2013	24	26	0	79	0	79	7482.99	528
	Feb 2013	22	24	0	54	0	54	7478.88	498

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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Most Probable Inflow*

Morrow Point Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Mar 2010	29	33	1	34	34	0	34	7147.29	107
H	Apr 2010	107	45	11	57	55	0	55	7149.84	109
I	May 2010	159	116	16	132	129	0	129	7154.46	113
S	Jun 2010	216	51	12	63	64	0	64	7153.15	112
T	Jul 2010	51	98	1	98	96	0	96	7156.02	114
O	Aug 2010	56	92	1	93	93	0	93	7155.63	114
R	Sep 2010	23	86	0	87	92	0	92	7148.78	108
	WY 2010	**773**	**760**	**48**	**807**	**805**	**0**	**805**		
I	Oct 2010	30	85	1	86	82	0	82	7153.88	112
C	Nov 2010	29	24	1	25		0	26	7152.79	111
A	Dec 2010	30	27	0	28	27	0	27	7153.98	112
L	Jan 2011	23	27	0	27	27	0	27	7153.70	112
*	Feb 2011	21	43	0	43	44	0	44	7152.08	111
	Mar 2011	34	89	4	93	92	0	92	7153.73	112
	Apr 2011	103	100	13	113	113	0	113	7153.73	112
	May 2011	290	144	30	174	174	0	174	7153.73	112
	Jun 2011	360	83	25	108	108	0	108	7153.73	112
	Jul 2011	122	115	7	122	122	0	122	7153.73	112
	Aug 2011	63	121	4	125	125	0	125	7153.73	112
	Sep 2011	38	112	3	115	115	0	115	7153.73	112
	WY 2011	**1145**	**969**	**89**	**1058**	**1028**	**0**	**1054**		
	Oct 2011	38	71	3	74	74	0	74	7153.73	112
	Nov 2011	33	41	2	43	43	0	43	7153.73	112
	Dec 2011	27	83	2	85	85	0	85	7153.73	112
	Jan 2012	26	79	2	81	81	0	81	7153.73	112
	Feb 2012	25	50	3	53	53	0	53	7153.73	112
	Mar 2012	38	30	4	34	34	0	34	7153.73	112
	Apr 2012	84	48	11	59	59	0	59	7153.73	112
	May 2012	237	120	25	145	145	0	145	7153.73	112
	Jun 2012	292	67	21	88	88	0	88	7153.73	112
	Jul 2012	127	110	7	117	117	0	117	7153.73	112
	Aug 2012	65	122	4	126	126	0	126	7153.73	112
	Sep 2012	39	113	3	116	116	0	116	7153.73	112
	WY 2012	**1033**	**935**	**86**	**1021**	**1021**	**0**	**1021**		
	Oct 2012	38	70	3	73	73	0	73	7153.73	112
	Nov 2012	33	40	2	42	42	0	42	7153.73	112
	Dec 2012	27	83	2	85	85	0	85	7153.73	112
	Jan 2013	26	79	2	81	81	0	81	7153.73	112
	Feb 2013	25	54	3	57	57	0	57	7153.73	112

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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Most Probable Inflow*

Crystal Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
*	Mar 2010	33	34	4	38	38	0	38	6751.84	17	1	38
H	Apr 2010	118	55	11	66	66	0	66	6750.96	16	34	34
I	May 2010	179	129	20	148	108	36	148	6752.53	17	60	91
S	Jun 2010	242	64	25	89	89	0	89	6752.91	17	56	39
T	Jul 2010	55	96	4	100	100	0	100	6751.15	16	69	39
O	Aug 2010	61	93	5	98	98	0	98	6749.05	16	68	37
R	Sep 2010	26	92	3	95	95	0	95	6748.16	16	63	36
	WY 2010	**859**	**805**	**86**	**891**	**824**	**63**	**890**			**415**	**528**
I	Oct 2010	34	82	4	86	85	0	85	6750.41	16	51	33
C	Nov 2010	32	26	4	30	30	0	30	6748.60	16		29
A	Dec 2010	34	27	4	31	31	0	31	6748.24	16	1	30
L	Jan 2011	27	27	4	31	30	1	31	6749.02	16	1	30
*	Feb 2011	24	44	3	47	24	23	46	6751.55	17	1	47
	Mar 2011	40	92	6	98	97	0	97	6753.04	17	5	92
	Apr 2011	116	113	13	126	126	0	126	6753.04	17	30	96
	May 2011	330	174	40	214	134	80	214	6753.04	17	55	159
	Jun 2011	405	108	45	153	130	23	153	6753.04	17	60	93
	Jul 2011	134	122	12	134	134	0	134	6753.04	17	65	69
	Aug 2011	70	125	7	131	131	0	131	6753.04	17	65	66
	Sep 2011	44	115	6	121	121	0	121	6753.04	17	55	66
	WY 2011	**1291**	**1054**	**147**	**1201**	**1073**	**126**	**1199**			**388**	**810**
	Oct 2011	44	74	6	80	80	0	80	6753.04	17	30	50
	Nov 2011	38	43	5	48	48	0	48	6753.04	17	0	48
	Dec 2011	32	85	5	90	90	0	90	6753.04	17	0	90
	Jan 2012	31	81	5	86	86	0	86	6753.04	17	0	86
	Feb 2012	29	53	4	57	57	0	57	6753.04	17	0	57
	Mar 2012	46	34	7	41	41	0	41	6753.04	17	5	36
	Apr 2012	96	59	12	71	71	0	71	6753.04	17	30	41
	May 2012	272	145	35	180	134	46	180	6753.04	17	55	125
	Jun 2012	330	88	38	127	127	0	127	6753.04	17	60	67
	Jul 2012	144	117	17	134	134	0	134	6753.04	17	65	69
	Aug 2012	74	126	8	134	134	0	134	6753.04	17	65	69
	Sep 2012	45	116	6	122	122	0	122	6753.04	17	55	67
	WY 2012	**1183**	**1021**	**150**	**1171**	**1125**	**46**	**1171**			**365**	**806**
	Oct 2012	44	73	6	79	79	0	79	6753.04	17	30	49
	Nov 2012	38	42	5	47	47	0	47	6753.04	17	0	47
	Dec 2012	32	85	5	90	90	0	90	6753.04	17	0	90
	Jan 2013	31	81	5	86	86	0	86	6753.04	17	0	86
	Feb 2013	29	57	4	61	61	0	61	6753.04	17	0	61

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Most Probable Inflow*

Vallecito Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Mar 2010	3	8	7628.45	42
H	Apr 2010	27	4	7640.13	65
I	May 2010	69	20	7660.32	113
S	Jun 2010	46	42	7661.51	116
T	Jul 2010	12	37	7651.21	90
O	Aug 2010	19	33	7645.00	75
R	Sep 2010	10	26	7637.70	59
	WY 2010	**210**	**196**		
I	Oct 2010	12	13	7636.95	58
C	Nov 2010	7	2	7639.20	63
A	Dec 2010	6	2	7641.20	67
L	Jan 2011	5	2	7642.53	70
*	Feb 2011	4	2	7643.62	72
	Mar 2011	6	2	7645.29	76
	Apr 2011	20	1	7652.95	94
	May 2011	69	44	7662.53	119
	Jun 2011	71	64	7664.92	125
	Jul 2011	20	42	7656.50	103
	Aug 2011	15	38	7646.84	79
	Sep 2011	15	30	7640.21	65
	WY 2011	**249**	**240**		
	Oct 2011	14	17	7638.48	61
	Nov 2011	8	2	7641.38	67
	Dec 2011	6	2	7643.12	71
	Jan 2012	5	2	7644.46	74
	Feb 2012	5	2	7645.66	77
	Mar 2012	8	2	7648.37	83
	Apr 2012	22	1	7656.60	103
	May 2012	69	53	7662.60	119
	Jun 2012	78	72	7664.56	124
	Jul 2012	31	42	7660.33	113
	Aug 2012	19	38	7652.83	94
	Sep 2012	17	30	7647.52	81
	WY 2012	**282**	**262**		
	Oct 2012	14	13	7647.74	82
	Nov 2012	8	6	7648.73	84
	Dec 2012	6	5	7649.30	85
	Jan 2013	5	3	7650.15	87
	Feb 2013	5	3	7650.93	89

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 2011 24-Month Study

Most Probable Inflow*

Navajo Reservoir

	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azetea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Farmington Flow (1000 Ac-Ft)
*	Mar 2010	64	1	68	1	3	31	6051.78	1247	52
H	Apr 2010	222	22	179	2	12	28	6062.79	1384	75
I	May 2010	264	35	182	4	26	30	6071.80	1506	126
S	Jun 2010	152	27	116	5	40	33	6074.50	1544	118
T	Jul 2010	15	2	39	5	47	58	6069.52	1474	72
O	Aug 2010	39	2	52	4	35	41	6067.48	1446	69
R	Sep 2010	24	1	39	3	25	45	6064.97	1412	57
	WY 2010	**855**	**89**	**753**	**29**	**202**	**423**			**802**
I	Oct 2010	24	0	26	2	8	36	6063.49	1393	46
C	Nov 2010	17	0	12	1	1	29	6062.08	1374	46
A	Dec 2010	23	0	19	1	1	30	6061.11	1362	42
L	Jan 2011	16	0	13	1	1	31	6059.58	1342	50
*	Feb 2011	18	0	15	1	1	28	6058.41	1328	45
	Mar 2011	60	1	56	2	4	31	6059.91	1347	31
	Apr 2011	128	21	88	3	16	30	6063.03	1387	30
	May 2011	270	34	211	4	28	59	6071.90	1507	59
	Jun 2011	220	26	187	5	43	120	6073.27	1526	120
	Jul 2011	32	2	52	5	46	33	6071.03	1495	33
	Aug 2011	27	2	48	4	39	43	6068.33	1458	43
	Sep 2011	34	1	48	3	22	35	6067.48	1446	35
	WY 2011	**870**	**86**	**776**	**29**	**210**	**503**			**579**
	Oct 2011	40	0	44	2	8	31	6067.73	1449	31
	Nov 2011	33	0	27	1	0	30	6067.43	1445	30
	Dec 2011	24	0	20	1	0	31	6066.58	1434	31
	Jan 2012	22	0	19	1	0	31	6065.63	1421	31
	Feb 2012	30	0	28	1	0	28	6065.55	1420	28
	Mar 2012	88	1	81	2	4	52	6067.31	1444	52
	Apr 2012	174	16	137	3	17	60	6071.53	1502	60
	May 2012	279	35	227	4	29	200	6071.13	1496	200
	Jun 2012	246	27	213	5	44	212	6067.70	1449	212
	Jul 2012	74	4	81	5	47	37	6067.16	1442	37
	Aug 2012	43	2	60	4	40	42	6065.30	1417	42
	Sep 2012	42	1	54	3	22	36	6064.75	1409	36
	WY 2012	**1096**	**85**	**991**	**29**	**210**	**788**			**788**
	Oct 2012	40	0	40	2	8	31	6064.69	1409	31
	Nov 2012	33	0	31	1	0	30	6064.67	1408	30
	Dec 2012	24	0	22	1	0	31	6063.99	1399	31
	Jan 2013	22	0	20	1	0	31	6063.10	1388	31
	Feb 2013	30	0	29	1	0	27	6063.15	1388	27

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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Managing Water in the West

March 2011 24-Month Study

Most Probable Inflow*

Lake Powell

	Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry (1000 Ac-Ft)
*	Mar 2010	478	475	17	602	0	602	3619.41	17809	13701	612
H	Apr 2010	944	717	26	602	0	602	3620.50	17782	13816	614
I	May 2010	1399	1224	32	601	0	601	3625.96	17784	14405	612
S	Jun 2010	2776	2321	53	601	0	601	3638.82	17993	15864	612
T	Jul 2010	674	706	65	802	0	802	3636.52	18099	15596	824
O	Aug 2010	504	608	64	802	0	802	3634.55	18069	15369	826
R	Sep 2010	277	461	58	480	0	480	3633.66	18093	15267	490
	WY 2010	**8634**	**8674**	**444**	**8234**	**0**	**8235**				**8419**
I	Oct 2010	362	512	41	495	0	495	3634.08	18022	15315	502
C	Nov 2010	438	474	39	810	0	810	3630.31	18074	14888	826
A	Dec 2010	416	446	30	847	0	847	3626.54	18062	14469	865
L	Jan 2011	381	429	9	997	0	997	3620.55	18132	13822	1015
*	Feb 2011	318	378	10	964	0	964	3614.95	18123	13235	984
	Mar 2011	500	522	16	1034	0	1034	3610.16	18083	12746	1034
	Apr 2011	1100	946	25	966	0	966	3609.75	18080	12705	966
	May 2011	2900	2417	30	1103	0	1103	3621.23	18175	13894	1103
	Jun 2011	3750	3185	51	1179	0	1179	3637.45	18320	15704	1179
	Jul 2011	1450	1424	65	1300	0	1300	3637.92	18324	15759	1300
	Aug 2011	595	748	64	1224	0	1224	3633.60	18284	15260	1224
	Sep 2011	471	636	58	714	0	714	3632.49	18274	15134	714
	WY 2011	**12682**	**12118**	**437**	**11633**	**0**	**11633**				**11712**
	Oct 2011	514	615	40	738	0	738	3631.15	18262	14982	738
	Nov 2011	523	602	38	800	0	800	3629.20	18245	14764	800
	Dec 2011	414	569	30	875	0	875	3626.39	18220	14452	875
	Jan 2012	384	533	9	875	0	875	3623.40	18194	14127	875
	Feb 2012	398	495	10	800	0	800	3620.68	18171	13836	800
	Mar 2012	628	614	17	700	0	700	3619.79	18163	13741	700
	Apr 2012	950	824	26	600	0	600	3621.50	18178	13923	600
	May 2012	2161	1955	33	700	0	700	3631.80	18268	15055	700
	Jun 2012	2811	2442	54	850	0	850	3643.98	18382	16479	850
	Jul 2012	1346	1237	68	1000	0	1000	3645.28	18395	16635	1000
	Aug 2012	566	678	68	975	0	975	3642.48	18368	16298	975
	Sep 2012	460	599	61	714	0	714	3641.11	18354	16134	714
	WY 2012	**11154**	**11162**	**455**	**9627**	**0**	**9627**				**9627**
	Oct 2012	514	595	42	738	0	738	3639.66	18341	15963	738
	Nov 2012	523	583	40	800	0	800	3637.63	18322	15725	800
	Dec 2012	414	551	32	900	0	900	3634.58	18293	15372	900
	Jan 2013	384	514	10	900	0	900	3631.36	18264	15006	900
	Feb 2013	398	478	10	800	0	800	3628.61	18240	14698	800

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 2011 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Glen Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Mar 2010	602	87	33	889	14.5	12	868	751	1100.66	11550
H	Apr 2010	602	138	41	933	15.7	19	856	735	1098.00	11313
I	May 2010	601	87	47	961	15.6	28	933	714	1094.30	10987
S	Jun 2010	601	30	55	1007	16.9	27	1006	686	1089.30	10556
T	Jul 2010	802	29	68	941	15.3	33	937	673	1086.97	10357
O	Aug 2010	802	126	72	829	13.5	33	823	673	1086.91	10352
R	Sep 2010	480	82	59	758	12.7	23	755	656	1083.81	10092
	WY 2010	**8235**	**928**	**564**	**9260**		**235**	**9039**			
I	Oct 2010	495	80	42	638	10.4	24	607	648	1082.36	9971
C	Nov 2010	810	13	42	800	13.4	18	795	646	1081.94	9936
A	Dec 2010	847	248	37	660	10.7	9	630	670	1086.30	10301
L	Jan 2011	997	75	31	540	8.8	9	526	700	1091.73	10765
*	Feb 2011	964	84	29	635	11.4	10	616	723	1095.78	11117
	Mar 2011	1034	80	33	979	15.9	26	979	727	1096.59	11188
	Apr 2011	966	60	40	1132	19.0	22	1132	717	1094.79	11029
	May 2011	1103	49	46	1045	17.0	33	1045	719	1095.09	11056
	Jun 2011	1179	23	56	968	16.3	28	968	728	1096.67	11195
	Jul 2011	1300	50	71	922	15.0	30	922	748	1100.12	11502
	Aug 2011	1224	109	77	819	13.3	33	819	772	1104.32	11881
	Sep 2011	714	70	64	629	10.6	24	629	776	1105.00	11943
	WY 2011	**11633**	**940**	**569**	**9767**		**265**	**9669**			
	Oct 2011	738	59	47	508	8.3	28	508	789	1107.19	12145
	Nov 2011	800	48	47	690	11.6	27	690	794	1108.04	12223
	Dec 2011	875	99	41	569	9.3	23	569	815	1111.47	12543
	Jan 2012	875	76	34	694	11.3	20	694	828	1113.48	12734
	Feb 2012	800	92	31	719	12.5	18	719	835	1114.70	12850
	Mar 2012	700	80	35	1020	16.6	24	1020	817	1111.74	12569
	Apr 2012	600	60	43	1144	19.2	20	1144	784	1106.21	12055
	May 2012	700	49	48	981	16.0	31	981	765	1103.01	11762
	Jun 2012	850	23	58	849	14.3	26	849	761	1102.39	11706
	Jul 2012	1000	50	72	889	14.5	28	889	765	1103.02	11763
	Aug 2012	975	109	77	810	13.2	31	810	775	1104.73	11919
	Sep 2012	714	70	64	671	11.3	22	671	776	1105.00	11944
	WY 2012	**9627**	**815**	**599**	**9543**		**299**	**9543**			
	Oct 2012	738	59	47	473	7.7	26	473	792	1107.57	12180
	Nov 2012	800	48	47	582	9.8	25	582	804	1109.53	12362
	Dec 2012	900	99	41	566	9.2	21	566	826	1113.23	12710
	Jan 2013	900	76	34	686	11.2	20	686	841	1115.56	12931
	Feb 2013	800	92	32	696	12.5	18	696	849	1116.99	13069

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RECLAMATION
Managing Water in the West

March 2011 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Mar 2010	889	-18	13	862	0	862	14.0	642.17	1676
H	Apr 2010	933	-17	17	878	0	878	14.8	642.94	1697
I	May 2010	961	-19	22	937	0	937	15.2	642.30	1680
S	Jun 2010	1007	-23	25	912	0	912	15.3	643.98	1726
T	Jul 2010	941	-14	26	913	0	913	14.8	643.57	1714
O	Aug 2010	829	-12	23	838	0	838	13.6	641.95	1670
R	Sep 2010	758	-2	18	833	0	833	14.0	638.40	1575
	WY 2010	**9260**	**-172**	**197**	**8816**	**0**	**8816**			
I	Oct 2010	638	6	15	766	0	766	12.5	633.10	1437
C	Nov 2010	800	-29	10	631	0	631	10.6	638.09	1567
A	Dec 2010	660	-15	9	553	0	553	9.0	641.21	1650
L	Jan 2011	540	-7	10	502	0	502	8.2	641.95	1670
*	Feb 2011	635	-10	10	586	0	586	10.5	643.01	1699
	Mar 2011	979	-15	13	978	0	978	15.9	642.00	1671
	Apr 2011	1132	-15	17	1073	0	1073	18.0	643.00	1699
	May 2011	1045	-10	22	1012	0	1012	16.5	643.00	1699
	Jun 2011	968	-6	25	965	0	965	16.2	642.00	1671
	Jul 2011	922	1	25	911	0	911	14.8	641.50	1658
	Aug 2011	819	-5	23	792	0	792	12.9	641.50	1658
	Sep 2011	629	1	18	706	0	706	11.9	638.00	1564
	WY 2011	**9767**	**-105**	**197**	**9475**	**0**	**9475**			
	Oct 2011	508	3	15	626	0	626	10.2	633.00	1434
	Nov 2011	690	-10	10	619	0	619	10.4	635.00	1486
	Dec 2011	569	-13	9	450	0	450	7.3	638.71	1583
	Jan 2012	694	-17	10	585	0	585	9.5	641.80	1666
	Feb 2012	719	-6	10	704	0	704	12.2	641.80	1666
	Mar 2012	1020	-15	13	957	0	957	15.6	643.05	1700
	Apr 2012	1144	-15	17	1114	0	1114	18.7	643.00	1699
	May 2012	981	-10	22	949	0	949	15.4	643.00	1699
	Jun 2012	849	-6	25	845	0	845	14.2	642.00	1671
	Jul 2012	889	1	25	878	0	878	14.3	641.50	1658
	Aug 2012	810	-5	23	782	0	782	12.7	641.50	1658
	Sep 2012	671	1	18	747	0	747	12.6	638.00	1564
	WY 2012	**9543**	**-91**	**197**	**9255**	**0**	**9255**			
	Oct 2012	473	3	15	591	0	591	9.6	633.00	1434
	Nov 2012	582	-10	10	510	0	510	8.6	635.00	1486
	Dec 2012	566	-13	9	447	0	447	7.3	638.71	1583
	Jan 2013	686	-17	10	577	0	577	9.4	641.80	1666
	Feb 2013	696	-6	10	681	0	681	12.3	641.80	1666

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Managing Water in the West

March 2011 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	Mar 2010	862	55	9	668	10.9	90	128	447.15	564	233	3.8
H	Apr 2010	878	34	11	670	11.3	43	153	448.61	592	210	3.5
I	May 2010	937	24	13	662	10.8	102	172	448.83	596	114	1.9
S	Jun 2010	912	23	16	650	10.9	91	171	448.64	592	113	1.9
T	Jul 2010	913	17	17	743	12.1	107	50	448.61	592	126	2.1
O	Aug 2010	838	21	17	646	10.5	108	84	448.20	584	101	1.6
R	Sep 2010	833	17	15	583	9.8	98	171	446.95	560	93	1.6
	WY 2010	**8816**	**318**	**140**	**6298**		**1043**	**1572**			**1619**	
I	Oct 2010	766	25	12	465	7.6	102	166	449.14	602	106	1.7
C	Nov 2010	631	38	9	428	7.2	98	159	447.59	572	114	1.9
A	Dec 2010	553	33	7	290	4.7	93	183	448.10	582	147	2.4
L	Jan 2011	502	8	6	391	6.4	52	89	446.40	550	141	2.3
*	Feb 2011	586	16	8	415	7.5	22	135	447.29	567	174	3.1
	Mar 2011	978	22	9	728	11.8	77	184	447.00	561	195	3.2
	Apr 2011	1073	18	11	799	13.4	75	178	448.00	580	189	3.2
	May 2011	1012	13	13	706	11.5	99	184	448.70	593	111	1.8
	Jun 2011	965	9	16	682	11.5	96	168	448.70	593	117	2.0
	Jul 2011	911	15	17	739	12.0	96	75	448.00	580	124	2.0
	Aug 2011	792	18	17	630	10.2	86	75	447.50	571	96	1.6
	Sep 2011	706	15	15	530	8.9	85	95	446.81	557	89	1.5
	WY 2011	**9475**	**230**	**140**	**6802**		**981**	**1688**			**1602**	
	Oct 2011	626	20	12	438	7.1	86	112	446.31	548	68	1.1
	Nov 2011	619	26	8	377	6.3	86	162	446.50	552	109	1.8
	Dec 2011	450	21	6	281	4.6	90	88	446.50	552	118	1.9
	Jan 2012	585	15	6	342	5.6	83	165	446.50	552	122	2.0
	Feb 2012	704	6	8	464	8.1	76	156	446.50	552	153	2.7
	Mar 2012	957	22	9	702	11.4	83	173	446.70	555	208	3.4
	Apr 2012	1114	18	11	827	13.9	81	166	448.70	593	200	3.4
	May 2012	949	13	13	696	11.3	84	159	448.70	593	111	1.8
	Jun 2012	845	9	16	653	11.0	81	90	448.70	593	112	1.9
	Jul 2012	878	15	17	719	11.7	83	73	448.00	580	118	1.9
	Aug 2012	782	18	17	629	10.2	83	68	447.50	571	92	1.5
	Sep 2012	747	15	15	540	9.1	64	148	446.81	557	89	1.5
	WY 2012	**9255**	**199**	**139**	**6666**		**981**	**1559**			**1501**	
	Oct 2012	591	20	12	452	7.3	36	113	446.31	548	72	1.2
	Nov 2012	510	26	8	371	6.2	35	112	446.50	552	105	1.8
	Dec 2012	447	21	6	295	4.8	35	125	446.50	552	118	1.9
	Jan 2013	577	15	6	356	5.8	84	141	446.50	552	122	2.0
	Feb 2013	681	6	8	461	8.3	77	135	446.50	552	153	2.8

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Managing Water in the West

March 2011 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Mar 2010	889	14.5	1100.66	11550	-230	452.57	1272.0	353.9	75	398.0
H	Apr 2010	933	15.7	1098.00	11313	-237	451.78	1392.0	370.4	82	397.0
I	May 2010	961	15.6	1094.30	10987	-326	449.26	1371.0	378.0	82	393.4
S	Jun 2010	1007	16.9	1089.30	10556	-431	442.32	1556.0	390.5	94	387.7
T	Jul 2010	941	15.3	1086.97	10357	-198	441.50	1640.0	360.3	100	382.9
O	Aug 2010	829	13.5	1086.91	10352	-5	443.45	1617.0	313.3	100	378.0
R	Sep 2010	758	12.7	1083.81	10092	-261	439.46	1617.0	285.1	100	375.9
	WY 2010	**9260**							**3589.4**		
I	Oct 2010	638	10.4	1082.36	9971	-121	440.25	1104.0	241.3	68	378.5
C	Nov 2010	800	13.4	1081.94	9936	-35	437.87	1185.0	305.1	74	381.4
A	Dec 2010	660	10.7	1086.30	10301	365	439.05	1388.0	246.5	87	373.5
L	Jan 2011	540	8.8	1091.73	10765	463	446.84	1103.0	200.9	69	372.4
*	Feb 2011	635	11.4	1095.78	11117	353	447.78	1414.0	244.7	88	385.7
	Mar 2011	979	15.9	1096.59	11188	72	445.64	1232.0	400.0	75	408.7
	Apr 2011	1132	19.0	1094.79	11029	-159	445.74	1153.0	470.9	69	415.9
	May 2011	1045	17.0	1095.09	11056	26	441.33	1659.0	413.1	100	395.4
	Jun 2011	968	16.3	1096.67	11195	140	442.59	1663.0	381.4	100	393.9
	Jul 2011	922	15.0	1100.12	11502	307	445.58	1684.0	368.4	100	399.4
	Aug 2011	819	13.3	1104.32	11881	379	449.54	1707.0	332.4	100	405.7
	Sep 2011	629	10.6	1105.00	11943	62	453.10	1712.0	249.2	100	396.0
	WY 2011	**9767**							**3854.0**		
	Oct 2011	508	8.3	1107.19	12145	201	458.76	1391.0	207.3	81	408.3
	Nov 2011	690	11.6	1108.04	12223	79	464.00	1067.0	288.6	62	418.3
	Dec 2011	569	9.3	1111.47	12543	320	462.18	1410.0	230.3	81	404.6
	Jan 2012	694	11.3	1113.48	12734	190	463.42	1303.0	286.5	74	412.5
	Feb 2012	719	12.5	1114.70	12850	116	463.16	1450.0	299.4	82	416.4
	Mar 2012	1020	16.6	1111.74	12569	-281	461.97	1419.0	424.6	81	416.4
	Apr 2012	1144	19.2	1106.21	12055	-514	456.64	1508.0	479.1	87	418.8
	May 2012	981	16.0	1103.01	11762	-292	450.94	1705.0	399.5	100	407.2
	Jun 2012	849	14.3	1102.39	11706	-57	449.36	1698.0	347.0	100	408.7
	Jul 2012	889	14.5	1103.02	11763	57	449.85	1701.0	364.0	100	409.7
	Aug 2012	810	13.2	1104.73	11919	156	451.18	1701.0	329.1	100	406.5
	Sep 2012	671	11.3	1105.00	11944	25	453.31	1701.0	268.2	100	399.9
	WY 2012	**9543**							**3923.5**		
	Oct 2012	473	7.7	1107.57	12180	236	456.84	1701.0	189.7	100	401.4
	Nov 2012	582	9.8	1109.53	12362	182	462.85	1371.7	237.6	81	408.4
	Dec 2012	566	9.2	1113.23	12710	348	465.89	1047.9	232.8	62	411.2
	Jan 2013	686	11.2	1115.56	12931	222	464.58	1370.5	281.9	81	411.0
	Feb 2013	696	12.5	1116.99	13069	137	466.19	1255.0	292.8	74	420.7

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 2011 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Mar 2010	862	14.0	642.17	1676	-4	138.67	249.9	109.8	98	127.5
H	Apr 2010	878	14.8	642.94	1697	21	141.04	255.0	111.0	100	126.4
I	May 2010	937	15.2	642.30	1680	-17	140.64	255.0	118.5	100	126.4
S	Jun 2010	912	15.3	643.98	1726	46	140.66	255.0	115.5	100	126.6
T	Jul 2010	913	14.8	643.57	1714	-11	141.98	242.3	115.3	95	126.4
O	Aug 2010	838	13.6	641.95	1670	-44	140.67	255.0	105.9	100	126.4
R	Sep 2010	833	14.0	638.40	1575	-95	137.24	255.0	102.6	100	123.1
	WY 2010	**8816**							**1104.5**		
I	Oct 2010	766	12.5	633.10	1437	-138	129.52	209.1	92.1	82	120.2
C	Nov 2010	631	10.6	638.09	1567	130	137.83	153.0	77.2	60	122.5
A	Dec 2010	553	9.0	641.21	1650	84	141.87	168.3	67.8	66	122.6
L	Jan 2011	502	8.2	641.95	1670	20	140.42	153.0	63.3	60	125.9
*	Feb 2011	586	10.5	643.01	1699	29	139.78	181.1	73.6	71	125.6
	Mar 2011	978	15.9	642.00	1671	-28	136.93	204.0	121.8	80	124.5
	Apr 2011	1073	18.0	643.00	1699	27	136.93	204.0	133.0	80	123.9
	May 2011	1012	16.5	643.00	1699	0	136.04	255.0	126.4	100	124.8
	Jun 2011	965	16.2	642.00	1671	-27	135.51	255.0	120.0	100	124.5
	Jul 2011	911	14.8	641.50	1658	-14	134.73	255.0	113.2	100	124.2
	Aug 2011	792	12.9	641.50	1658	0	134.46	255.0	98.7	100	124.6
	Sep 2011	706	11.9	638.00	1564	-94	132.62	255.0	87.1	100	123.4
	WY 2011	**9475**							**1174.2**		
	Oct 2011	626	10.2	633.00	1434	-130	128.65	237.2	75.2	93	120.2
	Nov 2011	619	10.4	635.00	1486	51	127.14	234.6	73.4	92	118.7
	Dec 2011	450	7.3	638.71	1583	97	130.00	239.7	55.1	94	122.5
	Jan 2012	585	9.5	641.80	1666	83	134.16	219.3	73.0	86	124.7
	Feb 2012	704	12.2	641.80	1666	0	135.05	244.8	88.0	96	125.1
	Mar 2012	957	15.6	643.05	1700	34	135.44	255.0	119.3	100	124.6
	Apr 2012	1114	18.7	643.00	1699	-2	136.07	255.0	138.3	100	124.2
	May 2012	949	15.4	643.00	1699	0	136.04	255.0	118.7	100	125.1
	Jun 2012	845	14.2	642.00	1671	-27	135.51	255.0	105.7	100	125.1
	Jul 2012	878	14.3	641.50	1658	-14	134.73	255.0	109.1	100	124.4
	Aug 2012	782	12.7	641.50	1658	0	134.46	255.0	97.5	100	124.7
	Sep 2012	747	12.6	638.00	1564	-94	132.62	255.0	92.0	100	123.1
	WY 2012	**9255**							**1145.5**		
	Oct 2012	591	9.6	633.00	1434	-130	128.65	237.2	71.1	93	120.4
	Nov 2012	510	8.6	635.00	1486	51	127.14	234.6	60.9	92	119.4
	Dec 2012	447	7.3	638.71	1583	97	130.00	239.7	54.7	94	122.5
	Jan 2013	577	9.4	641.80	1666	83	134.16	219.3	71.9	86	124.7
	Feb 2013	681	12.3	641.80	1666	0	135.05	244.8	85.1	96	125.1

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 2011 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Mar 2010	668	10.9	447.15	564	16	81.28	90.0	45.4	75	67.9
H	Apr 2010	670	11.3	448.61	592	28	81.42	90.0	46.8	75	69.8
I	May 2010	662	10.8	448.83	596	4	81.45	115.2	46.0	96	69.6
S	Jun 2010	650	10.9	448.64	592	-4	80.58	120.0	46.4	100	71.3
T	Jul 2010	743	12.1	448.61	592	-1	82.51	120.0	50.9	100	68.4
O	Aug 2010	646	10.5	448.20	584	-8	81.98	120.0	44.7	100	69.2
R	Sep 2010	583	9.8	446.95	560	-24	80.89	103.2	41.6	86	71.4
	WY 2010	**6298**							**436.8**		
I	Oct 2010	465	7.6	449.14	602	42	82.79	90.0	31.4	75	67.4
C	Nov 2010	428	7.2	447.59	572	-30	79.41	91.2	30.4	76	71.1
A	Dec 2010	290	4.7	448.10	582	10	82.60	104.4	19.7	87	67.9
L	Jan 2011	391	6.4	446.40	550	-32	80.10	97.2	26.8	81	68.6
*	Feb 2011	415	7.5	447.29	567	17	76.83	90.0	29.3	75	70.7
	Mar 2011	728	11.8	447.00	561	-5	75.12	106.8	48.0	89	66.0
	Apr 2011	799	13.4	448.00	580	19	74.89	120.0	52.7	100	65.9
	May 2011	706	11.5	448.70	593	13	75.71	120.0	46.7	100	66.2
	Jun 2011	682	11.5	448.70	593	0	76.05	120.0	45.3	100	66.5
	Jul 2011	739	12.0	448.00	580	-13	75.71	120.0	49.0	100	66.3
	Aug 2011	630	10.2	447.50	571	-10	75.13	120.0	41.3	100	65.6
	Sep 2011	530	8.9	446.81	557	-13	74.55	120.0	34.4	100	64.8
	WY 2011	**6802**							**455.0**		
	Oct 2011	438	7.1	446.31	548	-9	74.77	102.0	28.3	85	64.5
	Nov 2011	377	6.3	446.50	552	3	74.62	102.0	24.2	85	64.1
	Dec 2011	281	4.6	446.50	552	0	74.71	102.0	17.7	85	62.8
	Jan 2012	342	5.6	446.50	552	0	74.71	102.0	21.7	85	63.7
	Feb 2012	464	8.1	446.50	552	0	73.92	120.0	29.8	100	64.1
	Mar 2012	702	11.4	446.70	555	4	74.01	120.0	45.6	100	64.9
	Apr 2012	827	13.9	448.70	593	38	75.08	120.0	54.6	100	66.1
	May 2012	696	11.3	448.70	593	0	76.05	120.0	46.2	100	66.5
	Jun 2012	653	11.0	448.70	593	0	76.05	120.0	43.3	100	66.4
	Jul 2012	719	11.7	448.00	580	-13	75.71	120.0	47.7	100	66.3
	Aug 2012	629	10.2	447.50	571	-10	75.13	120.0	41.2	100	65.6
	Sep 2012	540	9.1	446.81	557	-13	74.55	120.0	35.0	100	64.9
	WY 2012	**6666**							**435.3**		
	Oct 2012	452	7.3	446.31	548	-9	74.77	102.0	29.2	85	64.6
	Nov 2012	371	6.2	446.50	552	3	74.62	102.0	23.8	85	64.0
	Dec 2012	295	4.8	446.50	552	0	74.71	102.0	18.6	85	63.1
	Jan 2013	356	5.8	446.50	552	0	74.71	102.0	22.7	85	63.8
	Feb 2013	461	8.3	446.50	552	0	73.92	120.0	29.6	100	64.2

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 2011 24-Month Study

Most Probable Inflow*

Upper Basin Power

	Date	Glen Canyon 1000 MWHR	Flaming Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Reservoir 1000 MWHR	Fontenelle Reservoir 1000 MWHR
*	Mar 2010	269	23	9	11	6	3
	Winter 2010	**1945**	**228**	**77**	**95**	**46**	**13**
H	Apr 2010	265	19	13	19	13	3
I	May 2010	267	39	31	45	21	3
S	Jun 2010	272	54	15	22	18	4
T	Jul 2010	368	38	30	34	20	8
O	Aug 2010	366	40	27	33	19	6
R	Sep 2010	217	42	25	32	19	2
	Summer 2010	**1755**	**231**	**142**	**186**	**109**	**25**
I	Oct 2010	226	30	24	29	16	0
C	Nov 2010	369	24	7	9	4	4
A	Dec 2010	382	26	8	9	4	4
L	Jan 2011	445	26	8	9	4	4
*	Feb 2011	425	26	12	15	4	3
	Mar 2011	420	22	26	33	17	5
	Winter 2011	**2266**	**154**	**84**	**105**	**50**	**21**
	Apr 2011	390	23	28	41	22	6
	May 2011	450	52	42	63	23	7
	Jun 2011	494	75	25	39	22	9
	Jul 2011	553	47	36	44	23	10
	Aug 2011	518	47	38	45	23	10
	Sep 2011	301	45	34	41	21	3
	Summer 2011	**2707**	**288**	**204**	**273**	**134**	**45**
	Oct 2011	310	46	21	27	14	6
	Nov 2011	335	45	12	16	8	6
	Dec 2011	365	46	25	31	16	6
	Jan 2012	363	46	23	29	15	5
	Feb 2012	330	43	14	19	10	5
	Mar 2012	288	46	9	12	7	5
	Winter 2012	**1991**	**273**	**104**	**133**	**70**	**32**
	Apr 2012	247	45	14	21	12	5
	May 2012	291	60	35	52	23	6
	Jun 2012	361	72	21	32	22	9
	Jul 2012	431	40	35	42	23	10
	Aug 2012	419	40	38	45	23	9
	Sep 2012	306	38	35	42	21	7
	Summer 2012	**2055**	**294**	**177**	**235**	**125**	**45**
	Oct 2012	315	39	21	26	14	7
	Nov 2012	341	38	12	15	8	6
	Dec 2012	381	39	25	31	16	6
	Jan 2013	379	39	23	29	15	6
	Feb 2013	335	35	16	21	11	5

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 2011 24-Month Study

Most Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions

Date	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Total KAF	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****EFFECTIVE SPACE****										
Mar 2011	832	298	368	11087	12585	16261	28846	687	298	321	1306	11087	16261	28654	1500	979	0	31.5
Apr 2011	826	351	349	11576	13101	16189	29290	676	351	297	1323	11576	16189	29088	1500	1132	0	31.4
May 2011	732	353	309	11617	13011	16348	29359	573	353	238	1164	11617	16348	29129	1500	1045	0	33.1
Jun 2011	529	249	189	10428	11395	16321	27717	356	249	86	691	10428	16321	27440	1500	968	0	35.6
Jul 2011	267	29	170	8618	9084	16182	25266	74	0	19	93	8618	16182	24892	1500	922	0	35.9
								****CREDITABLE SPACE****										
Aug 2011	211	27	201	8563	9002	15875	24877	211	27	201	439	8563	15875	24877	1500	819	0	35.6
Sep 2011	261	80	238	9062	9641	15496	25137	261	80	238	579	9062	15496	25137	2270	629	0	35.3
Oct 2011	337	150	250	9188	9926	15434	25360	337	150	250	737	9188	15434	25360	3040	508	0	35.1
Nov 2011	411	182	247	9340	10180	15232	25412	411	182	247	840	9340	15232	25412	3810	690	0	34.9
Dec 2011	485	192	251	9558	10486	15154	25640	485	192	251	927	9558	15154	25640	4580	569	0	34.9
Jan 2012	575	248	262	9870	10955	14834	25789	575	248	262	1086	9870	14834	25789	5350	694	0	34.7
								****EFFECTIVE SPACE****										
Jan 2012	575	248	262	9870	10955	14834	25789	254	248	167	669	9870	14834	25372	5350	694	0	34.7
Feb 2012	661	302	275	10195	11432	14643	26076	339	302	179	819	10195	14643	25657	1500	719	0	34.4
Mar 2012	734	327	276	10486	11824	14527	26351	411	327	179	917	10486	14527	25931	1500	1020	0	34.0
Apr 2012	760	322	252	10581	11915	14808	26723	433	322	149	904	10581	14808	26294	1500	1144	0	33.9
May 2012	745	296	194	10399	11634	15322	26956	413	296	72	781	10399	15322	26502	1500	981	0	34.9
Jun 2012	654	216	200	9267	10337	15615	25952	313	214	45	572	9267	15615	25454	1500	849	0	36.6
Jul 2012	469	37	247	7843	8596	15671	24267	111	11	44	166	7843	15671	23680	1500	889	0	36.8
								****CREDITABLE SPACE****										
Aug 2012	376	27	254	7687	8344	15614	23958	376	27	254	658	7687	15614	23958	1500	810	0	36.5
Sep 2012	402	81	279	8024	8786	15458	24245	402	81	279	762	8024	15458	24245	2270	671	0	36.1
Oct 2012	460	152	287	8188	9085	15433	24519	460	152	287	898	8188	15433	24519	3040	473	0	36.0
Nov 2012	515	183	287	8359	9345	15197	24542	515	183	287	985	8359	15197	24542	3810	582	0	35.9
Dec 2012	572	191	288	8597	9648	15015	24664	572	191	288	1051	8597	15015	24664	4580	566	0	35.9
Jan 2013	645	248	297	8950	10140	14667	24807	645	248	297	1190	8950	14667	24807	5350	686	0	35.7
								****EFFECTIVE SPACE****										
Jan 2013	645	248	297	8950	10140	14667	24807	479	247	235	961	8950	14667	24578	5350	686	0	35.7
Feb 2013	713	301	308	9316	10639	14446	25085	546	301	246	1093	9316	14446	24854	1500	696	0	35.4

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2093

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May 24-Month Study
Date: May 11, 2011

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

Reservoir	April Inflow (unregulated) (acre-feet)	Percent of Average (%)	May 10 Midnight Elevation (feet)	Reservoir Storage (acre-feet)
Fontenelle	92,000	99	6467.30	108,000
Flaming Gorge	159,000	101	6022.69	3,076,000
Blue Mesa	77,000	103	7475.15	471,000
Navajo	115,000	68	6061.42	1,366,000
Powell	980,000	100	3613.04	13,039,000

Expected Operations

The operation of Lake Powell and Lake Mead in this May 2011 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines), and reflects the 2011 Annual Operating Plan (AOP). Pursuant to the Interim Guidelines, the Lake Powell operational tier for water year 2011 is the Upper Elevation Balancing Tier. The Intentionally Created Surplus (ICS) Surplus condition is the criterion governing the operation of Lake Mead for calendar year 2011.

The April 2011 24-Month study projected the September 30 Lake Powell elevation to be greater than the 2011 Equalization elevation of 3,643.0 feet with an annual release from Lake Powell of 8.23 maf. Consistent with Section 6.B.3 of the Interim Guidelines, the Equalization Tier governs operations of Lake Powell for the remainder of the water year.

The May 24-Month Study projects a Lake Powell annual release volume of 12.46 maf; however, the projected annual release will be updated each month throughout the remainder of the water year to reflect changing hydrology in order to achieve the operation specified by the Equalization Tier. Due to recent increases to the inflow forecast for Lake Powell, Equalization may not be fully achieved by the end of the water year. Consistent with Section II(4) of the Long Range Operating Criteria, "[a]ny water thus retained [after September 30] in Lake Powell to avoid bypass of water at the Glen Canyon Powerplant will be released through the Glen Canyon Powerplant as soon as

practicable" to achieve Equalization. The May 24-Month Study projects Equalization to be achieved by the end of the calendar year, with a projected WY 2011 Equalization volume of 0.850 maf carried over to WY 2012.

The Interim Guidelines are available for download at
http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The 2011 AOP is available for download at
http://www.usbr.gov/uc/water/rsvrs/ops/aop/AOP11_final.pdf.
The Long-Range Operating Criteria are available for download at
http://www.usbr.gov/lc/region/pao/pdfiles/opcriter.pdf.

Fontenelle Reservoir – Inflows for the month of April were 92,000 acre-feet, or 99% of average. The reservoir elevation is 6467.5 feet above sea level and 32% of capacity. Current inflows are approximately 1,300 cfs and reservoir releases are 2200 cfs. Releases will likely be increased significantly in May (up to 4,500 cfs or more) as soon as the snow begins to melt and the first of spring runoff begins to fill the reservoir.

The Colorado Basin River Forecast Center and Natural Resources Conservation Service have issued the joint water supply forecast for the 2011 spring runoff. The May official forecast for the April to July runoff period is 1190 kaf (138%). Given this forecasted inflow, the reservoir is projected to fill late this summer and sustained releases of approximately 6,500 cfs or more will likely be required for a month to safely route the inflow to the reservoir. Note that these projections are provisional and subject to change as forecasts are updated and actual inflows are realized. Inflows over the next three months are forecasted to be significantly above average: 225,000 acre-ft (115%), 570,000 acre-ft (161%), and 305,000 acre-ft (144%) for May, June, and July respectively. Basin snowpack is currently 168% of the average for this time of year and just started to melt.

The next Fontenelle Working Group meeting is scheduled for August 18, 2011 at 10:00 am at the Joint Powers Water Board water treatment plant boardroom in Green River, Wyoming. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir.

Flaming Gorge Reservoir – Unregulated inflow into Flaming Gorge Reservoir during the month of April was 159,000 acre-feet (AF), or 101 percent of average inflow. Recent storms over both the Upper Green and Yampa River Basins have significantly increased the potential for high spring flows in 2011. Upper Green River Basin snowpack is currently 175% of the average for this time of year. Yampa River Basin snowpack is currently 174% of the average for this time of year.

The Colorado Basin River Forecast Center and Natural Resources Conservation Service have issued the joint water supply forecast for the 2011 spring runoff. The Flaming Gorge Reservoir May official forecast for the April to July runoff period is 1,660 kaf

(139%). The Yampa River Basin May official forecast for the April to July runoff period is 2,720 kaf (201%).

The Yampa river basin contains unprecedented snowpack, with forecasted flows at 197 percent of average. All peak forecasts for the Yampa River at Deerlodge are above flood stage. Likewise, the Upper Green river basin May final forecast increased 310 thousand acre-feet (KAF) or 26 percent over the April final forecast. The projected May-July volume into Flaming Gorge Reservoir is 146 percent of average. Please be advised that the potential for wet conditions currently exist in the Green and Yampa River Basins.

The next Flaming Gorge Working Group meeting is scheduled for August 23, 2011, at 11:00 a.m. at the Western Park Convention Center, 302 East 200 South, Vernal, Utah. The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stake holders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations and plans presented by Reclamation at these meetings. For more information on this group and these meetings please contact Heather Hermansen at 801-524-3883 or Ed Vidmar at 801-379-1182.

Aspinall Unit Reservoirs – April unregulated inflow into Blue Mesa Reservoir was 77,000 acre-feet or 102 percent of average. On May 11, 2011 the basin snowpack was 145 percent of average. Precipitation during April was 150 percent of average. The current inflow rate into Blue Mesa Reservoir is over 3000 cfs while reservoir releases are averaging about 2300 cfs. Lately the weather pattern has been wetter and colder than average with occasional short-lived warm periods that have resulted in brief episodes of higher flows on the rivers. With the higher than average snowpack and inflow forecast, we have increased reservoir releases in anticipation of making room for the runoff in Blue Mesa Reservoir. The reservoir elevation is currently at 7475.36 feet, which corresponds to a storage content of about 473,000 acre-feet. This elevation is about 16 feet lower than a year ago.

The latest Water Supply Forecast for Water Year 2011 was issued on May 1st and the April through July unregulated inflow is forecasted to be at 945,000 acre-feet (131% of normal). This sets the senior Black Canyon Water Right call for a one day spring peak flow of 6,793 cfs. At this time, Reclamation plans to operate the Aspinall Unit to allow the water right to be met. Under the proposed operation Blue Mesa is projected to fill this runoff season. The projected fill is calculated to be between 7516.4 feet and 7519.4 feet. Any elevation above 7516.00 is considered a fill for the season.

Releases from Crystal are currently working their way up to a full powerplant and bypass release of 4200 cfs. The Gunnison Diversion Tunnel started taking water for the new season on March 21, 2011. The current diversion rate in the tunnel is 1050 cfs, which results in a river flow below the diversion tunnel of approximately 2450 cfs. River flows will increase to around 3200 cfs by the middle of May and should hold steady after that until the spring peak operation begins sometime in late May or early June.

The next meeting of the "Aspinall Unit Working Group" will be held on Thursday, August 18, 2011 starting at 1:00 PM at the Elk Creek Visitor Center at Blue Mesa Reservoir. At this meeting, review of this spring's reservoir operations, and plans for this fall and winter operations will be discussed. These meetings are open forum discussions on the Aspinall Unit reservoir operations with many interested groups participating. Anyone needing further information about these meetings should contact Dan Crabtree in the Grand Junction Area Office at (970) 248-0652.

Navajo Reservoir - Releases from Navajo Reservoir have been set at 500 cfs since early fall 2010, with exception of two recent periods, April 15 through 20th, and May 5 through 9th when a temporary increase to 650 cfs was required to meet downstream target base flows. All reservoir releases are made for the authorized purposes of the Navajo Unit, and to attempt to maintain a target base flow through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell).

The San Juan River Basin Recovery Implementation Program recommends a target base flow of between 500 cfs and 1,000 cfs through the critical habitat area. The target base flow is calculated as the weekly average of gaged flows throughout the critical habitat area, therefore daily flows of less than 500 cfs may occur at some gages.

Snowpack for the upper San Juan basin now stands at 100 percent of average, while the Animas River basin is 110 percent of average. Precipitation during April was 100 percent of average. Unregulated inflow into Navajo Reservoir during the month of April was 115,000 acre-feet, or 77 percent of average. Currently, the daily reservoir inflow is averaging about 2,500 cfs. The reservoir water surface elevation is currently 6061.42 feet, which corresponds to storage content of about 1,366,000 acre-feet. NIIP started their diversions on March 17th, which are currently set at about 500 cfs.

The latest Water Supply Forecast for Water Year 2011 has been issued and the April through July unregulated inflow is forecasted to be at 545,000 acre-feet (74% of normal), this is a decrease of 5,000 acre-feet from last month's forecast. Given this forecast, there will be a one week spring peak release of 5,000 cfs which results in an end of water year reservoir elevation estimated to be 6059 feet.

A public meeting on Navajo Reservoir operations was held on Wednesday, April 20, 2011 in Farmington, New Mexico. At this meeting, review of this winter's reservoir operations, and plans for this spring and summer operations will be discussed. These are open forum discussions on the operation of Navajo Reservoir with many interested groups participating. Anyone interested in the general operation of the reservoir is encouraged to attend. Please contact Ryan Christianson in Reclamation's Durango, Colorado Office at (970) 385-6590 for information about these meetings or the daily operation of Navajo Reservoir.

Glen Canyon Dam / Lake Powell – The unregulated inflow to Lake Powell for April 2011 was 983 kaf (100% of average) which was 117 kaf below the level forecasted for April by the Colorado Basin River Forecast Center (CBRFC) which was 1100 kaf (112%

of average). On April 9, 2011, the elevation of Lake Powell dropped to 3609.7 feet above sea level which will likely be the lowest elevation that will occur during water year 2011. As of May 10, 2011 the elevation had increased to 3613.3 feet above sea level. Inflows are averaging about 21,400 cfs while releases are averaging about 14,800 cfs so the elevation is increasing at over 1 inch per day. It is projected that the elevation of Lake Powell could increase by more than 50 feet from the low point for the water year to a peak elevation of approximately 3660 feet above sea level by late July or early August which would be approximately 40 feet from the full pool elevation of 3700 feet.

Current Dam Operations

The release volume currently scheduled for May is 1195 kaf and this is estimated to be the maximum release capability of the powerplant at Glen Canyon Dam. Releases in May, from May 1 through May 13 will be near steady at approximately 14,400 cfs. On May 14, 2011, generating units 3 and 4 are projected to be returned to service. When this occurs, releases from Glen Canyon Dam will increase to approximately 23,000 cfs which is estimated to be the maximum release rate from the powerplant. Releases will be near steady at this level to the end of the month. The projected release volume for June is 1369 kaf and the release rate will be near steady at approximately 23,000 cfs. Depending on inflow conditions, releases for July and August could also be near powerplant capacity.

In addition to daily operations that may or may not include daily fluctuation patterns for load following power generation, the instantaneous releases from Glen Canyon Dam may also fluctuate somewhat to provide approximately 40 megawatts of system regulation. These instantaneous release adjustments maintain stable conditions within the electrical generation and transmission system and result in momentary release fluctuations within a range of about 1100 cfs above or below the targeted hourly release rate. The momentary fluctuations for regulation are very short lived and typically balance out over the hour.

Spinning and non-spinning reserve generation is also maintained at Glen Canyon Dam. In order for Glen Canyon Dam (and other Colorado River Storage Project dams) to participate in the electrical generation and transmissions system, Glen Canyon Dam must maintain a level of generation capacity in reserve to assist the local control area to maintain electrical supply when unanticipated generation outages occur within the control area. Glen Canyon is required to maintain 99 megawatts (approximately 2,650 cfs of release) of capacity in reserve for these unanticipated outages. When an electrical outage occurs, Glen Canyon Dam can be called upon to provide up to an additional 99 megawatts of generation above what was originally scheduled for Glen Canyon Dam for a duration of 2 hours or less. Under normal circumstances, calls for reserve generation occur fairly infrequently and are for much less than the required 99 megawatts.

Annual Operations-Coordinated Operation of Lake Mead and Lake Powell under Interim Guidelines for Water Year 2011

In August of 2010, the 24-Month Study was used to project the January 1, 2010 elevations of Lake Powell and Lake Mead. Based on these projected elevations and

pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines), the operating tier for water year 2011 was selected to be Upper Elevation Balancing. Operation of Glen Canyon Dam under Upper Elevation Balancing can result in an annual release as low as 7.0 maf, when Balancing occurs, or as high as would be required to achieve Equalization which could be as low as 8.23 maf or as high as 13 maf or greater depending on system conditions. The operational outcome of Upper Elevation Balancing is largely dependent on projected and actual system conditions at the end of the water year.

Current Inflow Forecasts and Model Projections

Snowpack conditions above Lake Powell have persisted to be above average since late December 2010. The overall snowpack above Lake Powell on May 10, 2011 was 147% of the seasonal average. The snowpack conditions continued to build basin wide throughout April 2011 when typically snowpack normally begins to melt. Temperatures in the Colorado River Basin have remained below average and this has protected the snowpack beyond what was expected. The Water Supply forecast for Lake Powell issued by the CBRFC (April through July Unregulated Inflow Volume) was 9.7 maf (123% of average) at mid April but has been increased significantly for May which is now 11.5 maf (145% of average). The 2011 water year projected unregulated inflow volume was projected in April to be 13.11 maf (109% of average). With the increased forecast for May the 2011 water year projected unregulated inflow volume is now 15.34 maf (127% of average). The last water year where Lake Powell observed that level of unregulated inflow was 1996 when the unregulated inflow volume was 17.05 maf (142% of average) and in the 47 years since the closure of Glen Canyon Dam there have only been 8 years where the unregulated inflow volume was at or above the level projected for this year.

The unregulated inflow forecast for Lake Powell over the next 3 months based on the May final Water Supply forecast is as follows: May-3,000 kaf (130% of average); June-5,200 kaf (169% of average); July-2,300 kaf (148% of average). Incorporating these new forecasts, the most probable Lake Powell unregulated inflow volume projection for water year 2011 is now 15.34 maf (127% of average). This is the median unregulated inflow volume that is forecasted to occur for water year 2011. There is a 50% chance that the unregulated inflow volume will be higher or lower than this volume. A reasonable range of possible inflows is defined by a minimum probable inflow volume and a maximum probable inflow volume. These volumes represent what would be expected to be achieved or exceeded 90% of the time (minimum inflow volume) and 10% of the time (maximum inflow volume). The forecasted water year (2011) minimum probable inflow volume issued for May is 12.4 maf (103% of average). The forecasted water year (2011) maximum probable inflow volume issued for May is 18.1 maf (150% of average). Given this range, there is still a significant amount of uncertainty for how 2011 will play out over the next 5 months.

The May 2011 24-Month Study, with the 2011 most probable inflow condition projects that Equalization will be required under the Interim Guidelines and the projected annual

release volume from this study is projected to be 12.46 maf. This annual release volume is estimated to be the maximum volume that Glen Canyon Powerplant can release given the unit efficiency and unit maintenance outages that are scheduled from now to the end of the water year. As hydrologic conditions change throughout the remaining months of water year 2011, dam operations and the projected annual release volume will be adjusted to achieve as practicably as possible the objectives of the Equalization Tier of the Interim Guidelines.

Upper Colorado River Basin Hydrology

In the Upper Colorado River Basin during water year 2010, the overall precipitation accumulated through September 30, 2010 was approximately 90% of average based on the 30 year average for the period from 1971 through 2000. For Water Year 2011 thus far, the estimated monthly precipitation within the Upper Colorado River Basin (above Lake Powell) as a percentage of average has been: (October - 135%, November - 95%, December - 225%, January - 50%, February - 100%, March - 90%, April – 155%)

The Climate Prediction Center outlook (dated April 21, 2010) for temperature over the next 3 months indicates that temperatures in the Upper Colorado River Basin are expected to be above average while precipitation over the next 3 months is projected to be near average in the northern reaches of the basin while below average in the southern reaches of the basin.

Upper Colorado River Basin Drought

The Upper Colorado River Basin continues to experience a protracted multi-year drought. Since 1999, inflow to Lake Powell has been below average in every year except water years 2005 and 2008. In the summer of 1999, Lake Powell was close to full with reservoir storage at 23.5 million acre-feet, or 97 percent of capacity. During the next 5 years (2000 through 2004) unregulated inflow to Lake Powell was well below average. This resulted in Lake Powell storage decreasing during this period to 8.0 million acre-feet (33 percent of capacity) which occurred on April 8, 2005. During 2005, 2008 and 2009, drought conditions eased somewhat with near or above average inflow conditions and net gains in storage to Lake Powell. 2011 will be another above average inflow year so drought conditions are easing somewhat in the Colorado River Basin. As of May 10, 2011 the storage in Lake Powell was approximately 13.07 million acre-feet (53.7 % of capacity) which is below desired levels. The overall reservoir storage in the Colorado River Basin as of April 18, 2011 is approximately 31.61 million acre-feet (53.2 % of capacity).

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-430
125 SOUTH STATE STREET, ROOM 6107
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-3709

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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:	Obs			apr	Forecast			Outlook	
:	jan	feb	mar	apr	%Avg	may	jun	jul	apr-jul %Avg
GLDA3:Lake Powell	381	317	594	983	100%:	3000/	5200/	2300/	11500/: 145%
GBRW4:Fontenelle	29	26	36	92	99%:	225/	570/	305/	1190/: 138%
GRNU1:Flaming Gorge	44	36	99	159	101%:	400/	750/	350/	1660/: 139%
BMDC2:Blue Mesa	23	21	38	77	102%:	270/	435/	165/	945/: 131%
MPSC2:Morrow Point	23	21	38	84	97%:	305/	470/	175/	1030/: 131%
CLSC2:Crystal	27	24	43	92	91%:	345/	530/	195/	1160/: 127%
TPIC2:Taylor Park	4.6	4.0	4.6	7.5	89%:	36/	69/	30/	143/: 139%
VCRC2:Vallecito	4.8	4.2	7.3	22	106%:	50/	61/	20/	153/: 75%
NVRN5:Navajo	16.0	17.6	41	115	68%:	200/	196/	34/	545/: 69%
LEMC2:Lemon	0.76	0.65	1.24	4.3	85%:	15/	17.8/	4.2/	41/: 71%
MPHC2:McPhee	3.8	3.3	12.0	46	77%:	101/	72/	17/	235/: 73%
RBSC2:Ridgway	3.9	3.2	4.9	9.5e	95%:	/	/	/	110/: 108%

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2011 24-Month Study

Most Probable Inflow*

Fontenelle Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	May 2010	40	1	49	0	49	6469.44	117
H	Jun 2010	251	2	50	1	51	6502.04	314
I	Jul 2010	134	3	91	22	113	6504.39	333
S	Aug 2010	50	2	68	0	68	6501.76	312
T	Sep 2010	29	2	26	35	61	6497.33	279
	WY 2010	**781**	**14**	**530**	**233**	**763**		
O	Oct 2010	31	1	5	55	59	6493.24	250
R	Nov 2010	34	1	53	1	54	6490.17	229
I	Dec 2010	37	1	55	0	55	6487.27	210
C	Jan 2011	29	1	55	0	55	6482.87	183
A	Feb 2011	26	1	50	0	50	6478.35	158
L	Mar 2011	36	1	58	0	58	6473.74	136
*	Apr 2011	92	1	84	15	100	6471.99	128
	May 2011	225	1	97	118	215	6473.87	136
	Jun 2011	570	2	97	408	506	6485.45	199
	Jul 2011	305	2	108	55	163	6505.07	338
	Aug 2011	118	2	98	12	110	6505.75	344
	Sep 2011	59	2	35	38	73	6503.75	328
	WY 2011	**1562**	**15**	**797**	**702**	**1499**		
	Oct 2011	49	1	75	0	75	6500.12	300
	Nov 2011	41	1	73	0	73	6495.73	268
	Dec 2011	32	1	75	0	75	6489.26	224
	Jan 2012	30	1	75	0	75	6481.99	178
	Feb 2012	28	1	70	0	70	6473.58	135
	Mar 2012	52	0	75	0	75	6468.00	111
	Apr 2012	89	1	83	0	83	6469.40	117
	May 2012	176	1	86	0	86	6486.49	205
	Jun 2012	307	2	104	106	210	6500.16	300
	Jul 2012	185	3	101	40	141	6505.51	342
	Aug 2012	82	2	87	0	87	6504.62	335
	Sep 2012	48	2	71	0	71	6501.46	310
	WY 2012	**1121**	**15**	**976**	**147**	**1123**		
	Oct 2012	49	1	73	0	73	6498.11	285
	Nov 2012	41	1	70	0	70	6494.01	255
	Dec 2012	32	1	73	0	73	6487.87	214
	Jan 2013	30	1	73	0	73	6480.81	171
	Feb 2013	28	1	66	0	66	6473.21	133
	Mar 2013	52	0	73	0	73	6468.26	112
	Apr 2013	89	1	83	0	83	6469.68	118

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2098

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2011 24-Month Study

Most Probable Inflow*

Flaming Gorge Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	May 2010	72	81	8	101	0	101	129	6025.97	3196	537
H	Jun 2010	387	187	10	138	0	138	130	6026.97	3234	736
I	Jul 2010	151	130	13	96	0	96	131	6027.51	3254	195
S	Aug 2010	54	72	12	100	0	100	129	6026.47	3215	135
T	Sep 2010	22	54	10	106	0	106	127	6024.83	3154	127
	WY 2010	**1018**	**1000**	**79**	**1168**	**1**	**1169**				**2764**
O	Oct 2010	32	60	7	77	0	77	126	6024.21	3131	113
R	Nov 2010	31	52	4	63	0	63	125	6023.83	3117	107
I	Dec 2010	45	64	2	68	0	68	125	6023.67	3111	114
C	Jan 2011	44	70	2	68	0	68	125	6023.69	3112	525
A	Feb 2011	36	60	2	67	0	67	125	6023.47	3104	489
L	Mar 2011	98	120	3	59	0	59	127	6024.99	3160	181
*	Apr 2011	159	166	5	172	0	172	127	6024.71	3150	472
	May 2011	400	390	8	250	0	250	132	6028.11	3277	250
	Jun 2011	750	686	11	283	229	512	138	6032.18	3434	512
	Jul 2011	350	208	14	268	0	268	135	6030.35	3363	268
	Aug 2011	135	127	13	112	0	112	135	6030.40	3365	112
	Sep 2011	70	84	11	109	0	109	134	6029.51	3330	109
	WY 2011	**2151**	**2088**	**81**	**1596**	**229**	**1824**				**3253**
	Oct 2011	59	86	7	112	0	112	133	6028.67	3298	112
	Nov 2011	50	82	3	109	0	109	131	6027.90	3269	109
	Dec 2011	36	79	2	112	0	112	130	6027.01	3235	112
	Jan 2012	41	86	2	112	0	112	129	6026.30	3208	112
	Feb 2012	46	88	2	105	0	105	128	6025.82	3190	105
	Mar 2012	104	127	3	112	0	112	129	6026.13	3202	112
	Apr 2012	142	136	5	109	0	109	130	6026.71	3224	109
	May 2012	265	175	8	112	0	112	132	6028.11	3277	112
	Jun 2012	399	301	11	109	0	109	139	6032.64	3452	109
	Jul 2012	218	174	14	155	0	155	139	6032.76	3457	155
	Aug 2012	96	101	13	200	0	200	135	6030.00	3349	200
	Sep 2012	58	81	11	104	0	104	133	6029.14	3316	104
	WY 2012	**1515**	**1517**	**81**	**1451**	**0**	**1451**				**1451**
	Oct 2012	59	83	7	108	0	108	132	6028.34	3285	108
	Nov 2012	50	79	3	104	0	104	131	6027.62	3258	104
	Dec 2012	36	76	2	108	0	108	130	6026.77	3226	108
	Jan 2013	41	83	2	108	0	108	129	6026.11	3201	108
	Feb 2013	46	83	2	97	0	97	128	6025.70	3186	97
	Mar 2013	104	125	3	108	0	108	129	6026.06	3200	108
	Apr 2013	142	136	5	104	0	104	130	6026.76	3226	104

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2011 24-Month Study

Most Probable Inflow*

Taylor Park Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	May 2010	22	9	9316.36	80
H	Jun 2010	35	18	9325.55	97
I	Jul 2010	10	20	9320.19	87
S	Aug 2010	10	17	9316.06	80
T	Sep 2010	6	14	9311.57	72
	WY 2010	**121**	**122**		
O	Oct 2010	7	6	9312.21	73
R	Nov 2010	5	5	9312.27	74
I	Dec 2010	5	5	9312.71	74
C	Jan 2011	5	5	9312.70	74
A	Feb 2011	4	4	9312.51	74
L	Mar 2011	5	6	9311.89	73
*	Apr 2011	7	8	9311.44	72
	May 2011	36	38	9310.20	70
	Jun 2011	69	38	9327.51	101
	Jul 2011	30	36	9324.42	95
	Aug 2011	13	22	9319.67	86
	Sep 2011	8	16	9315.16	78
	WY 2011	**194**	**188**		
	Oct 2011	6	10	9312.89	75
	Nov 2011	5	6	9312.22	73
	Dec 2011	4	6	9311.29	72
	Jan 2012	4	6	9310.17	70
	Feb 2012	4	6	9308.76	68
	Mar 2012	4	6	9307.64	66
	Apr 2012	8	8	9307.85	67
	May 2012	27	16	9314.75	78
	Jun 2012	43	20	9327.20	101
	Jul 2012	20	22	9326.39	99
	Aug 2012	10	22	9320.04	87
	Sep 2012	7	16	9314.92	78
	WY 2012	**144**	**144**		
	Oct 2012	6	10	9312.64	74
	Nov 2012	5	6	9311.97	73
	Dec 2012	4	6	9311.03	72
	Jan 2013	4	6	9309.91	70
	Feb 2013	4	6	9308.63	68
	Mar 2013	4	6	9307.51	66
	Apr 2013	8	8	9307.72	66

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2098

Processed On: 5/9/2011 3:39:26PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2011 24-Month Study

Most Probable Inflow*

Blue Mesa Reservoir

	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	May 2010	143	131	1	110	6	116	7492.59	602
H	Jun 2010	205	186	1	51	0	51	7508.76	735
I	Jul 2010	50	60	1	98	0	98	7504.17	696
S	Aug 2010	56	63	1	92	0	92	7500.54	666
T	Sep 2010	23	31	1	86	0	86	7493.54	609
	WY 2010	**725**	**727**	**8**	**754**	**6**	**760**		
O	Oct 2010	29	29	1	85	0	85	7486.20	552
R	Nov 2010	27	27	0	24	0	24	7486.60	555
I	Dec 2010	30	29	0	27	0	27	7486.84	557
C	Jan 2011	23	23	0	27	0	27	7486.34	553
A	Feb 2011	21	21	0	43	0	43	7483.46	532
L	Mar 2011	38	39	0	75	0	75	7478.48	495
*	Apr 2011	77	78	1	95	0	95	7475.97	477
	May 2011	270	272	1	165	0	165	7490.22	583
	Jun 2011	435	404	1	183	0	183	7516.42	803
	Jul 2011	165	171	2	199	0	199	7513.11	773
	Aug 2011	77	86	1	120	0	120	7509.04	738
	Sep 2011	41	49	1	116	0	116	7500.95	669
	WY 2011	**1233**	**1227**	**9**	**1158**	**0**	**1158**		
	Oct 2011	36	39	1	71	0	71	7497.02	637
	Nov 2011	31	32	0	41	0	41	7495.83	627
	Dec 2011	25	27	0	73	0	73	7490.00	581
	Jan 2012	24	26	0	79	0	79	7482.99	528
	Feb 2012	22	24	0	61	0	61	7477.94	491
	Mar 2012	34	36	0	31	0	31	7478.57	496
	Apr 2012	73	73	1	48	0	48	7481.85	520
	May 2012	212	201	1	107	0	107	7493.95	612
	Jun 2012	271	248	1	67	0	67	7515.21	792
	Jul 2012	121	122	2	110	0	110	7516.40	802
	Aug 2012	62	74	1	122	0	122	7510.78	753
	Sep 2012	36	45	1	113	0	113	7502.73	684
	WY 2012	**946**	**947**	**9**	**923**	**0**	**923**		
	Oct 2012	36	39	1	71	0	71	7498.84	652
	Nov 2012	31	32	0	41	0	41	7497.66	642
	Dec 2012	25	27	0	87	0	87	7490.00	581
	Jan 2013	24	26	0	79	0	79	7482.99	528
	Feb 2013	22	24	0	54	0	54	7478.88	498
	Mar 2013	34	36	0	36	0	36	7478.81	497
	Apr 2013	73	73	1	48	0	48	7482.09	521

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2098

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2011 24-Month Study

Most Probable Inflow*

Morrow Point Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	May 2010	159	116	16	132	129	0	129	7154.46	113
H	Jun 2010	216	51	12	63	64	0	64	7153.15	112
I	Jul 2010	51	98	1	98	96	0	96	7156.02	114
S	Aug 2010	56	92	1	93	93	0	93	7155.63	114
T	Sep 2010	23	86	0	87	92	0	92	7148.78	108
	WY 2010	**773**	**760**	**48**	**807**	**805**	**0**	**805**		
O	Oct 2010	30	85	1	86	82	0	82	7153.88	112
R	Nov 2010	29	24	1	25	26	0	26	7152.79	111
I	Dec 2010	30	27	0	28	27	0	27	7153.98	112
C	Jan 2011	23	27	0	27	27	0	27	7153.70	112
A	Feb 2011	21	43	0	43	44	0	44	7152.08	111
L	Mar 2011	38	75	1	75	73	0	73	7154.37	113
*	Apr 2011	84	95	7	102	104	0	104	7152.20	111
	May 2011	305	165	35	200	199	0	199	7153.73	112
	Jun 2011	470	183	35	218	218	0	218	7153.73	112
	Jul 2011	175	199	10	209	209	0	209	7153.73	112
	Aug 2011	81	120	5	125	125	0	125	7153.73	112
	Sep 2011	44	116	3	119	119	0	119	7153.73	112
	WY 2011	**1331**	**1158**	**99**	**1257**	**1253**	**0**	**1253**		
	Oct 2011	38	71	3	74	74	0	74	7153.73	112
	Nov 2011	33	41	2	43	43	0	43	7153.73	112
	Dec 2011	27	73	2	75	75	0	75	7153.73	112
	Jan 2012	26	79	2	81	81	0	81	7153.73	112
	Feb 2012	25	61	3	64	64	0	64	7153.73	112
	Mar 2012	38	31	4	35	35	0	35	7153.73	112
	Apr 2012	84	48	11	59	59	0	59	7153.73	112
	May 2012	237	107	25	132	132	0	132	7153.73	112
	Jun 2012	292	67	21	88	88	0	88	7153.73	112
	Jul 2012	127	110	7	117	117	0	117	7153.73	112
	Aug 2012	65	122	4	126	126	0	126	7153.73	112
	Sep 2012	39	113	3	116	116	0	116	7153.73	112
	WY 2012	**1033**	**923**	**86**	**1010**	**1010**	**0**	**1010**		
	Oct 2012	38	71	3	74	74	0	74	7153.73	112
	Nov 2012	33	41	2	43	43	0	43	7153.73	112
	Dec 2012	27	87	2	89	89	0	89	7153.73	112
	Jan 2013	26	79	2	81	81	0	81	7153.73	112
	Feb 2013	25	54	3	57	57	0	57	7153.73	112
	Mar 2013	38	36	4	40	40	0	40	7153.73	112
	Apr 2013	84	48	11	59	59	0	59	7153.73	112

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2011 24-Month Study

Most Probable Inflow*

Crystal Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
*	May 2010	179	129	20	148	108	36	148	6752.53	17	60	91
H	Jun 2010	242	64	25	89	89	0	89	6752.91	17	56	39
I	Jul 2010	55	96	4	100	100	0	100	6751.15	16	69	39
S	Aug 2010	61	93	5	98	98	0	98	6749.05	16	68	37
T	Sep 2010	26	92	3	95	95	0	95	6748.16	16	63	36
	WY 2010	**859**	**805**	**86**	**891**	**824**	**63**	**890**			**415**	**528**
O	Oct 2010	34	82	4	86	85	0	85	6750.41	16	51	33
R	Nov 2010	32	26	4	30	30	0	30	6748.60	16	1	29
I	Dec 2010	34	27	4	31	31	0	31	6748.24	16	1	30
C	Jan 2011	27	27	4	31	30	1	31	6749.02	16	1	30
A	Feb 2011	24	44	3	47	24	23	46	6751.55	17	1	47
L	Mar 2011	43	73	5	78	78	0	78	6751.94	17	5	76
*	Apr 2011	92	104	8	112	110	2	112	6752.03	17	38	79
	May 2011	345	199	40	239	135	104	238	6753.04	17	55	183
	Jun 2011	530	218	60	278	130	148	278	6753.04	17	60	218
	Jul 2011	195	209	20	229	134	95	229	6753.04	17	65	164
	Aug 2011	91	125	9	134	134	0	134	6753.04	17	65	69
	Sep 2011	51	119	7	126	126	0	126	6753.04	17	55	71
	WY 2011	**1499**	**1253**	**167**	**1420**	**1046**	**372**	**1418**			**397**	**1029**
	Oct 2011	44	74	6	80	80	0	80	6753.04	17	30	50
	Nov 2011	38	43	5	48	48	0	48	6753.04	17	0	48
	Dec 2011	32	75	5	79	79	0	79	6753.04	17	0	79
	Jan 2012	31	81	5	86	86	0	86	6753.04	17	0	86
	Feb 2012	29	64	4	68	68	0	68	6753.04	17	0	68
	Mar 2012	46	35	7	42	42	0	42	6753.04	17	5	37
	Apr 2012	96	59	12	71	71	0	71	6753.04	17	30	41
	May 2012	272	132	35	167	134	33	167	6753.04	17	55	112
	Jun 2012	330	88	38	127	127	0	127	6753.04	17	60	67
	Jul 2012	144	117	17	134	134	0	134	6753.04	17	65	69
	Aug 2012	74	126	8	134	134	0	134	6753.04	17	65	69
	Sep 2012	45	116	6	122	122	0	122	6753.04	17	55	67
	WY 2012	**1183**	**1010**	**150**	**1160**	**1127**	**33**	**1160**			**365**	**795**
	Oct 2012	44	74	6	80	80	0	80	6753.04	17	30	50
	Nov 2012	38	43	5	48	48	0	48	6753.04	17	0	48
	Dec 2012	32	89	5	94	94	0	94	6753.04	17	0	94
	Jan 2013	31	81	5	86	86	0	86	6753.04	17	0	86
	Feb 2013	29	57	4	61	61	0	61	6753.04	17	0	61
	Mar 2013	46	40	7	47	47	0	47	6753.04	17	5	42
	Apr 2013	96	59	12	71	71	0	71	6753.04	17	30	41

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2011 24-Month Study

Most Probable Inflow*

Vallecito Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	May 2010	69	20	7660.32	113
H	Jun 2010	46	42	7661.51	116
I	Jul 2010	12	37	7651.21	90
S	Aug 2010	19	33	7645.00	75
T	Sep 2010	10	26	7637.70	59
	WY 2010	**210**	**196**		
O	Oct 2010	12	13	7636.95	58
R	Nov 2010	7	2	7639.20	63
I	Dec 2010	6	2	7641.20	67
C	Jan 2011	5	2	7642.53	70
A	Feb 2011	4	2	7643.62	72
L	Mar 2011	7	2	7645.67	77
*	Apr 2011	22	4	7653.10	95
	May 2011	50	32	7659.91	112
	Jun 2011	61	47	7664.87	125
	Jul 2011	20	42	7656.45	103
	Aug 2011	15	38	7646.78	79
	Sep 2011	15	30	7640.16	65
	WY 2011	**223**	**215**		
	Oct 2011	14	16	7639.12	62
	Nov 2011	8	2	7642.16	69
	Dec 2011	6	2	7644.05	73
	Jan 2012	5	2	7645.53	76
	Feb 2012	5	2	7646.81	79
	Mar 2012	8	3	7648.85	84
	Apr 2012	22	3	7656.46	103
	May 2012	69	57	7661.08	115
	Jun 2012	78	67	7664.83	125
	Jul 2012	31	41	7660.67	114
	Aug 2012	19	38	7653.30	95
	Sep 2012	17	29	7648.33	83
	WY 2012	**282**	**260**		
	Oct 2012	14	13	7648.55	84
	Nov 2012	8	6	7649.53	86
	Dec 2012	6	5	7650.10	87
	Jan 2013	5	3	7650.94	89
	Feb 2013	5	3	7651.72	91
	Mar 2013	8	3	7653.65	96
	Apr 2013	22	10	7658.11	107

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2011 24-Month Study

Most Probable Inflow*

Navajo Reservoir

	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azetea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Farmington Flow (1000 Ac-Ft)
*	May 2010	264	35	182	4	26	30	6071.80	1506	126
H	Jun 2010	152	27	116	5	40	33	6074.50	1544	118
I	Jul 2010	15	2	39	5	47	58	6069.52	1474	72
S	Aug 2010	39	2	52	4	35	41	6067.48	1446	69
T	Sep 2010	24	1	39	3	25	45	6064.97	1412	57
	WY 2010	**855**	**89**	**753**	**29**	**202**	**423**			**802**
O	Oct 2010	24	0	26	2	8	36	6063.49	1393	46
R	Nov 2010	17	0	12	1	1	29	6062.08	1374	46
I	Dec 2010	23	0	19	1	1	30	6061.11	1362	42
C	Jan 2011	16	0	13	1	1	31	6059.58	1342	50
A	Feb 2011	18	0	15	1	1	28	6058.41	1328	45
L	Mar 2011	41	2	35	2	4	31	6058.28	1326	49
*	Apr 2011	115	14	84	2	19	31	6060.75	1357	44
	May 2011	200	33	149	4	28	91	6062.81	1384	91
	Jun 2011	196	22	160	4	43	77	6065.50	1419	77
	Jul 2011	34	2	53	5	46	39	6062.75	1383	39
	Aug 2011	28	0	51	4	39	42	6060.13	1349	42
	Sep 2011	35	2	47	3	22	33	6059.27	1339	33
	WY 2011	**747**	**75**	**664**	**28**	**212**	**498**			**605**
	Oct 2011	40	0	42	2	8	31	6059.43	1341	31
	Nov 2011	33	0	26	1	0	30	6059.09	1336	30
	Dec 2011	24	0	20	1	0	31	6058.15	1324	31
	Jan 2012	22	0	18	1	0	31	6057.11	1311	31
	Feb 2012	30	0	27	1	0	28	6057.00	1310	28
	Mar 2012	88	1	83	2	4	52	6059.03	1336	52
	Apr 2012	174	16	138	3	17	56	6063.99	1399	56
	May 2012	279	35	231	4	29	121	6069.73	1477	121
	Jun 2012	246	27	208	5	44	182	6068.11	1455	182
	Jul 2012	74	4	81	5	47	37	6067.56	1447	37
	Aug 2012	43	2	60	4	40	42	6065.68	1422	42
	Sep 2012	42	1	53	3	22	36	6065.08	1414	36
	WY 2012	**1096**	**85**	**989**	**28**	**210**	**675**			**675**
	Oct 2012	40	0	40	2	8	31	6065.02	1413	31
	Nov 2012	33	0	31	1	0	30	6065.00	1413	30
	Dec 2012	24	0	22	1	0	31	6064.32	1404	31
	Jan 2013	22	0	20	1	0	31	6063.43	1392	31
	Feb 2013	30	0	29	1	0	27	6063.48	1393	27
	Mar 2013	88	1	83	2	4	31	6066.95	1439	31
	Apr 2013	174	16	146	3	17	34	6073.64	1532	34

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2011 24-Month Study

Most Probable Inflow*

Lake Powell

	Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry (1000 Ac-Ft)
*	May 2010	1399	1224	32	601	0	601	3625.96	17785	14405	612
H	Jun 2010	2776	2321	53	601	0	601	3638.82	17994	15864	612
I	Jul 2010	674	706	65	802	0	802	3636.52	18100	15596	824
S	Aug 2010	504	608	64	802	0	802	3634.55	18070	15369	826
T	Sep 2010	277	461	58	480	0	480	3633.66	18095	15267	490
	WY 2010	**8634**	**8674**	**444**	**8234**	**0**	**8235**				**8419**
O	Oct 2010	362	512	41	495	0	495	3634.08	18023	15315	502
R	Nov 2010	438	474	39	810	0	810	3630.31	18075	14888	826
I	Dec 2010	416	446	30	847	0	847	3626.54	18063	14469	865
C	Jan 2011	381	429	9	997	0	997	3620.55	18133	13822	1015
A	Feb 2011	317	377	10	964	0	964	3614.95	18123	13235	984
L	Mar 2011	587	589	16	1033	0	1033	3610.73	18094	12804	1055
*	Apr 2011	981	941	25	940	0	940	3611.93	17949	12926	964
	May 2011	3000	2696	31	1195	0	1195	3624.87	18058	14287	1195
	Jun 2011	5200	4656	54	1369	0	1369	3650.52	18297	17280	1369
	Jul 2011	2300	2305	72	1465	0	1465	3656.14	18354	17991	1465
	Aug 2011	834	908	72	1465	0	1465	3651.54	18307	17409	1465
	Sep 2011	568	704	65	883	0	883	3649.74	18289	17183	883
	WY 2011	**15384**	**15037**	**463**	**12463**	**0**	**12463**				**12587**
	Oct 2011	514	601	45	912	0	912	3647.07	18263	16854	912
	Nov 2011	523	589	42	1138	0	1138	3642.55	18219	16306	1138
	Dec 2011	414	544	33	800	0	800	3640.31	18198	16039	800
	Jan 2012	384	519	10	800	0	800	3638.01	18176	15770	800
	Feb 2012	398	493	11	800	0	800	3635.48	18153	15475	800
	Mar 2012	628	601	18	800	0	800	3633.73	18137	15274	800
	Apr 2012	950	806	29	800	0	800	3633.54	18135	15253	800
	May 2012	2161	1810	35	950	0	950	3640.12	18196	16017	950
	Jun 2012	2811	2324	57	1100	0	1100	3649.05	18282	17098	1100
	Jul 2012	1346	1285	70	1165	0	1165	3649.42	18286	17144	1165
	Aug 2012	566	771	69	1109	0	1109	3646.35	18256	16766	1109
	Sep 2012	460	599	63	714	0	714	3645.00	18243	16601	714
	WY 2012	**11154**	**10942**	**483**	**11088**	**0**	**11088**				**11088**
	Oct 2012	514	596	43	738	0	738	3643.58	18229	16429	738
	Nov 2012	523	584	41	800	0	800	3641.59	18210	16192	800
	Dec 2012	414	555	33	900	0	900	3638.63	18182	15842	900
	Jan 2013	384	514	10	900	0	900	3635.48	18153	15475	900
	Feb 2013	398	478	11	800	0	800	3632.78	18128	15167	800
	Mar 2013	628	581	18	600	0	600	3632.48	18125	15132	600
	Apr 2013	950	780	29	800	0	800	3632.08	18122	15087	800

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2011 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Glen Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	May 2010	601	87	47	961	15.6	28	933	714	1094.30	10987
H	Jun 2010	601	30	55	1007	16.9	27	1006	686	1089.30	10556
I	Jul 2010	802	29	68	941	15.3	33	937	673	1086.97	10357
S	Aug 2010	802	126	72	829	13.5	33	823	673	1086.91	10352
T	Sep 2010	480	82	59	758	12.7	23	755	656	1083.81	10092
	WY 2010	**8235**	**928**	**564**	**9260**		**235**	**9039**			
O	Oct 2010	495	80	42	638	10.4	24	607	648	1082.36	9971
R	Nov 2010	810	13	42	800	13.4	18	795	646	1081.94	9936
I	Dec 2010	847	248	37	660	10.7	9	630	670	1086.30	10301
C	Jan 2011	997	75	31	540	8.8	9	526	700	1091.73	10765
A	Feb 2011	964	84	29	635	11.4	9	616	723	1095.78	11117
L	Mar 2011	1033	77	33	1006	16.4	14	1002	726	1096.39	11170
*	Apr 2011	940	141	40	1078	18.1	21	1066	722	1095.76	11115
	May 2011	1195	49	47	1031	16.8	27	1031	731	1097.24	11245
	Jun 2011	1369	23	57	990	16.6	23	990	751	1100.64	11548
	Jul 2011	1465	50	73	887	14.4	25	887	783	1106.12	12046
	Aug 2011	1465	109	79	817	13.3	27	817	823	1112.67	12657
	Sep 2011	883	70	66	639	10.7	19	639	837	1114.92	12871
	WY 2011	**12463**	**1017**	**576**	**9721**		**224**	**9608**			
	Oct 2011	912	59	49	476	7.7	23	476	862	1119.06	13269
	Nov 2011	1138	48	50	657	11.0	22	657	890	1123.47	13699
	Dec 2011	800	99	44	547	8.9	17	547	908	1126.22	13973
	Jan 2012	800	76	36	708	11.5	20	708	915	1127.27	14078
	Feb 2012	800	92	33	729	12.7	18	729	922	1128.31	14183
	Mar 2012	800	80	37	1033	16.8	24	1033	909	1126.31	13981
	Apr 2012	800	60	46	1156	19.4	20	1156	887	1122.89	13641
	May 2012	950	49	52	993	16.2	31	993	882	1122.15	13569
	Jun 2012	1100	23	63	860	14.5	26	860	893	1123.80	13731
	Jul 2012	1165	50	80	901	14.7	28	901	905	1125.74	13925
	Aug 2012	1109	109	85	822	13.4	31	822	922	1128.36	14188
	Sep 2012	714	70	71	676	11.4	22	676	923	1128.50	14202
	WY 2012	**11088**	**815**	**646**	**9556**		**282**	**9556**			
	Oct 2012	738	59	52	463	7.5	26	463	939	1130.86	14442
	Nov 2012	800	48	52	573	9.6	25	573	951	1132.67	14627
	Dec 2012	900	99	46	558	9.1	21	558	974	1136.07	14979
	Jan 2013	900	76	38	708	11.5	20	708	986	1137.95	15177
	Feb 2013	800	92	35	715	12.9	18	715	994	1139.06	15293
	Mar 2013	600	80	39	1052	17.1	24	1052	967	1135.16	14884
	Apr 2013	800	60	47	1141	19.2	20	1141	946	1131.98	14557

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2098

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2011 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	May 2010	961	-19	22	937	0	937	15.2	642.30	1680
H	Jun 2010	1007	-23	25	912	0	912	15.3	643.98	1726
I	Jul 2010	941	-14	26	913	0	913	14.8	643.57	1714
S	Aug 2010	829	-12	23	838	0	838	13.6	641.95	1670
T	Sep 2010	758	-2	18	833	0	833	14.0	638.40	1575
	WY 2010	**9260**	**-172**	**197**	**8816**	**0**	**8816**			
O	Oct 2010	638	6	15	766	0	766	12.5	633.10	1437
R	Nov 2010	800	-29	10	631	0	631	10.6	638.09	1567
I	Dec 2010	660	-15	9	553	0	553	9.0	641.21	1650
C	Jan 2011	540	-7	10	502	0	502	8.2	641.95	1670
A	Feb 2011	635	-10	10	586	0	586	10.5	643.01	1699
L	Mar 2011	1006	-11	13	976	0	976	15.9	643.23	1705
*	Apr 2011	1078	-13	17	1047	0	1047	17.6	643.30	1707
	May 2011	1031	-10	22	1007	0	1007	16.4	643.00	1699
	Jun 2011	990	-6	25	959	0	959	16.1	643.00	1699
	Jul 2011	887	1	25	904	0	904	14.7	641.50	1658
	Aug 2011	817	-5	23	790	0	790	12.8	641.50	1658
	Sep 2011	639	1	18	716	0	716	12.0	638.00	1564
	WY 2011	**9721**	**-98**	**197**	**9435**	**0**	**9435**			
	Oct 2011	476	3	15	594	0	594	9.7	633.00	1434
	Nov 2011	657	-10	10	585	0	585	9.8	635.00	1486
	Dec 2011	547	-13	9	427	0	427	6.9	638.71	1583
	Jan 2012	708	-17	10	598	0	598	9.7	641.80	1666
	Feb 2012	729	-6	10	714	0	714	12.4	641.80	1666
	Mar 2012	1033	-15	13	971	0	971	15.8	643.05	1700
	Apr 2012	1156	-15	17	1125	0	1125	18.9	643.00	1699
	May 2012	993	-10	22	961	0	961	15.6	643.00	1699
	Jun 2012	860	-6	25	856	0	856	14.4	642.00	1671
	Jul 2012	901	1	25	890	0	890	14.5	641.50	1658
	Aug 2012	822	-5	23	795	0	795	12.9	641.50	1658
	Sep 2012	676	1	18	752	0	752	12.6	638.00	1564
	WY 2012	**9556**	**-91**	**197**	**9268**	**0**	**9268**			
	Oct 2012	463	3	15	581	0	581	9.5	633.00	1434
	Nov 2012	573	-10	10	502	0	502	8.4	635.00	1486
	Dec 2012	558	-13	9	438	0	438	7.1	638.71	1583
	Jan 2013	708	-17	10	599	0	599	9.7	641.80	1666
	Feb 2013	715	-6	10	699	0	699	12.6	641.80	1666
	Mar 2013	1052	-15	13	990	0	990	16.1	643.05	1700
	Apr 2013	1141	-15	17	1111	0	1111	18.7	643.00	1699

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2011 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	May 2010	937	24	13	662	10.8	102	172	448.83	596	114	1.9
H	Jun 2010	912	23	16	650	10.9	91	171	448.64	592	113	1.9
I	Jul 2010	913	17	17	743	12.1	107	50	448.61	592	126	2.1
S	Aug 2010	838	21	17	646	10.5	108	84	448.20	584	101	1.6
T	Sep 2010	833	17	15	583	9.8	98	171	446.95	560	93	1.6
	WY 2010	**8816**	**318**	**140**	**6298**		**1043**	**1572**			**1619**	
O	Oct 2010	766	25	12	465	7.6	102	166	449.14	602	106	1.7
R	Nov 2010	631	38	9	428	7.2	98	159	447.59	572	114	1.9
I	Dec 2010	553	33	7	290	4.7	93	183	448.10	582	147	2.4
C	Jan 2011	502	8	6	391	6.4	52	89	446.40	550	141	2.3
A	Feb 2011	586	15	8	415	7.5	22	135	447.29	567	173	3.1
L	Mar 2011	976	1	9	694	11.3	71	181	448.06	581	198	3.2
*	Apr 2011	1047	19	11	786	13.2	70	180	448.54	590	204	3.4
	May 2011	1007	13	13	731	11.9	82	184	448.50	589	111	1.8
	Jun 2011	959	9	15	683	11.5	82	174	448.50	589	117	2.0
	Jul 2011	904	15	17	737	12.0	85	76	448.00	580	121	2.0
	Aug 2011	790	18	17	631	10.3	85	72	447.50	571	96	1.6
	Sep 2011	716	15	15	532	8.9	82	106	446.81	557	89	1.5
	WY 2011	**9435**	**209**	**140**	**6783**		**923**	**1705**			**1616**	
	Oct 2011	594	20	12	439	7.1	55	109	446.31	548	68	1.1
	Nov 2011	585	26	8	379	6.4	55	159	446.50	552	109	1.8
	Dec 2011	427	21	6	282	4.6	58	95	446.50	552	118	1.9
	Jan 2012	598	15	6	342	5.6	96	165	446.50	552	122	2.0
	Feb 2012	714	6	8	464	8.1	86	156	446.50	552	153	2.7
	Mar 2012	971	22	9	702	11.4	96	174	446.70	555	208	3.4
	Apr 2012	1125	18	11	827	13.9	93	166	448.70	593	200	3.4
	May 2012	961	13	13	696	11.3	96	159	448.70	593	111	1.8
	Jun 2012	856	9	16	653	11.0	93	90	448.70	593	112	1.9
	Jul 2012	890	15	17	719	11.7	96	72	448.00	580	118	1.9
	Aug 2012	795	18	17	629	10.2	96	68	447.50	571	92	1.5
	Sep 2012	752	15	15	540	9.1	69	148	446.81	557	89	1.5
	WY 2012	**9268**	**199**	**139**	**6670**		**988**	**1562**			**1501**	
	Oct 2012	581	20	12	452	7.3	26	113	446.31	548	72	1.2
	Nov 2012	502	26	8	371	6.2	27	111	446.50	552	105	1.8
	Dec 2012	438	21	6	295	4.8	27	125	446.50	552	118	1.9
	Jan 2013	599	15	6	356	5.8	106	141	446.50	552	122	2.0
	Feb 2013	699	6	8	461	8.3	96	135	446.50	552	153	2.8
	Mar 2013	990	22	9	708	11.5	106	178	446.70	555	208	3.4
	Apr 2013	1111	18	11	796	13.4	103	172	448.70	593	200	3.4

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2011 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	May 2010	961	15.6	1094.30	10987	-326	449.26	1371.0	378.0	82	393.4
H	Jun 2010	1007	16.9	1089.30	10556	-431	442.32	1556.0	390.5	94	387.7
I	Jul 2010	941	15.3	1086.97	10357	-198	441.50	1640.0	360.3	100	382.9
S	Aug 2010	829	13.5	1086.91	10352	-5	443.45	1617.0	313.3	100	378.0
T	Sep 2010	758	12.7	1083.81	10092	-261	439.46	1617.0	285.1	100	375.9
	WY 2010	**9260**							**3588.7**		
O	Oct 2010	638	10.4	1082.36	9971	-121	440.25	1104.0	241.3	68	378.5
R	Nov 2010	800	13.4	1081.94	9936	-35	437.87	1185.0	305.1	74	381.4
I	Dec 2010	660	10.7	1086.30	10301	365	439.05	1388.0	246.5	87	373.5
C	Jan 2011	540	8.8	1091.73	10765	463	446.84	1103.0	200.9	69	372.4
A	Feb 2011	635	11.4	1095.78	11117	353	447.78	1414.0	244.7	88	385.7
L	Mar 2011	1006	16.4	1096.39	11170	54	449.79	1232.0	398.2	75	395.8
*	Apr 2011	1078	18.1	1095.76	11115	-55	449.53	1157.0	430.9	70	399.6
	May 2011	1031	16.8	1097.24	11245	131	444.04	1468.0	412.1	88	399.8
	Jun 2011	990	16.6	1100.64	11548	302	445.30	1668.0	393.4	100	397.5
	Jul 2011	887	14.4	1106.12	12046	498	450.20	1686.0	363.8	100	409.9
	Aug 2011	817	13.3	1112.67	12657	611	456.66	1708.0	336.1	100	411.3
	Sep 2011	639	10.7	1114.92	12871	214	462.18	1712.0	258.1	100	403.7
	WY 2011	**9721**							**3831.3**		
	Oct 2011	476	7.7	1119.06	13269	398	469.61	1394.0	196.1	81	412.2
	Nov 2011	657	11.0	1123.47	13699	430	477.60	1070.0	279.3	62	425.4
	Dec 2011	547	8.9	1126.22	13973	274	477.20	1416.0	225.3	81	412.2
	Jan 2012	708	11.5	1127.27	14078	106	477.63	1303.0	300.2	74	424.2
	Feb 2012	729	12.7	1128.31	14183	104	476.78	1449.0	311.8	82	427.5
	Mar 2012	1033	16.8	1126.31	13981	-201	475.98	1420.0	442.4	81	428.3
	Apr 2012	1156	19.4	1122.89	13641	-340	472.16	1508.0	499.4	88	432.2
	May 2012	993	16.2	1122.15	13569	-73	468.73	1704.0	411.7	100	414.4
	Jun 2012	860	14.5	1123.80	13731	163	469.51	1700.0	366.0	100	425.6
	Jul 2012	901	14.7	1125.74	13925	194	471.79	1703.0	377.5	100	418.9
	Aug 2012	822	13.4	1128.36	14188	262	474.22	1713.0	349.6	100	425.3
	Sep 2012	676	11.4	1128.50	14202	14	476.74	1714.0	282.1	100	417.7
	WY 2012	**9556**							**4041.4**		
	Oct 2012	463	7.5	1130.86	14442	240	482.25	1383.5	194.1	81	418.9
	Nov 2012	573	9.6	1132.67	14627	185	488.08	1057.7	246.5	62	430.0
	Dec 2012	558	9.1	1136.07	14979	352	486.70	1382.9	234.4	81	420.0
	Jan 2013	708	11.5	1137.95	15177	197	487.87	1264.6	305.8	74	431.7
	Feb 2013	715	12.9	1139.06	15293	117	487.46	1401.6	311.8	82	436.3
	Mar 2013	1052	17.1	1135.16	14884	-409	485.75	1386.8	460.1	81	437.2
	Apr 2013	1141	19.2	1131.98	14557	-328	481.10	1500.1	500.5	88	438.6

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2011 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	May 2010	937	15.2	642.30	1680	-17	140.64	255.0	118.5	100	126.4
H	Jun 2010	912	15.3	643.98	1726	46	140.66	255.0	115.5	100	126.6
I	Jul 2010	913	14.8	643.57	1714	-11	141.98	242.3	115.3	95	126.4
S	Aug 2010	838	13.6	641.95	1670	-44	140.67	255.0	105.9	100	126.4
T	Sep 2010	833	14.0	638.40	1575	-95	137.24	255.0	102.6	100	123.1
	WY 2010	**8816**							**1104.5**		
O	Oct 2010	766	12.5	633.10	1437	-138	129.52	209.1	92.1	82	120.2
R	Nov 2010	631	10.6	638.09	1567	130	137.83	153.0	77.2	60	122.5
I	Dec 2010	553	9.0	641.21	1650	84	141.87	168.3	67.8	66	122.6
C	Jan 2011	502	8.2	641.95	1670	20	140.42	153.0	63.3	60	125.9
A	Feb 2011	586	10.5	643.01	1699	29	139.78	181.1	73.6	71	125.6
L	Mar 2011	976	15.9	643.23	1705	6	138.82	204.0	123.0	80	126.0
*	Apr 2011	1047	17.6	643.30	1707	2	141.68	227.0	131.6	89	125.7
	May 2011	1007	16.4	643.00	1699	-8	136.19	255.0	125.8	100	125.0
	Jun 2011	959	16.1	643.00	1699	0	136.04	255.0	119.8	100	124.9
	Jul 2011	904	14.7	641.50	1658	-41	135.25	255.0	112.7	100	124.7
	Aug 2011	790	12.8	641.50	1658	0	134.46	255.0	98.4	100	124.6
	Sep 2011	716	12.0	638.00	1564	-94	132.62	255.0	88.3	100	123.3
	WY 2011	**9435**							**1173.4**		
	Oct 2011	594	9.7	633.00	1434	-130	128.65	237.2	71.5	93	120.4
	Nov 2011	585	9.8	635.00	1486	51	127.14	234.6	69.6	92	118.9
	Dec 2011	427	6.9	638.71	1583	97	130.00	239.7	52.4	94	122.6
	Jan 2012	598	9.7	641.80	1666	83	134.16	219.3	74.6	86	124.6
	Feb 2012	714	12.4	641.80	1666	0	135.05	244.8	89.3	96	125.0
	Mar 2012	971	15.8	643.05	1700	34	135.44	255.0	120.9	100	124.5
	Apr 2012	1125	18.9	643.00	1699	-2	136.07	255.0	139.7	100	124.2
	May 2012	961	15.6	643.00	1699	0	136.04	255.0	120.2	100	125.1
	Jun 2012	856	14.4	642.00	1671	-27	135.51	255.0	107.0	100	125.0
	Jul 2012	890	14.5	641.50	1658	-14	134.73	255.0	110.7	100	124.3
	Aug 2012	795	12.9	641.50	1658	0	134.46	255.0	99.0	100	124.6
	Sep 2012	752	12.6	638.00	1564	-94	132.62	255.0	92.6	100	123.1
	WY 2012	**9268**							**1147.3**		
	Oct 2012	581	9.5	633.00	1434	-130	128.65	237.2	70.0	93	120.4
	Nov 2012	502	8.4	635.00	1486	51	127.14	234.6	60.0	92	119.5
	Dec 2012	438	7.1	638.71	1583	97	130.00	239.7	53.7	94	122.6
	Jan 2013	599	9.7	641.80	1666	83	134.16	219.3	74.7	86	124.6
	Feb 2013	699	12.6	641.80	1666	0	135.05	244.8	87.4	96	125.0
	Mar 2013	990	16.1	643.05	1700	34	135.44	255.0	123.2	100	124.4
	Apr 2013	1111	18.7	643.00	1699	-2	136.07	255.0	138.0	100	124.2

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2011 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	May 2010	662	10.8	448.83	596	4	81.45	115.2	46.0	96	69.6
H	Jun 2010	650	10.9	448.64	592	-4	80.58	120.0	46.4	100	71.3
I	Jul 2010	743	12.1	448.61	592	-1	82.51	120.0	50.9	100	68.4
S	Aug 2010	646	10.5	448.20	584	-8	81.98	120.0	44.7	100	69.2
T	Sep 2010	583	9.8	446.95	560	-24	80.89	103.2	41.6	86	71.4
	WY 2010	**6298**							**436.8**		
O	Oct 2010	465	7.6	449.14	602	42	82.79	90.0	31.4	75	67.4
R	Nov 2010	428	7.2	447.59	572	-30	79.41	91.2	30.4	76	71.1
I	Dec 2010	290	4.7	448.10	582	10	82.60	104.4	19.7	87	67.9
C	Jan 2011	391	6.4	446.40	550	-32	80.10	97.2	26.8	81	68.6
A	Feb 2011	415	7.5	447.29	567	17	76.83	90.0	29.3	75	70.7
L	Mar 2011	694	11.3	448.06	581	15	80.18	112.8	47.4	94	68.4
*	Apr 2011	786	13.2	448.54	590	9	82.13	120.0	54.4	100	69.1
	May 2011	731	11.9	448.50	589	-1	75.88	120.0	48.6	100	66.4
	Jun 2011	683	11.5	448.50	589	0	75.86	120.0	45.3	100	66.3
	Jul 2011	737	12.0	448.00	580	-9	75.61	120.0	48.8	100	66.2
	Aug 2011	631	10.3	447.50	571	-10	75.13	120.0	41.4	100	65.6
	Sep 2011	532	8.9	446.81	557	-13	74.55	120.0	34.5	100	64.8
	WY 2011	**6783**							**458.0**		
	Oct 2011	439	7.1	446.31	548	-9	74.77	102.0	28.3	85	64.5
	Nov 2011	379	6.4	446.50	552	3	74.62	102.0	24.3	85	64.1
	Dec 2011	282	4.6	446.50	552	0	74.71	102.0	17.7	85	62.9
	Jan 2012	342	5.6	446.50	552	0	74.71	102.0	21.7	85	63.7
	Feb 2012	464	8.1	446.50	552	0	73.92	120.0	29.8	100	64.1
	Mar 2012	702	11.4	446.70	555	4	74.01	120.0	45.6	100	64.9
	Apr 2012	827	13.9	448.70	593	38	75.08	120.0	54.6	100	66.1
	May 2012	696	11.3	448.70	593	0	76.05	120.0	46.2	100	66.5
	Jun 2012	653	11.0	448.70	593	0	76.05	120.0	43.3	100	66.4
	Jul 2012	719	11.7	448.00	580	-13	75.71	120.0	47.7	100	66.3
	Aug 2012	629	10.2	447.50	571	-10	75.13	120.0	41.2	100	65.6
	Sep 2012	540	9.1	446.81	557	-13	74.55	120.0	35.0	100	64.9
	WY 2012	**6670**							**435.5**		
	Oct 2012	452	7.3	446.31	548	-9	74.77	102.0	29.2	85	64.6
	Nov 2012	371	6.2	446.50	552	3	74.62	102.0	23.8	85	64.0
	Dec 2012	295	4.8	446.50	552	0	74.71	102.0	18.6	85	63.1
	Jan 2013	356	5.8	446.50	552	0	74.71	102.0	22.7	85	63.8
	Feb 2013	461	8.3	446.50	552	0	73.92	120.0	29.6	100	64.2
	Mar 2013	708	11.5	446.70	555	4	74.01	120.0	45.9	100	64.9
	Apr 2013	796	13.4	448.70	593	38	75.08	120.0	52.5	100	66.0

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2098

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2011 24-Month Study

Most Probable Inflow*

Upper Basin Power

	Date	Glen Canyon 1000 MWHR	Flaming Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Reservoir 1000 MWHR	Fontenelle Reservoir 1000 MWHR
*	May 2010	267	39	31	45	21	3
H	Jun 2010	272	54	15	22	18	4
I	Jul 2010	368	38	30	34	20	8
S	Aug 2010	366	40	27	33	19	6
T	Sep 2010	217	42	25	32	19	2
	Summer 2010	**1755**	**231**	**142**	**186**	**109**	**25**
O	Oct 2010	226	30	24	29	16	0
R	Nov 2010	369	24	7	9	4	4
I	Dec 2010	382	26	8	9	4	4
C	Jan 2011	445	26	8	9	4	4
A	Feb 2011	425	26	12	15	4	3
L	Mar 2011	453	23	21	26	15	4
	Winter 2011	**2299**	**156**	**79**	**97**	**48**	**19**
*	Apr 2011	415	65	26	37	21	5
	May 2011	490	91	48	72	23	7
	Jun 2011	583	104	56	79	22	7
	Jul 2011	642	99	62	75	23	9
	Aug 2011	642	41	37	45	23	10
	Sep 2011	385	40	36	43	22	3
	Summer 2011	**3156**	**441**	**265**	**350**	**135**	**42**
	Oct 2011	395	41	21	27	14	7
	Nov 2011	490	40	12	16	8	7
	Dec 2011	342	41	22	27	14	6
	Jan 2012	341	41	23	29	15	6
	Feb 2012	339	38	17	23	12	5
	Mar 2012	338	41	9	13	7	5
	Winter 2012	**2247**	**242**	**105**	**134**	**70**	**36**
	Apr 2012	337	40	14	21	12	5
	May 2012	403	41	31	48	23	6
	Jun 2012	474	40	21	32	22	9
	Jul 2012	506	57	35	42	23	10
	Aug 2012	480	74	38	45	23	8
	Sep 2012	308	38	35	42	21	7
	Summer 2012	**2509**	**290**	**173**	**230**	**125**	**45**
	Oct 2012	318	39	22	27	14	7
	Nov 2012	343	38	12	16	8	6
	Dec 2012	384	39	26	32	16	6
	Jan 2013	382	39	23	29	15	6
	Feb 2013	338	35	16	21	11	5
	Mar 2013	253	39	10	14	8	5
	Winter 2013	**1765**	**192**	**98**	**124**	**64**	**29**
	Apr 2013	337	38	14	21	12	5

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2098

Processed On: 5/9/2011 3:39:26PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2011 24-Month Study

Most Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions

Date	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Total KAF	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****EFFECTIVE SPACE****										
May 2011	817	352	339	11396	12904	16262	29167	470	323	155	948	11396	16262	28606	1500	1031	0	33.4
Jun 2011	681	246	312	10035	11275	16132	27406	320	218	97	635	10035	16132	26802	1500	990	0	37.2
Jul 2011	462	27	277	7042	7807	15829	23636	82	-34	14	62	7042	15829	22933	1500	887	0	38.4
								****CREDITABLE SPACE****										
Aug 2011	393	56	313	6331	7093	15331	22424	393	56	313	762	6331	15331	22424	1500	817	0	38.3
Sep 2011	386	92	347	6913	7738	14720	22458	386	92	347	824	6913	14720	22458	2270	639	0	38.0
Oct 2011	436	160	357	7139	8093	14506	22599	436	160	357	954	7139	14506	22599	3040	476	0	37.9
Nov 2011	496	192	355	7468	8513	14108	22621	496	192	355	1044	7468	14108	22621	3810	657	0	37.7
Dec 2011	558	202	360	8016	9135	13678	22814	558	202	360	1119	8016	13678	22814	4580	547	0	37.7
Jan 2012	635	248	372	8283	9538	13404	22942	635	248	372	1255	8283	13404	22942	5350	708	0	37.5
								****EFFECTIVE SPACE****										
Jan 2012	635	248	372	8283	9538	13404	22942	401	248	281	930	8283	13404	22618	5350	708	0	37.5
Feb 2012	708	302	385	8552	9946	13299	23245	472	302	294	1067	8552	13299	22918	1500	729	0	37.2
Mar 2012	769	338	386	8847	10339	13194	23534	531	338	294	1164	8847	13194	23204	1500	1033	0	36.9
Apr 2012	781	334	360	9048	10523	13396	23919	540	334	263	1136	9048	13396	23580	1500	1156	0	36.6
May 2012	753	310	297	9069	10429	13736	24164	506	310	180	996	9069	13736	23800	1500	993	0	37.7
Jun 2012	612	217	219	8305	9353	13808	23162	353	214	70	637	8305	13808	22751	1500	860	0	39.3
Jul 2012	342	38	241	7224	7846	13646	21491	63	11	44	118	7224	13646	20988	1500	901	0	39.6
								****CREDITABLE SPACE****										
Aug 2012	296	27	249	7178	7750	13452	21202	296	27	249	572	7178	13452	21202	1500	822	0	39.3
Sep 2012	410	77	274	7556	8317	13189	21507	410	77	274	761	7556	13189	21507	2270	676	0	38.9
Oct 2012	468	146	282	7721	8617	13175	21792	468	146	282	896	7721	13175	21792	3040	463	0	38.7
Nov 2012	524	178	283	7893	8877	12935	21812	524	178	283	985	7893	12935	21812	3810	573	0	38.6
Dec 2012	581	187	283	8130	9182	12750	21931	581	187	283	1051	8130	12750	21931	4580	558	0	38.6
Jan 2013	653	248	292	8480	9674	12398	22072	653	248	292	1194	8480	12398	22072	5350	708	0	38.4
								****EFFECTIVE SPACE****										
Jan 2013	653	248	292	8480	9674	12398	22072	479	248	235	962	8480	12398	21840	5350	708	0	38.4
Feb 2013	721	301	304	8847	10174	12200	22374	546	301	246	1093	8847	12200	22140	1500	715	0	38.1
Mar 2013	775	332	303	9155	10565	12084	22649	597	332	244	1173	9155	12084	22411	1500	1052	0	37.7
Apr 2013	783	332	257	9190	10562	12493	23055	601	332	192	1125	9190	12493	22808	1500	1141	0	37.5

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2098

Processed On: 5/9/2011 3:39:26PM

April 24-Month Study
Date: April 8, 2011

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

Reservoir	March Inflow (unregulated) (acre-feet)	Percent of Average (%)	April 7 Midnight Elevation (feet)	Reservoir Storage (acre-feet)
Fontenelle	36,000	69	6474.35	139,000
Flaming Gorge	101,000	94	6025.41	3,175,000
Blue Mesa	38,000	106	7477.49	488,000
Navajo	41,000	46	6058.85	1,333,000
Powell	595,000	90	3609.84	12,714,000

Expected Operations

The operation of Lake Powell and Lake Mead in this April 2011 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines), and reflects the 2011 Annual Operating Plan (AOP). Pursuant to the Interim Guidelines, the Lake Powell operational tier for water year 2011 is the Upper Elevation Balancing Tier. The Intentionally Created Surplus (ICS) Surplus condition is the criterion governing the operation of Lake Mead for calendar year 2011.

Consistent with Section 6.B.3 of the Interim Guidelines, if the April 24-Month study projects the September 30 Lake Powell elevation to be greater than the 2011 Equalization elevation of 3,643.0 feet with an annual release from Lake Powell of 8.23 maf, the Equalization Tier will govern operations of Lake Powell for the remainder of the water year.

The April 24-Month Study with an annual release volume from Glen Canyon Dam of 8.23 maf projects a Lake Powell end of water year elevation of 3,662.63 feet. Based on this projected condition and consistent with the provision in Section 6.B.3 of the Interim Guidelines, a shift in Glen Canyon Dam operations to being governed by the Equalization Tier will occur for the remainder of water year 2011. The April 24-Month Study projects a Lake Powell annual release volume of 11.56 maf; however, the projected annual release

will be updated each month throughout the remainder of the water year to reflect changing hydrology in order to achieve the operation specified by the Equalization Tier.

The Interim Guidelines are available for download at http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The 2011 AOP is available for download at http://www.usbr.gov/uc/water/rsvrs/ops/aop/AOP11_final.pdf.

Fontenelle Reservoir – Inflows for the month of March were 36,000 acre-feet, or 69% of average. The reservoir elevation is 6474 feet above sea level and 40% of capacity. Current inflows are approximately 1,500 cfs and reservoir releases are 1400 cfs. Releases will likely be increased to 1,700cfs in mid-April and then futher in May. The reservoir elevation has likely reached its lowest level and will begin to rise as the early season snowmelt enters the reservoir.

The Colorado Basin River Forecast Center and Natural Resources Conservation Service have issued the joint water supply forecast for the 2011 spring runoff. The April official forecast for the April to July runoff period is 980 kaf (114%). Given this forecasted inflow, the reservoir is projected to fill late this summer and sustained releases of approximately 4,700 cfs or more will likely be required for a month to safely route the inflow to the reservoir. Note that these projections are provisional and subject to change as forecasts are updated and actual inflows are realized. Inflows over the next three months are forecasted to be near average: 115,000 acre-ft (124%), 250,000 acre-ft (128%), and 410,000 acre-ft (115%) for April, May, and June respectively. Basin snowpack is currently 122% of the average for this time of year.

The next Fontenelle Working Group meeting is scheduled for April 21, 2011 at 10:00 am at the Seedskadee National Wildlife Refuge Visitor Center. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir.

Flaming Gorge Reservoir – Unregulated inflow into Flaming Gorge Reservoir during the month of March was 101,000 acre-feet (AF), or 94 percent of average inflow. Recent storms over both the Upper Green and Yampa River Basins have significantly increased the potential for high spring flows in 2011. Upper Green River Basin snowpack is currently 118% of the average for this time of year. Yampa River Basin snowpack is currently 131% of the average for this time of year.

The Colorado Basin River Forecast Center and Natural Resources Conservation Service have issued the joint water supply forecast for the 2011 spring runoff. The Flaming Gorge Reservoir April official forecast for the April to July runoff period is 1,350 kaf (113%). The Yampa River Basin April official forecast for the April to July runoff period is 2,130 kaf (157%). **Note that these projections are provisional and that observed**

runoff, current conditions and changing forecasts will determine releases during the spring period.

Reclamation acknowledges that April and May temperature and precipitation may provide an average year in both the Green and Yampa River Basins. Current snowpack in both basins are similar to 1983 and 1984. The Yampa River at Deerlodge Park flows in 1984 reached a daily average of 32,300 cfs on May 18, 1984, and maintained 28 days above 18,600 cfs beginning on May 13, 1984. Please be advised that the potential for wet conditions currently exist in the Green and Yampa River Basins.

The next Flaming Gorge Working Group meeting is scheduled for April 26, 2011, at 7:00 p.m. at the Western Park Convention Center, 302 East 200 South, Vernal, Utah. The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stake holders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations and plans presented by Reclamation at these meetings. For more information on this group and these meetings please contact Heather Hermansen at 801-524-3883 or Ed Vidmar at 801-379-1182.

Aspinall Unit Reservoirs – March unregulated inflow into Blue Mesa Reservoir was 38,000 acre-feet or 106 percent of average. On April 8, 2011 the basin snowpack was 112 percent of average. Precipitation during March was 85 percent of average. The current inflow rate into Blue Mesa Reservoir is about 900 cfs while reservoir releases are averaging about 1700 cfs. Lately the weather pattern has been wetter and colder than average. However, spring conditions can return at anytime which will most likely start the annual spring snowmelt. With the higher than average snowpack and inflow forecast, we have increased reservoir releases in anticipation of making room for the runoff in Blue Mesa Reservoir. The reservoir elevation is currently at 7477.49 feet, which corresponds to a storage content of about 488,000 acre-feet. This elevation is about 12 feet lower than a year ago.

The latest Water Supply Forecast for Water Year 2011 has been issued and the April through July unregulated inflow is forecasted to be at 800,000 acre-feet (111% of normal). If this forecast holds through May 1st, the senior Black Canyon Water Right would call for a one day spring peak flow of 6,369 cfs. At this time, Reclamation plans to operate the Aspinall Unit to allow the water right to be met. Under the proposed operation Blue Mesa is projected to fill this runoff season. The projected fill is calculated to be between 7516.4 feet and 7519.4 feet. Any elevation above 7516.00 is considered a fill for the season.

Releases from Crystal are currently set at 1800 cfs. The Gunnison Diversion Tunnel started taking water for the new season on March 21, 2011. The current diversion rate in the tunnel is 500 cfs, which results in a river flow below the diversion tunnel of approximately 1300 cfs. These rates will most likely change as conditions warrant, primarily as we respond to changes in the forecasted spring inflows.

The next meeting of the "Aspinall Unit Working Group" will be held on Thursday, April 21, 2011 starting at 1:00 PM in Reclamation's Grand Junction Office. At this meeting, review of this winter's reservoir operations, and plans for this spring and summer operations will be discussed. These meetings are open forum discussions on the Aspinall Unit reservoir operations with many interested groups participating. Anyone needing further information about these meetings should contact Dan Crabtree in the Grand Junction Area Office at (970) 248-0652.

Navajo Reservoir - Releases from Navajo Reservoir have been set at 500 cfs since early fall 2010. All reservoir releases are made for the authorized purposes of the Navajo Unit, and to attempt to maintain a target base flow through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell).

The San Juan River Basin Recovery Implementation Program recommends a target base flow of between 500 cfs and 1,000 cfs through the critical habitat area. The target base flow is calculated as the weekly average of gaged flows throughout the critical habitat area, therefore daily flows of less than 500 cfs may occur at some gages.

Snowpack for the upper San Juan basin now stands at 82 percent of average, while the Animas River basin is 79 percent of average. Precipitation during March was only 50 percent of average. Unregulated inflow into Navajo Reservoir during the month of March was 41,000 acre-feet, or 46 percent of average. Currently, the daily reservoir inflow is averaging about 1500 cfs. The reservoir water surface elevation is currently 6058.85 feet, which corresponds to a storage content of about 1,333,000 acre-feet. NIIP started their diversions on March 17th, which are currently set at about 400 cfs.

The latest Water Supply Forecast for Water Year 2011 has been issued and the April through July unregulated inflow is forecasted to be at 550,000 acre-feet (70% of normal), this is a decrease of 100,000 acre-feet from last month's forecast. Given this forecast, there will be a one week spring peak release of 5,000 cfs which results in an end of water year reservoir elevation estimated to be 6058 feet.

A public meeting on Navajo Reservoir operations was held on Wednesday, April 20, 2011 in Farmington, New Mexico. At this meeting, review of this winter's reservoir operations, and plans for this spring and summer operations will be discussed. These are open forum discussions on the operation of Navajo Reservoir with many interested groups participating. Anyone interested in the general operation of the reservoir is encouraged to attend. Please contact Ryan Christianson in Reclamation's Durango, Colorado Office at (970) 385-6590 for information about these meetings or the daily operation of Navajo Reservoir.

Glen Canyon Dam / Lake Powell – The unregulated inflow to Lake Powell for March 2011 was 594 kaf (90% of average). Observed inflows to Lake Powell have increased over the past several weeks and are currently averaging about 10,400 cfs. With daily

average release rate from Glen Canyon Dam that is about 16,000 cfs, the elevation of Lake Powell is still declining , but the rate of decline has been moderated by these increased inflow conditions. The elevation of Lake Powell at midnight on April 7, 2011 was 3609.84 feet above sea level (90.16 feet from full pool). The elevation of Lake Powell will begin to increase later in April when inflows exceed releases. It is projected that the elevation of Lake Powell could increase by more than 30 feet to a peak elevation of approximately 3643 feet above sea level by late July or early August.

Current Dam Operations

The release volume scheduled for April is 966 kaf. During the first 3 days of April, daily releases fluctuates for power production between an afternoon peak of approximately 19,600 cfs and an early morning low release of approximately 14,000 cfs. On April 4, 2011, Glen Canyon Powerplant Units 3 and 4 were taken out of service for approximately 6 weeks for annual maintenance. Releases from Glen Canyon Dam were set to 16,000 cfs with no fluctuations for power generation at that time due to limited capacity of the available generating units at Glen Canyon Power Plant. Releases of 16,000 cfs steady will likely continue until the end of April. In early May, releases will likely be steady at about 15,000 cfs for the first 13 days of the month. On May 14, 2011 it is projected that Units 3 and 4 will be returned to service. When this occurs, releases from Glen Canyon Dam will be increased such that peak releases will be about 22,000 cfs and off peak releases will be about 16,000 cfs. The projected release volume for May is approximately 1.10 maf.

In addition to daily operations that may or may not include daily fluctuation patterns for load following power generation, the instantaneous releases from Glen Canyon Dam may also fluctuate somewhat to provide approximately 40 megawatts of system regulation. These instantaneous releases adjustments maintain stable conditions within the electrical generation and transmission system and result in momentary release fluctuations within a range that is about 1100 cfs above or below the targeted release rate for a given hour of the day. These momentary fluctuations for regulation are very short lived and typically balance out over the hour. Spinning and non-spinning reserve generation can also occur at Glen Canyon Dam. When an unanticipated electrical outage event occurs within the electrical transmission system, reserve generation at Glen Canyon Dam can be called upon up to a maximum of 98 megawatts (approximately 2,600 cfs of release) for a duration of up to 2 hours. Under normal circumstances, calls for reserve generation occur fairly infrequently and are for much less than the required 98 megawatts.

Annual Operations-Coordinated Operation of Lake Mead and Lake Powell under Interim Guidelines for Water Year 2011

In August of 2010, the 24-Month Study model projected the January 1, 2010 elevation of Lake Powell and Lake Mead under the most probable inflow scenario. Pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines) and based on this August projection, the operational tier for water year 2011

was selected to be the Upper Elevation Balancing Tier. Under this operational tier, there is a possibility that the annual release volume from Lake Powell could be as low as 8.23 maf and there is also a possibility under this tier that Equalization or Balancing could occur which would result in an annual release volume greater than 8.23 maf.

The possibility of Equalization or Balancing in water year 2011 is dependent upon the reservoir conditions of Lake Powell and Lake Mead projected at the end of the water year in the Most Probable April 24-Month Study when the projected Glen Canyon Dam annual release condition is 8.23 maf . The April 24-Month Study, with a projected water year release of 8.23 maf projects the elevation of Lake Powell on September 30, 2011 (end of water year 2011) to be 3662.63 feet above sea level which is above the Equalization Level for 2011 (3643 feet). Based on this model projection and consistent with the Interim Guidelines, the Equalization Tier will govern the operation of Lake Powell for the remainder of water year 2011.

Current Inflow Forecasts and Model Projections

Snowpack conditions above Lake Powell have persisted to be above average since late December 2010. The overall snowpack above Lake Powell on April 7, 2011 was 115% of average. The current Water Supply forecast for Lake Powell (April through July Unregulated Inflow Volume) is 9.5 maf (120% of average) and this forecast was issued by the CBRFC on April 4, 2011.

The unregulated inflow forecast for Lake Powell over the next 3 months is as follows: April-1,100 kaf (112% of average); May-3,000 kaf (130% of average); June-3,850 kaf (125% of average). Incorporating these new forecasts with the current Water Supply forecast, the projected unregulated inflow volume to Lake Powell during water year 2011 is now 13.11 maf (109% of average). These forecasts combined with projected inflows in August and September of 2011 make up the 2011 Most Probable water year inflow condition. The Most Probable inflow condition has a statistical probability of being achieved that is 50%. In other words, there is a 50% chance that the unregulated inflow volume for water year 2011 for Lake Powell will be 13.11 maf or greater.

A Minimum Probable water year inflow conditions has also been developed for water year 2011. The Minimum Probable inflow condition has a statistical probability of being achieved that is 90%. The 2011 Minimum Probable water year inflow condition is currently 10.5 maf (87% of average). A Maximum Probable water year inflow condition has also been developed for water year 2011. The 2011 Maximum Probable inflow condition is currently 16.2 maf (135% of average).

The April 2011 24-Month Study, with the 2011 Most Probable inflow condition projects that Equalization will be required under the Interim Guidelines and the projected annual release volume is projected to be 11.56 maf. As hydrologic conditions change during the remainder of the water year, this annual release projection will be adjusted to achieve the Equalization Tier of the Interim Guidelines.

Upper Colorado River Basin Hydrology

In the Upper Colorado River Basin during water year 2010, the overall precipitation accumulated through September 30, 2010 was approximately 90% of average based on the 30 year average for the period from 1971 through 2000. For Water Year 2011 thus far, the estimated monthly precipitation within the Upper Colorado River Basin (above Lake Powell) as a percentage of average has been: (October - 135%, November - 95%, December - 225%, January - 50%, February - 100%, March- 90%)

The Climate Prediction Center outlook (dated March 17, 2010) for temperature over the next 3 months indicates that temperatures in the Upper Colorado River Basin are expected to be above average while precipitation over the next 3 months is projected to be near average in the northern reaches of the basin while below average in the southern reaches of the basin.

Upper Colorado River Basin Drought

The Upper Colorado River Basin continues to experience a protracted multi-year drought. Since 1999, inflow to Lake Powell has been below average in every year except water years 2005 and 2008. In the summer of 1999, Lake Powell was close to full with reservoir storage at 23.5 million acre-feet, or 97 percent of capacity. During the next 5 years (2000 through 2004) unregulated inflow to Lake Powell was well below average. This resulted in Lake Powell storage decreasing during this period to 8.0 million acre-feet (33 percent of capacity) which occurred on April 8, 2005. During 2005, 2008 and 2009, drought conditions eased somewhat with net gains in storage to Lake Powell. As of April 7, 2011 the storage in Lake Powell was approximately 12.71 million acre-feet (52.2 % of capacity) which is below desired levels. The overall reservoir storage in the Colorado River Basin as of April 7, 2011 is approximately 31.42 million acre-feet (52.8 % of capacity).

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-430
125 SOUTH STATE STREET, ROOM 6107
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-3709

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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:	Obs			mar	Forecast			Outlook	
:	dec	jan	feb	mar	%Avg	apr	may	jun	apr-jul %Avg
GLDA3:Lake Powell	417	381	318	595e	90%:	1100/	3000/	3850/	9500/: 120%
GBRW4:Fontenelle	37	29	26	36e	69%:	115/	250/	410/	980/: 114%
GRNU1:Flaming Gorge	45	44	36	101e	94%:	190/	390/	535/	1350/: 113%
BMDC2:Blue Mesa	30	23	21	38e	106%:	97/	260/	325/	800/: 111%
MPSC2:Morrow Point	30	23	21	38e	95%:	111/	290/	350/	875/: 111%
CLSC2:Crystal	34	27	24	43e	91%:	125/	330/	390/	985/: 108%
TPIC2:Taylor Park	5.4	4.6	4.0	4.5e	105%:	9/	38/	55/	125/: 121%
VCRC2:Vallecito	6.2	4.8	4.2	7.4e	91%:	19/	59/	62/	160/: 78%
NVRN5:Navajo	23	16.0	17.6	41e	46%:	118/	225/	180/	550/: 70%
LEMC2:Lemon	1.05	0.76	0.65	1.2e	80%:	4.1/	16.4/	17.3/	42/: 72%
MPHC2:McPhee	6.0	3.8	3.3	11.6e	70%:	45/	100/	64/	225/: 70%
RBSC2:Ridgway	4.7	3.9	3.2	4.7e	85%:	/	/	/	95/: 93%

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2011 24-Month Study

Most Probable Inflow*

Fontenelle Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Apr 2010	63	1	47	1	48	6471.88	127
H	May 2010	40	1	49	0	49	6469.44	117
I	Jun 2010	251	2	50	1	51	6502.04	314
S	Jul 2010	134	3	91	22	113	6504.39	333
T	Aug 2010	50	2	68	0	68	6501.76	312
O	Sep 2010	29	2	26	35	61	6497.33	279
	WY 2010	**781**	**14**	**530**	**233**	**763**		
R	Oct 2010	31	1	5	55	59	6493.24	250
I	Nov 2010	34	1	53	1	54	6490.17	229
C	Dec 2010	37	1	55	0	55	6487.27	210
A	Jan 2011	29	1	55	0	55	6482.87	183
L	Feb 2011	26	1	50	0	50	6478.35	158
*	Mar 2011	36	1	58	0	58	6473.74	136
	Apr 2011	115	1	94	20	114	6473.76	136
	May 2011	250	1	99	116	215	6480.45	169
	Jun 2011	410	2	102	177	280	6499.81	297
	Jul 2011	205	3	101	62	163	6504.90	337
	Aug 2011	88	2	100	5	105	6502.51	318
	Sep 2011	50	2	36	32	68	6499.89	298
	WY 2011	**1311**	**15**	**810**	**468**	**1277**		
	Oct 2011	49	1	71	0	71	6496.72	275
	Nov 2011	41	1	68	0	68	6492.81	247
	Dec 2011	32	1	71	0	71	6486.88	208
	Jan 2012	30	1	71	0	71	6480.01	167
	Feb 2012	28	0	66	0	66	6472.06	128
	Mar 2012	52	0	71	0	71	6467.44	109
	Apr 2012	89	1	83	0	83	6468.78	114
	May 2012	176	1	86	0	86	6486.09	203
	Jun 2012	307	2	104	106	210	6499.86	298
	Jul 2012	185	3	101	38	138	6505.55	342
	Aug 2012	82	2	89	0	89	6504.39	333
	Sep 2012	48	2	71	0	71	6501.32	309
	WY 2012	**1121**	**15**	**951**	**144**	**1095**		
	Oct 2012	49	1	73	0	73	6497.92	283
	Nov 2012	41	1	71	0	71	6493.76	254
	Dec 2012	32	1	73	0	73	6487.56	212
	Jan 2013	30	1	73	0	73	6480.40	169
	Feb 2013	28	0	66	0	66	6472.65	131
	Mar 2013	52	0	73	0	73	6467.55	109

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2011 24-Month Study

Most Probable Inflow*

Flaming Gorge Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	Apr 2010	96	81	5	49	0	49	130	6026.69	3223	237
H	May 2010	72	81	8	101	0	101	129	6025.97	3196	537
I	Jun 2010	387	187	10	138	0	138	130	6026.97	3234	736
S	Jul 2010	151	130	13	96	0	96	131	6027.51	3254	195
T	Aug 2010	54	72	12	100	0	100	129	6026.47	3215	135
O	Sep 2010	22	54	10	106	0	106	127	6024.83	3154	127
	WY 2010	**1018**	**1000**	**79**	**1168**	**1**	**1169**				**2764**
R	Oct 2010	32	60	7	77	0	77	126	6024.21	3131	113
I	Nov 2010	31	52	4	63	0	63	125	6023.83	3117	107
C	Dec 2010	45	64	2	68	0	68	125	6023.67	3111	114
A	Jan 2011	44	70	2	68	0	68	125	6023.69	3112	525
L	Feb 2011	36	60	2	67	0	67	125	6023.47	3104	489
*	Mar 2011	98	120	3	59	0	59	127	6024.99	3160	182
	Apr 2011	190	189	5	160	0	160	128	6025.62	3183	160
	May 2011	390	355	8	188	0	188	134	6029.67	3336	188
	Jun 2011	535	405	11	229	0	229	140	6033.72	3495	229
	Jul 2011	235	193	14	231	0	231	138	6032.46	3445	231
	Aug 2011	101	118	13	118	0	118	138	6032.12	3432	118
	Sep 2011	60	78	11	115	0	115	136	6030.95	3386	115
	WY 2011	**1798**	**1764**	**81**	**1442**	**0**	**1442**				**2571**
	Oct 2011	59	81	7	118	0	118	134	6029.84	3343	118
	Nov 2011	50	77	3	115	0	115	133	6028.82	3304	115
	Dec 2011	36	74	2	118	0	118	131	6027.66	3260	118
	Jan 2012	41	81	2	118	0	118	130	6026.68	3223	118
	Feb 2012	46	84	2	111	0	111	128	6025.93	3195	111
	Mar 2012	104	123	3	118	0	118	129	6025.97	3196	118
	Apr 2012	142	136	5	115	0	115	129	6026.41	3213	115
	May 2012	265	175	8	118	0	118	131	6027.66	3260	118
	Jun 2012	399	301	11	150	0	150	136	6031.17	3394	150
	Jul 2012	218	171	14	206	0	206	135	6029.98	3348	206
	Aug 2012	96	103	13	108	0	108	134	6029.55	3332	108
	Sep 2012	58	81	11	104	0	104	133	6028.67	3298	104
	WY 2012	**1515**	**1489**	**80**	**1500**	**0**	**1500**				**1500**
	Oct 2012	59	83	7	108	0	108	131	6027.87	3268	108
	Nov 2012	50	79	3	104	0	104	130	6027.16	3241	104
	Dec 2012	36	77	2	108	0	108	129	6026.32	3209	108
	Jan 2013	41	84	2	108	0	108	128	6025.66	3185	108
	Feb 2013	46	84	2	97	0	97	127	6025.25	3170	97
	Mar 2013	104	125	3	108	0	108	128	6025.63	3183	108

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Managing Water in the West

April 2011 24-Month Study

Most Probable Inflow*

Taylor Park Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Apr 2010	11	6	9308.40	67
H	May 2010	22	9	9316.36	80
I	Jun 2010	35	18	9325.55	97
S	Jul 2010	10	20	9320.19	87
T	Aug 2010	10	17	9316.06	80
O	Sep 2010	6	14	9311.57	72
	WY 2010	**121**	**122**		
R	Oct 2010	7	6	9312.21	73
I	Nov 2010	5	5	9312.27	74
C	Dec 2010	5	5	9312.71	74
A	Jan 2011	5	5	9312.70	74
L	Feb 2011	4	4	9312.51	74
*	Mar 2011	5	6	9311.89	73
	Apr 2011	9	16	9307.47	66
	May 2011	38	30	9312.50	74
	Jun 2011	55	28	9327.37	101
	Jul 2011	23	28	9324.81	96
	Aug 2011	11	22	9318.80	85
	Sep 2011	7	16	9313.77	76
	WY 2011	**173**	**169**		
	Oct 2011	6	10	9311.45	72
	Nov 2011	5	6	9310.77	71
	Dec 2011	4	6	9309.81	70
	Jan 2012	4	6	9308.68	68
	Feb 2012	4	6	9307.24	66
	Mar 2012	4	6	9306.09	64
	Apr 2012	8	8	9306.31	64
	May 2012	27	14	9314.54	77
	Jun 2012	43	20	9327.02	100
	Jul 2012	20	22	9326.21	99
	Aug 2012	10	22	9319.84	87
	Sep 2012	7	16	9314.71	78
	WY 2012	**144**	**142**		
	Oct 2012	6	10	9312.42	74
	Nov 2012	5	6	9311.76	73
	Dec 2012	4	6	9310.81	71
	Jan 2013	4	6	9309.69	69
	Feb 2013	4	6	9308.40	67
	Mar 2013	4	6	9307.27	66

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Managing Water in the West

April 2011 24-Month Study

Most Probable Inflow*

Blue Mesa Reservoir

	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Apr 2010	96	92	1	45	0	45	7490.80	588
H	May 2010	143	131	1	110	6	116	7492.59	602
I	Jun 2010	205	186	1	51	0	51	7508.76	735
S	Jul 2010	50	60	1	98	0	98	7504.17	696
T	Aug 2010	56	63	1	92	0	92	7500.54	666
O	Sep 2010	23	31	1	86	0	86	7493.54	609
	WY 2010	**725**	**727**	**8**	**754**	**6**	**760**		
R	Oct 2010	29	29	1	85	0	85	7486.20	552
I	Nov 2010	27	27	0	24	0	24	7486.60	555
C	Dec 2010	30	29	0	27	0	27	7486.84	557
A	Jan 2011	23	23	0	27	0	27	7486.34	553
L	Feb 2011	21	21	0	43	0	43	7483.46	532
*	Mar 2011	38	39	0	75	0	75	7478.48	495
	Apr 2011	97	104	1	102	0	102	7478.66	496
	May 2011	260	252	1	168	0	168	7489.74	579
	Jun 2011	325	298	1	83	0	83	7515.36	793
	Jul 2011	118	123	2	112	0	112	7516.40	803
	Aug 2011	61	72	1	123	0	123	7510.50	750
	Sep 2011	36	45	1	116	0	116	7502.01	678
	WY 2011	**1065**	**1061**	**9**	**984**	**0**	**984**		
	Oct 2011	36	39	1	71	0	71	7498.10	646
	Nov 2011	31	32	0	41	0	41	7496.92	636
	Dec 2011	25	27	0	81	0	81	7490.00	581
	Jan 2012	24	26	0	79	0	79	7482.99	528
	Feb 2012	22	24	0	50	0	50	7479.46	502
	Mar 2012	34	36	0	30	0	30	7480.22	508
	Apr 2012	73	73	1	48	0	48	7483.46	532
	May 2012	212	199	1	117	0	117	7493.95	612
	Jun 2012	271	248	1	67	0	67	7515.22	792
	Jul 2012	121	122	2	110	0	110	7516.40	803
	Aug 2012	62	74	1	122	0	122	7510.79	753
	Sep 2012	36	45	1	113	0	113	7502.73	684
	WY 2012	**946**	**945**	**9**	**930**	**0**	**930**		
	Oct 2012	36	39	1	71	0	71	7498.85	652
	Nov 2012	31	32	0	41	0	41	7497.66	642
	Dec 2012	25	27	0	87	0	87	7490.00	581
	Jan 2013	24	26	0	79	0	79	7482.99	528
	Feb 2013	22	24	0	54	0	54	7478.87	498
	Mar 2013	34	36	0	36	0	36	7478.80	497

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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April 2011 24-Month Study

Most Probable Inflow*

Morrow Point Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Apr 2010	107	45	11	57	55	0	55	7149.84	109
H	May 2010	159	116	16	132	129	0	129	7154.46	113
I	Jun 2010	216	51	12	63	64	0	64	7153.15	112
S	Jul 2010	51	98	1	98	96	0	96	7156.02	114
T	Aug 2010	56	92	1	93	93	0	93	7155.63	114
O	Sep 2010	23	86	0	87	92	0	92	7148.78	108
	WY 2010	**773**	**760**	**48**	**807**	**805**	**0**	**805**		
R	Oct 2010	30	85	1	86	82	0	82	7153.88	112
I	Nov 2010	29	24	1	25	26	0	26	7152.79	111
C	Dec 2010	30	27	0	28	27	0	27	7153.98	112
A	Jan 2011	23	27	0	27	27	0	27	7153.70	112
L	Feb 2011	21	43	0	43	44	0	44	7152.08	111
*	Mar 2011	38	75	1	75	73	0	73	7154.37	113
	Apr 2011	111	102	14	116	117	0	117	7153.73	112
	May 2011	290	168	30	198	198	0	198	7153.73	112
	Jun 2011	350	83	25	108	108	0	108	7153.73	112
	Jul 2011	124	112	6	118	118	0	118	7153.73	112
	Aug 2011	64	123	3	126	126	0	126	7153.73	112
	Sep 2011	39	116	3	119	119	0	119	7153.73	112
	WY 2011	**1150**	**984**	**85**	**1069**	**1065**	**0**	**1065**		
	Oct 2011	38	71	3	74	74	0	74	7153.73	112
	Nov 2011	33	41	2	43	43	0	43	7153.73	112
	Dec 2011	27	81	2	83	83	0	83	7153.73	112
	Jan 2012	26	79	2	81	81	0	81	7153.73	112
	Feb 2012	25	50	3	53	53	0	53	7153.73	112
	Mar 2012	38	30	4	34	34	0	34	7153.73	112
	Apr 2012	84	48	11	59	59	0	59	7153.73	112
	May 2012	237	117	25	142	142	0	142	7153.73	112
	Jun 2012	292	67	21	88	88	0	88	7153.73	112
	Jul 2012	127	110	7	117	117	0	117	7153.73	112
	Aug 2012	65	122	4	126	126	0	126	7153.73	112
	Sep 2012	39	113	3	116	116	0	116	7153.73	112
	WY 2012	**1033**	**930**	**86**	**1016**	**1016**	**0**	**1016**		
	Oct 2012	38	71	3	74	74	0	74	7153.73	112
	Nov 2012	33	41	2	43	43	0	43	7153.73	112
	Dec 2012	27	87	2	89	89	0	89	7153.73	112
	Jan 2013	26	79	2	81	81	0	81	7153.73	112
	Feb 2013	25	54	3	57	57	0	57	7153.73	112
	Mar 2013	38	36	4	40	40	0	40	7153.73	112

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Managing Water in the West

April 2011 24-Month Study

Most Probable Inflow*

Crystal Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
*	Apr 2010	118	55	11	66	66	0	66	6750.96	16	34	34
H	May 2010	179	129	20	148	108	36	148	6752.53	17	60	91
I	Jun 2010	242	64	25	89	89	0	89	6752.91	17	56	39
S	Jul 2010	55	96	4	100	100	0	100	6751.15	16	69	39
T	Aug 2010	61	93	5	98	98	0	98	6749.05	16	68	37
O	Sep 2010	26	92	3	95	95	0	95	6748.16	16	63	36
	WY 2010	**859**	**805**	**86**	**891**	**824**	**63**	**890**			**415**	**528**
R	Oct 2010	34	82	4	86	85	0	85	6750.41	16	51	33
I	Nov 2010	32	26	4	30	30	0	30	6748.60	16	1	29
C	Dec 2010	34	27	4	31	31	0	31	6748.24	16	1	30
A	Jan 2011	27	27	4	31	30	1	31	6749.02	16	1	30
L	Feb 2011	24	44	3	47	24	23	46	6751.55	17	1	47
*	Mar 2011	43	73	5	78	78	0	78	6751.94	17	5	76
	Apr 2011	125	117	14	131	130	0	130	6753.04	17	30	100
	May 2011	330	198	40	238	134	104	238	6753.04	17	55	183
	Jun 2011	390	108	40	148	130	18	148	6753.04	17	60	88
	Jul 2011	140	118	16	134	134	0	134	6753.04	17	65	69
	Aug 2011	72	126	8	134	134	0	134	6753.04	17	65	69
	Sep 2011	45	119	6	125	125	0	125	6753.04	17	55	70
	WY 2011	**1297**	**1065**	**147**	**1212**	**1065**	**145**	**1211**			**389**	**824**
	Oct 2011	44	74	6	80	80	0	80	6753.04	17	30	50
	Nov 2011	38	43	5	48	48	0	48	6753.04	17	0	48
	Dec 2011	32	83	5	88	88	0	88	6753.04	17	0	88
	Jan 2012	31	81	5	86	86	0	86	6753.04	17	0	86
	Feb 2012	29	53	4	57	57	0	57	6753.04	17	0	57
	Mar 2012	46	34	7	41	41	0	41	6753.04	17	5	36
	Apr 2012	96	59	12	71	71	0	71	6753.04	17	30	41
	May 2012	272	142	35	177	134	43	177	6753.04	17	55	122
	Jun 2012	330	88	38	127	127	0	127	6753.04	17	60	67
	Jul 2012	144	117	17	134	134	0	134	6753.04	17	65	69
	Aug 2012	74	126	8	134	134	0	134	6753.04	17	65	69
	Sep 2012	45	116	6	122	122	0	122	6753.04	17	55	67
	WY 2012	**1183**	**1016**	**150**	**1167**	**1123**	**43**	**1167**			**365**	**802**
	Oct 2012	44	74	6	80	80	0	80	6753.04	17	30	50
	Nov 2012	38	43	5	48	48	0	48	6753.04	17	0	48
	Dec 2012	32	89	5	94	94	0	94	6753.04	17	0	94
	Jan 2013	31	81	5	86	86	0	86	6753.04	17	0	86
	Feb 2013	29	57	4	61	61	0	61	6753.04	17	0	61
	Mar 2013	46	40	7	47	47	0	47	6753.04	17	5	42

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Managing Water in the West

April 2011 24-Month Study

Most Probable Inflow*

Vallecito Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Apr 2010	27	4	7640.13	65
H	May 2010	69	20	7660.32	113
I	Jun 2010	46	42	7661.51	116
S	Jul 2010	12	37	7651.21	90
T	Aug 2010	19	33	7645.00	75
O	Sep 2010	10	26	7637.70	59
	WY 2010	**210**	**196**		
R	Oct 2010	12	13	7636.95	58
I	Nov 2010	7	2	7639.20	63
C	Dec 2010	6	2	7641.20	67
A	Jan 2011	5	2	7642.53	70
L	Feb 2011	4	2	7643.62	72
*	Mar 2011	7	2	7645.67	77
	Apr 2011	19	2	7652.77	94
	May 2011	59	35	7662.09	118
	Jun 2011	62	56	7664.00	123
	Jul 2011	20	42	7655.52	101
	Aug 2011	15	38	7645.76	77
	Sep 2011	15	30	7639.04	62
	WY 2011	**231**	**224**		
	Oct 2011	14	17	7637.27	59
	Nov 2011	8	2	7640.39	65
	Dec 2011	6	2	7642.32	69
	Jan 2012	5	2	7643.83	73
	Feb 2012	5	2	7645.17	76
	Mar 2012	8	2	7647.90	82
	Apr 2012	22	1	7656.16	102
	May 2012	69	53	7662.18	118
	Jun 2012	78	72	7664.15	123
	Jul 2012	31	42	7659.90	112
	Aug 2012	19	38	7652.38	93
	Sep 2012	17	30	7647.05	80
	WY 2012	**282**	**261**		
	Oct 2012	14	13	7647.27	81
	Nov 2012	8	6	7648.26	83
	Dec 2012	6	5	7648.84	84
	Jan 2013	5	3	7649.69	86
	Feb 2013	5	3	7650.48	88
	Mar 2013	8	3	7652.44	93

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Most Probable Inflow*

Navajo Reservoir

	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azetea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Farmington Flow (1000 Ac-Ft)
*	Apr 2010	222	22	179	2	12	28	6062.79	1384	75
H	May 2010	264	35	182	4	26	30	6071.80	1506	126
I	Jun 2010	152	27	116	5	40	33	6074.50	1544	118
S	Jul 2010	15	2	39	5	47	58	6069.52	1474	72
T	Aug 2010	39	2	52	4	35	41	6067.48	1446	69
O	Sep 2010	24	1	39	3	25	45	6064.97	1412	57
	WY 2010	**855**	**89**	**753**	**29**	**202**	**423**			**802**
R	Oct 2010	24	0	26	2	8	36	6063.49	1393	46
I	Nov 2010	17	0	12	1	1	29	6062.08	1374	46
C	Dec 2010	23	0	19	1	1	30	6061.11	1362	42
A	Jan 2011	16	0	13	1	1	31	6059.58	1342	50
L	Feb 2011	18	0	15	1	1	28	6058.41	1328	45
*	Mar 2011	41	2	35	2	4	31	6058.28	1326	49
	Apr 2011	118	17	84	2	16	30	6061.08	1362	30
	May 2011	225	33	168	4	28	59	6066.99	1439	59
	Jun 2011	180	22	152	4	43	120	6065.85	1424	120
	Jul 2011	27	2	46	5	46	39	6062.58	1381	39
	Aug 2011	25	0	48	4	39	42	6059.74	1344	42
	Sep 2011	33	2	46	3	22	38	6058.38	1327	38
	WY 2011	**748**	**79**	**664**	**28**	**210**	**511**			**606**
	Oct 2011	40	0	44	2	8	31	6058.66	1331	31
	Nov 2011	33	0	26	1	0	30	6058.31	1327	30
	Dec 2011	24	0	20	1	0	31	6057.37	1315	31
	Jan 2012	22	0	18	1	0	31	6056.33	1302	31
	Feb 2012	30	0	27	1	0	28	6056.21	1300	28
	Mar 2012	88	1	81	2	4	52	6058.13	1324	52
	Apr 2012	174	16	137	2	17	56	6063.01	1387	56
	May 2012	279	35	227	4	29	121	6068.54	1460	121
	Jun 2012	246	27	213	4	44	182	6067.25	1443	182
	Jul 2012	74	4	81	5	47	37	6066.72	1436	37
	Aug 2012	43	2	60	4	40	42	6064.85	1411	42
	Sep 2012	42	1	54	3	22	36	6064.29	1403	36
	WY 2012	**1096**	**85**	**990**	**28**	**210**	**675**			**675**
	Oct 2012	40	0	40	2	8	31	6064.24	1403	31
	Nov 2012	33	0	31	1	0	30	6064.22	1402	30
	Dec 2012	24	0	22	1	0	31	6063.54	1393	31
	Jan 2013	22	0	20	1	0	31	6062.64	1382	31
	Feb 2013	30	0	29	1	0	27	6062.69	1382	27
	Mar 2013	88	1	83	2	4	31	6066.19	1429	31

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2011 24-Month Study

Most Probable Inflow*

Lake Powell

	Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry (1000 Ac-Ft)
*	Apr 2010	944	717	26	602	0	602	3620.50	17783	13816	614
H	May 2010	1399	1224	32	601	0	601	3625.96	17785	14405	612
I	Jun 2010	2776	2321	53	601	0	601	3638.82	17994	15864	612
S	Jul 2010	674	706	65	802	0	802	3636.52	18100	15596	824
T	Aug 2010	504	608	64	802	0	802	3634.55	18070	15369	826
O	Sep 2010	277	461	58	480	0	480	3633.66	18095	15267	490
	WY 2010	**8634**	**8674**	**444**	**8234**	**0**	**8235**				**8419**
R	Oct 2010	362	512	41	495	0	495	3634.08	18023	15315	502
I	Nov 2010	438	474	39	810	0	810	3630.31	18075	14888	826
C	Dec 2010	416	446	30	847	0	847	3626.54	18063	14469	865
A	Jan 2011	381	429	9	997	0	997	3620.55	18133	13822	1015
L	Feb 2011	317	377	10	964	0	964	3614.95	18123	13235	984
*	Mar 2011	594	596	16	1033	0	1033	3610.73	18100	12804	1055
	Apr 2011	1100	1020	25	966	0	966	3611.00	18103	12831	966
	May 2011	3000	2600	31	1103	0	1103	3623.98	18211	14189	1103
	Jun 2011	3850	3307	52	1179	0	1179	3640.91	18365	16111	1179
	Jul 2011	1550	1600	67	1255	0	1255	3643.07	18386	16369	1255
	Aug 2011	623	759	66	1193	0	1193	3639.17	18348	15905	1193
	Sep 2011	483	646	60	714	0	714	3638.16	18339	15787	714
	WY 2011	**13114**	**12766**	**445**	**11556**	**0**	**11556**				**11657**
	Oct 2011	514	607	42	738	0	738	3636.79	18326	15627	738
	Nov 2011	523	595	40	800	0	800	3634.83	18308	15400	800
	Dec 2011	414	559	31	875	0	875	3632.01	18282	15079	875
	Jan 2012	384	525	10	875	0	875	3629.05	18256	14746	875
	Feb 2012	398	488	10	800	0	800	3626.35	18232	14448	800
	Mar 2012	628	606	17	700	0	700	3625.41	18224	14345	700
	Apr 2012	950	812	28	600	0	600	3626.97	18237	14516	600
	May 2012	2161	1826	34	700	0	700	3635.93	18318	15527	700
	Jun 2012	2811	2366	56	860	0	860	3647.20	18426	16870	860
	Jul 2012	1346	1336	70	1000	0	1000	3649.20	18445	17116	1000
	Aug 2012	566	678	69	987	0	987	3646.35	18417	16766	987
	Sep 2012	460	599	63	714	0	714	3645.00	18404	16601	714
	WY 2012	**11154**	**10997**	**469**	**9649**	**0**	**9649**				**9649**
	Oct 2012	514	596	43	738	0	738	3643.58	18390	16429	738
	Nov 2012	523	584	41	800	0	800	3641.59	18371	16192	800
	Dec 2012	414	555	33	900	0	900	3638.63	18343	15842	900
	Jan 2013	384	514	10	900	0	900	3635.48	18314	15475	900
	Feb 2013	398	478	11	800	0	800	3632.78	18289	15167	800
	Mar 2013	628	581	18	600	0	600	3632.48	18287	15132	600

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2011 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Glen Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Apr 2010	602	138	41	933	15.7	19	856	735	1098.00	11313
H	May 2010	601	87	47	961	15.6	28	933	714	1094.30	10987
I	Jun 2010	601	30	55	1007	16.9	27	1006	686	1089.30	10556
S	Jul 2010	802	29	68	941	15.3	33	937	673	1086.97	10357
T	Aug 2010	802	126	72	829	13.5	33	823	673	1086.91	10352
O	Sep 2010	480	82	59	758	12.7	23	755	656	1083.81	10092
	WY 2010	**8235**	**928**	**564**	**9260**		**235**	**9039**			
R	Oct 2010	495	80	42	638	10.4	24	607	648	1082.36	9971
I	Nov 2010	810	13	42	800	13.4	18	795	646	1081.94	9936
C	Dec 2010	847	248	37	660	10.7	9	630	670	1086.30	10301
A	Jan 2011	997	75	31	540	8.8	9	526	700	1091.73	10765
L	Feb 2011	964	84	29	635	11.4	9	616	723	1095.78	11117
*	Mar 2011	1033	77	33	1006	16.4	14	1002	726	1096.39	11170
	Apr 2011	966	60	40	1092	18.4	17	1092	719	1095.07	11054
	May 2011	1103	49	46	1042	16.9	27	1042	721	1095.46	11088
	Jun 2011	1179	23	56	957	16.1	23	957	731	1097.22	11244
	Jul 2011	1255	50	71	914	14.9	25	914	749	1100.33	11521
	Aug 2011	1193	109	77	820	13.3	27	820	772	1104.25	11875
	Sep 2011	714	70	64	628	10.6	19	628	776	1105.00	11943
	WY 2011	**11556**	**936**	**569**	**9731**		**221**	**9629**			
	Oct 2011	738	59	47	471	7.7	23	471	792	1107.62	12184
	Nov 2011	800	48	47	663	11.1	22	663	799	1108.79	12293
	Dec 2011	875	99	41	542	8.8	18	542	822	1112.52	12643
	Jan 2012	875	76	34	708	11.5	20	708	833	1114.40	12821
	Feb 2012	800	92	31	729	12.7	18	729	840	1115.51	12927
	Mar 2012	700	80	35	1033	16.8	24	1033	821	1112.42	12634
	Apr 2012	600	60	43	1156	19.4	20	1156	787	1106.80	12109
	May 2012	700	49	49	993	16.2	31	993	767	1103.48	11805
	Jun 2012	860	23	58	860	14.5	26	860	764	1102.84	11747
	Jul 2012	1000	50	73	901	14.7	28	901	766	1103.34	11792
	Aug 2012	987	109	78	822	13.4	31	822	777	1105.04	11947
	Sep 2012	714	70	64	676	11.4	22	676	778	1105.26	11968
	WY 2012	**9649**	**815**	**600**	**9554**		**283**	**9554**			
	Oct 2012	738	59	47	463	7.5	26	463	794	1107.92	12213
	Nov 2012	800	48	47	573	9.6	25	573	806	1109.96	12402
	Dec 2012	900	99	41	558	9.1	21	558	829	1113.74	12758
	Jan 2013	900	76	34	708	11.5	20	708	842	1115.84	12959
	Feb 2013	800	92	32	715	12.9	18	715	850	1117.09	13078
	Mar 2013	600	80	35	1052	17.1	24	1052	824	1112.84	12672

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2011 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Apr 2010	933	-17	17	878	0	878	14.8	642.94	1697
H	May 2010	961	-19	22	937	0	937	15.2	642.30	1680
I	Jun 2010	1007	-23	25	912	0	912	15.3	643.98	1726
S	Jul 2010	941	-14	26	913	0	913	14.8	643.57	1714
T	Aug 2010	829	-12	23	838	0	838	13.6	641.95	1670
O	Sep 2010	758	-2	18	833	0	833	14.0	638.40	1575
	WY 2010	**9260**	**-172**	**197**	**8816**	**0**	**8816**			
R	Oct 2010	638	6	15	766	0	766	12.5	633.10	1437
I	Nov 2010	800	-29	10	631	0	631	10.6	638.09	1567
C	Dec 2010	660	-15	9	553	0	553	9.0	641.21	1650
A	Jan 2011	540	-7	10	502	0	502	8.2	641.95	1670
L	Feb 2011	635	-10	10	586	0	586	10.5	643.01	1699
*	Mar 2011	1006	-11	13	976	0	976	15.9	643.23	1705
	Apr 2011	1092	-15	17	1067	0	1067	17.9	643.00	1699
	May 2011	1042	-10	22	1009	0	1009	16.4	643.00	1699
	Jun 2011	957	-6	25	953	0	953	16.0	642.00	1671
	Jul 2011	914	1	25	903	0	903	14.7	641.50	1658
	Aug 2011	820	-5	23	793	0	793	12.9	641.50	1658
	Sep 2011	628	1	18	705	0	705	11.8	638.00	1564
	WY 2011	**9731**	**-101**	**197**	**9443**	**0**	**9443**			
	Oct 2011	471	3	15	589	0	589	9.6	633.00	1434
	Nov 2011	663	-10	10	592	0	592	9.9	635.00	1486
	Dec 2011	542	-13	9	423	0	423	6.9	638.71	1583
	Jan 2012	708	-17	10	598	0	598	9.7	641.80	1666
	Feb 2012	729	-6	10	714	0	714	12.4	641.80	1666
	Mar 2012	1033	-15	13	971	0	971	15.8	643.05	1700
	Apr 2012	1156	-15	17	1125	0	1125	18.9	643.00	1699
	May 2012	993	-10	22	961	0	961	15.6	643.00	1699
	Jun 2012	860	-6	25	856	0	856	14.4	642.00	1671
	Jul 2012	901	1	25	890	0	890	14.5	641.50	1658
	Aug 2012	822	-5	23	795	0	795	12.9	641.50	1658
	Sep 2012	676	1	18	752	0	752	12.6	638.00	1564
	WY 2012	**9554**	**-91**	**197**	**9266**	**0**	**9266**			
	Oct 2012	463	3	15	581	0	581	9.5	633.00	1434
	Nov 2012	573	-10	10	502	0	502	8.4	635.00	1486
	Dec 2012	558	-13	9	438	0	438	7.1	638.71	1583
	Jan 2013	708	-17	10	599	0	599	9.7	641.80	1666
	Feb 2013	715	-6	10	699	0	699	12.6	641.80	1666
	Mar 2013	1052	-15	13	990	0	990	16.1	643.05	1700

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2011 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	Apr 2010	878	34	11	670	11.3	43	153	448.61	592	210	3.5
H	May 2010	937	24	13	662	10.8	102	172	448.83	596	114	1.9
I	Jun 2010	912	23	16	650	10.9	91	171	448.64	592	113	1.9
S	Jul 2010	913	17	17	743	12.1	107	50	448.61	592	126	2.1
T	Aug 2010	838	21	17	646	10.5	108	84	448.20	584	101	1.6
O	Sep 2010	833	17	15	583	9.8	98	171	446.95	560	93	1.6
	WY 2010	**8816**	**318**	**140**	**6298**		**1043**	**1572**			**1619**	
R	Oct 2010	766	25	12	465	7.6	102	166	449.14	602	106	1.7
I	Nov 2010	631	38	9	428	7.2	98	159	447.59	572	114	1.9
C	Dec 2010	553	33	7	290	4.7	93	183	448.10	582	147	2.4
A	Jan 2011	502	8	6	391	6.4	52	89	446.40	550	141	2.3
L	Feb 2011	586	15	8	415	7.5	22	135	447.29	567	173	3.1
*	Mar 2011	976	1	9	694	11.3	71	181	448.06	581	199	3.2
	Apr 2011	1067	18	11	813	13.7	75	178	448.00	580	192	3.2
	May 2011	1009	13	13	706	11.5	99	184	448.50	589	111	1.8
	Jun 2011	953	9	15	683	11.5	83	168	448.50	589	117	2.0
	Jul 2011	903	15	17	737	12.0	85	75	448.00	580	121	2.0
	Aug 2011	793	18	17	631	10.3	85	75	447.50	571	96	1.6
	Sep 2011	705	15	15	532	8.9	83	95	446.81	557	89	1.5
	WY 2011	**9443**	**209**	**140**	**6785**		**948**	**1685**			**1605**	
	Oct 2011	589	20	12	439	7.1	48	112	446.31	548	68	1.1
	Nov 2011	592	26	8	379	6.4	47	174	446.50	552	109	1.8
	Dec 2011	423	21	6	282	4.6	50	99	446.50	552	118	1.9
	Jan 2012	598	15	6	342	5.6	96	165	446.50	552	122	2.0
	Feb 2012	714	6	8	464	8.1	86	156	446.50	552	153	2.7
	Mar 2012	971	22	9	702	11.4	96	174	446.70	555	208	3.4
	Apr 2012	1125	18	11	827	13.9	93	166	448.70	593	200	3.4
	May 2012	961	13	13	696	11.3	96	159	448.70	593	111	1.8
	Jun 2012	856	9	16	653	11.0	93	90	448.70	593	112	1.9
	Jul 2012	890	15	17	719	11.7	96	72	448.00	580	118	1.9
	Aug 2012	795	18	17	629	10.2	96	68	447.50	571	92	1.5
	Sep 2012	752	15	15	540	9.1	69	148	446.81	557	89	1.5
	WY 2012	**9266**	**199**	**139**	**6670**		**965**	**1583**			**1501**	
	Oct 2012	581	20	12	452	7.3	26	113	446.31	548	72	1.2
	Nov 2012	502	26	8	371	6.2	27	111	446.50	552	105	1.8
	Dec 2012	438	21	6	295	4.8	27	125	446.50	552	118	1.9
	Jan 2013	599	15	6	356	5.8	106	141	446.50	552	122	2.0
	Feb 2013	699	6	8	461	8.3	96	135	446.50	552	153	2.8
	Mar 2013	990	22	9	708	11.5	106	178	446.70	555	208	3.4

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2011 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Apr 2010	933	15.7	1098.00	11313	-237	451.78	1392.0	370.4	82	397.0
H	May 2010	961	15.6	1094.30	10987	-326	449.26	1371.0	378.0	82	393.4
I	Jun 2010	1007	16.9	1089.30	10556	-431	442.32	1556.0	390.5	94	387.7
S	Jul 2010	941	15.3	1086.97	10357	-198	441.50	1640.0	360.3	100	382.9
T	Aug 2010	829	13.5	1086.91	10352	-5	443.45	1617.0	313.3	100	378.0
O	Sep 2010	758	12.7	1083.81	10092	-261	439.46	1617.0	285.1	100	375.9
	WY 2010	**9260**							**3589.4**		
R	Oct 2010	638	10.4	1082.36	9971	-121	440.25	1104.0	241.3	68	378.5
I	Nov 2010	800	13.4	1081.94	9936	-35	437.87	1185.0	305.1	74	381.4
C	Dec 2010	660	10.7	1086.30	10301	365	439.05	1388.0	246.5	87	373.5
A	Jan 2011	540	8.8	1091.73	10765	463	446.84	1103.0	200.9	69	372.4
L	Feb 2011	635	11.4	1095.78	11117	353	447.78	1414.0	244.7	88	385.7
*	Mar 2011	1006	16.4	1096.39	11170	54	449.79	1232.0	398.2	75	395.8
	Apr 2011	1092	18.4	1095.07	11054	-116	445.33	1157.0	451.3	70	413.2
	May 2011	1042	16.9	1095.46	11088	34	441.66	1656.0	411.9	100	395.5
	Jun 2011	957	16.1	1097.22	11244	155	443.05	1665.0	376.5	100	393.5
	Jul 2011	914	14.9	1100.33	11521	277	445.96	1685.0	364.9	100	399.3
	Aug 2011	820	13.3	1104.25	11875	354	449.61	1709.0	332.8	100	405.8
	Sep 2011	628	10.6	1105.00	11943	68	453.07	1712.0	248.6	100	395.9
	WY 2011	**9731**							**3822.9**		
	Oct 2011	471	7.7	1107.62	12184	241	458.97	1392.0	190.4	81	404.4
	Nov 2011	663	11.1	1108.79	12293	108	464.55	1072.0	276.0	62	416.1
	Dec 2011	542	8.8	1112.52	12643	350	463.07	1410.0	218.1	81	402.1
	Jan 2012	708	11.5	1114.40	12821	178	464.38	1302.0	293.2	74	414.3
	Feb 2012	729	12.7	1115.51	12927	106	464.00	1445.0	304.6	82	417.8
	Mar 2012	1033	16.8	1112.42	12634	-293	462.70	1416.0	431.5	81	417.8
	Apr 2012	1156	19.4	1106.80	12109	-525	457.25	1504.0	485.1	87	419.8
	May 2012	993	16.2	1103.48	11805	-304	451.46	1701.0	398.1	100	400.7
	Jun 2012	860	14.5	1102.84	11747	-58	449.82	1698.0	352.3	100	409.7
	Jul 2012	901	14.7	1103.34	11792	45	450.24	1701.0	362.2	100	402.0
	Aug 2012	822	13.4	1105.04	11947	155	451.50	1711.0	335.0	100	407.5
	Sep 2012	676	11.4	1105.26	11968	20	453.59	1711.0	270.6	100	400.6
	WY 2012	**9554**							**3917.2**		
	Oct 2012	463	7.5	1107.92	12213	245	457.15	1711.0	185.6	100	400.5
	Nov 2012	573	9.6	1109.96	12402	190	463.24	1379.7	233.7	81	407.8
	Dec 2012	558	9.1	1113.74	12758	356	466.36	1054.1	229.1	62	410.5
	Jan 2013	708	11.5	1115.84	12959	200	464.97	1378.6	292.8	81	413.3
	Feb 2013	715	12.9	1117.09	13078	120	466.38	1262.4	301.8	74	422.3
	Mar 2013	1052	17.1	1112.84	12672	-406	463.62	1395.4	441.5	82	419.5

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Managing Water in the West

April 2011 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Apr 2010	878	14.8	642.94	1697	21	141.04	255.0	111.0	100	126.4
H	May 2010	937	15.2	642.30	1680	-17	140.64	255.0	118.5	100	126.4
I	Jun 2010	912	15.3	643.98	1726	46	140.66	255.0	115.5	100	126.6
S	Jul 2010	913	14.8	643.57	1714	-11	141.98	242.3	115.3	95	126.4
T	Aug 2010	838	13.6	641.95	1670	-44	140.67	255.0	105.9	100	126.4
O	Sep 2010	833	14.0	638.40	1575	-95	137.24	255.0	102.6	100	123.1
	WY 2010	**8816**							**1104.5**		
R	Oct 2010	766	12.5	633.10	1437	-138	129.52	209.1	92.1	82	120.2
I	Nov 2010	631	10.6	638.09	1567	130	137.83	153.0	77.2	60	122.5
C	Dec 2010	553	9.0	641.21	1650	84	141.87	168.3	67.8	66	122.6
A	Jan 2011	502	8.2	641.95	1670	20	140.42	153.0	63.3	60	125.9
L	Feb 2011	586	10.5	643.01	1699	29	139.78	181.1	73.6	71	125.6
*	Mar 2011	976	15.9	643.23	1705	6	138.82	204.0	123.0	80	126.0
	Apr 2011	1067	17.9	643.00	1699	-6	136.83	229.5	132.8	90	124.5
	May 2011	1009	16.4	643.00	1699	0	136.04	255.0	126.0	100	124.8
	Jun 2011	953	16.0	642.00	1671	-27	135.51	255.0	118.7	100	124.5
	Jul 2011	903	14.7	641.50	1658	-14	134.73	255.0	112.2	100	124.3
	Aug 2011	793	12.9	641.50	1658	0	134.46	255.0	98.8	100	124.6
	Sep 2011	705	11.8	638.00	1564	-94	132.62	255.0	87.0	100	123.4
	WY 2011	**9443**							**1172.3**		
	Oct 2011	589	9.6	633.00	1434	-130	128.65	237.2	70.9	93	120.4
	Nov 2011	592	9.9	635.00	1486	51	127.14	234.6	70.4	92	118.9
	Dec 2011	423	6.9	638.71	1583	97	130.00	239.7	51.9	94	122.7
	Jan 2012	598	9.7	641.80	1666	83	134.16	219.3	74.6	86	124.6
	Feb 2012	714	12.4	641.80	1666	0	135.05	244.8	89.3	96	125.0
	Mar 2012	971	15.8	643.05	1700	34	135.44	255.0	120.9	100	124.5
	Apr 2012	1125	18.9	643.00	1699	-2	136.07	255.0	139.7	100	124.2
	May 2012	961	15.6	643.00	1699	0	136.04	255.0	120.2	100	125.1
	Jun 2012	856	14.4	642.00	1671	-27	135.51	255.0	107.0	100	125.0
	Jul 2012	890	14.5	641.50	1658	-14	134.73	255.0	110.7	100	124.3
	Aug 2012	795	12.9	641.50	1658	0	134.46	255.0	99.0	100	124.6
	Sep 2012	752	12.6	638.00	1564	-94	132.62	255.0	92.6	100	123.1
	WY 2012	**9266**							**1147.1**		
	Oct 2012	581	9.5	633.00	1434	-130	128.65	237.2	70.0	93	120.4
	Nov 2012	502	8.4	635.00	1486	51	127.14	234.6	60.0	92	119.5
	Dec 2012	438	7.1	638.71	1583	97	130.00	239.7	53.7	94	122.6
	Jan 2013	599	9.7	641.80	1666	83	134.16	219.3	74.7	86	124.6
	Feb 2013	699	12.6	641.80	1666	0	135.05	244.8	87.4	96	125.0
	Mar 2013	990	16.1	643.05	1700	34	135.44	255.0	123.2	100	124.4

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2095

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2011 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Apr 2010	670	11.3	448.61	592	28	81.42	90.0	46.8	75	69.8
H	May 2010	662	10.8	448.83	596	4	81.45	115.2	46.0	96	69.6
I	Jun 2010	650	10.9	448.64	592	-4	80.58	120.0	46.4	100	71.3
S	Jul 2010	743	12.1	448.61	592	-1	82.51	120.0	50.9	100	68.4
T	Aug 2010	646	10.5	448.20	584	-8	81.98	120.0	44.7	100	69.2
O	Sep 2010	583	9.8	446.95	560	-24	80.89	103.2	41.6	86	71.4
	WY 2010	**6298**							**436.8**		
R	Oct 2010	465	7.6	449.14	602	42	82.79	90.0	31.4	75	67.4
I	Nov 2010	428	7.2	447.59	572	-30	79.41	91.2	30.4	76	71.1
C	Dec 2010	290	4.7	448.10	582	10	82.60	104.4	19.7	87	67.9
A	Jan 2011	391	6.4	446.40	550	-32	80.10	97.2	26.8	81	68.6
L	Feb 2011	415	7.5	447.29	567	17	76.83	90.0	29.3	75	70.7
*	Mar 2011	694	11.3	448.06	581	15	80.18	112.8	47.4	94	68.4
	Apr 2011	813	13.7	448.00	580	-1	75.40	120.0	53.9	100	66.3
	May 2011	706	11.5	448.50	589	9	75.61	120.0	46.7	100	66.2
	Jun 2011	683	11.5	448.50	589	0	75.86	120.0	45.3	100	66.3
	Jul 2011	737	12.0	448.00	580	-9	75.61	120.0	48.8	100	66.2
	Aug 2011	631	10.3	447.50	571	-10	75.13	120.0	41.4	100	65.6
	Sep 2011	532	8.9	446.81	557	-13	74.55	120.0	34.5	100	64.8
	WY 2011	**6785**							**455.6**		
	Oct 2011	439	7.1	446.31	548	-9	74.77	102.0	28.3	85	64.5
	Nov 2011	379	6.4	446.50	552	3	74.62	102.0	24.3	85	64.1
	Dec 2011	282	4.6	446.50	552	0	74.71	102.0	17.7	85	62.9
	Jan 2012	342	5.6	446.50	552	0	74.71	102.0	21.7	85	63.7
	Feb 2012	464	8.1	446.50	552	0	73.92	120.0	29.8	100	64.1
	Mar 2012	702	11.4	446.70	555	4	74.01	120.0	45.6	100	64.9
	Apr 2012	827	13.9	448.70	593	38	75.08	120.0	54.6	100	66.1
	May 2012	696	11.3	448.70	593	0	76.05	120.0	46.2	100	66.5
	Jun 2012	653	11.0	448.70	593	0	76.05	120.0	43.3	100	66.4
	Jul 2012	719	11.7	448.00	580	-13	75.71	120.0	47.7	100	66.3
	Aug 2012	629	10.2	447.50	571	-10	75.13	120.0	41.2	100	65.6
	Sep 2012	540	9.1	446.81	557	-13	74.55	120.0	35.0	100	64.9
	WY 2012	**6670**							**435.5**		
	Oct 2012	452	7.3	446.31	548	-9	74.77	102.0	29.2	85	64.6
	Nov 2012	371	6.2	446.50	552	3	74.62	102.0	23.8	85	64.0
	Dec 2012	295	4.8	446.50	552	0	74.71	102.0	18.6	85	63.1
	Jan 2013	356	5.8	446.50	552	0	74.71	102.0	22.7	85	63.8
	Feb 2013	461	8.3	446.50	552	0	73.92	120.0	29.6	100	64.2
	Mar 2013	708	11.5	446.70	555	4	74.01	120.0	45.9	100	64.9

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April 2011 24-Month Study

Most Probable Inflow*

Upper Basin Power

	Date	Glen Canyon 1000 MWHR	Flaming Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Reservoir 1000 MWHR	Fontenelle Reservoir 1000 MWHR
*	Apr 2010	265	19	13	19	13	3
H	May 2010	267	39	31	45	21	3
I	Jun 2010	272	54	15	22	18	4
S	Jul 2010	368	38	30	34	20	8
T	Aug 2010	366	40	27	33	19	6
O	Sep 2010	217	42	25	32	19	2
	Summer 2010	**1755**	**231**	**142**	**186**	**109**	**25**
R	Oct 2010	226	30	24	29	16	0
I	Nov 2010	369	24	7	9	4	4
C	Dec 2010	382	26	8	9	4	4
A	Jan 2011	445	26	8	9	4	4
L	Feb 2011	425	26	12	15	4	3
*	Mar 2011	453	23	21	26	15	4
	Winter 2011	**2299**	**156**	**79**	**97**	**48**	**19**
	Apr 2011	391	58	29	42	22	7
	May 2011	452	69	49	71	23	7
	Jun 2011	497	84	25	39	22	9
	Jul 2011	539	85	35	43	23	10
	Aug 2011	510	44	38	46	23	10
	Sep 2011	304	42	36	43	22	3
	Summer 2011	**2693**	**383**	**212**	**283**	**136**	**45**
	Oct 2011	314	43	21	27	14	6
	Nov 2011	339	42	12	16	8	6
	Dec 2011	369	43	24	30	15	6
	Jan 2012	367	43	23	29	15	6
	Feb 2012	334	40	14	19	10	5
	Mar 2012	291	43	9	12	7	5
	Winter 2012	**2013**	**256**	**104**	**133**	**69**	**33**
	Apr 2012	249	42	14	21	12	5
	May 2012	294	43	34	51	23	6
	Jun 2012	368	55	21	32	22	9
	Jul 2012	433	76	35	42	23	10
	Aug 2012	428	39	38	45	23	9
	Sep 2012	308	38	35	42	21	7
	Summer 2012	**2081**	**294**	**177**	**233**	**125**	**45**
	Oct 2012	318	39	22	27	14	7
	Nov 2012	343	38	12	16	8	6
	Dec 2012	384	39	26	32	16	6
	Jan 2013	382	39	23	29	15	6
	Feb 2013	338	35	16	21	11	5
	Mar 2013	253	39	10	14	8	5
	Winter 2013	**1765**	**191**	**98**	**124**	**64**	**29**

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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April 2011 24-Month Study

Most Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions

Date	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Total KAF	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****EFFECTIVE SPACE****										
Apr 2011	799	335	370	11518	13021	16207	29228	542	335	203	1079	11518	16207	28804	1500	1092	0	31.5
May 2011	775	333	334	11491	12933	16323	29257	512	333	149	994	11491	16323	28808	1500	1042	0	33.3
Jun 2011	588	250	257	10133	11228	16289	27517	310	248	39	598	10133	16289	27019	1500	957	0	35.9
Jul 2011	302	36	272	8211	8821	16133	24954	4	6	7	17	8211	16133	24362	1500	914	0	36.3
								****CREDITABLE SPACE****										
Aug 2011	312	27	315	7953	8608	15856	24464	312	27	315	654	7953	15856	24464	1500	820	0	36.1
Sep 2011	344	79	352	8417	9192	15502	24694	344	79	352	775	8417	15502	24694	2270	628	0	35.7
Oct 2011	410	152	369	8535	9466	15434	24900	410	152	369	931	8535	15434	24900	3040	471	0	35.6
Nov 2011	477	184	365	8695	9720	15193	24913	477	184	365	1025	8695	15193	24913	3810	663	0	35.4
Dec 2011	543	193	369	8922	10028	15084	25112	543	193	369	1106	8922	15084	25112	4580	542	0	35.4
Jan 2012	627	248	381	9243	10499	14734	25233	627	248	381	1256	9243	14734	25233	5350	708	0	35.2
								****EFFECTIVE SPACE****										
Jan 2012	627	248	381	9243	10499	14734	25233	278	248	280	806	9243	14734	24783	5350	708	0	35.2
Feb 2012	705	302	394	9576	10976	14556	25532	356	302	292	949	9576	14556	25081	1500	729	0	34.9
Mar 2012	771	327	396	9874	11368	14450	25818	421	327	292	1040	9874	14450	25364	1500	1033	0	34.6
Apr 2012	789	322	372	9977	11460	14743	26203	435	322	263	1020	9977	14743	25740	1500	1156	0	34.4
May 2012	767	298	309	9806	11181	15268	26449	407	298	181	886	9806	15268	25961	1500	993	0	35.4
Jun 2012	632	217	236	8795	9879	15572	25452	261	214	75	550	8795	15572	24917	1500	860	0	37.0
Jul 2012	402	38	253	7452	8144	15630	23775	13	11	44	67	7452	15630	23150	1500	901	0	37.3
								****CREDITABLE SPACE****										
Aug 2012	404	27	260	7206	7897	15585	23482	404	27	260	691	7206	15585	23482	1500	822	0	37.0
Sep 2012	430	77	285	7556	8348	15430	23777	430	77	285	792	7556	15430	23777	2270	676	0	36.6
Oct 2012	487	146	293	7721	8646	15409	24055	487	146	293	925	7721	15409	24055	3040	463	0	36.4
Nov 2012	543	178	293	7893	8906	15164	24071	543	178	293	1014	7893	15164	24071	3810	573	0	36.4
Dec 2012	600	187	294	8130	9211	14975	24186	600	187	294	1080	8130	14975	24186	4580	558	0	36.3
Jan 2013	673	248	303	8480	9704	14619	24322	673	248	303	1223	8480	14619	24322	5350	708	0	36.1
								****EFFECTIVE SPACE****										
Jan 2013	673	248	303	8480	9704	14619	24322	479	248	235	962	8480	14619	24061	5350	708	0	36.1
Feb 2013	740	302	314	8847	10203	14418	24621	546	302	246	1093	8847	14418	24358	1500	715	0	35.8
Mar 2013	794	332	314	9155	10594	14299	24893	597	332	244	1173	9155	14299	24626	1500	1052	0	35.5

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2095

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June 24-Month Study
Date: June 14, 2011

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

Reservoir	May Inflow (unregulated) (acre-feet)	Percent of Average (%)	June 13 Midnight Elevation (feet)	Reservoir Storage (acre-feet)
Fontenelle	161,000	82	6469.00	115,000
Flaming Gorge	327,000	108	6026.75	3,225,000
Blue Mesa	168,000	77	7489.50	577,000
Navajo	172,000	63	6067.65	1,448,000
Powell	2,194,000	95	3634.68	15,384,000

Expected Operations

The operation of Lake Powell and Lake Mead in this June 2011 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines), and reflects the 2011 Annual Operating Plan (AOP). Pursuant to the Interim Guidelines, the Lake Powell operational tier for water year 2011 is the Upper Elevation Balancing Tier. The Intentionally Created Surplus (ICS) Surplus condition is the criterion governing the operation of Lake Mead for calendar year 2011.

The April 2011 24-Month study projected the September 30 Lake Powell elevation to be greater than the 2011 Equalization elevation of 3,643.0 feet with an annual release from Lake Powell of 8.23 maf. Consistent with Section 6.B.3 of the Interim Guidelines, the Equalization Tier governs operations of Lake Powell for the remainder of the water year.

The June 24-Month Study projects a Lake Powell WY 2011 annual release volume of 12.44 maf. Due to recent increases to the inflow forecast for Lake Powell, Equalization may not be fully achieved by the end of the water year. The projected Lake Powell releases will be updated each month to reflect changing hydrology in order to achieve the operation specified by the Equalization Tier.

The Interim Guidelines are available for download at http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.

The 2011 AOP is available for download at
http://www.usbr.gov/uc/water/rsvrs/ops/aop/AOP11_final.pdf.

Fontenelle Reservoir – Inflows for the month of May were 161,000 acre-feet, or 82% of average. The reservoir elevation is 6463.7 feet above sea level and 27% of capacity. Current inflows are approximately 3,400 cfs and reservoir releases are 6,400 cfs. Additional reservoir storage has been maintained in anticipation of significantly above average reservoir inflows in this season. Releases will likely be increased significantly in June as the snowmelt pulse enters the reservoir.

The Colorado Basin River Forecast Center and Natural Resources Conservation Service have issued the joint water supply forecast for the 2011 spring runoff. The June official forecast for the April to July runoff period is 1230 kaf (143%). Given this forecasted inflow, the reservoir is projected to fill late this summer and releases of up to 10,000 cfs or potentially more could be required for two weeks or more to safely route the inflow to the reservoir. Note that these projections are provisional and subject to change as forecasts are updated and actual inflows are realized. Inflows are forecasted to be significantly above average in June and July and below average in August: 575,000 acre-ft (162%) for June, 400,000 acre-ft (189%) for July, and 75,000 acre-ft (82%) for August. Basin snowpack has begun melting, however, well over half of the snowpack still remains.

The next Fontenelle Working Group meeting is scheduled for August 18, 2011 at 10:00 am at the Joint Powers Water Board water treatment plant boardroom in Green River, Wyoming. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir.

Flaming Gorge Reservoir – Unregulated inflow into Flaming Gorge Reservoir during the month of May was 327,000 acre-feet (AF), or 108 percent of average inflow. The Upper Green and Yampa River Basins have record snowpack and high spring flows are expected in 2011. Upper Green River Basin snowpack is currently 441% of the average for this time of year. Yampa River Basin snowpack is currently 272% of the average for this time of year.

The Colorado Basin River Forecast Center and Natural Resources Conservation Service have issued the joint water supply forecast for the 2011 spring runoff. The Flaming Gorge Reservoir June official forecast for the April to July runoff period is 1,890 kaf (159%). The Yampa River Basin May official forecast for the April to July runoff period is 2,875 kaf (212%).

The Yampa river basin contains unprecedented snowpack, with forecasted flows at 212 percent of average. Approximately 60 percent of the Yampa River forecasted volume has melted and the Yampa River was above flood stage from June 4 through June 13. The

highest peak occurred on June 9 at 26,500 cfs. Mother Nature has been kind with the warming and cooling trend over the last few weeks. Yampa River low- and mid-elevation snow has melted in sections, which has meant lower peak flows out of the Yampa River. The peak flows could have been much higher.

The Upper Green river basin June final forecast increased 230 thousand acre-feet (KAF) or 20 percent over the May final forecast. Flaming Gorge Reservoir has 527,000 acre-feet (af) of space (86 percent of live capacity) as of June 13, 2011. The June final forecast estimates 1.89 million acre-feet (maf) of water into Flaming Gorge during the April-July period. Total volume into Flaming Gorge from April 1 through June 13 is 707,000 af, leaving approximately 1.2 maf or 63 percent of the total volume (1.18 maf) expected between now and the end of July.

The next Flaming Gorge Working Group meeting is scheduled for August 23, 2011, at 11:00 a.m. at the Western Park Convention Center, 302 East 200 South, Vernal, Utah. The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stake holders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations and plans presented by Reclamation at these meetings. For more information on this group and these meetings please contact Heather Hermansen at 801-524-3883 or Ed Vidmar at 801-379-1182.

Aspinall Unit Reservoirs – May unregulated inflow into Blue Mesa Reservoir was 168,000 acre-feet or 77 percent of average. The Gunnison River Basin snowpack is melting out much later this year. As temperatures have warmed has resulted in some fairly high river flows during the first part of June. The current inflow rate into Blue Mesa Reservoir is about 7,000 cfs while reservoir releases are averaging about 2,200 cfs. Blue Mesa's present elevation is 7489.50 feet, which corresponds to a storage content of about 577,000 acre-feet. Precipitation during May was 125 percent of average.

The latest Water Supply Forecast for Water Year 2011 has been issued and the April through July unregulated inflow is forecasted to be at 895,000 acre-feet (124% of average). This is a 50,000 acre-feet decrease from last month's forecast. The May 1 runoff forecast sets the senior Black Canyon Water Right call for a one day spring peak flow of 6,793 cfs. Because of the late snowmelt, Reclamation delayed the spring peak operations until June.

The Black Canyon Water Right was met on June 8th, when releases from Crystal were set at 8,200 cfs. The Gunnison Diversion Tunnel was diverting about 1050 cfs, which resulted in a river flow below the diversion tunnel of approximately 7,200 cfs. Flows at Delta, Colorado reached 13,500 cfs on this same day. Reservoir releases were slowly ramped down from the Aspinall Unit beginning June 9th and stabilizing at around 3,200 cfs in the Canyon and Gorge around June 14th. Blue Mesa Reservoir is expected to top out at or above 7516.00 feet in mid July.

The next meeting of the "Aspinall Unit Working Group" will be held on Thursday, August 18, 2011 at Elk Creek Visitors Center at Blue Mesa Reservoir. At this meeting, review of this spring's reservoir operations, and plans for this summer and fall operations will be discussed. These meetings are open forum discussions on the Aspinall Unit reservoir operations with many interested groups participating. Anyone needing further information about these meetings should contact Dan Crabtree in the Grand Junction Area Office at (970) 248-0652.

Navajo Reservoir - The current snowpack has diminished substantially in the last few weeks. Only the higher elevation SNOTEL stations in the upper San Juan Basin have any significant snowpack. The basin snowpack has pretty much melted out for elevations below 12,000 feet. The snowpack as of June 14th for the upper San Juan River basin was averaging 45 percent while the Animas River basin snowpack now stands at 49 percent of average.

Unregulated inflow into Navajo Reservoir during the month of May was 172,000 acre-feet, or 63 percent of average. Currently, the daily reservoir inflow is averaging about 4,600 cfs. NIIP diversions are currently set at 700 cfs. The reservoir water surface elevation is currently 6067.65 feet, which corresponds to a storage content of about 1,448,000 acre-feet.

On June 3, 2011, the National Weather Service's River Forecast Center issued an updated inflow forecast for Navajo Reservoir for the April through July runoff period. This forecast is projecting a volume runoff into the reservoir of 545,000 acre-feet, or about a 69 percent of average runoff for the Upper San Juan River Basin. Based on this runoff forecast and current reservoir conditions, a one week spring peak release of 5,000 cfs was scheduled for June 8th though June 14th this runoff season.

A public meeting on Navajo Reservoir operations will be held on Tuesday, August 30, 2011 at 1:00 p.m. in Farmington, New Mexico. At this meeting, review of last spring and summer reservoir operations, and plans for this fall and winter 2011/2012 operations will be discussed. These are open forum discussions on the operation of Navajo Reservoir with many interested groups participating. Anyone interested in the general operation of the reservoir is encouraged to attend. Please contact Ryan Christianson in Reclamation's Durango, Colorado Office at (970) 385-6590 for information about these meetings or the daily operation of Navajo Reservoir.

Glen Canyon Dam / Lake Powell –The unregulated inflow volume to Lake Powell for May 2011 was 2.17 maf (94% of average). Inflows have increased due to snowmelt runoff within the basin and observed inflows to Lake Powell are averaging nearly 87,000 cfs (June 14, 2011). Observed inflows will likely remain high through June and into July. The spring runoff is well under way and there is still significant snow yet to melt at the higher elevations within the basis. The forecasted unregulated inflow for June is 6.1 maf

which would be the 2nd wettest June for Lake Powell since the operation of Glen Canyon Dam began in 1963.

The reservoir elevation of Lake Powell will increase significantly during the months of June and July, 2011. As of June 14, 2011 the reservoir elevation of Lake Powell was 3635.75 feet and this is about 26 feet above the low reservoir elevation for 2011 (3609.7 feet on April 9, 2011). The reservoir elevation has been increasing at just over 1 foot per day. The peak reservoir elevation for the summer will likely occur in late July or early August and is projected to be 3660 to 3665 feet above sea level. This would be 35 to 40 feet below the full pool elevation of 3700 feet. The last time Lake Powell's reservoir elevation was at this level was in October of 2001 (over 10 years ago) near the beginning of the recent drought. The peak reservoir elevation for 2011 will be dependent on the actual inflows that Lake Powell receives over the next 2 months.

Current Dam Operations

Releases from Glen Canyon Dam are approximately 22,400 cfs which is very near the full capacity of the powerplant. This release rate includes reserving enough generation capacity for up to 100 MW of reserve generation and 40 MW of system regulation. As the elevation of Lake Powell increases, the capacity of the powerplant will change and operation of Glen Canyon Dam will be adjusted daily to maximize release volumes. It is anticipated that the release volume for June will be approximately 1,332 kaf. The actual release volume for June will largely depend on generation unit efficiencies that occur throughout the month and could be higher or lower than this estimated release volume.

While the release rate over the next several months is likely to be steady, the instantaneous releases from Glen Canyon Dam may fluctuate somewhat to provide 40 MW of system regulation. These instantaneous release adjustments maintain stable conditions within the electrical generation and transmission system and result in momentary release fluctuations within a range of about 1100 cfs above or below the targeted hourly release rate. The momentary fluctuations for regulation are very short lived and typically balance out over the hour.

Spinning and non-spinning reserve generation is also maintained at Glen Canyon Dam. In order for Colorado River Storage Project (CRSP) powerplants to participate in the electrical generation and transmissions system, these powerplants must maintain a level of generation capacity available in reserve to assist the local control area for when unanticipated generation outages occur. The current CRSP powerplant reserve requirement is 100 MW (equivalent to approximately 2,675 cfs of release from Glen Canyon Dam). When an electrical outage occurs within the control area, CRSP powerplants can be called upon to provide up to 100 MW of additional generation for up to 2 hours. Under normal circumstances, calls for reserves infrequent and for much less than the required 100 MW. Because Glen Canyon Powerplant is the largest facility of the CRSP powerplants, most of the CRSP reserve requirement is maintained at Glen Canyon Dam.

Annual Operations-Coordinated Operation of Lake Mead and Lake Powell under Interim Guidelines for Water Year 2011

In August of 2010, the 24-Month Study was used to project the January 1, 2010 elevations of Lake Powell and Lake Mead. Based on these projected elevations and pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines), the operating tier for water year 2011 was selected to be Upper Elevation Balancing. Operation of Glen Canyon Dam under Upper Elevation Balancing can result in annual releases as low as 7.0 maf to as high as 13 maf or greater depending on system conditions. The operational outcome of the Upper Elevation Balancing Tier is largely dependent on system conditions at the end of the water year that are projected in the April 24-Month Study.

The April 2011 24-Month Study projected the end of water year elevation for Lake Powell would be above 3643 feet which is the Equalization Level for 2011. For this reason, pursuant to the Interim Guidelines, Equalization will govern the operation of Glen Canyon Dam for the remaining months of water year 2011.

Current Inflow Forecasts and Model Projections

Below average temperatures in the basin have persisted in May and June and as of June 8, 2011 only about 50% of the accumulated snowpack for 2011 had melted. There is still significant snowpack within the basin which will support high inflow conditions over the next 2 months.

The Water Supply forecast for Lake Powell (April through July Unregulated Inflow Volume) is 12.6 maf (159% of average) and the water year unregulated inflow to Powell for 2011 is projected to be 16.7 maf (138% of average). The last water year where Lake Powell observed that level of unregulated inflow was 1997 when the unregulated inflow volume for the water year was 17.4 maf (145% of average). Since 1963, when Lake Powell/Glen Canyon Dam began operations, only 5 of the 47 water years have had unregulated inflow volumes greater than what is projected for this year.

The unregulated inflow forecasts for Lake Powell over the next 3 months are as follows: June-6,100 kaf (198% of average); July-3,300 kaf (212% of average); August-950 kaf (155% of average). These forecasts were last updated on June 3, 2011. Incorporating these new forecasts, the projected most probable unregulated inflow for water year 2011 is now 16.7 maf (138% of average). This is the median projection for water year 2011. There is a 50% chance that the actual volume could be higher and there is a 50% the actual volume could be lower than this projected volume.

A range of possible unregulated inflow volumes that could still occur this year extend from a projected minimum probable volume to a projected maximum probable volume. These projected volumes represent what would be expected to be statistically exceeded 90% of the time (minimum inflow volume) and 10% of the time (maximum inflow

volume). The projected minimum probable volume is currently 15.1 maf (125% of average) and the projected maximum volume is currently 18.9 maf (157% of average). Given this range, there is still some uncertainty for how 2011 will play out over the next 3 months.

The June 24-Month Study projects a Lake Powell WY 2011 annual release volume of 12.44 maf. Due to recent increases to the inflow forecast for Lake Powell, Equalization may not be fully achieved by the end of the water year. The projected Lake Powell releases will be updated each month to reflect changing hydrology in order to achieve the operation specified by the Equalization Tier.

Upper Colorado River Basin Hydrology

In the Upper Colorado River Basin during water year 2010, the overall precipitation accumulated through September 30, 2010 was approximately 90% of average based on the 30 year average for the period from 1971 through 2000. For Water Year 2011 thus far, the estimated monthly precipitation within the Upper Colorado River Basin (above Lake Powell) as a percentage of average has been: (October - 135%, November - 95%, December - 225%, January - 50%, February - 100%, March - 85%, April - 155%, May - 155%).

The Climate Prediction Center outlook (dated May 19, 2011) for temperature over the next 3 months indicates that temperatures in the Upper Colorado River Basin are expected to be above average while precipitation over the next 3 months is projected to be near average in the northern reaches of the basin while below average in the southern reaches of the basin.

Upper Colorado River Basin Drought

The Upper Colorado River Basin has experienced a protracted multi-year drought since early 2000. During this drought, the inflows to Lake Powell have been below average in every year except water years 2005, 2008 and likely 2011. In the summer of 1999, Lake Powell was close to full with reservoir storage at 23.5 million acre-feet, or 97 percent of capacity. During the next 5 years (2000 through 2004) unregulated inflow to Lake Powell was well below average. This resulted in Lake Powell storage decreasing during this period to 8.0 million acre-feet (33 percent of capacity) which occurred on April 8, 2005.

During 2005, 2008 and 2009, drought conditions eased somewhat with near or above average inflow conditions and net gains in storage to Lake Powell. This year (2011) will likely be another above average inflow year. As of June 14, 2011 the storage in Lake Powell was approximately 15.51 million acre-feet (63.8 % of capacity) which is still below the desired operating level for this time of year. The overall reservoir storage in the Colorado River Basin as of June 14, 2011 is approximately 34.81 million acre-feet (58.5 % of capacity).

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-430
125 SOUTH STATE STREET, ROOM 6107
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-3709

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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:	Obs			may	Forecast			Outlook	
:	feb	mar	apr	may	%Avg	jun	jul	aug	apr-jul %Avg
GLDA3:Lake Powell	317	594	978	2194	95%:	6100/	3300/	950/	12600/: 159%
GBRW4:Fontenelle	26	36	92	161	82%:	575/	400/	75/	1230/: 143%
GRNU1:Flaming Gorge	36	99	159	327	108%:	890/	510/	93/	1890/: 159%
BMDC2:Blue Mesa	21	38	77	168	77%:	455/	195/	71/	895/: 124%
MPSC2:Morrow Point	21	38	84	191	78%:	490/	205/	75/	970/: 124%
CLSC2:Crystal	24	43	92	204	71%:	550/	230/	84/	1080/: 118%
TPIC2:Taylor Park	4.0	4.6	7.5	21	77%:	71/	35/	12.9/	135/: 131%
VCRC2:Vallecito	4.2	7.3	22	45	67%:	84/	26/	17.7/	177/: 86%
NVRN5:Navajo	17.6	41	115	172	63%:	215/	45/	25/	545/: 69%
LEMC2:Lemon	0.65	1.24	4.3	12.1	61%:	23/	5/	4.3/	44/: 76%
MPHC2:McPhee	3.3	12.0	46	98	75%:	96/	19/	11.2/	260/: 81%
RBSC2:Ridgway	3.2	4.9	9.4	19.3	83%:	/	/	/	119/: 117%

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2011 24-Month Study

Most Probable Inflow*

Fontenelle Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jun 2010	251	2	50	1	51	6502.04	314
H	Jul 2010	134	3	91	22	113	6504.39	333
I	Aug 2010	50	2	68	0	68	6501.76	312
S	Sep 2010	29	2	26	35	61	6497.33	279
	WY 2010	**781**	**14**	**530**	**233**	**763**		
T	Oct 2010	31	1	5	55	59	6493.24	250
O	Nov 2010	34	1	53	1	54	6490.17	229
R	Dec 2010	37	1	55	0	55	6487.27	210
I	Jan 2011	29	1	55	0	55	6482.87	183
C	Feb 2011	26	1	50	0	50	6478.35	158
A	Mar 2011	36	1	58	0	58	6473.74	136
L	Apr 2011	92	1	84	15	100	6471.99	128
*	May 2011	161	1	89	79	168	6470.20	120
	Jun 2011	575	2	99	336	435	6494.39	258
	Jul 2011	400	3	103	210	314	6505.53	342
	Aug 2011	75	2	100	4	105	6501.46	310
	Sep 2011	46	2	37	29	66	6498.51	288
	WY 2011	**1542**	**15**	**789**	**730**	**1519**		
	Oct 2011	47	1	68	0	68	6495.45	266
	Nov 2011	41	1	66	0	66	6491.82	240
	Dec 2011	32	1	68	0	68	6486.21	203
	Jan 2012	30	1	68	0	68	6479.66	165
	Feb 2012	28	0	64	0	64	6472.16	129
	Mar 2012	52	0	68	0	68	6468.15	111
	Apr 2012	89	1	83	0	83	6469.47	117
	May 2012	176	1	86	0	86	6486.54	206
	Jun 2012	307	2	104	108	211	6500.04	299
	Jul 2012	185	3	101	38	138	6505.72	343
	Aug 2012	82	2	86	0	86	6504.95	337
	Sep 2012	48	2	71	0	71	6501.80	313
	WY 2012	**1119**	**15**	**934**	**145**	**1079**		
	Oct 2012	49	1	73	0	73	6498.38	287
	Nov 2012	41	1	71	0	71	6494.20	257
	Dec 2012	32	1	73	0	73	6487.98	215
	Jan 2013	30	1	73	0	73	6480.84	172
	Feb 2013	28	1	66	0	66	6473.12	133
	Mar 2013	52	0	73	0	73	6468.01	111
	Apr 2013	89	1	83	0	83	6469.43	117
	May 2013	176	1	99	5	104	6483.64	188

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2100

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2011 24-Month Study

Most Probable Inflow*

Flaming Gorge Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	Jun 2010	387	187	10	138	0	138	130	6026.97	3234	736
H	Jul 2010	151	130	13	96	0	96	131	6027.51	3254	195
I	Aug 2010	54	72	12	100	0	100	129	6026.47	3215	135
S	Sep 2010	22	54	10	106	0	106	127	6024.83	3154	127
	WY 2010	**1018**	**1000**	**79**	**1168**	**1**	**1169**				**2764**
T	Oct 2010	32	60	7	77	0	77	126	6024.21	3131	113
O	Nov 2010	31	52	4	63	0	63	125	6023.83	3117	107
R	Dec 2010	45	64	2	68	0	68	125	6023.67	3111	114
I	Jan 2011	44	70	2	68	0	68	125	6023.69	3112	525
C	Feb 2011	36	60	2	67	0	67	125	6023.47	3104	489
A	Mar 2011	98	120	3	59	0	59	127	6024.99	3160	181
L	Apr 2011	159	166	5	172	0	172	127	6024.71	3150	472
*	May 2011	327	334	8	279	47	326	127	6024.73	3150	1108
	Jun 2011	890	750	10	282	230	512	135	6030.53	3369	512
	Jul 2011	510	424	14	268	0	268	141	6033.98	3505	268
	Aug 2011	93	123	13	112	0	112	141	6033.91	3503	112
	Sep 2011	57	78	12	109	0	109	139	6032.88	3462	109
	WY 2011	**2323**	**2300**	**81**	**1623**	**276**	**1899**				**4109**
	Oct 2011	58	79	8	112	0	112	138	6031.90	3423	112
	Nov 2011	50	75	4	109	0	109	136	6030.98	3387	109
	Dec 2011	36	72	2	112	0	112	135	6029.94	3347	112
	Jan 2012	41	79	2	112	0	112	133	6029.06	3313	112
	Feb 2012	46	82	2	105	0	105	132	6028.43	3289	105
	Mar 2012	104	120	3	112	0	112	132	6028.55	3294	112
	Apr 2012	142	136	5	109	0	109	133	6029.13	3316	109
	May 2012	265	175	8	112	0	112	135	6030.50	3368	112
	Jun 2012	399	303	11	109	0	109	142	6034.95	3544	109
	Jul 2012	218	171	14	155	0	155	143	6035.00	3546	155
	Aug 2012	96	100	13	200	0	200	138	6032.27	3437	200
	Sep 2012	58	81	11	104	0	104	137	6031.42	3404	104
	WY 2012	**1514**	**1474**	**83**	**1451**	**0**	**1451**				**1451**
	Oct 2012	59	84	7	108	0	108	136	6030.65	3374	108
	Nov 2012	50	80	4	104	0	104	135	6029.95	3347	104
	Dec 2012	36	77	2	108	0	108	133	6029.14	3316	108
	Jan 2013	41	84	2	108	0	108	132	6028.50	3292	108
	Feb 2013	46	84	2	97	0	97	132	6028.11	3277	97
	Mar 2013	104	125	3	108	0	108	132	6028.48	3291	108
	Apr 2013	142	136	5	104	0	104	133	6029.16	3317	104
	May 2013	265	193	8	108	0	108	136	6031.08	3391	108

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2011 24-Month Study

Most Probable Inflow*

Taylor Park Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jun 2010	35	18	9325.55	97
H	Jul 2010	10	20	9320.19	87
I	Aug 2010	10	17	9316.06	80
S	Sep 2010	6	14	9311.57	72
	WY 2010	**121**	**122**		
T	Oct 2010	7	6	9312.21	73
O	Nov 2010	5	5	9312.27	74
R	Dec 2010	5	5	9312.71	74
I	Jan 2011	5	5	9312.70	74
C	Feb 2011	4	4	9312.51	74
A	Mar 2011	5	6	9311.89	73
L	Apr 2011	7	8	9311.44	72
*	May 2011	22	33	9304.21	61
	Jun 2011	71	32	9326.93	100
	Jul 2011	35	32	9328.45	103
	Aug 2011	13	28	9320.57	88
	Sep 2011	8	16	9316.27	80
	WY 2011	**186**	**178**		
	Oct 2011	7	10	9314.38	77
	Nov 2011	5	6	9313.73	76
	Dec 2011	4	6	9312.81	74
	Jan 2012	4	6	9311.72	73
	Feb 2012	4	6	9310.35	70
	Mar 2012	4	6	9309.25	69
	Apr 2012	8	8	9309.46	69
	May 2012	27	16	9316.21	80
	Jun 2012	43	22	9327.45	101
	Jul 2012	20	22	9326.65	100
	Aug 2012	10	22	9320.32	88
	Sep 2012	7	16	9315.22	78
	WY 2012	**144**	**146**		
	Oct 2012	6	10	9312.94	75
	Nov 2012	5	6	9312.28	74
	Dec 2012	4	6	9311.34	72
	Jan 2013	4	6	9310.23	70
	Feb 2013	4	6	9308.95	68
	Mar 2013	4	6	9307.83	67
	Apr 2013	8	8	9308.05	67
	May 2013	27	14	9316.09	80

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2011 24-Month Study

Most Probable Inflow*

Blue Mesa Reservoir

	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jun 2010	205	186	1	51	0	51	7508.76	735
H	Jul 2010	50	60	1	98	0	98	7504.17	696
I	Aug 2010	56	63	1	92	0	92	7500.54	666
S	Sep 2010	23	31	1	86	0	86	7493.54	609
	WY 2010	**725**	**727**	**8**	**754**	**6**	**760**		
T	Oct 2010	29	29	1	85	0	85	7486.20	552
O	Nov 2010	27	27	0	24	0	24	7486.60	555
R	Dec 2010	30	29	0	27	0	27	7486.84	557
I	Jan 2011	23	23	0	27	0	27	7486.34	553
C	Feb 2011	21	21	0	43	0	43	7483.46	532
A	Mar 2011	38	39	0	75	0	75	7478.48	495
L	Apr 2011	77	78	1	95	0	95	7475.97	477
*	May 2011	168	179	1	162	0	162	7478.26	493
	Jun 2011	455	416	1	173	0	173	7508.75	735
	Jul 2011	195	192	2	123	0	123	7516.40	803
	Aug 2011	71	86	1	121	0	121	7512.35	766
	Sep 2011	40	48	1	116	0	116	7504.29	697
	WY 2011	**1174**	**1166**	**8**	**1070**	**0**	**1070**		
	Oct 2011	37	41	1	76	0	76	7499.97	661
	Nov 2011	31	32	0	46	0	46	7498.19	647
	Dec 2011	25	27	0	92	0	92	7490.00	581
	Jan 2012	24	26	0	79	0	79	7482.99	528
	Feb 2012	22	24	0	62	0	62	7477.80	490
	Mar 2012	34	36	0	37	0	37	7477.59	489
	Apr 2012	73	73	1	48	0	48	7480.90	513
	May 2012	212	201	1	102	0	102	7493.70	610
	Jun 2012	271	250	1	67	0	67	7515.21	792
	Jul 2012	121	122	2	110	0	110	7516.40	802
	Aug 2012	62	74	1	122	0	122	7510.78	753
	Sep 2012	36	45	1	113	0	113	7502.72	684
	WY 2012	**948**	**950**	**9**	**955**	**0**	**955**		
	Oct 2012	36	39	1	71	0	71	7498.84	652
	Nov 2012	31	32	0	41	0	41	7497.65	642
	Dec 2012	25	27	0	87	0	87	7490.00	581
	Jan 2013	24	26	0	79	0	79	7482.99	528
	Feb 2013	22	24	0	54	0	54	7478.88	498
	Mar 2013	34	36	0	36	0	36	7478.81	497
	Apr 2013	73	73	1	48	0	48	7482.09	521
	May 2013	212	199	1	109	0	109	7493.67	610

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2100

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2011 24-Month Study

Most Probable Inflow*

Morrow Point Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jun 2010	216	51	12	63	64	0	64	7153.15	112
H	Jul 2010	51	98	1	98	96	0	96	7156.02	114
I	Aug 2010	56	92	1	93	93	0	93	7155.63	114
S	Sep 2010	23	86	0	87	92	0	92	7148.78	108
	WY 2010	**773**	**760**	**48**	**807**	**805**	**0**	**805**		
T	Oct 2010	30	85	1	86	82	0	82	7153.88	112
O	Nov 2010	29	24	1	25	26	0	26	7152.79	111
R	Dec 2010	30	27	0	28	27	0	27	7153.98	112
I	Jan 2011	23	27	0	27	27	0	27	7153.70	112
C	Feb 2011	21	43	0	43	44	0	44	7152.08	111
A	Mar 2011	38	75	1	75	73	0	73	7154.37	113
L	Apr 2011	84	95	7	102	104	0	104	7152.20	111
*	May 2011	191	162	23	185	181	0	181	7156.18	114
	Jun 2011	490	173	35	208	210	0	210	7153.73	112
	Jul 2011	205	123	10	133	133	0	133	7153.73	112
	Aug 2011	75	121	4	125	125	0	125	7153.73	112
	Sep 2011	43	116	3	119	119	0	119	7153.73	112
	WY 2011	**1260**	**1070**	**86**	**1156**	**1151**	**0**	**1151**		
	Oct 2011	40	76	3	79	79	0	79	7153.73	112
	Nov 2011	33	46	2	48	48	0	48	7153.73	112
	Dec 2011	27	92	2	94	94	0	94	7153.73	112
	Jan 2012	26	79	2	81	81	0	81	7153.73	112
	Feb 2012	25	62	3	65	65	0	65	7153.73	112
	Mar 2012	38	37	4	41	41	0	41	7153.73	112
	Apr 2012	84	48	11	59	59	0	59	7153.73	112
	May 2012	237	102	25	127	127	0	127	7153.73	112
	Jun 2012	292	67	21	88	88	0	88	7153.73	112
	Jul 2012	127	110	7	117	117	0	117	7153.73	112
	Aug 2012	65	122	4	126	126	0	126	7153.73	112
	Sep 2012	39	113	3	116	116	0	116	7153.73	112
	WY 2012	**1034**	**955**	**86**	**1041**	**1041**	**0**	**1041**		
	Oct 2012	38	71	3	74	74	0	74	7153.73	112
	Nov 2012	33	41	2	43	43	0	43	7153.73	112
	Dec 2012	27	87	2	89	89	0	89	7153.73	112
	Jan 2013	26	79	2	81	81	0	81	7153.73	112
	Feb 2013	25	54	3	57	57	0	57	7153.73	112
	Mar 2013	38	36	4	40	40	0	40	7153.73	112
	Apr 2013	84	48	11	59	59	0	59	7153.73	112
	May 2013	237	109	25	134	134	0	134	7153.73	112

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2011 24-Month Study

Most Probable Inflow*

Crystal Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
*	Jun 2010	242	64	25	89	89	0	89	6752.91	17	56	39
H	Jul 2010	55	96	4	100	100	0	100	6751.15	16	69	39
I	Aug 2010	61	93	5	98	98	0	98	6749.05	16	68	37
S	Sep 2010	26	92	3	95	95	0	95	6748.16	16	63	36
	WY 2010	**859**	**805**	**86**	**891**	**824**	**63**	**890**			**415**	**528**
T	Oct 2010	34	82	4	86	85	0	85	6750.41	16	51	33
O	Nov 2010	32	26	4	30	30	0	30	6748.60	16	1	29
R	Dec 2010	34	27	4	31	31	0	31	6748.24	16	1	30
I	Jan 2011	27	27	4	31	30	1	31	6749.02	16	1	30
C	Feb 2011	24	44	3	47	24	23	46	6751.55	17	1	47
A	Mar 2011	43	73	5	78	78	0	78	6751.94	17	5	76
L	Apr 2011	92	104	8	112	110	2	112	6752.03	17	38	79
*	May 2011	204	181	13	195	126	68	194	6753.39	17	63	137
	Jun 2011	550	210	60	270	130	140	270	6753.04	17	60	210
	Jul 2011	230	133	25	158	134	24	158	6753.04	17	65	93
	Aug 2011	84	125	9	134	134	0	134	6753.04	17	65	69
	Sep 2011	50	119	7	126	126	0	126	6753.04	17	55	71
	WY 2011	**1405**	**1151**	**145**	**1296**	**1038**	**257**	**1295**			**405**	**904**
	Oct 2011	47	79	6	85	85	0	85	6753.04	17	30	55
	Nov 2011	38	48	5	53	53	0	53	6753.04	17	0	53
	Dec 2011	32	94	5	99	99	0	99	6753.04	17	0	99
	Jan 2012	31	81	5	86	86	0	86	6753.04	17	0	86
	Feb 2012	29	65	4	69	69	0	69	6753.04	17	0	69
	Mar 2012	46	41	7	48	48	0	48	6753.04	17	5	43
	Apr 2012	96	59	12	71	71	0	71	6753.04	17	30	41
	May 2012	272	127	35	162	134	28	162	6753.04	17	55	107
	Jun 2012	330	88	38	127	127	0	127	6753.04	17	60	67
	Jul 2012	144	117	17	134	134	0	134	6753.04	17	65	69
	Aug 2012	74	126	8	134	134	0	134	6753.04	17	65	69
	Sep 2012	45	116	6	122	122	0	122	6753.04	17	55	67
	WY 2012	**1185**	**1041**	**151**	**1191**	**1163**	**28**	**1191**			**365**	**826**
	Oct 2012	44	74	6	80	80	0	80	6753.04	17	30	50
	Nov 2012	38	43	5	48	48	0	48	6753.04	17	0	48
	Dec 2012	32	89	5	94	94	0	94	6753.04	17	0	94
	Jan 2013	31	81	5	86	86	0	86	6753.04	17	0	86
	Feb 2013	29	57	4	61	61	0	61	6753.04	17	0	61
	Mar 2013	46	40	7	47	47	0	47	6753.04	17	5	42
	Apr 2013	96	59	12	71	71	0	71	6753.04	17	30	41
	May 2013	272	134	35	169	134	35	169	6753.04	17	55	114

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2011 24-Month Study

Most Probable Inflow*

Vallecito Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jun 2010	46	42	7661.51	116
H	Jul 2010	12	37	7651.21	90
I	Aug 2010	19	33	7645.00	75
S	Sep 2010	10	26	7637.70	59
	WY 2010	**210**	**196**		
T	Oct 2010	12	13	7636.95	58
O	Nov 2010	7	2	7639.20	63
R	Dec 2010	6	2	7641.20	67
I	Jan 2011	5	2	7642.53	70
C	Feb 2011	4	2	7643.62	72
A	Mar 2011	7	2	7645.67	77
L	Apr 2011	22	4	7653.10	95
*	May 2011	44	27	7659.70	111
	Jun 2011	84	69	7664.99	125
	Jul 2011	26	42	7658.74	109
	Aug 2011	18	38	7650.52	88
	Sep 2011	16	30	7644.70	75
	WY 2011	**251**	**232**		
	Oct 2011	13	16	7643.48	72
	Nov 2011	8	4	7645.18	76
	Dec 2011	6	5	7645.80	77
	Jan 2012	5	5	7646.06	78
	Feb 2012	5	4	7646.30	78
	Mar 2012	8	3	7648.34	83
	Apr 2012	22	3	7655.99	102
	May 2012	69	57	7660.62	114
	Jun 2012	78	67	7664.38	124
	Jul 2012	31	41	7660.21	113
	Aug 2012	19	38	7652.81	94
	Sep 2012	17	29	7647.82	82
	WY 2012	**282**	**271**		
	Oct 2012	14	13	7648.04	82
	Nov 2012	8	6	7649.02	85
	Dec 2012	6	5	7649.59	86
	Jan 2013	5	3	7650.44	88
	Feb 2013	5	3	7651.22	90
	Mar 2013	8	3	7653.17	95
	Apr 2013	22	10	7657.64	106
	May 2013	69	65	7659.16	110

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Managing Water in the West

June 2011 24-Month Study

Most Probable Inflow*

Navajo Reservoir

	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azetea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Farmington Flow (1000 Ac-Ft)
*	Jun 2010	152	27	116	5	40	33	6074.50	1544	118
H	Jul 2010	15	2	39	5	47	58	6069.52	1474	72
I	Aug 2010	39	2	52	4	35	41	6067.48	1446	69
S	Sep 2010	24	1	39	3	25	45	6064.97	1412	57
	WY 2010	**855**	**89**	**753**	**29**	**202**	**423**			**802**
T	Oct 2010	24	0	26	2	8	36	6063.49	1393	46
O	Nov 2010	17	0	12	1	1	29	6062.08	1374	46
R	Dec 2010	23	0	19	1	1	30	6061.11	1362	42
I	Jan 2011	16	0	13	1	1	31	6059.58	1342	50
C	Feb 2011	18	0	15	1	1	28	6058.41	1328	45
A	Mar 2011	41	2	35	2	4	31	6058.28	1326	46
L	Apr 2011	115	14	84	2	19	31	6060.75	1357	44
*	May 2011	172	22	134	4	28	32	6066.13	1428	85
	Jun 2011	215	34	166	4	42	110	6066.86	1438	110
	Jul 2011	45	4	57	5	45	32	6065.04	1413	32
	Aug 2011	25	0	45	4	38	49	6061.54	1368	49
	Sep 2011	30	3	40	3	22	32	6060.28	1351	32
	WY 2011	**742**	**80**	**647**	**28**	**210**	**470**			**626**
	Oct 2011	35	0	37	2	8	31	6060.03	1348	31
	Nov 2011	33	0	29	1	0	30	6059.90	1347	30
	Dec 2011	24	0	22	1	0	31	6059.19	1337	31
	Jan 2012	22	0	21	1	0	31	6058.37	1327	31
	Feb 2012	30	0	30	1	0	28	6058.46	1328	28
	Mar 2012	88	1	83	2	4	52	6060.47	1354	52
	Apr 2012	174	16	138	3	17	56	6065.36	1417	56
	May 2012	279	35	231	4	29	121	6071.04	1495	121
	Jun 2012	246	27	208	5	44	182	6069.43	1473	182
	Jul 2012	74	4	81	5	47	37	6068.88	1465	37
	Aug 2012	43	2	60	4	40	42	6067.02	1440	42
	Sep 2012	42	1	53	3	22	36	6066.42	1432	36
	WY 2012	**1091**	**85**	**994**	**29**	**210**	**675**			**675**
	Oct 2012	40	0	40	2	8	31	6066.36	1431	31
	Nov 2012	33	0	31	1	0	30	6066.34	1431	30
	Dec 2012	24	0	22	1	0	31	6065.67	1422	31
	Jan 2013	22	0	20	1	0	31	6064.79	1410	31
	Feb 2013	30	0	29	1	0	27	6064.84	1411	27
	Mar 2013	88	1	83	2	4	31	6068.27	1457	31
	Apr 2013	174	16	146	3	17	34	6074.88	1550	34
	May 2013	279	35	239	4	29	200	6075.30	1556	200

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Managing Water in the West

June 2011 24-Month Study

Most Probable Inflow*

Lake Powell

	Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry (1000 Ac-Ft)
*	Jun 2010	2776	2321	53	601	0	601	3638.82	17994	15864	612
H	Jul 2010	674	706	65	802	0	802	3636.52	18100	15596	824
I	Aug 2010	504	608	64	802	0	802	3634.55	18070	15369	826
S	Sep 2010	277	461	58	480	0	480	3633.66	18095	15267	490
	WY 2010	**8634**	**8674**	**444**	**8234**	**0**	**8235**				**8419**
T	Oct 2010	362	512	41	495	0	495	3634.08	18023	15315	502
O	Nov 2010	438	474	39	810	0	810	3630.31	18075	14888	826
R	Dec 2010	416	446	30	847	0	847	3626.54	18063	14469	865
I	Jan 2011	381	429	9	997	0	997	3620.55	18133	13822	1015
C	Feb 2011	317	377	10	964	0	964	3614.95	18123	13235	984
A	Mar 2011	579	581	16	1033	0	1033	3610.73	18086	12804	1055
L	Apr 2011	977	937	25	940	0	940	3611.93	17937	12926	965
*	May 2011	2167	2194	30	1171	0	1171	3623.13	17757	14098	1207
	Jun 2011	6100	5413	55	1369	0	1369	3654.57	18075	17791	1369
	Jul 2011	3300	3022	75	1465	0	1465	3665.05	18185	19163	1465
	Aug 2011	950	1081	77	1465	0	1465	3661.86	18151	18737	1465
	Sep 2011	667	821	70	883	0	883	3660.94	18141	18616	883
	WY 2011	**16654**	**16287**	**475**	**12440**	**0**	**12440**				**12600**
	Oct 2011	630	726	48	912	0	912	3659.29	18124	18399	912
	Nov 2011	523	594	45	1200	0	1200	3654.61	18076	17796	1200
	Dec 2011	414	564	35	1400	0	1400	3648.17	18011	16989	1400
	Jan 2012	384	519	11	1390	0	1390	3641.43	17946	16173	1390
	Feb 2012	398	494	11	1000	0	1000	3637.37	17907	15694	1000
	Mar 2012	628	607	19	800	0	800	3635.68	17892	15499	800
	Apr 2012	950	806	29	900	0	900	3634.69	17883	15385	900
	May 2012	2161	1805	35	1010	0	1010	3640.72	17939	16088	1010
	Jun 2012	2811	2324	57	1100	0	1100	3649.62	18025	17168	1100
	Jul 2012	1346	1285	70	1200	0	1200	3649.73	18026	17182	1200
	Aug 2012	566	771	69	1150	0	1150	3646.36	17993	16766	1150
	Sep 2012	460	599	63	714	0	714	3645.00	17980	16601	714
	WY 2012	**11270**	**11094**	**493**	**12776**	**0**	**12776**				**12776**
	Oct 2012	514	596	43	738	0	738	3643.58	17966	16430	738
	Nov 2012	523	584	41	800	0	800	3641.59	17947	16192	800
	Dec 2012	414	555	33	900	0	900	3638.63	17919	15842	900
	Jan 2013	384	514	10	900	0	900	3635.48	17890	15476	900
	Feb 2013	398	478	11	800	0	800	3632.78	17865	15167	800
	Mar 2013	628	581	18	600	0	600	3632.48	17862	15132	600
	Apr 2013	950	780	29	800	0	800	3632.08	17859	15087	800
	May 2013	2161	1886	35	850	0	850	3640.10	17933	16014	850

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June 2011 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Glen Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Jun 2010	601	30	55	1007	16.9	27	1006	686	1089.30	10556
H	Jul 2010	802	29	68	941	15.3	33	937	673	1086.97	10357
I	Aug 2010	802	126	72	829	13.5	33	823	673	1086.91	10352
S	Sep 2010	480	82	59	758	12.7	23	755	656	1083.81	10092
	WY 2010	**8235**	**928**	**564**	**9260**		**235**	**9039**			
T	Oct 2010	495	80	42	638	10.4	24	607	648	1082.36	9971
O	Nov 2010	810	13	42	800	13.4	18	795	646	1081.94	9936
R	Dec 2010	847	248	37	660	10.7	9	630	670	1086.30	10301
I	Jan 2011	997	75	31	540	8.8	9	526	700	1091.73	10765
C	Feb 2011	964	84	29	635	11.4	9	616	723	1095.78	11117
A	Mar 2011	1033	77	33	1006	16.4	15	1002	726	1096.39	11170
L	Apr 2011	940	140	40	1078	18.1	20	1066	722	1095.76	11115
*	May 2011	1171	105	47	1001	16.3	26	997	735	1097.90	11304
	Jun 2011	1369	23	57	960	16.1	23	960	756	1101.59	11634
	Jul 2011	1465	50	73	930	15.1	25	930	786	1106.62	12092
	Aug 2011	1465	109	79	806	13.1	27	806	826	1113.26	12713
	Sep 2011	883	70	67	640	10.7	19	640	840	1115.51	12927
	WY 2011	**12440**	**1073**	**577**	**9693**		**223**	**9576**			
	Oct 2011	912	59	49	446	7.2	23	446	868	1119.92	13353
	Nov 2011	1200	48	50	641	10.8	22	641	901	1125.04	13855
	Dec 2011	1400	99	45	552	9.0	17	552	955	1133.24	14686
	Jan 2012	1390	76	38	708	11.5	20	708	997	1139.54	15344
	Feb 2012	1000	92	35	729	12.7	18	729	1016	1142.28	15635
	Mar 2012	800	80	39	1033	16.8	24	1033	1003	1140.37	15431
	Apr 2012	900	60	49	1156	19.4	20	1156	987	1138.01	15183
	May 2012	1010	49	56	993	16.2	31	993	986	1137.82	15163
	Jun 2012	1100	23	67	860	14.5	26	860	996	1139.33	15322
	Jul 2012	1200	50	85	901	14.7	28	901	1010	1141.42	15543
	Aug 2012	1150	109	91	822	13.4	31	822	1030	1144.17	15838
	Sep 2012	714	70	76	676	11.4	22	676	1030	1144.26	15848
	WY 2012	**12776**	**815**	**680**	**9516**		**283**	**9516**			
	Oct 2012	738	59	56	463	7.5	26	463	1046	1146.43	16085
	Nov 2012	800	48	56	573	9.6	25	573	1057	1148.08	16266
	Dec 2012	900	99	49	558	9.1	21	558	1080	1151.22	16615
	Jan 2013	900	76	41	709	11.5	20	709	1093	1152.94	16809
	Feb 2013	800	92	38	715	12.9	18	715	1100	1153.93	16922
	Mar 2013	600	80	42	1053	17.1	24	1053	1073	1150.28	16510
	Apr 2013	800	60	51	1142	19.2	20	1142	1052	1147.28	16178
	May 2013	850	49	58	1031	16.8	31	1031	1038	1145.39	15971

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June 2011 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Jun 2010	1007	-23	25	912	0	912	15.3	643.98	1726
H	Jul 2010	941	-14	26	913	0	913	14.8	643.57	1714
I	Aug 2010	829	-12	23	838	0	838	13.6	641.95	1670
S	Sep 2010	758	-2	18	833	0	833	14.0	638.40	1575
	WY 2010	**9260**	**-172**	**197**	**8816**	**0**	**8816**			
T	Oct 2010	638	6	15	766	0	766	12.5	633.10	1437
O	Nov 2010	800	-29	10	631	0	631	10.6	638.09	1567
R	Dec 2010	660	-15	9	553	0	553	9.0	641.21	1650
I	Jan 2011	540	-7	10	502	0	502	8.2	641.95	1670
C	Feb 2011	635	-10	10	586	0	586	10.5	643.01	1699
A	Mar 2011	1006	-11	13	976	0	976	15.9	643.23	1705
L	Apr 2011	1078	-13	17	1047	0	1047	17.6	643.30	1707
*	May 2011	1001	-10	22	949	0	949	15.4	644.04	1727
	Jun 2011	960	-6	26	957	0	957	16.1	643.00	1699
	Jul 2011	930	1	25	919	0	919	14.9	642.50	1685
	Aug 2011	806	-5	23	805	0	805	13.1	641.50	1658
	Sep 2011	640	1	18	716	0	716	12.0	638.00	1564
	WY 2011	**9693**	**-98**	**198**	**9408**	**0**	**9408**			
	Oct 2011	446	3	15	564	0	564	9.2	633.00	1434
	Nov 2011	641	-10	10	570	0	570	9.6	635.00	1486
	Dec 2011	552	-13	9	432	0	432	7.0	638.71	1583
	Jan 2012	708	-17	10	598	0	598	9.7	641.80	1666
	Feb 2012	729	-6	10	714	0	714	12.4	641.80	1666
	Mar 2012	1033	-15	13	971	0	971	15.8	643.05	1700
	Apr 2012	1156	-15	17	1125	0	1125	18.9	643.00	1699
	May 2012	993	-10	22	961	0	961	15.6	643.00	1699
	Jun 2012	860	-6	25	856	0	856	14.4	642.00	1671
	Jul 2012	901	1	25	890	0	890	14.5	641.50	1658
	Aug 2012	822	-5	23	795	0	795	12.9	641.50	1658
	Sep 2012	676	1	18	752	0	752	12.6	638.00	1564
	WY 2012	**9516**	**-91**	**197**	**9228**	**0**	**9228**			
	Oct 2012	463	3	15	581	0	581	9.5	633.00	1434
	Nov 2012	573	-10	10	502	0	502	8.4	635.00	1486
	Dec 2012	558	-13	9	438	0	438	7.1	638.71	1583
	Jan 2013	709	-17	10	600	0	600	9.8	641.80	1666
	Feb 2013	715	-6	10	700	0	700	12.6	641.80	1666
	Mar 2013	1053	-15	13	991	0	991	16.1	643.05	1700
	Apr 2013	1142	-15	17	1111	0	1111	18.7	643.00	1699
	May 2013	1031	-10	22	998	0	998	16.2	643.00	1699

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2100

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2011 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	Jun 2010	912	23	16	650	10.9	91	171	448.64	592	113	1.9
H	Jul 2010	913	17	17	743	12.1	107	50	448.61	592	126	2.1
I	Aug 2010	838	21	17	646	10.5	108	84	448.20	584	101	1.6
S	Sep 2010	833	17	15	583	9.8	98	171	446.95	560	93	1.6
	WY 2010	**8816**	**318**	**140**	**6298**		**1043**	**1572**			**1619**	
T	Oct 2010	766	25	12	465	7.6	102	166	449.14	602	106	1.7
O	Nov 2010	631	38	9	428	7.2	98	159	447.59	572	114	1.9
R	Dec 2010	553	33	7	290	4.7	93	183	448.10	582	147	2.4
I	Jan 2011	502	8	6	391	6.4	52	89	446.40	550	141	2.3
C	Feb 2011	586	15	8	415	7.5	22	135	447.29	567	173	3.1
A	Mar 2011	976	1	9	694	11.3	71	181	448.06	581	198	3.2
L	Apr 2011	1047	19	11	786	13.2	71	180	448.54	590	204	3.4
*	May 2011	949	18	13	691	11.2	83	166	448.68	593	115	1.9
	Jun 2011	957	9	16	683	11.5	96	162	448.50	589	120	2.0
	Jul 2011	919	15	17	737	12.0	99	77	448.00	580	121	2.0
	Aug 2011	805	18	17	628	10.2	99	76	447.50	571	93	1.5
	Sep 2011	716	15	15	532	8.9	83	106	446.81	557	89	1.5
	WY 2011	**9408**	**213**	**140**	**6740**		**969**	**1680**			**1620**	
	Oct 2011	564	20	12	439	7.1	19	116	446.31	548	68	1.1
	Nov 2011	570	26	8	379	6.4	18	181	446.50	552	109	1.8
	Dec 2011	432	21	6	282	4.6	21	138	446.50	552	118	1.9
	Jan 2012	598	15	6	342	5.6	96	165	446.50	552	122	2.0
	Feb 2012	714	6	8	464	8.1	86	156	446.50	552	153	2.7
	Mar 2012	971	22	9	702	11.4	96	174	446.70	555	208	3.4
	Apr 2012	1125	18	11	827	13.9	93	166	448.70	593	200	3.4
	May 2012	961	13	13	696	11.3	96	159	448.70	593	111	1.8
	Jun 2012	856	9	16	653	11.0	93	90	448.70	593	112	1.9
	Jul 2012	890	15	17	719	11.7	96	72	448.00	580	118	1.9
	Aug 2012	795	18	17	629	10.2	96	68	447.50	571	92	1.5
	Sep 2012	752	15	15	540	9.1	69	148	446.81	557	89	1.5
	WY 2012	**9228**	**199**	**139**	**6670**		**877**	**1632**			**1501**	
	Oct 2012	581	20	12	452	7.3	26	113	446.31	548	72	1.2
	Nov 2012	502	26	8	371	6.2	27	111	446.50	552	105	1.8
	Dec 2012	438	21	6	295	4.8	27	125	446.50	552	118	1.9
	Jan 2013	600	15	6	356	5.8	106	142	446.50	552	122	2.0
	Feb 2013	700	6	8	461	8.3	96	136	446.50	552	153	2.8
	Mar 2013	991	22	9	708	11.5	106	179	446.70	555	208	3.4
	Apr 2013	1111	18	11	796	13.4	103	173	448.70	593	200	3.4
	May 2013	998	13	13	703	11.4	106	179	448.70	593	111	1.8

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2011 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Jun 2010	1007	16.9	1089.30	10556	-431	442.32	1556.0	390.5	94	387.7
H	Jul 2010	941	15.3	1086.97	10357	-198	441.50	1640.0	360.3	100	382.9
I	Aug 2010	829	13.5	1086.91	10352	-5	443.45	1617.0	313.3	100	378.0
S	Sep 2010	758	12.7	1083.81	10092	-261	439.46	1617.0	285.1	100	375.9
	WY 2010	**9260**							**3588.7**		
T	Oct 2010	638	10.4	1082.36	9971	-121	440.25	1104.0	241.3	68	378.5
O	Nov 2010	800	13.4	1081.94	9936	-35	437.87	1185.0	305.1	74	381.4
R	Dec 2010	660	10.7	1086.30	10301	365	439.05	1388.0	246.5	87	373.5
I	Jan 2011	540	8.8	1091.73	10765	463	446.84	1103.0	200.9	69	372.4
C	Feb 2011	635	11.4	1095.78	11117	353	447.78	1414.0	244.7	88	385.7
A	Mar 2011	1006	16.4	1096.39	11170	54	449.79	1232.0	398.2	75	395.8
L	Apr 2011	1078	18.1	1095.76	11115	-55	449.53	1157.0	430.9	70	399.6
*	May 2011	1001	16.3	1097.90	11304	189	452.71	1468.0	394.5	88	393.9
	Jun 2011	960	16.1	1101.59	11634	330	445.77	1661.0	380.0	100	396.0
	Jul 2011	930	15.1	1106.62	12092	458	450.59	1719.0	375.8	100	404.0
	Aug 2011	806	13.1	1113.26	12713	621	456.88	1756.0	330.9	100	410.8
	Sep 2011	640	10.7	1115.51	12927	214	462.77	1769.0	258.5	100	404.1
	WY 2011	**9693**							**3807.5**		
	Oct 2011	446	7.2	1119.92	13353	426	470.32	1448.0	182.2	81	408.8
	Nov 2011	641	10.8	1125.04	13855	502	477.61	1320.0	269.3	73	420.1
	Dec 2011	552	9.0	1133.24	14686	831	482.18	1365.0	230.4	74	417.5
	Jan 2012	708	11.5	1139.54	15344	658	487.88	1255.0	306.7	68	433.4
	Feb 2012	729	12.7	1142.28	15635	291	491.39	1256.0	322.5	68	442.3
	Mar 2012	1033	16.8	1140.37	15431	-204	489.96	1484.0	453.5	81	439.1
	Apr 2012	1156	19.4	1138.01	15183	-249	486.70	1588.0	512.8	87	443.8
	May 2012	993	16.2	1137.82	15163	-20	484.06	1810.0	423.2	100	426.0
	Jun 2012	860	14.5	1139.33	15322	159	485.05	1820.0	376.2	100	437.5
	Jul 2012	901	14.7	1141.42	15543	222	487.33	1831.0	388.0	100	430.6
	Aug 2012	822	13.4	1144.17	15838	295	489.91	1846.0	359.2	100	436.9
	Sep 2012	676	11.4	1144.26	15848	9	492.47	1847.0	289.6	100	428.7
	WY 2012	**9516**							**4113.8**		
	Oct 2012	463	7.5	1146.43	16085	237	496.79	1683.0	197.8	90	426.9
	Nov 2012	573	9.6	1148.08	16266	182	502.34	1350.5	250.2	73	436.6
	Dec 2012	558	9.1	1151.22	16615	349	502.65	1384.3	241.0	74	431.9
	Jan 2013	709	11.5	1152.94	16809	194	503.54	1268.7	315.4	68	444.8
	Feb 2013	715	12.9	1153.93	16922	114	503.90	1265.5	323.7	68	452.6
	Mar 2013	1053	17.1	1150.28	16510	-413	500.72	1505.0	472.5	81	448.7
	Apr 2013	1142	19.2	1147.28	16178	-332	496.27	1627.4	514.3	87	450.5
	May 2013	1031	16.8	1145.39	15971	-207	492.46	1860.0	448.3	100	434.8

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2011 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Jun 2010	912	15.3	643.98	1726	46	140.66	255.0	115.5	100	126.6
H	Jul 2010	913	14.8	643.57	1714	-11	141.98	242.3	115.3	95	126.4
I	Aug 2010	838	13.6	641.95	1670	-44	140.67	255.0	105.9	100	126.4
S	Sep 2010	833	14.0	638.40	1575	-95	137.24	255.0	102.6	100	123.1
	WY 2010	**8816**							**1104.5**		
T	Oct 2010	766	12.5	633.10	1437	-138	129.52	209.1	92.1	82	120.2
O	Nov 2010	631	10.6	638.09	1567	130	137.83	153.0	77.2	60	122.5
R	Dec 2010	553	9.0	641.21	1650	84	141.87	168.3	67.8	66	122.6
I	Jan 2011	502	8.2	641.95	1670	20	140.42	153.0	63.3	60	125.9
C	Feb 2011	586	10.5	643.01	1699	29	139.78	181.1	73.6	71	125.6
A	Mar 2011	976	15.9	643.23	1705	6	138.82	204.0	123.0	80	126.0
L	Apr 2011	1047	17.6	643.30	1707	2	141.68	227.0	131.6	89	125.7
*	May 2011	949	15.4	644.04	1727	20	142.61	255.0	120.3	100	126.8
	Jun 2011	957	16.1	643.00	1699	-29	136.56	255.0	120.0	100	125.4
	Jul 2011	919	14.9	642.50	1685	-14	135.78	255.0	114.9	100	125.1
	Aug 2011	805	13.1	641.50	1658	-27	134.99	255.0	100.7	100	125.0
	Sep 2011	716	12.0	638.00	1564	-94	132.62	255.0	88.3	100	123.3
	WY 2011	**9408**							**1172.7**		
	Oct 2011	564	9.2	633.00	1434	-130	128.65	237.2	68.0	93	120.5
	Nov 2011	570	9.6	635.00	1486	51	127.14	234.6	67.8	92	119.0
	Dec 2011	432	7.0	638.71	1583	97	130.00	239.7	53.0	94	122.6
	Jan 2012	598	9.7	641.80	1666	83	134.16	219.3	74.6	86	124.6
	Feb 2012	714	12.4	641.80	1666	0	135.05	244.8	89.3	96	125.0
	Mar 2012	971	15.8	643.05	1700	34	135.44	255.0	120.9	100	124.5
	Apr 2012	1125	18.9	643.00	1699	-2	136.07	255.0	139.7	100	124.2
	May 2012	961	15.6	643.00	1699	0	136.04	255.0	120.2	100	125.1
	Jun 2012	856	14.4	642.00	1671	-27	135.51	255.0	107.0	100	125.0
	Jul 2012	890	14.5	641.50	1658	-14	134.73	255.0	110.7	100	124.3
	Aug 2012	795	12.9	641.50	1658	0	134.46	255.0	99.0	100	124.6
	Sep 2012	752	12.6	638.00	1564	-94	132.62	255.0	92.6	100	123.1
	WY 2012	**9228**							**1142.7**		
	Oct 2012	581	9.5	633.00	1434	-130	128.65	237.2	70.0	93	120.4
	Nov 2012	502	8.4	635.00	1486	51	127.14	234.6	60.0	92	119.5
	Dec 2012	438	7.1	638.71	1583	97	130.00	239.7	53.7	94	122.6
	Jan 2013	600	9.8	641.80	1666	83	134.16	219.3	74.7	86	124.6
	Feb 2013	700	12.6	641.80	1666	0	135.05	244.8	87.5	96	125.0
	Mar 2013	991	16.1	643.05	1700	34	135.44	255.0	123.3	100	124.4
	Apr 2013	1111	18.7	643.00	1699	-2	136.07	255.0	138.1	100	124.2
	May 2013	998	16.2	643.00	1699	0	136.04	255.0	124.7	100	124.9

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2011 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Jun 2010	650	10.9	448.64	592	-4	80.58	120.0	46.4	100	71.3
H	Jul 2010	743	12.1	448.61	592	-1	82.51	120.0	50.9	100	68.4
I	Aug 2010	646	10.5	448.20	584	-8	81.98	120.0	44.7	100	69.2
S	Sep 2010	583	9.8	446.95	560	-24	80.89	103.2	41.6	86	71.4
	WY 2010	**6298**							**436.8**		
T	Oct 2010	465	7.6	449.14	602	42	82.79	90.0	31.4	75	67.4
O	Nov 2010	428	7.2	447.59	572	-30	79.41	91.2	30.4	76	71.1
R	Dec 2010	290	4.7	448.10	582	10	82.60	104.4	19.7	87	67.9
I	Jan 2011	391	6.4	446.40	550	-32	80.10	97.2	26.8	81	68.6
C	Feb 2011	415	7.5	447.29	567	17	76.83	90.0	29.3	75	70.7
A	Mar 2011	694	11.3	448.06	581	15	80.18	112.8	47.4	94	68.4
L	Apr 2011	786	13.2	448.54	590	9	82.13	120.0	54.4	100	69.1
*	May 2011	691	11.2	448.68	593	3	80.58	120.0	47.9	100	69.3
	Jun 2011	683	11.5	448.50	589	-4	75.94	120.0	45.3	100	66.4
	Jul 2011	737	12.0	448.00	580	-9	75.61	120.0	48.8	100	66.2
	Aug 2011	628	10.2	447.50	571	-10	75.13	120.0	41.2	100	65.6
	Sep 2011	532	8.9	446.81	557	-13	74.55	120.0	34.5	100	64.8
	WY 2011	**6740**							**457.1**		
	Oct 2011	439	7.1	446.31	548	-9	74.77	102.0	28.3	85	64.5
	Nov 2011	379	6.4	446.50	552	3	74.62	102.0	24.3	85	64.1
	Dec 2011	282	4.6	446.50	552	0	74.71	102.0	17.7	85	62.9
	Jan 2012	342	5.6	446.50	552	0	74.71	102.0	21.7	85	63.7
	Feb 2012	464	8.1	446.50	552	0	73.92	120.0	29.8	100	64.1
	Mar 2012	702	11.4	446.70	555	4	74.01	120.0	45.6	100	64.9
	Apr 2012	827	13.9	448.70	593	38	75.08	120.0	54.6	100	66.1
	May 2012	696	11.3	448.70	593	0	76.05	120.0	46.2	100	66.5
	Jun 2012	653	11.0	448.70	593	0	76.05	120.0	43.3	100	66.4
	Jul 2012	719	11.7	448.00	580	-13	75.71	120.0	47.7	100	66.3
	Aug 2012	629	10.2	447.50	571	-10	75.13	120.0	41.2	100	65.6
	Sep 2012	540	9.1	446.81	557	-13	74.55	120.0	35.0	100	64.9
	WY 2012	**6670**							**435.5**		
	Oct 2012	452	7.3	446.31	548	-9	74.77	102.0	29.2	85	64.6
	Nov 2012	371	6.2	446.50	552	3	74.62	102.0	23.8	85	64.0
	Dec 2012	295	4.8	446.50	552	0	74.71	102.0	18.6	85	63.1
	Jan 2013	356	5.8	446.50	552	0	74.71	102.0	22.7	85	63.8
	Feb 2013	461	8.3	446.50	552	0	73.92	120.0	29.6	100	64.2
	Mar 2013	708	11.5	446.70	555	4	74.01	120.0	45.9	100	64.9
	Apr 2013	796	13.4	448.70	593	38	75.08	120.0	52.5	100	66.0
	May 2013	703	11.4	448.70	593	0	76.05	120.0	46.7	100	66.5

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2011 24-Month Study

Most Probable Inflow*

Upper Basin Power

	Date	Glen Canyon 1000 MWHR	Flaming Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Reservoir 1000 MWHR	Fontenelle Reservoir 1000 MWHR
*	Jun 2010	272	54	15	22	18	4
H	Jul 2010	368	38	30	34	20	8
I	Aug 2010	366	40	27	33	19	6
S	Sep 2010	217	42	25	32	19	2
	Summer 2010	**1755**	**231**	**142**	**186**	**109**	**25**
T	Oct 2010	226	30	24	29	16	0
O	Nov 2010	369	24	7	9	4	4
R	Dec 2010	382	26	8	9	4	4
I	Jan 2011	445	26	8	9	4	4
C	Feb 2011	425	26	12	15	4	3
A	Mar 2011	453	23	21	26	15	4
	Winter 2011	**2299**	**156**	**79**	**97**	**48**	**19**
L	Apr 2011	415	65	26	37	21	5
*	May 2011	520	105	44	66	23	5
	Jun 2011	584	103	51	76	22	8
	Jul 2011	650	99	38	48	23	10
	Aug 2011	653	41	38	45	23	10
	Sep 2011	392	40	36	43	22	3
	Summer 2011	**3214**	**454**	**234**	**314**	**135**	**41**
	Oct 2011	404	41	23	28	15	6
	Nov 2011	528	40	14	17	9	6
	Dec 2011	610	41	27	34	17	6
	Jan 2012	599	41	23	29	15	5
	Feb 2012	426	38	18	23	12	5
	Mar 2012	339	41	11	15	8	4
	Winter 2012	**2907**	**243**	**116**	**147**	**76**	**32**
	Apr 2012	381	40	14	21	12	5
	May 2012	429	41	30	46	23	6
	Jun 2012	474	40	21	32	22	9
	Jul 2012	522	57	35	42	23	10
	Aug 2012	498	74	38	45	23	8
	Sep 2012	308	38	35	42	21	7
	Summer 2012	**2612**	**291**	**172**	**228**	**125**	**45**
	Oct 2012	318	40	22	27	14	7
	Nov 2012	343	38	12	16	8	6
	Dec 2012	384	39	26	32	16	6
	Jan 2013	382	39	23	29	15	6
	Feb 2013	338	36	16	21	11	5
	Mar 2013	253	39	10	14	8	5
	Winter 2013	**1765**	**192**	**98**	**124**	**64**	**30**
	Apr 2013	337	38	14	21	12	5
	May 2013	360	40	32	48	23	7

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Model Run ID: 2100

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2011 24-Month Study

Most Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions

Date	Flaming George KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Total KAF	Flaming George KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****EFFECTIVE SPACE****										
Jun 2011	824	336	268	10224	11652	16073	27726	620	336	82	1038	10224	16073	27336	1500	960	0	37.7
Jul 2011	467	94	258	6531	7350	15743	23093	242	72	25	339	6531	15743	22613	1500	930	0	39.8
								****CREDITABLE SPACE****										
Aug 2011	247	27	283	5159	5715	15285	21001	247	27	283	556	5159	15285	21001	1500	806	0	39.8
Sep 2011	281	63	328	5585	6258	14664	20922	281	63	328	673	5585	14664	20922	2270	640	0	39.7
Oct 2011	345	132	345	5706	6528	14450	20978	345	132	345	822	5706	14450	20978	3040	446	0	39.6
Nov 2011	406	168	348	5923	6845	14024	20869	406	168	348	922	5923	14024	20869	3810	641	0	39.5
Dec 2011	467	183	349	6526	7525	13522	21047	467	183	349	999	6526	13522	21047	4580	552	0	39.5
Jan 2012	544	248	359	7333	8483	12691	21174	544	248	359	1151	7333	12691	21174	5350	708	0	39.3
								****EFFECTIVE SPACE****										
Jan 2012	544	248	359	7333	8483	12691	21174	401	248	287	936	7333	12691	20959	5350	708	0	39.3
Feb 2012	616	302	369	8149	9435	12033	21468	472	302	296	1070	8149	12033	21251	1500	729	0	39.0
Mar 2012	677	339	368	8628	10012	11742	21754	531	339	294	1165	8628	11742	21534	1500	1033	0	38.6
Apr 2012	689	341	342	8823	10196	11946	22141	540	341	263	1143	8823	11946	21913	1500	1156	0	38.4
May 2012	662	317	279	8937	10194	12194	22389	506	317	180	1003	8937	12194	22134	1500	993	0	39.4
Jun 2012	520	219	201	8234	9175	12214	21389	353	214	70	637	8234	12214	21086	1500	860	0	41.1
Jul 2012	251	38	223	7154	7665	12055	19721	63	11	44	118	7154	12055	19327	1500	901	0	41.4
								****CREDITABLE SPACE****										
Aug 2012	204	27	231	7140	7602	11834	19436	204	27	231	462	7140	11834	19436	1500	822	0	41.0
Sep 2012	319	77	256	7556	8208	11539	19747	319	77	256	653	7556	11539	19747	2270	676	0	40.6
Oct 2012	377	146	264	7721	8508	11529	20037	377	146	264	787	7721	11529	20037	3040	463	0	40.4
Nov 2012	433	178	265	7892	8768	11292	20061	433	178	265	876	7892	11292	20061	3810	573	0	40.4
Dec 2012	490	187	265	8130	9073	11111	20184	490	187	265	943	8130	11111	20184	4580	558	0	40.3
Jan 2013	563	248	274	8480	9566	10762	20328	563	248	274	1086	8480	10762	20328	5350	709	0	40.1
								****EFFECTIVE SPACE****										
Jan 2013	563	248	274	8480	9566	10762	20328	479	248	235	962	8480	10762	20204	5350	709	0	40.1
Feb 2013	631	301	286	8846	10065	10568	20633	546	301	246	1093	8846	10568	20507	1500	715	0	39.8
Mar 2013	684	332	285	9155	10456	10455	20911	597	332	244	1173	9155	10455	20782	1500	1053	0	39.5
Apr 2013	692	332	239	9190	10453	10867	21321	601	332	192	1125	9190	10867	21182	1500	1142	0	39.3
May 2013	661	308	146	9235	10350	11199	21549	562	308	80	950	9235	11199	21384	1500	1031	0	40.2

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2100

Processed On: 6/15/2011 8:01:02AM

July 24-Month Study
Date: July 11, 2011

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

Reservoir	June Inflow (unregulated) (acre-feet)	Percent of Average (%)	July 10 Midnight Elevation (feet)	Reservoir Storage (acre-feet)
Fontenelle	429,000	120	6494.50	259,000
Flaming Gorge	667,000	142	6031.73	3,416,000
Blue Mesa	425,000	145	7517.33	811,000
Navajo	254,000	99	6068.19	1,456,000
Powell	5,406,000	175	3655.23	17,876,000

Expected Operations

The operation of Lake Powell and Lake Mead in this July 2011 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines), and reflects the 2011 Annual Operating Plan (AOP). Pursuant to the Interim Guidelines, the Lake Powell operational tier for water year 2011 is the Upper Elevation Balancing Tier. The Intentionally Created Surplus (ICS) Surplus condition is the criterion governing the operation of Lake Mead for calendar year 2011.

The April 2011 24-Month study projected the September 30 Lake Powell elevation to be greater than the 2011 Equalization elevation of 3,643.0 feet with an annual release from Lake Powell of 8.23 maf. Consistent with Section 6.B.3 of the Interim Guidelines, the Equalization Tier governs operations of Lake Powell for the remainder of the water year.

The July 24-Month Study projects a Lake Powell WY 2011 annual release volume of 12.45 maf. Due to recent increases to the inflow forecast for Lake Powell, Equalization may not be fully achieved by the end of the water year. The projected Lake Powell releases will be updated each month to reflect changing hydrology in order to achieve the operation specified by the Equalization Tier.

The Interim Guidelines are available for download at http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The 2011 AOP is available for download at http://www.usbr.gov/uc/water/rsvrs/ops/aop/AOP11_final.pdf.

Fontenelle Reservoir – Inflows for the month of June were 429,000 acre-feet, or 120% of average. The reservoir elevation is 6490.8 feet above sea level and 68% of capacity. Current inflows are approximately 12,500 cfs and reservoir releases are 8,000 cfs. Snowpack is largely gone and the reservoir is filling quickly.

The Colorado Basin River Forecast Center and Natural Resources Conservation Service have issued the joint water supply forecast for the 2011 spring runoff. The July official forecast for the April to July runoff period is 1163 kaf (135%). Forecasted inflows have been shifted into the August and September time period. It is likely peak inflows are currently underway and releases will be decreased in late July. Note that these projections are provisional and subject to change as forecasts are updated and actual inflows are realized. Inflows are forecasted to be significantly above average in June and July and below average in August: 480,000 acre-ft (226%) for July, and 160,000 acre-ft (176%) for August and 80,000 acre-feet (151%) for September.

The next Fontenelle Working Group meeting is scheduled for August 18, 2011 at 10:00 am at the Joint Powers Water Board water treament plant boardroom in Green River, Wyoming. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir.

Flaming Gorge Reservoir – Unregulated inflow into Flaming Gorge Reservoir during the month of June was 668,000 acre-feet (AF), or 142 percent of average inflow. The Yampa River and resulting flows on the Green River at Jensen peaked on June 11, 2011. Flows on the Green River above Flaming Gorge Reservoir have increased over the last few weeks. The current forecast shows the current peak inflows into Flaming Gorge Reservoir decreasing next week. However, inflows are forecasted to continue through August/September and elevation levels are expected to continue increasing.

The Colorado Basin River Forecast Center and Natural Resources Conservation Service have issued the joint water supply forecast for the 2011 spring runoff. The Flaming Gorge Reservoir July official forecast for the April to July runoff period is 1,780 kaf (150%).

The Record of Decision targets have been met and current analysis shows meeting the base flow and May 2012 elevation target. Releases will begin decreasing to base flow levels on July 11, 2011. Yampa River flows during the base flow period impact hourly release schedules because flows must remain within 0.1 meter stage change as measured at the USGS stream gage located on the Green River at Jensen, Utah. As the Yampa River flows decrease, the Flaming Gorge release schedule will change.

The next Flaming Gorge Working Group meeting is scheduled for August 23, 2011, at 11:00 a.m. at the Western Park Convention Center, 302 East 200 South, Vernal, Utah. The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stake holders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations and plans presented by Reclamation at these meetings. For more information on this group and these meetings please contact Heather Hermansen at 801-524-3883 or Ed Vidmar at 801-379-1182.

Aspinall Unit Reservoirs – June unregulated inflow into Blue Mesa Reservoir was 425,000 acre-feet or 145 percent of average. Hydrologic conditions in the basin have been relatively dry this last month of June. Precipitation during April, May and June was 160, 115 and 40 percent of average respectively. The basin snowpack has for the most part is totally depleted. The current inflow rate into Blue Mesa Reservoir is about 4,800 cfs while reservoir releases are averaging about 1,000 cfs. For the last couple of weeks, reservoir inflows have peaked and are now slowly decreasing in response to the snowpack melt out. Blue Mesa Reservoir is still raising and most likely will reach its annual peak in the next week or two. Its present elevation is 7514.40 feet, which corresponds to a storage content of about 785,000 acre-feet.

On July 5, 2011, the NWS River Forecast Center issued an updated April through July runoff forecast. The forecast is for 840,000 acre-feet, or 117 percent of normal inflow into Blue Mesa Reservoir. This was a reduction of 50,000 acre-feet from the previous month's forecast.

Releases from Crystal Dam are currently set at 2,050 cfs and are scheduled to slowly increase over the next few days as Blue Mesa comes up to full pool. The Gunnison Diversion Tunnel is currently diverting about 900 cfs, which results in a river flow below the diversion tunnel of approximately 1,150 cfs. As in years past there seems to be about 100 cfs discrepancy between the different gage readings. These reservoir release rates are changing as conditions warrant, primarily as we respond to changes in reservoir inflow rates.

The next meeting of the "Aspinall Unit Working Group" will be held on Thursday, August 26, 2011 at Elk Creek Visitors Center at Blue Mesa Reservoir. At this meeting, review of this spring's reservoir operations, and plans for this summer and fall operations will be discussed. These meetings are open forum discussions on the Aspinall Unit reservoir operations with many interested groups participating. Anyone needing further information about these meetings should contact Dan Crabtree in the Grand Junction Area Office at (970) 248-0652.

Navajo Reservoir - Unregulated inflow into Navajo Reservoir during the month of June was 254,000 acre-feet, or 99 percent of average. Precipitation in San Juan River basin for the month of June was very dry, which averaged only 5 percent of average. Currently,

the daily reservoir inflow is averaging about 1,000 cfs. NIIP diversions are currently set at 750 cfs. The reservoir water surface elevation is currently 6068.51 feet, which corresponds to storage content of about 1,460,000 acre-feet.

On July 5, 2011, the NWS River Forecast Center issued an updated inflow forecast for Navajo Reservoir for the April through July runoff period. This forecast is projecting a volume runoff into the reservoir of 575,000 acre-feet, an increase of 30,000 acre-feet from the June forecast. This represents a 73 percent of average runoff for the Upper San Juan River Basin.

This year's spring peak operations happened over June 8th through June 14th when releases of 5,000 cfs were made. Release flows started to decrease on June 15th and reached 500 cfs on Friday, June 17th.

A public meeting on Navajo Reservoir operations will be held on Tuesday, August 30, 2011 at 1:00 p.m. in Farmington, New Mexico. At this meeting, review of last spring and summer reservoir operations, and plans for this fall and winter 2011/2012 operations will be discussed. These are open forum discussions on the operation of Navajo Reservoir with many interested groups participating. Anyone interested in the general operation of the reservoir is encouraged to attend. Please contact Ryan Christianson in Reclamation's Durango, Colorado Office at (970) 385-6590 for information about these meetings or the daily operation of Navajo Reservoir.

Glen Canyon Dam / Lake Powell – The unregulated inflow volume to Lake Powell for June 2011 was 5.40 maf (175% of average). This was below the forecasted volume for June, which was 6.1 maf (198% of average) but was still the third wettest June on record since the closure of Glen Canyon Dam. The observed inflow to Lake Powell peaked on June 11th and 12th at just over 96,000 cfs. Inflows are now declining but are still averaging about 80,000 cfs (as of July 5, 2011). The forecasted unregulated inflow volume for July was increased from 3.30 maf to 3.53 maf (226% of average) which would be the 3rd wettest July for Lake Powell since the operation of Glen Canyon Dam began in 1963.

The reservoir elevation of Lake Powell has increased significantly so far this runoff season. On April 9, 2011 the elevation of Lake Powell was 3609.7 feet above sea level which was the lowest elevation observed so far in 2011. Since that time, the elevation of Lake Powell has increased by 42.7 feet to 3652.4 feet on July 5, 2011. The elevation is projected to continue to rise and should peak near 3660 by the end of July. The last time Lake Powell's reservoir elevation was at this level was in October of 2001 (over 10 years ago) near the beginning of the recent drought.

Current Dam Operations

Releases from Glen Canyon Dam are approximately 25,400 cfs and are being maintained near steady throughout the day. The release rate is very near the full capacity of the

powerplant. The current release rate and capacity of the powerplant allows for up to 100 MW for reserve generation and 40 MW of system regulation if called upon. As the elevation of Lake Powell increases, the capacity of the powerplant will change and operation of Glen Canyon Dam will be adjusted each day to maximize the steady releases being made from Glen Canyon Dam. It is anticipated that the release volume for July will be approximately 1,465 kaf. The actual release volume for July will largely depend on generation unit efficiencies that occur throughout the month and could be higher or lower than this estimated release volume. The release volume for August will likely be similar to the release volume for July.

While the release rate over the next several months is likely to be steady, the instantaneous releases from Glen Canyon Dam may fluctuate somewhat to provide 40 MW of system regulation. These instantaneous release adjustments maintain stable conditions within the electrical generation and transmission system and result in momentary release fluctuations within a range of about 1100 cfs above or below the targeted hourly release rate. The momentary fluctuations for regulation are very short lived and typically balance out over the hour.

Spinning and non-spinning reserve generation is being maintained at Glen Canyon Dam. In order for Colorado River Storage Project (CRSP) powerplants to participate in the electrical generation and transmissions system, these powerplants must maintain a level of generation capacity available in reserve to assist the local control area for when unanticipated generation outages occur. The current CRSP powerplant reserve requirement is 100 MW (equivalent to approximately 2,675 cfs of release from Glen Canyon Dam). When an electrical outage occurs within the control area, CRSP powerplants can be called upon to provide up to 100 MW of additional generation for up to 2 hours. Under normal circumstances, calls for reserves infrequent and for much less than the required 100 MW. Because Glen Canyon Powerplant is the largest facility of the CRSP powerplants, most of the CRSP reserve requirement is maintained at Glen Canyon Dam.

Annual Operations-Coordinated Operation of Lake Mead and Lake Powell under Interim Guidelines for Water Year 2011

In August of 2010, the 24-Month Study was used to project the January 1, 2010 elevations of Lake Powell and Lake Mead. Based on these projected elevations and pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines), the operating tier for water year 2011 was selected to be Upper Elevation Balancing. Operation of Glen Canyon Dam under Upper Elevation Balancing can result in annual releases as low as 7.0 maf to as high as 13 maf or greater depending on system conditions. The operational outcome of the Upper Elevation Balancing Tier is largely dependent on system conditions at the end of the water year that are projected in the April 24-Month Study.

The April 2011 24-Month Study projected the end of water year elevation for Lake Powell would be above 3643 feet which is the Equalization Level for 2011. For this reason, pursuant to the Interim Guidelines, Equalization will govern the operation of Glen Canyon Dam for the remaining months of water year 2011.

Current Inflow Forecasts and Model Projections

The Water Supply forecast for Lake Powell (April through July Unregulated Inflow Volume) is 12.0 maf (151% of average) and the water year unregulated inflow to Powell for 2011 is projected to be 16.2 maf (135% of average). The unregulated inflow forecasts for Lake Powell over the next 3 months are as follows: July-3,530 kaf (226% of average); August-950 kaf (155% of average): September-670 kaf (141% of average). These forecasts were last updated on July 1, 2011. Incorporating these new forecasts, the projected most probable unregulated inflow for water year 2011 is now 16.2 maf (131% of average). This is the median projection for water year 2011. There is a 50% chance that the actual volume could be higher and there is a 50% the actual volume could be lower than this projected volume.

The July 24-Month Study projects a Lake Powell WY 2011 annual release volume of 12.44 maf. Due to recent increases to the inflow forecast for Lake Powell, Equalization may not be fully achieved by the end of the water year. The projected Lake Powell releases will be updated each month to reflect changing hydrology in order to achieve the operation specified by the Equalization Tier.

Upper Colorado River Basin Hydrology

The Upper Colorado River Basin has experienced a protracted multi-year drought since early 2000. During this drought, the inflows to Lake Powell have been below average in every year except water years 2005, 2008 and likely 2011. In the summer of 1999, Lake Powell was close to full with reservoir storage at 23.5 million acre-feet, or 97 percent of capacity. During the next 5 years (2000 through 2004) unregulated inflow to Lake Powell was well below average. This resulted in Lake Powell storage decreasing during this period to 8.0 million acre-feet (33 percent of capacity) which occurred on April 8, 2005.

During 2005, 2008 and 2009, drought conditions eased somewhat with near or above average inflow conditions and net gains in storage to Lake Powell. This year (2011) will likely be another above average inflow year. As of June 14, 2011 the storage in Lake Powell was approximately 15.51 million acre-feet (63.8 % of capacity) which is still below the desired operating level for this time of year. The overall reservoir storage in the Colorado River Basin as of June 14, 2011 is approximately 34.81 million acre-feet (58.5 % of capacity).

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-430
125 SOUTH STATE STREET, ROOM 6107
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-3709

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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:	Obs			jun	Forecast			Outlook	
:	mar	apr	may	jun	%Avg	jul	aug	sep	apr-jul %Avg
GLDA3:Lake Powell	594	978	2167	5283	172%:	3530/	950/	670/	12000/: 151%
GBRW4:Fontenelle	36	92	161	429	120%:	480/	160/	80/	1163/: 135%
GRNU1:Flaming Gorge	99	159	327	668	142%:	615/	175/	92/	1780/: 150%
BMDC2:Blue Mesa	38	77	168	425	145%:	170/	68/	49/	840/: 117%
MPSC2:Morrow Point	38	84	191	455	144%:	180/	72/	52/	920/: 117%
CLSC2:Crystal	43	92	204	516	142%:	205/	81/	59/	1040/: 114%
TPIC2:Taylor Park	4.6	7.5	22	62	136%:	33/	12.5/	9/	125/: 121%
VCRC2:Vallecito	7.3	22	44	79	97%:	21/	16/	14.5/	167/: 81%
NVRN5:Navajo	41	115	172	254	99%:	36/	25/	32/	575/: 73%
LEMC2:Lemon	1.24	4.3	12.1	24	95%:	4/	4/	3.2/	44/: 76%
MPHC2:McPhee	12.0	46	98	108e	109%:	17.5/	11/	10/	270/: 84%
RBSC2:Ridgway	4.9	9.4	19.3	50e	122%:	30/	/	/	109/: 107%

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2011 24-Month Study

Most Probable Inflow*

Fontenelle Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jul 2010	134	3	91	22	113	6504.39	333
H	Aug 2010	50	2	68	0	68	6501.76	312
I	Sep 2010	29	2	26	35	61	6497.33	279
	WY 2010	**781**	**14**	**530**	**233**	**763**		
S	Oct 2010	31	1	5	55	59	6493.24	250
T	Nov 2010	34	1	53	1	54	6490.17	229
O	Dec 2010	37	1	55	0	55	6487.27	210
R	Jan 2011	29	1	55	0	55	6482.87	183
I	Feb 2011	26	1	50	0	50	6478.35	158
C	Mar 2011	36	1	58	0	58	6473.74	136
A	Apr 2011	92	1	84	15	100	6471.99	128
L	May 2011	161	1	89	79	168	6470.20	120
*	Jun 2011	429	1	87	283	370	6481.96	178
	Jul 2011	480	2	104	314	418	6491.48	238
	Aug 2011	160	2	106	73	178	6488.36	218
	Sep 2011	80	2	38	40	77	6488.52	219
	WY 2011	**1596**	**13**	**784**	**860**	**1643**		
	Oct 2011	70	1	80	0	80	6486.80	207
	Nov 2011	50	1	77	0	77	6482.29	180
	Dec 2011	32	1	80	0	80	6472.80	131
	Jan 2012	30	0	80	0	80	6460.07	81
	Feb 2012	28	0	0	72	72	6444.44	37
	Mar 2012	52	0	0	80	80	6427.24	8
	Apr 2012	89	0	0	83	83	6432.49	14
	May 2012	176	1	0	86	86	6466.22	104
	Jun 2012	307	2	95	114	210	6485.55	199
	Jul 2012	185	2	105	33	138	6492.41	244
	Aug 2012	82	2	88	0	88	6491.34	237
	Sep 2012	48	2	71	0	71	6487.61	213
	WY 2012	**1151**	**11**	**677**	**469**	**1145**		
	Oct 2012	49	1	73	0	73	6483.53	187
	Nov 2012	41	1	71	0	71	6478.13	157
	Dec 2012	32	0	73	0	73	6469.15	116
	Jan 2013	30	0	73	0	73	6457.30	72
	Feb 2013	28	0	0	66	66	6443.14	34
	Mar 2013	52	0	0	73	73	6430.73	12
	Apr 2013	89	0	0	83	83	6435.15	18
	May 2013	176	1	0	104	104	6462.52	90
	Jun 2013	307	2	95	93	187	6486.90	208

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2102

Processed On:7/7/2011 4:01:35PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2011 24-Month Study

Most Probable Inflow*

Flaming Gorge Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	Jul 2010	151	130	13	96	0	96	131	6027.51	3254	195
H	Aug 2010	54	72	12	100	0	100	129	6026.47	3215	135
I	Sep 2010	22	54	10	106	0	106	127	6024.83	3154	127
	WY 2010	**1018**	**1000**	**79**	**1168**	**1**	**1169**				**2764**
S	Oct 2010	32	60	7	77	0	77	126	6024.21	3131	113
T	Nov 2010	31	52	4	63	0	63	125	6023.83	3117	107
O	Dec 2010	45	64	2	68	0	68	125	6023.67	3111	114
R	Jan 2011	44	70	2	68	0	68	125	6023.69	3112	525
I	Feb 2011	36	60	2	67	0	67	125	6023.47	3104	489
C	Mar 2011	98	120	3	59	0	59	127	6024.99	3160	181
A	Apr 2011	159	166	5	172	0	172	127	6024.71	3150	472
L	May 2011	327	334	8	279	47	326	127	6024.73	3150	1108
*	Jun 2011	667	608	10	254	173	427	133	6029.11	3315	1554
	Jul 2011	615	553	14	293	31	325	142	6034.37	3521	325
	Aug 2011	175	193	13	141	0	141	143	6035.29	3558	141
	Sep 2011	92	89	12	137	0	137	141	6033.87	3501	137
	WY 2011	**2323**	**2370**	**81**	**1677**	**251**	**1928**				**5266**
	Oct 2011	82	92	8	141	0	141	139	6032.48	3446	141
	Nov 2011	60	87	4	137	0	137	136	6031.17	3394	137
	Dec 2011	36	84	2	141	0	141	134	6029.69	3337	141
	Jan 2012	41	91	2	141	0	141	132	6028.37	3287	141
	Feb 2012	46	90	2	132	0	132	130	6027.25	3244	132
	Mar 2012	104	132	3	141	0	141	130	6026.93	3232	141
	Apr 2012	142	136	5	137	0	137	130	6026.79	3227	137
	May 2012	265	175	8	171	0	171	130	6026.68	3223	171
	Jun 2012	399	301	10	219	0	219	132	6028.52	3292	219
	Jul 2012	218	171	14	105	0	105	134	6029.85	3343	105
	Aug 2012	96	102	13	105	0	105	134	6029.46	3328	105
	Sep 2012	58	81	11	101	0	101	133	6028.68	3298	101
	WY 2012	**1547**	**1542**	**80**	**1672**	**0**	**1672**				**1672**
	Oct 2012	59	84	7	105	0	105	132	6027.97	3271	105
	Nov 2012	50	80	3	101	0	101	131	6027.33	3247	101
	Dec 2012	36	77	2	105	0	105	129	6026.58	3219	105
	Jan 2013	41	84	2	105	0	105	129	6026.01	3198	105
	Feb 2013	46	84	2	94	0	94	128	6025.69	3186	94
	Mar 2013	104	125	3	105	0	105	129	6026.15	3203	105
	Apr 2013	142	136	5	101	0	101	130	6026.92	3232	101
	May 2013	265	193	8	133	0	133	132	6028.25	3282	133
	Jun 2013	399	279	10	211	0	211	134	6029.68	3337	211

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2011 24-Month Study

Most Probable Inflow*

Taylor Park Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jul 2010	10	20	9320.19	87
H	Aug 2010	10	17	9316.06	80
I	Sep 2010	6	14	9311.57	72
	WY 2010	**121**	**122**		
S	Oct 2010	7	6	9312.21	73
T	Nov 2010	5	5	9312.27	74
O	Dec 2010	5	5	9312.71	74
R	Jan 2011	5	5	9312.70	74
I	Feb 2011	4	4	9312.51	74
C	Mar 2011	5	6	9311.89	73
A	Apr 2011	7	8	9311.44	72
L	May 2011	22	33	9304.21	61
*	Jun 2011	64		9326.09	98
	Jul 2011	33	32	9326.60	99
	Aug 2011	13	28	9318.32	84
	Sep 2011	9	16	9314.29	77
	WY 2011	**177**	**146**		
	Oct 2011	7	10	9312.71	74
	Nov 2011	5	6	9312.33	74
	Dec 2011	4	6	9311.40	72
	Jan 2012	4	6	9310.28	70
	Feb 2012	4	6	9308.88	68
	Mar 2012	4	6	9307.76	66
	Apr 2012	8	8	9307.97	67
	May 2012	27	16	9314.86	78
	Jun 2012	43	22	9326.27	99
	Jul 2012	20	22	9325.46	97
	Aug 2012	10	22	9319.03	85
	Sep 2012	7	16	9313.84	76
	WY 2012	**145**	**146**		
	Oct 2012	6	10	9311.53	72
	Nov 2012	5	6	9310.85	71
	Dec 2012	4	6	9309.89	70
	Jan 2013	4	6	9308.76	68
	Feb 2013	4	6	9307.45	66
	Mar 2013	4	6	9306.31	64
	Apr 2013	8	8	9306.53	65
	May 2013	27	14	9314.74	78
	Jun 2013	43	22	9326.17	99

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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RECLAMATION
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July 2011 24-Month Study

Most Probable Inflow*

Blue Mesa Reservoir

	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jul 2010	50	60	1	98	0	98	7504.17	696
H	Aug 2010	56	63	1	92	0	92	7500.54	666
I	Sep 2010	23	31	1	86	0	86	7493.54	609
	WY 2010	**725**	**727**	**8**	**754**	**6**	**760**		
S	Oct 2010	29	29	1	85	0	85	7486.20	552
T	Nov 2010	27	27	0	24	0	24	7486.60	555
O	Dec 2010	30	29	0	27	0	27	7486.84	557
R	Jan 2011	23	23	0	27	0	27	7486.34	553
I	Feb 2011	21	21	0	43	0	43	7483.46	532
C	Mar 2011	38	39	0	75	0	75	7478.48	495
A	Apr 2011	77	78	1	95	0	95	7475.97	477
L	May 2011	168	179	1	162	0	162	7478.26	493
*	Jun 2011	425	389	1	127	19	146	7508.73	735
	Jul 2011	170	169	2	100	0	100	7516.40	803
	Aug 2011	68	84	1	121	0	121	7512.06	764
	Sep 2011	49	56	1	116	0	116	7504.97	703
	WY 2011	**1125**	**1122**	**8**	**1001**	**19**	**1020**		
	Oct 2011	44	47	1	82	0	82	7500.67	667
	Nov 2011	34	35	0	52	0	52	7498.53	649
	Dec 2011	25	27	0	94	0	94	7490.00	581
	Jan 2012	24	26	0	79	0	79	7482.99	528
	Feb 2012	22	24	0	62	0	62	7477.80	490
	Mar 2012	34	36	0	37	0	37	7477.59	489
	Apr 2012	73	73	1	48	0	48	7480.90	513
	May 2012	212	201	1	102	0	102	7493.70	610
	Jun 2012	271	250	1	67	0	67	7515.21	792
	Jul 2012	121	122	2	110	0	110	7516.40	802
	Aug 2012	62	74	1	122	0	122	7510.78	753
	Sep 2012	36	45	1	113	0	113	7502.73	684
	WY 2012	**958**	**959**	**9**	**969**	**0**	**969**		
	Oct 2012	36	39	1	71	0	71	7498.84	652
	Nov 2012	31	32	0	41	0	41	7497.66	642
	Dec 2012	25	27	0	87	0	87	7490.00	581
	Jan 2013	24	26	0	79	0	79	7482.99	528
	Feb 2013	22	24	0	54	0	54	7478.88	498
	Mar 2013	34	36	0	36	0	36	7478.81	497
	Apr 2013	73	73	1	48	0	48	7482.09	521
	May 2013	212	199	1	109	0	109	7493.67	610
	Jun 2013	271	250	1	67	0	67	7515.22	792

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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Most Probable Inflow*

Morrow Point Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jul 2010	51	98	1	98	96	0	96	7156.02	114
H	Aug 2010	56	92	1	93	93	0	93	7155.63	114
I	Sep 2010	23	86	0	87	92	0	92	7148.78	108
	WY 2010	**773**	**760**	**48**	**807**	**805**	**0**	**805**		
S	Oct 2010	30	85	1	86	82	0	82	7153.88	112
T	Nov 2010	29	24	1	25	26	0	26	7152.79	111
O	Dec 2010	30	27	0	28	27	0	27	7153.98	112
R	Jan 2011	23	27	0	27	27	0	27	7153.70	112
I	Feb 2011	21	43	0	43	44	0	44	7152.08	111
C	Mar 2011	38	75	1	75	73	0	73	7154.37	113
A	Apr 2011	84	95	7	102	104	0	104	7152.20	111
L	May 2011	191	162	23	185	181	0	181	7156.18	114
*	Jun 2011	455	146	30	176	170	0	176	7155.72	114
	Jul 2011	180	100	10	110	111	0	111	7153.73	112
	Aug 2011	72	121	4	125	125	0	125	7153.73	112
	Sep 2011	52	116	3	119	119	0	119	7153.73	112
	WY 2011	**1206**	**1020**	**81**	**1101**	**1090**	**0**	**1096**		
	Oct 2011	47	82	3	85	85	0	85	7153.73	112
	Nov 2011	36	52	2	54	54	0	54	7153.73	112
	Dec 2011	27	94	2	96	96	0	96	7153.73	112
	Jan 2012	26	79	2	81	81	0	81	7153.73	112
	Feb 2012	25	62	3	65	65	0	65	7153.73	112
	Mar 2012	38	37	4	41	41	0	41	7153.73	112
	Apr 2012	84	48	11	59	59	0	59	7153.73	112
	May 2012	237	102	25	127	127	0	127	7153.73	112
	Jun 2012	292	67	21	88	88	0	88	7153.73	112
	Jul 2012	127	110	7	117	117	0	117	7153.73	112
	Aug 2012	65	122	4	126	126	0	126	7153.73	112
	Sep 2012	39	113	3	116	116	0	116	7153.73	112
	WY 2012	**1045**	**969**	**86**	**1056**	**1056**	**0**	**1056**		
	Oct 2012	38	71	3	74	74	0	74	7153.73	112
	Nov 2012	33	41	2	43	43	0	43	7153.73	112
	Dec 2012	27	87	2	89	89	0	89	7153.73	112
	Jan 2013	26	79	2	81	81	0	81	7153.73	112
	Feb 2013	25	54	3	57	57	0	57	7153.73	112
	Mar 2013	38	36	4	40	40	0	40	7153.73	112
	Apr 2013	84	48	11	59	59	0	59	7153.73	112
	May 2013	237	109	25	134	134	0	134	7153.73	112
	Jun 2013	292	67	21	88	88	0	88	7153.73	112

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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July 2011 24-Month Study

Most Probable Inflow*

Crystal Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
*	Jul 2010	55	96	4	100	100	0	100	6751.15	16	69	39
H	Aug 2010	61	93	5	98	98	0	98	6749.05	16	68	37
I	Sep 2010	26	92	3	95	95	0	95	6748.16	16	63	36
	WY 2010	**859**	**805**	**86**	**891**	**824**	**63**	**890**			**415**	**528**
S	Oct 2010	34	82	4	86	85	0	85	6750.41	16	51	33
T	Nov 2010	32	26	4	30	30	0	30	6748.60	16	1	29
O	Dec 2010	34	27	4	31	31	0	31	6748.24	16	1	30
R	Jan 2011	27	27	4	31	30	1	31	6749.02	16	1	30
I	Feb 2011	24	44	3	47	24	23	46	6751.55	17	1	47
C	Mar 2011	43	73	5	78	78	0	78	6751.94	17	5	76
A	Apr 2011	92	104	8	112	110	2	112	6752.03	17	38	79
L	May 2011	204	181	13	195	126	68	194	6753.39	17	63	137
*	Jun 2011	516	176	61	237	120	81	237	6752.90	17	62	183
	Jul 2011	205	111	25	136	134	2	136	6753.04	17	65	71
	Aug 2011	81	125	9	134	134	0	134	6753.04	17	65	69
	Sep 2011	59	119	7	126	126	0	126	6753.04	17	55	71
	WY 2011	**1352**	**1096**	**146**	**1243**	**1029**	**176**	**1241**			**407**	**856**
	Oct 2011	53	85	7	91	91	0	91	6753.04	17	30	61
	Nov 2011	42	54	5	60	60	0	60	6753.04	17	0	60
	Dec 2011	32	96	5	101	101	0	101	6753.04	17	0	101
	Jan 2012	31	81	5	86	86	0	86	6753.04	17	0	86
	Feb 2012	29	65	4	69	69	0	69	6753.04	17	0	69
	Mar 2012	46	41	7	48	48	0	48	6753.04	17	5	43
	Apr 2012	96	59	12	71	71	0	71	6753.04	17	30	41
	May 2012	272	127	35	162	134	28	162	6753.04	17	55	107
	Jun 2012	330	88	38	127	127	0	127	6753.04	17	60	67
	Jul 2012	144	117	17	134	134	0	134	6753.04	17	65	69
	Aug 2012	74	126	8	134	134	0	134	6753.04	17	65	69
	Sep 2012	45	116	6	122	122	0	122	6753.04	17	55	67
	WY 2012	**1196**	**1056**	**151**	**1207**	**1179**	**28**	**1207**			**365**	**842**
	Oct 2012	44	74	6	80	80	0	80	6753.04	17	30	50
	Nov 2012	38	43	5	48	48	0	48	6753.04	17	0	48
	Dec 2012	32	89	5	94	94	0	94	6753.04	17	0	94
	Jan 2013	31	81	5	86	86	0	86	6753.04	17	0	86
	Feb 2013	29	57	4	61	61	0	61	6753.04	17	0	61
	Mar 2013	46	40	7	47	47	0	47	6753.04	17	5	42
	Apr 2013	96	59	12	71	71	0	71	6753.04	17	30	41
	May 2013	272	134	35	169	134	35	169	6753.04	17	55	114
	Jun 2013	330	88	38	126	126	0	126	6753.04	17	60	66

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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July 2011 24-Month Study

Most Probable Inflow*

Vallecito Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jul 2010	12	37	7651.21	90
H	Aug 2010	19	33	7645.00	75
I	Sep 2010	10	26	7637.70	59
	WY 2010	**210**	**196**		
S	Oct 2010	12	13	7636.95	58
T	Nov 2010	7	2	7639.20	63
O	Dec 2010	6	2	7641.20	67
R	Jan 2011	5	2	7642.53	70
I	Feb 2011	4	2	7643.62	72
C	Mar 2011	7	2	7645.67	77
A	Apr 2011	22	4	7653.10	95
L	May 2011	44	27	7659.70	111
*	Jun 2011	79	64	7664.94	125
	Jul 2011	21	42	7656.82	104
	Aug 2011	16	38	7647.74	82
	Sep 2011	15	30	7640.88	66
	WY 2011	**237**	**227**		
	Oct 2011	12	16	7639.16	63
	Nov 2011	8	2	7641.90	68
	Dec 2011	6	2	7643.69	72
	Jan 2012	5	2	7645.08	75
	Feb 2012	5	2	7646.28	78
	Mar 2012	8	3	7648.33	83
	Apr 2012	22	3	7655.98	102
	May 2012	69	57	7660.61	114
	Jun 2012	78	67	7664.37	124
	Jul 2012	31	41	7660.19	113
	Aug 2012	19	38	7652.80	94
	Sep 2012	17	29	7647.81	82
	WY 2012	**280**	**261**		
	Oct 2012	14	13	7648.03	82
	Nov 2012	8	6	7649.01	85
	Dec 2012	6	5	7649.58	86
	Jan 2013	5	3	7650.43	88
	Feb 2013	5	3	7651.21	90
	Mar 2013	8	3	7653.15	95
	Apr 2013	22	10	7657.63	106
	May 2013	69	65	7659.15	110
	Jun 2013	78	66	7663.23	121

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Managing Water in the West

July 2011 24-Month Study

Most Probable Inflow*

Navajo Reservoir

	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azetea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Farmington Flow (1000 Ac-Ft)
*	Jul 2010	15	2	39	5	47	58	6069.52	1474	72
H	Aug 2010	39	2	52	4	35	41	6067.48	1446	69
I	Sep 2010	24	1	39	3	25	45	6064.97	1412	57
	WY 2010	**855**	**89**	**753**	**29**	**202**	**423**			**802**
S	Oct 2010	24	0	26	2	8	36	6063.49	1393	46
T	Nov 2010	17	0	12	1	1	29	6062.08	1374	46
O	Dec 2010	23	0	19	1	1	30	6061.11	1362	42
R	Jan 2011	16	0	13	1	1	31	6059.58	1342	50
I	Feb 2011	18	0	15	1	1	28	6058.41	1328	45
C	Mar 2011	41	2	35	2	4	31	6058.28	1326	46
A	Apr 2011	115	14	84	2	19	31	6060.75	1357	44
L	May 2011	172	22	134	4	28	32	6066.13	1428	79
*	Jun 2011	252	43	193	4	42	113	6068.65	1462	305
	Jul 2011	36	4	53	5	45	35	6066.34	1431	35
	Aug 2011	25	2	45	4	38	54	6062.52	1380	54
	Sep 2011	32	1	46	3	22	32	6061.72	1370	32
	WY 2011	**772**	**87**	**676**	**28**	**210**	**481**			**823**
	Oct 2011	34	0	37	2	8	31	6061.48	1367	31
	Nov 2011	30	0	24	1	0	30	6060.98	1360	30
	Dec 2011	24	0	20	1	0	31	6060.07	1349	31
	Jan 2012	22	0	19	1	0	31	6059.06	1336	31
	Feb 2012	30	0	28	1	0	28	6058.97	1335	28
	Mar 2012	88	1	83	2	4	52	6060.97	1360	52
	Apr 2012	174	16	138	3	17	56	6065.84	1424	56
	May 2012	279	35	231	4	29	121	6071.50	1501	121
	Jun 2012	246	27	208	5	44	182	6069.89	1479	182
	Jul 2012	74	4	81	5	47	37	6069.35	1472	37
	Aug 2012	43	2	60	4	40	42	6067.49	1446	42
	Sep 2012	42	1	53	3	22	36	6066.89	1438	36
	WY 2012	**1087**	**85**	**983**	**29**	**210**	**675**			**675**
	Oct 2012	40	0	40	2	8	31	6066.83	1437	31
	Nov 2012	33	0	31	1	0	30	6066.82	1437	30
	Dec 2012	24	0	22	1	0	31	6066.15	1428	31
	Jan 2013	22	0	20	1	0	31	6065.27	1416	31
	Feb 2013	30	0	29	1	0	27	6065.32	1417	27
	Mar 2013	88	1	83	2	4	31	6068.73	1463	31
	Apr 2013	174	16	146	3	17	34	6075.32	1556	34
	May 2013	279	35	239	4	29	200	6075.73	1562	200
	Jun 2013	246	27	208	5	44	212	6072.03	1509	212

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Most Probable Inflow*

Lake Powell

	Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry (1000 Ac-Ft)
*	Jul 2010	674	706	65	802	0	802	3636.52	18081	15596	824
H	Aug 2010	504	608	64	802	0	802	3634.55	18050	15369	826
I	Sep 2010	277	461	58	480	0	480	3633.66	18075	15267	490
	WY 2010	**8634**	**8674**	**444**	**8234**	**0**	**8235**				**8419**
S	Oct 2010	362	512	41	495	0	495	3634.08	18003	15315	502
T	Nov 2010	438	474	39	810	0	810	3630.31	18056	14888	826
O	Dec 2010	416	446	30	847	0	847	3626.54	18044	14469	865
R	Jan 2011	381	429	9	997	0	997	3620.55	18113	13822	1015
I	Feb 2011	317	377	10	964	0	964	3614.95	18103	13235	984
C	Mar 2011	579	581	16	1033	0	1033	3610.73	18066	12804	1055
A	Apr 2011	977	937	25	940	0	940	3611.93	17917	12926	965
L	May 2011	2178	2205	30	1171	0	1171	3623.13	17749	14098	1207
*	Jun 2011	5408	4866	54	1377	0	1377	3648.98	18193	17089	1419
	Jul 2011	3530	3218	73	1465	0	1465	3661.16	18317	18645	1465
	Aug 2011	950	1038	75	1465	0	1465	3657.60	18280	18181	1465
	Sep 2011	670	805	68	883	0	883	3656.55	18270	18045	883
	WY 2011	**16206**	**15888**	**468**	**12447**	**0**	**12447**				**12650**
	Oct 2011	671	773	47	912	0	912	3655.22	18256	17874	912
	Nov 2011	603	698	44	1200	0	1200	3651.22	18215	17368	1200
	Dec 2011	414	596	34	1400	0	1400	3644.92	18153	16591	1400
	Jan 2012	384	548	11	1120	0	1120	3640.41	18110	16052	1120
	Feb 2012	398	522	11	800	0	800	3638.13	18089	15784	800
	Mar 2012	628	636	19	800	0	800	3636.68	18075	15615	800
	Apr 2012	950	834	29	1054	0	1054	3634.69	18057	15384	1054
	May 2012	2161	1864	35	1150	0	1150	3640.08	18107	16013	1150
	Jun 2012	2811	2434	57	1100	0	1100	3649.84	18202	17195	1100
	Jul 2012	1346	1234	70	1150	0	1150	3649.94	18203	17208	1150
	Aug 2012	566	675	69	1080	0	1080	3646.38	18167	16769	1080
	Sep 2012	460	596	63	714	0	714	3645.00	18154	16601	714
	WY 2012	**11391**	**11411**	**490**	**12480**	**0**	**12480**				**12480**
	Oct 2012	514	593	43	738	0	738	3643.55	18140	16427	738
	Nov 2012	523	581	41	600	0	600	3643.09	18136	16371	600
	Dec 2012	414	552	33	800	0	800	3640.91	18115	16110	800
	Jan 2013	384	511	10	800	0	800	3638.56	18093	15834	800
	Feb 2013	398	475	11	800	0	800	3635.88	18068	15522	800
	Mar 2013	628	578	19	600	0	600	3635.56	18065	15484	600
	Apr 2013	950	777	29	850	0	850	3634.73	18057	15390	850
	May 2013	2161	1911	35	1000	0	1000	3641.67	18122	16201	1000
	Jun 2013	2811	2456	58	1120	0	1120	3651.35	18217	17385	1120

* Based on the Colorado River Basin Forecast Center'sMost Probable Water Supply Forecast

Model Run ID: 2102

Processed On: 7/7/2011 4:01:35PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2011 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Glen Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Jul 2010	802	29	68	941	15.3	33	937	673	1086.97	10357
H	Aug 2010	802	126	72	829	13.5	33	823	673	1086.91	10352
I	Sep 2010	480	82	59	758	12.7	23	755	656	1083.81	10092
	WY 2010	**8235**	**928**	**564**	**9260**		**235**	**9039**			
S	Oct 2010	495	80	42	638	10.4	24	607	648	1082.36	9971
T	Nov 2010	810	13	42	800	13.4	18	795	646	1081.94	9936
O	Dec 2010	847	248	37	660	10.7	9	630	670	1086.30	10301
R	Jan 2011	997	74	31	540	8.8	8	526	700	1091.73	10765
I	Feb 2011	964	84	29	635	11.4	9	616	723	1095.78	11117
C	Mar 2011	1033	77	33	1006	16.4	15	1002	726	1096.39	11170
A	Apr 2011	940	140	40	1078	18.1	20	1066	722	1095.76	11115
L	May 2011	1171	104	47	1001	16.3	25	997	735	1097.90	11304
*	Jun 2011	1377	73	57	939	15.8	26	939	761	1102.38	11705
	Jul 2011	1465	50	73	982	16.0	25	982	787	1106.86	12114
	Aug 2011	1465	109	79	830	13.5	27	830	826	1113.26	12713
	Sep 2011	883	70	67	643	10.8	18	643	840	1115.48	12924
	WY 2011	**12447**	**1121**	**577**	**9752**		**223**	**9634**			
	Oct 2011	912	59	49	461	7.5	23	461	867	1119.75	13336
	Nov 2011	1200	48	50	630	10.6	22	630	900	1124.98	13849
	Dec 2011	1400	99	45	535	8.7	17	535	955	1133.34	14697
	Jan 2012	1120	76	37	708	11.5	20	708	982	1137.24	15101
	Feb 2012	800	92	35	729	12.7	18	729	988	1138.22	15205
	Mar 2012	800	80	39	1033	16.8	24	1033	975	1136.28	15002
	Apr 2012	1054	60	48	1156	19.4	20	1156	968	1135.29	14898
	May 2012	1150	49	55	993	16.2	31	993	976	1136.37	15011
	Jun 2012	1100	23	67	860	14.5	26	860	986	1137.89	15170
	Jul 2012	1150	50	84	901	14.7	28	901	997	1139.55	15345
	Aug 2012	1080	109	90	822	13.4	31	822	1012	1141.72	15575
	Sep 2012	714	70	75	676	11.4	22	676	1013	1141.82	15586
	WY 2012	**12480**	**815**	**675**	**9503**		**282**	**9503**			
	Oct 2012	738	59	55	463	7.5	26	463	1028	1144.03	15823
	Nov 2012	600	48	55	573	9.6	25	573	1028	1143.98	15818
	Dec 2012	800	99	48	558	9.1	21	558	1045	1146.33	16074
	Jan 2013	800	76	40	709	11.5	20	709	1051	1147.25	16175
	Feb 2013	800	92	36	715	12.9	18	715	1059	1148.29	16289
	Mar 2013	600	80	41	1053	17.1	24	1053	1032	1144.54	15878
	Apr 2013	850	60	50	1142	19.2	20	1142	1014	1141.91	15595
	May 2013	1000	49	57	1031	16.8	31	1031	1009	1141.30	15530
	Jun 2013	1120	23	68	958	16.1	26	958	1015	1142.09	15614

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2011 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Jul 2010	941	-14	26	913	0	913	14.8	643.57	1714
H	Aug 2010	829	-12	23	838	0	838	13.6	641.95	1670
I	Sep 2010	758	-2	18	833	0	833	14.0	638.40	1575
	WY 2010	**9260**	**-172**	**197**	**8816**	**0**	**8816**			
S	Oct 2010	638	6	15	766	0	766	12.5	633.10	1437
T	Nov 2010	800	-29	10	631	0	631	10.6	638.09	1567
O	Dec 2010	660	-15	9	553	0	553	9.0	641.21	1650
R	Jan 2011	540	-7	10	502	0	502	8.2	641.95	1670
I	Feb 2011	635	-10	10	586	0	586	10.5	643.01	1699
C	Mar 2011	1006	-11	13	976	0	976	15.9	643.23	1705
A	Apr 2011	1078	-13	17	1047	0	1047	17.6	643.30	1707
L	May 2011	1001	-10	22	949	0	949	15.4	644.04	1727
*	Jun 2011	939	-9	25	954	0	954	16.0	642.27	1679
	Jul 2011	982	1	25	951	0	951	15.5	642.50	1685
	Aug 2011	830	-5	23	816	0	816	13.3	642.00	1671
	Sep 2011	643	1	18	733	0	733	12.3	638.00	1564
	WY 2011	**9752**	**-101**	**198**	**9464**	**0**	**9464**			
	Oct 2011	461	3	15	579	0	579	9.4	633.00	1434
	Nov 2011	630	-10	10	559	0	559	9.4	635.00	1486
	Dec 2011	535	-13	9	415	0	415	6.8	638.71	1583
	Jan 2012	708	-17	10	598	0	598	9.7	641.80	1666
	Feb 2012	729	-6	10	714	0	714	12.4	641.80	1666
	Mar 2012	1033	-15	13	971	0	971	15.8	643.05	1700
	Apr 2012	1156	-15	17	1125	0	1125	18.9	643.00	1699
	May 2012	993	-10	22	961	0	961	15.6	643.00	1699
	Jun 2012	860	-6	25	856	0	856	14.4	642.00	1671
	Jul 2012	901	1	25	890	0	890	14.5	641.50	1658
	Aug 2012	822	-5	23	795	0	795	12.9	641.50	1658
	Sep 2012	676	1	18	752	0	752	12.6	638.00	1564
	WY 2012	**9503**	**-91**	**197**	**9215**	**0**	**9215**			
	Oct 2012	463	3	15	581	0	581	9.5	633.00	1434
	Nov 2012	573	-10	10	502	0	502	8.4	635.00	1486
	Dec 2012	558	-13	9	438	0	438	7.1	638.71	1583
	Jan 2013	709	-17	10	600	0	600	9.8	641.80	1666
	Feb 2013	715	-6	10	700	0	700	12.6	641.80	1666
	Mar 2013	1053	-15	13	991	0	991	16.1	643.05	1700
	Apr 2013	1142	-15	17	1111	0	1111	18.7	643.00	1699
	May 2013	1031	-10	22	998	0	998	16.2	643.00	1699
	Jun 2013	958	-6	25	954	0	954	16.0	642.00	1671

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2011 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	Jul 2010	913	17	17	743	12.1	107	50	448.61	592	126	2.1
H	Aug 2010	838	21	17	646	10.5	108	84	448.20	584	101	1.6
I	Sep 2010	833	17	15	583	9.8	98	171	446.95	560	93	1.6
	WY 2010	**8816**	**318**	**140**	**6298**		**1043**	**1572**			**1619**	
S	Oct 2010	766	25	12	465	7.6	102	166	449.14	602	106	1.7
T	Nov 2010	631	38	9	428	7.2	98	159	447.59	572	114	1.9
O	Dec 2010	553	33	7	290	4.7	93	183	448.10	582	147	2.4
R	Jan 2011	502	8	6	391	6.4	52	89	446.40	550	141	2.3
I	Feb 2011	586	15	8	415	7.5	22	135	447.29	567	173	3.1
C	Mar 2011	976	1	9	694	11.3	71	181	448.06	581	199	3.2
A	Apr 2011	1047	19	11	786	13.2	71	180	448.54	590	204	3.4
L	May 2011	949	17	13	691	11.2	83	166	448.68	593	115	1.9
*	Jun 2011	954	13	15	708	11.9	95	155	447.73	575	120	2.0
	Jul 2011	951	15	17	762	12.4	99	69	448.00	580	121	2.0
	Aug 2011	816	18	17	630	10.2	99	76	448.00	580	93	1.5
	Sep 2011	733	15	15	532	8.9	96	119	446.81	557	89	1.5
	WY 2011	**9464**	**216**	**140**	**6792**		**981**	**1677**			**1622**	
	Oct 2011	579	20	12	439	7.1	18	131	446.31	548	68	1.1
	Nov 2011	559	26	8	379	6.4	13	174	446.50	552	109	1.8
	Dec 2011	415	21	6	282	4.6	14	128	446.50	552	118	1.9
	Jan 2012	598	15	6	342	5.6	96	165	446.50	552	122	2.0
	Feb 2012	714	6	8	464	8.1	86	156	446.50	552	153	2.7
	Mar 2012	971	22	9	702	11.4	96	174	446.70	555	208	3.4
	Apr 2012	1125	18	11	827	13.9	93	166	448.70	593	200	3.4
	May 2012	961	13	13	696	11.3	96	159	448.70	593	111	1.8
	Jun 2012	856	9	16	653	11.0	93	90	448.70	593	112	1.9
	Jul 2012	890	15	17	719	11.7	96	72	448.00	580	118	1.9
	Aug 2012	795	18	17	629	10.2	96	68	447.50	571	92	1.5
	Sep 2012	752	15	15	540	9.1	69	148	446.81	557	89	1.5
	WY 2012	**9215**	**199**	**139**	**6670**		**865**	**1631**			**1501**	
	Oct 2012	581	20	12	452	7.3	26	113	446.31	548	72	1.2
	Nov 2012	502	26	8	371	6.2	27	111	446.50	552	105	1.8
	Dec 2012	438	21	6	295	4.8	27	125	446.50	552	118	1.9
	Jan 2013	600	15	6	356	5.8	106	142	446.50	552	122	2.0
	Feb 2013	700	6	8	461	8.3	96	136	446.50	552	153	2.8
	Mar 2013	991	22	9	708	11.5	106	179	446.70	555	208	3.4
	Apr 2013	1111	18	11	796	13.4	103	173	448.70	593	200	3.4
	May 2013	998	13	13	703	11.4	106	179	448.70	593	111	1.8
	Jun 2013	954	9	16	676	11.4	103	156	448.70	593	112	1.9

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2011 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Jul 2010	941	15.3	1086.97	10357	-198	441.50	1640.0	360.3	100	382.9
H	Aug 2010	829	13.5	1086.91	10352	-5	443.45	1617.0	313.3	100	378.0
I	Sep 2010	758	12.7	1083.81	10092	-261	439.46	1617.0	285.1	100	375.9
	WY 2010	**9260**							**3588.7**		
S	Oct 2010	638	10.4	1082.36	9971	-121	440.25	1104.0	241.3	68	378.5
T	Nov 2010	800	13.4	1081.94	9936	-35	437.87	1185.0	305.1	74	381.4
O	Dec 2010	660	10.7	1086.30	10301	365	439.05	1388.0	246.5	87	373.5
R	Jan 2011	540	8.8	1091.73	10765	463	446.84	1103.0	200.9	69	372.4
I	Feb 2011	635	11.4	1095.78	11117	353	447.78	1414.0	244.7	88	385.7
C	Mar 2011	1006	16.4	1096.39	11170	54	449.79	1232.0	398.2	75	395.8
A	Apr 2011	1078	18.1	1095.76	11115	-55	449.53	1157.0	430.9	70	399.6
L	May 2011	1001	16.3	1097.90	11304	189	452.71	1468.0	394.5	88	393.9
*	Jun 2011	939	15.8	1102.38	11705	401	457.87	1661.0	372.1	100	396.2
	Jul 2011	982	16.0	1106.86	12114	409	451.34	1698.0	400.2	100	407.6
	Aug 2011	830	13.5	1113.26	12713	598	456.84	1774.0	342.1	100	412.2
	Sep 2011	643	10.8	1115.48	12924	211	462.59	1787.0	260.0	100	404.3
	WY 2011	**9752**							**3836.7**		
	Oct 2011	461	7.5	1119.75	13336	412	470.21	1465.0	189.2	81	410.7
	Nov 2011	630	10.6	1124.98	13849	513	477.46	1342.0	263.8	73	418.7
	Dec 2011	535	8.7	1133.34	14697	848	482.17	1409.0	222.1	75	415.1
	Jan 2012	708	11.5	1137.24	15101	405	486.83	1303.0	306.3	68	432.8
	Feb 2012	729	12.7	1138.22	15205	103	488.25	1314.0	320.9	68	440.0
	Mar 2012	1033	16.8	1136.28	15002	-203	485.86	1566.0	450.1	81	435.8
	Apr 2012	1156	19.4	1135.29	14898	-103	483.31	1676.0	509.8	88	441.2
	May 2012	993	16.2	1136.37	15011	112	481.98	1914.0	421.7	100	424.4
	Jun 2012	860	14.5	1137.89	15170	159	483.60	1923.0	375.3	100	436.4
	Jul 2012	901	14.7	1139.55	15345	175	485.68	1935.0	386.9	100	429.3
	Aug 2012	822	13.4	1141.72	15575	230	487.76	1950.0	358.0	100	435.4
	Sep 2012	676	11.4	1141.82	15586	10	490.04	1951.0	288.4	100	427.0
	WY 2012	**9503**							**4092.4**		
	Oct 2012	463	7.5	1144.03	15823	237	494.30	1790.0	197.1	91	425.3
	Nov 2012	573	9.6	1143.98	15818	-5	498.48	1540.0	248.0	78	432.7
	Dec 2012	558	9.1	1146.33	16074	256	498.13	1472.4	239.3	75	428.8
	Jan 2013	709	11.5	1147.25	16175	101	498.31	1336.2	312.8	68	441.2
	Feb 2013	715	12.9	1148.29	16289	115	498.28	1336.4	320.8	68	448.5
	Mar 2013	1053	17.1	1144.54	15878	-411	495.00	1601.7	467.8	81	444.2
	Apr 2013	1142	19.2	1141.91	15595	-283	490.72	1726.8	509.4	88	446.2
	May 2013	1031	16.8	1141.30	15530	-65	487.73	1973.0	444.7	100	431.4
	Jun 2013	958	16.1	1142.09	15614	85	488.15	1973.0	410.6	100	428.7

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2011 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Jul 2010	913	14.8	643.57	1714	-11	141.98	242.3	115.3	95	126.4
H	Aug 2010	838	13.6	641.95	1670	-44	140.67	255.0	105.9	100	126.4
I	Sep 2010	833	14.0	638.40	1575	-95	137.24	255.0	102.6	100	123.1
	WY 2010	**8816**							**1104.5**		
S	Oct 2010	766	12.5	633.10	1437	-138	129.52	209.1	92.1	82	120.2
T	Nov 2010	631	10.6	638.09	1567	130	137.83	153.0	77.2	60	122.5
O	Dec 2010	553	9.0	641.21	1650	84	141.87	168.3	67.8	66	122.6
R	Jan 2011	502	8.2	641.95	1670	20	140.42	153.0	63.3	60	125.9
I	Feb 2011	586	10.5	643.01	1699	29	139.78	181.1	73.6	71	125.6
C	Mar 2011	976	15.9	643.23	1705	6	138.82	204.0	123.0	80	126.0
A	Apr 2011	1047	17.6	643.30	1707	2	141.68	227.0	131.6	89	125.7
L	May 2011	949	15.4	644.04	1727	20	142.61	255.0	120.3	100	126.8
*	Jun 2011	954	16.0	642.27	1679	-48	140.41	249.9	120.6	98	126.4
	Jul 2011	951	15.5	642.50	1685	6	135.40	255.0	118.5	100	124.6
	Aug 2011	816	13.3	642.00	1671	-14	135.25	255.0	102.2	100	125.2
	Sep 2011	733	12.3	638.00	1564	-107	132.89	255.0	90.5	100	123.5
	WY 2011	**9464**							**1180.5**		
	Oct 2011	579	9.4	633.00	1434	-130	128.65	237.2	69.7	93	120.5
	Nov 2011	559	9.4	635.00	1486	51	127.14	234.6	66.5	92	119.1
	Dec 2011	415	6.8	638.71	1583	97	130.00	239.7	51.0	94	122.7
	Jan 2012	598	9.7	641.80	1666	83	134.16	219.3	74.6	86	124.6
	Feb 2012	714	12.4	641.80	1666	0	135.05	244.8	89.3	96	125.0
	Mar 2012	971	15.8	643.05	1700	34	135.44	255.0	120.9	100	124.5
	Apr 2012	1125	18.9	643.00	1699	-2	136.07	255.0	139.7	100	124.2
	May 2012	961	15.6	643.00	1699	0	136.04	255.0	120.2	100	125.1
	Jun 2012	856	14.4	642.00	1671	-27	135.51	255.0	107.0	100	125.0
	Jul 2012	890	14.5	641.50	1658	-14	134.73	255.0	110.7	100	124.3
	Aug 2012	795	12.9	641.50	1658	0	134.46	255.0	99.0	100	124.6
	Sep 2012	752	12.6	638.00	1564	-94	132.62	255.0	92.6	100	123.1
	WY 2012	**9215**							**1141.1**		
	Oct 2012	581	9.5	633.00	1434	-130	128.65	237.2	70.0	93	120.4
	Nov 2012	502	8.4	635.00	1486	51	127.14	234.6	60.0	92	119.5
	Dec 2012	438	7.1	638.71	1583	97	130.00	239.7	53.7	94	122.6
	Jan 2013	600	9.8	641.80	1666	83	134.16	219.3	74.7	86	124.6
	Feb 2013	700	12.6	641.80	1666	0	135.05	244.8	87.5	96	125.0
	Mar 2013	991	16.1	643.05	1700	34	135.44	255.0	123.3	100	124.4
	Apr 2013	1111	18.7	643.00	1699	-2	136.07	255.0	138.1	100	124.2
	May 2013	998	16.2	643.00	1699	0	136.04	255.0	124.7	100	124.9
	Jun 2013	954	16.0	642.00	1671	-27	135.51	255.0	118.8	100	124.5

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2102

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2011 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Jul 2010	743	12.1	448.61	592	-1	82.51	120.0	50.9	100	68.4
H	Aug 2010	646	10.5	448.20	584	-8	81.98	120.0	44.7	100	69.2
I	Sep 2010	583	9.8	446.95	560	-24	80.89	103.2	41.6	86	71.4
	WY 2010	**6298**							**436.8**		
S	Oct 2010	465	7.6	449.14	602	42	82.79	90.0	31.4	75	67.4
T	Nov 2010	428	7.2	447.59	572	-30	79.41	91.2	30.4	76	71.1
O	Dec 2010	290	4.7	448.10	582	10	82.60	104.4	19.7	87	67.9
R	Jan 2011	391	6.4	446.40	550	-32	80.10	97.2	26.8	81	68.6
I	Feb 2011	415	7.5	447.29	567	17	76.83	90.0	29.3	75	70.7
C	Mar 2011	694	11.3	448.06	581	15	80.18	112.8	47.4	94	68.4
A	Apr 2011	786	13.2	448.54	590	9	82.13	120.0	54.4	100	69.1
L	May 2011	691	11.2	448.68	593	3	80.58	120.0	47.9	100	69.3
*	Jun 2011	708	11.9	447.73	575	-18	81.68	114.0	49.9	95	70.4
	Jul 2011	762	12.4	448.00	580	5	75.34	117.6	50.4	98	66.1
	Aug 2011	630	10.2	448.00	580	0	75.37	120.0	41.4	100	65.7
	Sep 2011	532	8.9	446.81	557	-23	74.79	120.0	34.6	100	65.0
	WY 2011	**6792**							**463.5**		
	Oct 2011	439	7.1	446.31	548	-9	74.77	102.0	28.3	85	64.5
	Nov 2011	379	6.4	446.50	552	3	74.62	102.0	24.3	85	64.1
	Dec 2011	282	4.6	446.50	552	0	74.71	102.0	17.7	85	62.9
	Jan 2012	342	5.6	446.50	552	0	74.71	102.0	21.7	85	63.7
	Feb 2012	464	8.1	446.50	552	0	73.92	120.0	29.8	100	64.1
	Mar 2012	702	11.4	446.70	555	4	74.01	120.0	45.6	100	64.9
	Apr 2012	827	13.9	448.70	593	38	75.08	120.0	54.6	100	66.1
	May 2012	696	11.3	448.70	593	0	76.05	120.0	46.2	100	66.5
	Jun 2012	653	11.0	448.70	593	0	76.05	120.0	43.3	100	66.4
	Jul 2012	719	11.7	448.00	580	-13	75.71	120.0	47.7	100	66.3
	Aug 2012	629	10.2	447.50	571	-10	75.13	120.0	41.2	100	65.6
	Sep 2012	540	9.1	446.81	557	-13	74.55	120.0	35.0	100	64.9
	WY 2012	**6670**							**435.5**		
	Oct 2012	452	7.3	446.31	548	-9	74.77	102.0	29.2	85	64.6
	Nov 2012	371	6.2	446.50	552	3	74.62	102.0	23.8	85	64.0
	Dec 2012	295	4.8	446.50	552	0	74.71	102.0	18.6	85	63.1
	Jan 2013	356	5.8	446.50	552	0	74.71	102.0	22.7	85	63.8
	Feb 2013	461	8.3	446.50	552	0	73.92	120.0	29.6	100	64.2
	Mar 2013	708	11.5	446.70	555	4	74.01	120.0	45.9	100	64.9
	Apr 2013	796	13.4	448.70	593	38	75.08	120.0	52.5	100	66.0
	May 2013	703	11.4	448.70	593	0	76.05	120.0	46.7	100	66.5
	Jun 2013	676	11.4	448.70	593	0	76.05	120.0	44.9	100	66.5

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2102

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2011 24-Month Study

Most Probable Inflow*

Upper Basin Power

	Date	Glen Canyon 1000 MWHR	Flaming Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Reservoir 1000 MWHR	Fontenelle Reservoir 1000 MWHR
*	Jul 2010	368	38	30	34	20	8
H	Aug 2010	366	40	27	33	19	6
I	Sep 2010	217	42	25	32	19	2
	Summer 2010	**1755**	**231**	**142**	**186**	**109**	**25**
S	Oct 2010	226	30	24	29	16	0
T	Nov 2010	369	24	7	9	4	4
O	Dec 2010	382	26	8	9	4	4
R	Jan 2011	445	26	8	9	4	4
I	Feb 2011	425	26	12	15	4	3
C	Mar 2011	453	23	21	26	15	4
	Winter 2011	**2299**	**156**	**79**	**97**	**48**	**19**
A	Apr 2011	415	65	26	37	21	5
L	May 2011	520	105	44	66	23	5
*	Jun 2011	634	98	36	61	23	5
	Jul 2011	644	108	31	40	23	8
	Aug 2011	648	52	38	45	23	9
	Sep 2011	389	51	36	43	22	3
	Summer 2011	**3250**	**480**	**212**	**291**	**135**	**36**
	Oct 2011	401	52	25	31	16	7
	Nov 2011	525	50	16	20	10	6
	Dec 2011	607	52	28	35	18	6
	Jan 2012	481	52	23	29	15	5
	Feb 2012	341	48	18	23	12	0
	Mar 2012	340	52	11	15	8	0
	Winter 2012	**2694**	**307**	**120**	**152**	**79**	**23**
	Apr 2012	446	50	14	21	12	0
	May 2012	489	63	30	46	23	0
	Jun 2012	474	80	21	32	22	7
	Jul 2012	500	38	35	42	23	9
	Aug 2012	468	38	38	45	23	7
	Sep 2012	308	37	35	42	21	6
	Summer 2012	**2685**	**306**	**172**	**228**	**125**	**29**
	Oct 2012	318	38	22	27	14	6
	Nov 2012	258	37	12	16	8	5
	Dec 2012	343	38	26	32	16	5
	Jan 2013	341	38	23	29	15	4
	Feb 2013	340	34	16	21	11	0
	Mar 2013	254	38	10	14	8	0
	Winter 2013	**1599**	**186**	**98**	**124**	**64**	**20**
	Apr 2013	360	37	14	21	12	0
	May 2013	425	48	32	48	23	0
	Jun 2013	484	77	21	32	22	7

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2011 24-Month Study

Most Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions

Date	Flaming George KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Total KAF	Flaming George KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****EFFECTIVE SPACE****										
Jul 2011	601	95	234	7233	8163	15672	23835	290	70	18	379	7233	15672	23284	1500	982	0	39.2
								****CREDITABLE SPACE****										
Aug 2011	335	27	265	5677	6305	15263	21567	335	27	265	628	5677	15263	21567	1500	830	0	39.3
Sep 2011	319	66	316	6141	6841	14664	21506	319	66	316	700	6141	14664	21506	2270	643	0	39.1
Oct 2011	375	127	326	6277	7104	14453	21557	375	127	326	827	6277	14453	21557	3040	461	0	39.1
Nov 2011	441	163	329	6448	7381	14041	21422	441	163	329	933	6448	14041	21422	3810	630	0	39.0
Dec 2011	520	180	336	6954	7990	13528	21518	520	180	336	1036	6954	13528	21518	4580	535	0	39.0
Jan 2012	625	248	347	7731	8952	12680	21632	625	248	347	1221	7731	12680	21632	5350	708	0	38.8
								****EFFECTIVE SPACE****										
Jan 2012	625	248	347	7731	8952	12680	21632	168	248	282	698	7731	12680	21110	5350	708	0	38.8
Feb 2012	726	302	360	8270	9658	12276	21933	269	302	294	864	8270	12276	21410	1500	729	0	38.5
Mar 2012	813	339	361	8538	10052	12172	22224	355	339	294	989	8538	12172	21699	1500	1033	0	38.2
Apr 2012	854	341	336	8707	10237	12375	22613	393	341	263	997	8707	12375	22079	1500	1156	0	38.0
May 2012	853	317	272	8938	10379	12479	22858	387	317	180	884	8938	12479	22300	1500	993	0	39.0
Jun 2012	768	219	195	8309	9490	12366	21857	294	214	70	578	8309	12366	21254	1500	860	0	40.6
Jul 2012	602	38	217	7127	7984	12207	20191	114	11	44	168	7127	12207	19502	1500	901	0	40.9
								****CREDITABLE SPACE****										
Aug 2012	506	27	224	7114	7872	12032	19904	506	27	224	758	7114	12032	19904	1500	822	0	40.6
Sep 2012	529	77	250	7553	8409	11802	20210	529	77	250	855	7553	11802	20210	2270	676	0	40.1
Oct 2012	583	146	258	7721	8708	11791	20499	583	146	258	987	7721	11791	20499	3040	463	0	40.0
Nov 2012	636	178	259	7895	8968	11554	20522	636	178	259	1072	7895	11554	20522	3810	573	0	39.9
Dec 2012	690	187	259	7951	9087	11559	20646	690	187	259	1136	7951	11559	20646	4580	558	0	39.9
Jan 2013	759	248	268	8212	9487	11303	20790	759	248	268	1275	8212	11303	20790	5350	709	0	39.6
								****EFFECTIVE SPACE****										
Jan 2013	759	248	268	8212	9487	11303	20790	368	248	235	851	8212	11303	20366	5350	709	0	39.6
Feb 2013	824	301	280	8488	9894	11202	21096	432	301	246	979	8488	11202	20669	1500	715	0	39.4
Mar 2013	875	332	279	8800	10285	11088	21373	480	332	244	1056	8800	11088	20943	1500	1053	0	39.0
Apr 2013	879	332	233	8838	10282	11499	21781	481	332	192	1005	8838	11499	21342	1500	1142	0	38.8
May 2013	844	308	140	8932	10225	11782	22007	440	308	80	828	8932	11782	21542	1500	1031	0	39.8
Jun 2013	722	219	134	8121	9197	11847	21044	307	215	41	563	8121	11847	20532	1500	958	0	41.3

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2102

Processed On: 7/7/2011 4:01:35PM

August 24-Month Study
Date: August 12, 2011

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

Reservoir	July Inflow (unregulated) (acre-feet)	Percent of Average (%)	August 11 Midnight Elevation (feet)	Reservoir Storage (acre-feet)
Fontenelle	539,000	254	6502.49	318,000
Flaming Gorge	772,000	298	6035.85	3,581,000
Blue Mesa	223,000	167	7515.93	798,000
Navajo	40,000	48	6064.52	1,406,000
Powell	4,354,000	280	3659.64	18,446,000

Expected Operations

The operation of Lake Powell and Lake Mead in this August 2011 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines), and reflects the 2011 Annual Operating Plan (AOP). Pursuant to the Interim Guidelines, the Lake Powell operational tier for water year 2011 is the Upper Elevation Balancing Tier. The Intentionally Created Surplus (ICS) Surplus condition is the criterion governing the operation of Lake Mead for calendar year 2011.

The April 2011 24-Month study projected the September 30 Lake Powell elevation to be greater than the 2011 Equalization elevation of 3,643.0 feet with an annual release from Lake Powell of 8.23 maf. Consistent with Section 6.B.3 of the Interim Guidelines, the Equalization Tier governs operations of Lake Powell for the remainder of the water year.

The August 24-Month Study projects a Lake Powell water year 2011 annual release volume of 12.45 maf. Due to above average inflows into Lake Powell in 2011, Equalization will not be fully achieved by the end of the water year. The projected Lake Powell releases will be updated each month to reflect changing hydrology in order to achieve the operation specified by the Equalization Tier.

The Interim Guidelines are available for download at http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.

The 2011 AOP is available for download at
http://www.usbr.gov/uc/water/rsvrs/ops/aop/AOP11_final.pdf.

Fontenelle Reservoir – Inflows for the month of July were 539 kaf, or 254% of average. Inflows for the April to July runoff period were 1,221 kaf (142%). The reservoir elevation is 6502 feet above sea level and 91% of capacity. Current inflows are approximately 2,700 cfs and reservoir releases are 1,500 cfs. The snowpack has melted, however high soil moisture content continues to contribute to streamflow. The reservoir elevation is slowly rising.

Inflows are forecasted to be significantly above average the next three months in part due to increased soil moisture content: 1,400 kaf (154%) for August, 80 kaf (151%) for September and 65 kaf (135%) for October. The Colorado Basin River Forecast Center has also issued the water year 2012 outlook. Inflows for the coming water year are projected to be 1,170 kaf (94%).

The next Fontenelle Working Group meeting is scheduled for August 18, 2011 at 10:00 am at the Joint Powers Water Board water treatment plant boardroom in Green River, Wyoming. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir.

Flaming Gorge Reservoir – Unregulated inflow into Flaming Gorge Reservoir during the month of June was 772,000 acre-feet (AF), or 298 percent of average inflow. Spring runoff has ended and the Yampa River and Green River above Flaming Gorge Reservoir are at base flows at an average daily release of 2,450 cfs/day. Flaming Gorge reservoir elevation is decreasing and expected to continue decreasing through the winter to meet the May 1 target elevation of 6027 feet.

The Colorado Basin River Forecast Center and Natural Resources Conservation Service have issued the joint water supply forecast for the 2011 spring runoff. The Flaming Gorge Reservoir observed April – July unregulated inflow volume was 1,926 thousand acre-feet (kaf) or 162 percent of average. The August forecast for August and September is 160 kaf (148 percent of average) and 90 kaf (138 percent of average), respectively.

Yampa River flows during the base flow period impact hourly release schedules because flows must remain within 0.1 meter stage change as measured at the USGS stream gage located on the Green River at Jensen, Utah. As the Yampa River flows decrease, the Flaming Gorge release schedule will change.

The next Flaming Gorge Working Group meeting is scheduled for August 23, 2011, at 11:00 a.m. at the Western Park Convention Center, 302 East 200 South, Vernal, Utah. The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stake holders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations and plans presented by Reclamation

at these meetings. For more information on this group and these meetings please contact Heather Hermansen at 801-524-3883 or Ed Vidmar at 801-379-1182.

Aspinall Unit Reservoirs – Hydrologic conditions were on the wet side during the month of July. Early monsoonal moisture combined with the late season snowmelt runoff to help keep river flows high for much of the month. July unregulated inflow into Blue Mesa Reservoir was 223,000 acre-feet or 145 percent of average. The current inflow rate into Blue Mesa Reservoir is approximately 1,600 cfs while reservoir releases are averaging 1,800 cfs. Blue Mesa's present elevation is 7516.34 feet, which corresponds to a storage content of about 802,000 acre-feet. The observed April through July runoff into Blue Mesa Reservoir was recorded at 893,000 acre-feet, or 124 percent of average. The reservoir reached a high elevation of 7519.21 feet on July 19, 2011, which was approximately 0.19 feet below "full" pool. Full pool is actually defined by the top of the spillway gates at elevation 7519.4 feet, but we rarely fill to that level due to safety concerns for the reservoir. For practical purposes; the reservoir is considered full at elevations above 7516.4 feet. Precipitation during July was 120 percent of average.

Releases from Crystal Dam have recently decreased from 3100 cfs down to 2050 cfs. The Gunnison Diversion Tunnel is currently diverting about 950 cfs, which results in a river flow below the diversion tunnel of approximately 1100 cfs. As in years past there seems to be about 100 cfs discrepancy between the different gage readings. These reservoir release rates are changing as conditions warrant, primarily as we respond to changes in reservoir inflow rates.

The next meeting of the "Aspinall Unit Working Group" will be held on Thursday, August 26, 2011 at Elk Creek Visitors Center at Blue Mesa Reservoir. At this meeting, review of this spring's reservoir operations, and plans for this summer and fall operations will be discussed. These meetings are open forum discussions on the Aspinall Unit reservoir operations with many interested groups participating. Anyone needing further information about these meetings should contact Dan Crabtree in the Grand Junction Area Office at (970) 248-0652.

Navajo Reservoir - Releases from Navajo Reservoir are currently set at 500 cubic feet per second (cfs). Releases are made for the authorized purposes of the Navajo Unit, and to attempt to maintain a target base flow through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell).

The San Juan River Basin Recovery Implementation Program recommends a target base flow of between 500 cfs and 1,000 cfs through the critical habitat area. The target base flow is calculated as the weekly average of gauged flows throughout the critical habitat area, therefore daily flows of less than 500 cfs may occur at some gages.

Reclamation continues to closely monitor weather and stream flow conditions making adjustments to the Navajo Reservoir release as necessary.

July unregulated inflow into Navajo Reservoir was 40,000 acre-feet, or 48 percent of average. The total runoff for the 2011 season ending July (April-July) was recorded at 579,000 acre-feet, or about 74 percent of average runoff. The reservoir had a seasonal peak elevation of 6068.67 feet on July 1, 2011.

This year's spring peak operations happened over June 8th through June 14th when releases of 5,000 cfs were made. Release flows started to decrease on June 15th and reached 500 cfs on Friday, June 17th.

Currently the daily reservoir inflow is averaging 400 cfs while reservoir releases to the San Juan River are set at 500 cfs. NIIP diversions are approximately 700 cfs. The reservoir water surface elevation is currently 6065.19 feet, which corresponds to storage content of about 1,415,000 acre-feet.

A public meeting on Navajo Reservoir operations will be held on Tuesday, August 30, 2011 at 1:00 p.m. in Farmington, New Mexico. At this meeting, review of last spring and summer reservoir operations, and plans for this fall and winter 2011/2012 operations will be discussed. These are open forum discussions on the operation of Navajo Reservoir with many interested groups participating. Anyone interested in the general operation of the reservoir is encouraged to attend. Please contact Ryan Christianson in Reclamation's Durango, Colorado Office at (970) 385-6590 for information about these meetings or the daily operation of Navajo Reservoir.

Glen Canyon Dam / Lake Powell – The unregulated inflow volume to Lake Powell in July was 4.35 maf (279% of average). This year the unregulated inflow in July was the second wettest July since the closure of Glen Canyon Dam (1963). The April through July unregulated inflow to Lake Powell for 2011 was 12.92 maf (163% of average) and this was the third wettest April through July period since the closure of Glen Canyon Dam.

In terms of reservoir elevation and storage, Lake Powell reached its peak for water year 2011 on July 30, 2011 which was 3660.9 feet (39.1 feet from full pool) and 18.61 maf (76.5% of capacity), respectively. Releases now exceed inflows and the elevation and storage are now slowly decreasing each day. The peak reservoir elevation and storage that occurred in water year 2010 was 3638.8 feet (61.2 feet below full pool) and 15.86 maf (65.2% of capacity) and this occurred on July 5, 2010. As of August 11, 2011 the reservoir elevation and storage in Lake Powell was 3659.64 feet (40.36 feet from full pool) and 18.45 maf (75.8% of capacity), respectively.

Current Dam Operations

Releases from Glen Canyon Dam are approximately 24,600 cfs which is very near the full capacity of the powerplant. The release volume for August will likely be about 1.45 maf. In late August, releases from Glen Canyon Dam will be reduced over 3 days to approximately 14,800 cfs on September 1, 2011. During the transition to the lower level, releases will likely fluctuate for power generation.

Beginning on September 1, 2011 a steady flow experiment will begin and releases will be maintained steady at approximately 14,800 cfs until November 1, 2011. This will be the fourth year of a five year program of steady flows in September and October. The targeted release rate of 14,800 cfs is the current estimate of the maximum sustainable release rate for all 61 days during September and October given the current maintenance schedule for Glen Canyon Dam. It is possible that the actual maximum sustainable release rate during September and October could be somewhat higher. Reclamation will attempt to set the targeted release rate for the steady flow experiment at the highest level possible and this will be determined near the end of August.

While the release rate from Glen Canyon Dam over the next several months will likely be near steady, the instantaneous releases from Glen Canyon Dam may fluctuate somewhat to provide 40 MW of system regulation. These instantaneous release adjustments maintain stable conditions within the electrical generation and transmission system and result in momentary release fluctuations within a range of about 1100 cfs above or below the targeted hourly release rate. The momentary fluctuations for regulation are very short lived and typically balance out over the hour.

Spinning and non-spinning reserve generation is also maintained at Glen Canyon Dam. In order for Colorado River Storage Project (CRSP) powerplants to participate in the electrical generation and transmissions system, these powerplants must maintain a level of generation capacity available in reserve to assist the local control area for when unanticipated generation outages occur. The current CRSP powerplant reserve requirement is 100 MW (equivalent to approximately 2,675 cfs of release from Glen Canyon Dam). When an electrical outage occurs within the control area, CRSP powerplants can be called upon to provide up to 100 MW of additional generation for up to 2 hours. Under normal circumstances, calls for reserves are infrequent and for much less than the required 100 MW. Because Glen Canyon Powerplant is the largest facility of the CRSP powerplants, most of the CRSP reserve requirement is maintained at Glen Canyon Dam.

The Operating Tier for coordinated operations of Lake Powell and Lake Mead during water year 2011, pursuant to the Interim Guidelines has been the Upper Elevation Balancing Tier. In April, based on the projected end of water year elevation of Lake Powell, a shift was made such that the Equalization Tier has governed operation of Lake Powell since then. Reclamation has been operating Glen Canyon Dam with the intent of achieving Equalization by September 30, 2011. Due to significantly high inflows this spring and summer however, it is very likely that Equalization will not be fully achieved by September 30, 2011. Reclamation will continue to operate Glen Canyon Dam to release water at near full capacity of the Glen Canyon Powerplant until Equalization is fully achieved for 2011.

Current Inflow Forecasts and Model Projections

The August 24-Month Study projects the annual release volume for water year 2011 will be 12.45 maf and the end of water year reservoir elevation and storage for Lake Powell will be 3656.91 feet (43.09 feet from full pool) and 18.092 maf (74.4% of capacity), respectively.

The hydrologic outlook forecast for water year 2012 projects that the most probable (median) unregulated inflow volume will be 12.6 maf (105% of average based on the period from 1971 through 2000). Based on this hydrologic outlook, the August 24-Month Study projects the annual release from Lake Powell during water year 2012 will be 13.57 maf and the end of water year 2012 reservoir elevation and storage for Lake Powell to be 3646.4 feet (53.6 feet from full pool) and 16.77 maf (69% of capacity), respectively.

Colorado River Basin Hydrology

Since water year 2005, hydrologic conditions in the Upper Colorado River Basin have been slightly below average with significant variability from year to year. The average unregulated inflow to Lake Powell during the period from 2005 through 2011, which is a good measure of the hydrologic conditions in the Colorado River Basin, were 11.2 maf which is slightly below the official average of 12.0 maf (based on the period from 1971 through 2000). The variability during this period has been from a low water year unregulated inflow of 8.4 maf (70% of average) in water year 2006 to a high of over 17.0 maf (141% of average) which is the projected for water year 2011.

Overall reservoir storage in the Colorado River Basin has increased by nearly 10 maf since the beginning of water year 2005 and this is a significant improvement over the drought conditions during water years 2000 through 2004. On October 1, 2004, the beginning of water year 2005, the total reservoir storage in the Colorado River Basin was 29.84 maf (50.2% of capacity). As of August 12, 2011, the total reservoir storage in the Colorado River Basin was 39.28 maf (66.1% of capacity).

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-430
125 SOUTH STATE STREET, ROOM 6107
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-3709

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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:	Obs			jul	Forecast			Observed	
:	apr	may	jun	jul	%Avg	aug	sep	oct	apr-jul %Avg
GLDA3:Lake Powell	978	2179	5409	4354	280%:	1000/	670/	700/	12920/: 163%
GBRW4:Fontenelle	92	161	429	539	254%:	140/	80/	65/	1221/: 142%
GRNU1:Flaming Gorge	159	327	668	772	298%:	160/	90/	73/	1926/: 162%
BMDC2:Blue Mesa	77	168	425	223	167%:	73/	49/	46/	893/: 124%
MPSC2:Morrow Point	84	191	455	231	164%:	77/	52/	49/	961/: 122%
CLSC2:Crystal	92	204	516	255	158%:	86/	59/	56/	1067/: 117%
TPIC2:Taylor Park	7.5	22	64	37	167%:	12.5/	9/	8.5/	131/: 127%
VCRC2:Vallecito	22	44	79	23	66%:	20/	16/	12.5/	168/: 82%
NVRN5:Navajo	115	172	252	40	48%:	28/	32/	35/	579/: 74%
LEMC2:Lemon	4.3	12.1	24	4.0	49%:	4.5/	3.2/	2.3/	44/: 76%
MPHC2:McPhee	46	98	108	22e	71%:	13.5/	12/	9.5/	274/: 86%
RBSC2:Ridgway	9.4	19.3	55	41	147%:	/	/	/	125/: 123%

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2011 24-Month Study

Most Probable Inflow*

Fontenelle Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Aug 2010	50	2	68	0	68	6501.76	312
H	Sep 2010	29	2	26	35	61	6497.33	279
	WY 2010	**781**	**14**	**530**	**233**	**763**		
I	Oct 2010	31	1	5	55	59	6493.24	250
S	Nov 2010	34	1	53	1	54	6490.17	229
T	Dec 2010	37	1	55	0	55	6487.27	210
O	Jan 2011	29	1	55	0	55	6482.87	183
R	Feb 2011	26	1	50	0	50	6478.35	158
I	Mar 2011	36	1	58	0	58	6473.74	136
C	Apr 2011	92	1	84	15	100	6471.99	128
A	May 2011	161	1	89	79	168	6470.20	120
L	Jun 2011	429	1	87	283	370	6481.96	178
*	Jul 2011	539	2	110	313	424	6498.87	290
	Aug 2011	140	2	92	0	92	6504.86	337
	Sep 2011	80	2	35	36	71	6505.70	343
	WY 2011	**1634**	**14**	**773**	**783**	**1556**		
	Oct 2011	65	1	74	0	74	6504.44	333
	Nov 2011	51	1	71	0	71	6501.72	312
	Dec 2011	44	1	74	0	74	6497.65	281
	Jan 2012	38	1	74	0	74	6492.51	245
	Feb 2012	37	1	67	0	67	6487.92	215
	Mar 2012	54	1	74	0	74	6484.73	194
	Apr 2012	90	1	83	0	83	6485.73	200
	May 2012	179	2	104	0	104	6496.60	274
	Jun 2012	315	3	102	183	285	6500.32	301
	Jul 2012	168	3	101	24	125	6505.49	342
	Aug 2012	75	2	100	2	102	6501.76	312
	Sep 2012	54	2	70	0	70	6499.48	295
	WY 2012	**1170**	**17**	**992**	**210**	**1202**		
	Oct 2012	52	1	71	0	71	6496.81	275
	Nov 2012	43	1	68	0	68	6493.13	249
	Dec 2012	32	1	71	0	71	6487.22	210
	Jan 2013	30	1	71	0	71	6480.38	169
	Feb 2013	28	0	64	0	64	6473.05	133
	Mar 2013	52	0	71	0	71	6468.53	113
	Apr 2013	89	1	83	0	83	6469.95	119
	May 2013	176	1	99	5	104	6484.00	190
	Jun 2013	307	2	103	90	193	6500.34	301
	Jul 2013	185	3	100	40	140	6505.75	344

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2011 24-Month Study

Most Probable Inflow*

Flaming Gorge Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	Aug 2010	54	72	12	100	0	100	129	6026.47	3215	135
H	Sep 2010	22	54	10	106	0	106	127	6024.83	3154	127
	WY 2010	**1018**	**1000**	**79**	**1168**	**1**	**1169**				**2764**
I	Oct 2010	32	60	7	77	0	77	126	6024.21	3131	113
S	Nov 2010	31	52	4	63	0	63	125	6023.83	3117	107
T	Dec 2010	45	64	2	68	0	68	125	6023.67	3111	114
O	Jan 2011	44	70	2	68	0	68	125	6023.69	3112	525
R	Feb 2011	36	60	2	67	0	67	125	6023.47	3104	489
I	Mar 2011	98	120	3	59	0	59	127	6024.99	3160	181
C	Apr 2011	159	166	5	172	0	172	127	6024.71	3150	472
A	May 2011	327	334	8	279	47	326	127	6024.73	3150	1108
L	Jun 2011	667	608	10	254	173	427	133	6029.11	3315	1570
*	Jul 2011	771	656	14	263	94	357	144	6036.07	3590	908
	Aug 2011	160	112	13	151	0	151	142	6034.82	3539	151
	Sep 2011	90	81	12	146	0	146	139	6032.99	3466	146
	WY 2011	**2462**	**2384**	**81**	**1665**	**314**	**1979**				**5883**
	Oct 2011	73	82	8	129	0	129	137	6031.66	3413	129
	Nov 2011	65	85	4	122	0	122	136	6030.67	3375	122
	Dec 2011	56	86	2	126	0	126	134	6029.62	3334	126
	Jan 2012	48	84	2	126	0	126	132	6028.52	3292	126
	Feb 2012	47	77	2	118	0	118	131	6027.42	3250	118
	Mar 2012	80	100	3	126	0	126	130	6026.67	3222	126
	Apr 2012	129	122	5	122	0	122	129	6026.54	3217	122
	May 2012	260	185	8	159	0	159	130	6027.00	3235	159
	Jun 2012	385	355	10	273	0	273	133	6028.82	3304	273
	Jul 2012	184	141	14	116	0	116	133	6029.11	3315	116
	Aug 2012	84	111	13	101	0	101	133	6029.03	3312	101
	Sep 2012	62	78	11	98	0	98	132	6028.23	3281	98
	WY 2012	**1473**	**1505**	**80**	**1617**	**0**	**1617**				**1617**
	Oct 2012	61	80	7	101	0	101	131	6027.50	3253	101
	Nov 2012	51	77	3	98	0	98	130	6026.86	3230	98
	Dec 2012	36	74	2	101	0	101	129	6026.13	3202	101
	Jan 2013	41	81	2	101	0	101	128	6025.57	3181	101
	Feb 2013	46	82	2	92	0	92	127	6025.26	3170	92
	Mar 2013	104	123	3	101	0	101	128	6025.73	3187	101
	Apr 2013	142	136	5	98	0	98	129	6026.58	3219	98
	May 2013	265	193	8	130	0	130	132	6027.98	3272	130
	Jun 2013	399	285	10	211	0	211	134	6029.56	3332	211
	Jul 2013	218	174	14	98	0	98	136	6031.09	3391	98

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Managing Water in the West

August 2011 24-Month Study

Most Probable Inflow*

Taylor Park Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Aug 2010	10	17	9316.06	80
H	Sep 2010	6	14	9311.57	72
	WY 2010	**121**	**122**		
I	Oct 2010	7	6	9312.21	73
S	Nov 2010	5	5	9312.27	74
T	Dec 2010	5	5	9312.71	74
O	Jan 2011	5	5	9312.70	74
R	Feb 2011	4	4	9312.51	74
I	Mar 2011	5	6	9311.89	73
C	Apr 2011	7	8	9311.44	72
A	May 2011	22	33	9304.21	61
L	Jun 2011	65	28	9326.09	98
*	Jul 2011	37	39	9325.07	96
	Aug 2011	13	28	9316.63	81
	Sep 2011	9	16	9312.50	74
	WY 2011	**182**	**181**		
	Oct 2011	9	10	9311.59	72
	Nov 2011	6	6	9311.59	72
	Dec 2011	6	6	9311.28	72
	Jan 2012	5	6	9310.66	71
	Feb 2012	5	6	9309.72	69
	Mar 2012	5	6	9308.76	68
	Apr 2012	9	10	9308.12	67
	May 2012	30	18	9315.48	79
	Jun 2012	47	24	9327.88	102
	Jul 2012	19	24	9325.33	97
	Aug 2012	10	22	9318.62	84
	Sep 2012	8	16	9313.71	76
	WY 2012	**156**	**154**		
	Oct 2012	6	10	9311.58	72
	Nov 2012	5	6	9310.98	71
	Dec 2012	4	6	9310.02	70
	Jan 2013	4	6	9308.89	68
	Feb 2013	4	6	9307.59	66
	Mar 2013	4	6	9306.44	64
	Apr 2013	8	8	9306.66	65
	May 2013	27	14	9314.86	78
	Jun 2013	43	22	9326.27	99
	Jul 2013	20	22	9325.46	97

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August 2011 24-Month Study

Most Probable Inflow*

Blue Mesa Reservoir

	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Aug 2010	56	63	1	92	0	92	7500.54	666
H	Sep 2010	23	31	1	86	0	86	7493.54	609
	WY 2010	**725**	**727**	**8**	**754**	**6**	**760**		
I	Oct 2010	29	29	1	85	0	85	7486.20	552
S	Nov 2010	27	27	0	24	0	24	7486.60	555
T	Dec 2010	30	29	0	27	0	27	7486.84	557
O	Jan 2011	23	23	0	27	0	27	7486.34	553
R	Feb 2011	21	21	0	43	0	43	7483.46	532
I	Mar 2011	38	39	0	75	0	75	7478.48	495
C	Apr 2011	77	78	1	95	0	95	7475.97	477
A	May 2011	168	179	1	162	0	162	7478.26	493
L	Jun 2011	425	389	1	127	19	146	7508.73	735
*	Jul 2011	222	222	2	150	0	150	7516.80	806
	Aug 2011	73	89	1	130	0	130	7512.01	763
	Sep 2011	49	56	1	116	0	116	7504.93	702
	WY 2011	**1182**	**1180**	**8**	**1060**	**19**	**1079**		
	Oct 2011	46	48	1	82	0	82	7500.73	667
	Nov 2011	35	35	0	52	0	52	7498.63	650
	Dec 2011	30	31	0	99	0	99	7490.00	581
	Jan 2012	29	30	0	82	0	82	7483.14	529
	Feb 2012	25	27	0	62	0	62	7478.27	493
	Mar 2012	35	37	0	38	0	38	7478.00	492
	Apr 2012	81	82	1	47	0	47	7482.70	526
	May 2012	240	228	1	139	0	139	7494.13	614
	Jun 2012	285	262	1	66	0	66	7517.06	808
	Jul 2012	105	110	2	114	0	114	7516.40	803
	Aug 2012	55	68	1	124	0	124	7509.88	745
	Sep 2012	44	53	1	114	0	114	7502.54	682
	WY 2012	**1010**	**1008**	**9**	**1019**	**0**	**1019**		
	Oct 2012	41	44	1	71	0	71	7499.23	655
	Nov 2012	33	34	0	41	0	41	7498.30	647
	Dec 2012	25	27	0	93	0	93	7490.00	581
	Jan 2013	24	26	0	79	0	79	7482.99	528
	Feb 2013	22	24	0	54	0	54	7478.87	498
	Mar 2013	34	36	0	36	0	36	7478.80	497
	Apr 2013	73	73	1	48	0	48	7482.08	521
	May 2013	212	199	1	109	0	109	7493.66	610
	Jun 2013	271	250	1	67	0	67	7515.21	792
	Jul 2013	121	122	2	110	0	110	7516.40	802

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Most Probable Inflow*

Morrow Point Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Aug 2010	56	92	1	93	93	0	93	7155.63	114
H	Sep 2010	23	86	0	87	92	0	92	7148.78	108
	WY 2010	**773**	**760**	**48**	**807**	**805**	**0**	**805**		
I	Oct 2010	30	85	1	86	82	0	82	7153.88	112
S	Nov 2010	29	24	1	25	26	0	26	7152.79	111
T	Dec 2010	30	27	0	28	27	0	27	7153.98	112
O	Jan 2011	23	27	0	27	27	0	27	7153.70	112
R	Feb 2011	21	43	0	43	44	0	44	7152.08	111
I	Mar 2011	38	75	1	75	73	0	73	7154.37	113
C	Apr 2011	84	95	7	102	104	0	104	7152.20	111
A	May 2011	191	162	23	185	181	0	181	7156.18	114
L	Jun 2011	455	146	30	176	170	0	176	7155.72	114
*	Jul 2011	231	150	9	159	159	0	159	7155.22	113
	Aug 2011	77	130	4	134	135	0	135	7153.73	112
	Sep 2011	52	116	3	119	119	0	119	7153.73	112
	WY 2011	**1262**	**1079**	**80**	**1158**	**1148**	**0**	**1154**		
	Oct 2011	49	82	3	85	85	0	85	7153.73	112
	Nov 2011	37	52	2	54	54	0	54	7153.73	112
	Dec 2011	32	99	2	101	101	0	101	7153.73	112
	Jan 2012	32	82	3	85	85	0	85	7153.73	112
	Feb 2012	28	62	3	65	65	0	65	7153.73	112
	Mar 2012	39	38	4	42	42	0	42	7153.73	112
	Apr 2012	93	47	12	59	59	0	59	7153.73	112
	May 2012	270	139	30	169	169	0	169	7153.73	112
	Jun 2012	305	66	20	86	86	0	86	7153.73	112
	Jul 2012	110	114	5	119	119	0	119	7153.73	112
	Aug 2012	58	124	3	127	127	0	127	7153.73	112
	Sep 2012	47	114	3	117	117	0	117	7153.73	112
	WY 2012	**1100**	**1019**	**90**	**1109**	**1109**	**0**	**1109**		
	Oct 2012	44	71	3	74	74	0	74	7153.73	112
	Nov 2012	35	41	2	43	43	0	43	7153.73	112
	Dec 2012	27	93	2	95	95	0	95	7153.73	112
	Jan 2013	26	79	2	81	81	0	81	7153.73	112
	Feb 2013	25	54	3	57	57	0	57	7153.73	112
	Mar 2013	38	36	4	40	40	0	40	7153.73	112
	Apr 2013	84	48	11	59	59	0	59	7153.73	112
	May 2013	237	109	25	134	134	0	134	7153.73	112
	Jun 2013	292	67	21	88	88	0	88	7153.73	112
	Jul 2013	127	110	7	117	117	0	117	7153.73	112

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Most Probable Inflow*

Crystal Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
*	Aug 2010	61	93	5	98	98	0	98	6749.05	16	68	37
H	Sep 2010	26	92	3	95	95	0	95	6748.16	16	63	36
	WY 2010	**859**	**805**	**86**	**891**	**824**	**63**	**890**			**415**	**528**
I	Oct 2010	34	82	4	86	85	0	85	6750.41	16	51	33
S	Nov 2010	32	26	4	30	30	0	30	6748.60	16	1	29
T	Dec 2010	34	27	4	31	31	0	31	6748.24	16	1	30
O	Jan 2011	27	27	4	31	30	1	31	6749.02	16	1	30
R	Feb 2011	24	44	3	47	24	23	46	6751.55	17	1	47
I	Mar 2011	43	73	5	78	78	0	78	6751.94	17	5	76
C	Apr 2011	92	104	8	112	110	2	112	6752.03	17	38	79
A	May 2011	204	181	13	195	126	68	194	6753.39	17	63	137
L	Jun 2011	516	176	61	237	120	81	237	6752.90	17	62	183
*	Jul 2011	255	159	23	182	128	58	186	6739.47	13	62	136
	Aug 2011	86	135	9	144	135	5	140	6753.04	17	65	75
	Sep 2011	59	119	7	126	126	0	126	6753.04	17	55	71
	WY 2011	**1407**	**1154**	**145**	**1298**	**1023**	**237**	**1297**			**404**	**927**
	Oct 2011	56	85	7	92	92	0	92	6753.04	17	30	62
	Nov 2011	42	54	5	59	59	0	59	6753.04	17	0	59
	Dec 2011	37	101	5	106	106	0	106	6753.04	17	0	106
	Jan 2012	39	85	7	92	92	0	92	6753.04	17	0	92
	Feb 2012	32	65	4	69	69	0	69	6753.04	17	0	69
	Mar 2012	45	42	6	48	48	0	48	6753.04	17	5	43
	Apr 2012	106	59	13	72	72	0	72	6753.04	17	30	42
	May 2012	305	169	35	204	134	70	204	6753.04	17	55	149
	Jun 2012	345	86	40	126	126	0	126	6753.04	17	60	66
	Jul 2012	124	119	14	133	133	0	133	6753.04	17	65	68
	Aug 2012	65	127	7	134	134	0	134	6753.04	17	65	69
	Sep 2012	54	117	7	124	124	0	124	6753.04	17	55	69
	WY 2012	**1250**	**1109**	**150**	**1259**	**1190**	**70**	**1259**			**365**	**894**
	Oct 2012	50	74	7	80	80	0	80	6753.04	17	30	50
	Nov 2012	40	43	5	49	49	0	49	6753.04	17	0	49
	Dec 2012	32	95	5	99	99	0	99	6753.04	17	0	99
	Jan 2013	31	81	5	86	86	0	86	6753.04	17	0	86
	Feb 2013	29	57	4	61	61	0	61	6753.04	17	0	61
	Mar 2013	46	40	7	47	47	0	47	6753.04	17	5	42
	Apr 2013	96	59	12	71	71	0	71	6753.04	17	30	41
	May 2013	272	134	35	169	134	35	169	6753.04	17	55	114
	Jun 2013	330	88	38	126	126	0	126	6753.04	17	60	66
	Jul 2013	144	117	17	134	134	0	134	6753.04	17	65	69

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Most Probable Inflow*

Vallecito Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Aug 2010	19	33	7645.00	75
H	Sep 2010	10	26	7637.70	59
	WY 2010	**210**	**196**		
I	Oct 2010	12	13	7636.95	58
S	Nov 2010	7	2	7639.20	63
T	Dec 2010	6	2	7641.20	67
O	Jan 2011	5	2	7642.53	70
R	Feb 2011	4	2	7643.62	72
I	Mar 2011	7	2	7645.67	77
C	Apr 2011	22	4	7653.10	95
A	May 2011	44	27	7659.70	111
L	Jun 2011	79	64	7664.94	125
*	Jul 2011	23	39	7658.78	109
	Aug 2011	20	36	7652.17	92
	Sep 2011	16	30	7646.31	78
	WY 2011	**244**	**222**		
	Oct 2011	13	16	7644.71	75
	Nov 2011	9	5	7646.16	78
	Dec 2011	6	6	7646.29	78
	Jan 2012	5	5	7646.26	78
	Feb 2012	5	4	7646.29	78
	Mar 2012	8	3	7648.10	82
	Apr 2012	23	3	7656.15	102
	May 2012	73	61	7660.74	114
	Jun 2012	80	70	7664.38	124
	Jul 2012	27	41	7658.72	109
	Aug 2012	18	38	7650.74	89
	Sep 2012	15	29	7644.67	75
	WY 2012	**280**	**280**		
	Oct 2012	13	13	7644.38	74
	Nov 2012	8	6	7645.25	76
	Dec 2012	6	5	7645.85	77
	Jan 2013	5	3	7646.73	79
	Feb 2013	5	3	7647.54	81
	Mar 2013	8	3	7649.56	86
	Apr 2013	22	10	7654.19	97
	May 2013	69	65	7655.75	101
	Jun 2013	78	66	7659.94	112
	Jul 2013	31	43	7654.97	99

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2011 24-Month Study

Most Probable Inflow*

Navajo Reservoir

	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azetea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Farmington Flow (1000 Ac-Ft)
*	Aug 2010	39	2	52	4	35	41	6067.48	1446	69
H	Sep 2010	24	1	39	3	25	45	6064.97	1412	57
	WY 2010	**855**	**89**	**753**	**29**	**202**	**423**			**802**
I	Oct 2010	24	0	26	2	8	36	6063.49	1393	46
S	Nov 2010	17	0	12	1	1	29	6062.08	1374	46
T	Dec 2010	23	0	19	1	1	30	6061.11	1362	42
O	Jan 2011	16	0	13	1	1	31	6059.58	1342	50
R	Feb 2011	18	0	15	1	1	28	6058.41	1328	45
I	Mar 2011	41	2	35	2	4	31	6058.28	1326	46
C	Apr 2011	115	14	84	2	19	31	6060.75	1357	44
A	May 2011	172	22	134	4	28	32	6066.13	1428	79
L	Jun 2011	252	43	193	4	42	113	6068.65	1462	295
*	Jul 2011	40	8	46	5	48	31	6065.88	1424	101
	Aug 2011	28	2	43	4	37	48	6062.42	1379	48
	Sep 2011	32	1	45	3	21	32	6061.57	1368	32
	WY 2011	**779**	**92**	**665**	**28**	**210**	**471**			**874**
	Oct 2011	35	0	38	2	8	31	6061.43	1366	31
	Nov 2011	33	0	30	1	0	30	6061.34	1365	30
	Dec 2011	23	0	23	1	0	31	6060.64	1356	31
	Jan 2012	21	0	21	1	0	31	6059.82	1346	31
	Feb 2012	28	0	28	1	0	28	6059.75	1345	28
	Mar 2012	83	1	78	2	4	31	6062.97	1386	31
	Apr 2012	161	16	125	3	17	30	6068.64	1462	30
	May 2012	285	35	237	4	29	121	6074.62	1546	121
	Jun 2012	245	27	208	5	44	182	6072.98	1522	182
	Jul 2012	56	4	67	5	47	37	6071.44	1501	37
	Aug 2012	35	2	53	4	40	42	6069.09	1468	42
	Sep 2012	35	1	48	3	22	36	6068.12	1455	36
	WY 2012	**1040**	**85**	**955**	**29**	**210**	**629**			**629**
	Oct 2012	36	0	36	2	8	31	6067.80	1450	31
	Nov 2012	31	0	29	1	0	30	6067.67	1449	30
	Dec 2012	24	0	22	1	0	31	6067.00	1440	31
	Jan 2013	22	0	20	1	0	31	6066.13	1428	31
	Feb 2013	30	0	29	1	0	27	6066.18	1428	27
	Mar 2013	88	1	83	2	4	31	6069.57	1475	31
	Apr 2013	174	16	146	3	17	34	6076.11	1567	34
	May 2013	279	35	239	4	29	200	6076.52	1573	200
	Jun 2013	246	27	208	5	44	212	6072.84	1520	212
	Jul 2013	74	4	82	5	47	37	6072.42	1514	37

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2011 24-Month Study

Most Probable Inflow*

Lake Powell

	Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry (1000 Ac-Ft)
*	Aug 2010	504	608	64	802	0	802	3634.55	18050	15369	826
H	Sep 2010	277	461	58	480	0	480	3633.66	18075	15267	490
	WY 2010	**8634**	**8674**	**444**	**8234**	**0**	**8235**				**8419**
I	Oct 2010	362	512	41	495	0	495	3634.08	18003	15315	502
S	Nov 2010	438	474	39	810	0	810	3630.31	18056	14888	826
T	Dec 2010	416	446	30	847	0	847	3626.54	18044	14469	865
O	Jan 2011	381	429	9	997	0	997	3620.55	18113	13822	1015
R	Feb 2011	317	377	10	964	0	964	3614.95	18103	13235	984
I	Mar 2011	579	581	16	1033	0	1033	3610.73	18066	12804	1055
C	Apr 2011	977	937	25	940	0	940	3611.93	17917	12926	965
A	May 2011	2178	2205	30	1171	0	1171	3623.13	17749	14098	1207
L	Jun 2011	5408	4866	54	1377	0	1377	3648.98	18193	17089	1419
*	Jul 2011	4353	3780	74	1483	0	1483	3660.86	18900	18605	1532
	Aug 2011	1000	1103	75	1447	0	1447	3657.89	18869	18218	1447
	Sep 2011	670	815	68	883	0	883	3656.91	18859	18092	883
	WY 2011	**17079**	**16526**	**469**	**12448**	**0**	**12448**				**12699**
	Oct 2011	700	795	47	912	0	912	3655.74	18847	17940	912
	Nov 2011	650	721	44	1220	0	1220	3651.77	18807	17437	1220
	Dec 2011	550	697	34	1400	0	1400	3646.26	18752	16754	1400
	Jan 2012	500	641	11	1200	0	1200	3641.89	18710	16227	1200
	Feb 2012	450	558	11	900	0	900	3639.12	18684	15900	900
	Mar 2012	700	702	19	1000	0	1000	3636.61	18660	15606	1000
	Apr 2012	1100	960	29	1100	0	1100	3635.25	18648	15449	1100
	May 2012	2600	2298	36	1117	0	1117	3644.24	18732	16510	1117
	Jun 2012	3050	2727	59	1275	0	1275	3654.64	18836	17800	1275
	Jul 2012	1250	1222	72	1380	0	1380	3652.96	18819	17587	1380
	Aug 2012	550	685	71	1151	0	1151	3648.99	18779	17090	1151
	Sep 2012	500	630	64	910	0	910	3646.40	18753	16772	910
	WY 2012	**12600**	**12637**	**497**	**13565**	**0**	**13565**				**13565**
	Oct 2012	544	617	44	941	0	941	3643.60	18726	16432	941
	Nov 2012	539	593	41	600	0	600	3643.22	18723	16387	600
	Dec 2012	414	554	33	800	0	800	3641.06	18702	16128	800
	Jan 2013	384	508	10	800	0	800	3638.68	18679	15848	800
	Feb 2013	398	472	11	800	0	800	3635.99	18654	15534	800
	Mar 2013	628	575	19	600	0	600	3635.64	18651	15494	600
	Apr 2013	950	774	29	850	0	850	3634.79	18643	15396	850
	May 2013	2161	1909	36	950	0	950	3642.09	18712	16251	950
	Jun 2013	2811	2456	58	1000	0	1000	3652.64	18815	17546	1000
	Jul 2013	1346	1228	72	1100	0	1100	3653.05	18819	17598	1100

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2011 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Glen Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Aug 2010	802	126	72	829	13.5	33	823	673	1086.91	10352
H	Sep 2010	480	82	59	758	12.7	23	755	656	1083.81	10092
	WY 2010	**8235**	**928**	**564**	**9260**		**235**	**9039**			
I	Oct 2010	495	80	42	638	10.4	24	607	648	1082.36	9971
S	Nov 2010	810	13	42	800	13.4	18	795	646	1081.94	9936
T	Dec 2010	847	248	37	660	10.7	9	630	670	1086.30	10301
O	Jan 2011	997	74	31	540	8.8	8	526	700	1091.73	10765
R	Feb 2011	964	84	29	635	11.4	9	616	723	1095.78	11117
I	Mar 2011	1033	77	33	1006	16.4	15	1002	726	1096.39	11170
C	Apr 2011	940	140	40	1078	18.1	20	1066	722	1095.76	11115
A	May 2011	1171	104	47	1001	16.3	25	997	735	1097.90	11304
L	Jun 2011	1377	72	57	939	15.8	25	938	761	1102.38	11705
*	Jul 2011	1483	75	73	1001	16.3	27	1000	789	1107.07	12133
	Aug 2011	1447	109	80	817	13.3	26	817	827	1113.42	12728
	Sep 2011	883	70	67	642	10.8	18	642	841	1115.64	12939
	WY 2011	**12448**	**1145**	**578**	**9758**		**224**	**9638**			
	Oct 2011	912	59	49	434	7.1	22	434	869	1120.18	13377
	Nov 2011	1220	48	50	619	10.4	21	619	905	1125.68	13919
	Dec 2011	1400	99	45	524	8.5	17	524	961	1134.12	14777
	Jan 2012	1200	76	38	697	11.3	16	697	993	1138.85	15271
	Feb 2012	900	92	35	719	12.5	14	719	1006	1140.84	15481
	Mar 2012	1000	80	39	1022	16.6	20	1022	1006	1140.83	15479
	Apr 2012	1100	60	49	1146	19.3	16	1146	1003	1140.37	15432
	May 2012	1117	49	56	983	16.0	27	983	1009	1141.26	15525
	Jun 2012	1275	23	69	850	14.3	22	850	1031	1144.37	15860
	Jul 2012	1380	50	88	890	14.5	24	890	1057	1148.05	16263
	Aug 2012	1151	109	95	811	13.2	26	811	1077	1150.82	16570
	Sep 2012	910	70	79	668	11.2	18	668	1090	1152.61	16772
	WY 2012	**13565**	**815**	**692**	**9363**		**243**	**9363**			
	Oct 2012	941	59	59	461	7.5	22	461	1118	1156.36	17202
	Nov 2012	600	48	59	570	9.6	21	570	1118	1156.34	17200
	Dec 2012	800	99	51	555	9.0	17	555	1135	1158.56	17459
	Jan 2013	800	76	42	709	11.5	16	709	1141	1159.42	17561
	Feb 2013	800	92	39	715	12.9	15	715	1149	1160.39	17676
	Mar 2013	600	80	44	1053	17.1	21	1053	1122	1156.90	17265
	Apr 2013	850	60	53	1142	19.2	17	1142	1104	1154.45	16982
	May 2013	950	49	61	1031	16.8	27	1031	1096	1153.46	16869
	Jun 2013	1000	23	73	958	16.1	23	958	1095	1153.21	16840
	Jul 2013	1100	50	91	949	15.4	25	949	1100	1153.91	16920

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2011 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Aug 2010	829	-12	23	838	0	838	13.6	641.95	1670
H	Sep 2010	758	-2	18	833	0	833	14.0	638.40	1575
	WY 2010	**9260**	**-172**	**197**	**8816**	**0**	**8816**			
I	Oct 2010	638	6	15	766	0	766	12.5	633.10	1437
S	Nov 2010	800	-29	10	631	0	631	10.6	638.09	1567
T	Dec 2010	660	-15	9	553	0	553	9.0	641.21	1650
O	Jan 2011	540	-7	10	502	0	502	8.2	641.95	1670
R	Feb 2011	635	-10	10	586	0	586	10.5	643.01	1699
I	Mar 2011	1006	-11	13	976	0	976	15.9	643.23	1705
C	Apr 2011	1078	-13	17	1047	0	1047	17.6	643.30	1707
A	May 2011	1001	-10	22	949	0	949	15.4	644.04	1727
L	Jun 2011	939	-9	25	954	0	954	16.0	642.27	1679
*	Jul 2011	1001	-10	25	943	0	943	15.3	643.11	1702
	Aug 2011	817	-5	23	820	0	820	13.3	642.00	1671
	Sep 2011	642	1	18	732	0	732	12.3	638.00	1564
	WY 2011	**9758**	**-112**	**198**	**9459**	**0**	**9459**			
	Oct 2011	434	3	15	552	0	552	9.0	633.00	1434
	Nov 2011	619	-10	10	548	0	548	9.2	635.00	1486
	Dec 2011	524	-13	9	404	0	404	6.6	638.71	1583
	Jan 2012	697	-17	10	587	0	587	9.6	641.80	1666
	Feb 2012	719	-6	10	704	0	704	12.2	641.80	1666
	Mar 2012	1022	-15	13	960	0	960	15.6	643.05	1700
	Apr 2012	1146	-15	17	1115	0	1115	18.7	643.00	1699
	May 2012	983	-10	22	951	0	951	15.5	643.00	1699
	Jun 2012	850	-6	25	846	0	846	14.2	642.00	1671
	Jul 2012	890	1	25	879	0	879	14.3	641.50	1658
	Aug 2012	811	-5	23	784	0	784	12.7	641.50	1658
	Sep 2012	668	1	18	744	0	744	12.5	638.00	1564
	WY 2012	**9363**	**-91**	**197**	**9075**	**0**	**9075**			
	Oct 2012	461	3	15	579	0	579	9.4	633.00	1434
	Nov 2012	570	-10	10	499	0	499	8.4	635.00	1486
	Dec 2012	555	-13	9	435	0	435	7.1	638.71	1583
	Jan 2013	709	-17	10	600	0	600	9.8	641.80	1666
	Feb 2013	715	-6	10	700	0	700	12.6	641.80	1666
	Mar 2013	1053	-15	13	991	0	991	16.1	643.05	1700
	Apr 2013	1142	-15	17	1111	0	1111	18.7	643.00	1699
	May 2013	1031	-10	22	998	0	998	16.2	643.00	1699
	Jun 2013	958	-6	25	954	0	954	16.0	642.00	1671
	Jul 2013	949	1	25	938	0	938	15.3	641.50	1658

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Managing Water in the West

August 2011 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	Aug 2010	838	21	17	646	10.5	108	84	448.20	584	101	1.6
H	Sep 2010	833	17	15	583	9.8	98	171	446.95	560	93	1.6
	WY 2010	**8816**	**318**	**140**	**6298**		**1043**	**1572**			**1619**	
I	Oct 2010	766	25	12	465	7.6	102	166	449.14	602	106	1.7
S	Nov 2010	631	38	9	428	7.2	98	159	447.59	572	114	1.9
T	Dec 2010	553	33	7	290	4.7	93	183	448.10	582	147	2.4
O	Jan 2011	502	8	6	391	6.4	52	89	446.40	550	141	2.3
R	Feb 2011	586	15	8	415	7.5	22	135	447.29	567	173	3.1
I	Mar 2011	976	6	9	694	11.3	71	186	448.06	581	199	3.2
C	Apr 2011	1047	18	11	786	13.2	71	180	448.54	590	204	3.4
A	May 2011	949	17	13	691	11.2	83	167	448.68	593	115	1.9
L	Jun 2011	954	13	15	708	11.9	96	155	447.73	575	120	2.0
*	Jul 2011	943	36	17	762	12.4	100	77	448.22	584	128	2.1
	Aug 2011	820	18	17	648	10.5	89	76	448.00	580	95	1.5
	Sep 2011	732	15	15	532	8.9	82	119	447.50	571	89	1.5
	WY 2011	**9459**	**241**	**140**	**6810**		**959**	**1690**			**1631**	
	Oct 2011	552	20	12	434	7.1	18	123	446.31	548	62	1.0
	Nov 2011	548	26	8	379	6.4	12	165	446.50	552	109	1.8
	Dec 2011	404	21	6	281	4.6	12	121	446.50	552	116	1.9
	Jan 2012	587	15	6	342	5.6	85	165	446.50	552	122	2.0
	Feb 2012	704	6	8	464	8.1	77	156	446.50	552	153	2.7
	Mar 2012	960	22	9	702	11.4	85	174	446.70	555	208	3.4
	Apr 2012	1115	18	11	827	13.9	83	166	448.70	593	200	3.4
	May 2012	951	13	13	696	11.3	86	159	448.70	593	111	1.8
	Jun 2012	846	9	16	653	11.0	83	90	448.70	593	112	1.9
	Jul 2012	879	15	17	719	11.7	85	72	448.00	580	118	1.9
	Aug 2012	784	18	17	629	10.2	85	68	447.50	571	92	1.5
	Sep 2012	744	15	15	540	9.1	61	148	446.81	557	89	1.5
	WY 2012	**9075**	**199**	**139**	**6663**		**771**	**1606**			**1494**	
	Oct 2012	579	20	12	452	7.3	24	113	446.31	548	72	1.2
	Nov 2012	499	26	8	371	6.2	24	111	446.50	552	105	1.8
	Dec 2012	435	21	6	295	4.8	24	125	446.50	552	118	1.9
	Jan 2013	600	15	6	356	5.8	106	142	446.50	552	122	2.0
	Feb 2013	700	6	8	461	8.3	96	136	446.50	552	153	2.8
	Mar 2013	991	22	9	708	11.5	106	179	446.70	555	208	3.4
	Apr 2013	1111	18	11	796	13.4	103	173	448.70	593	200	3.4
	May 2013	998	13	13	703	11.4	106	179	448.70	593	111	1.8
	Jun 2013	954	9	16	676	11.4	103	156	448.70	593	112	1.9
	Jul 2013	938	15	17	730	11.9	106	99	448.00	580	118	1.9

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Managing Water in the West

August 2011 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Aug 2010	829	13.5	1086.91	10352	-5	443.45	1617.0	313.3	100	378.0
H	Sep 2010	758	12.7	1083.81	10092	-261	439.46	1617.0	285.1	100	375.9
	WY 2010	**9260**							**3588.7**		
I	Oct 2010	638	10.4	1082.36	9971	-121	440.25	1104.0	241.3	68	378.5
S	Nov 2010	800	13.4	1081.94	9936	-35	437.87	1185.0	305.1	74	381.4
T	Dec 2010	660	10.7	1086.30	10301	365	439.05	1388.0	246.5	87	373.5
O	Jan 2011	540	8.8	1091.73	10765	463	446.84	1103.0	200.9	69	372.4
R	Feb 2011	635	11.4	1095.78	11117	353	447.78	1414.0	244.7	88	385.7
I	Mar 2011	1006	16.4	1096.39	11170	54	449.79	1232.0	398.2	75	395.8
C	Apr 2011	1078	18.1	1095.76	11115	-55	449.53	1157.0	430.9	70	399.6
A	May 2011	1001	16.3	1097.90	11304	189	452.71	1468.0	394.5	88	393.9
L	Jun 2011	939	15.8	1102.38	11705	401	457.87	1661.0	372.1	100	396.2
*	Jul 2011	1001	16.3	1107.07	12133	429	462.21	1698.0	403.2	100	402.6
	Aug 2011	817	13.3	1113.42	12728	594	456.82	1721.0	336.2	100	411.5
	Sep 2011	642	10.8	1115.64	12939	212	462.75	1787.0	259.7	100	404.4
	WY 2011	**9758**							**3833.6**		
	Oct 2011	434	7.1	1120.18	13377	437	470.51	1463.0	176.9	81	407.2
	Nov 2011	619	10.4	1125.68	13919	542	478.02	1343.0	262.9	73	424.6
	Dec 2011	524	8.5	1134.12	14777	858	482.18	1535.0	216.1	81	412.3
	Jan 2012	697	11.3	1138.85	15271	494	488.76	1167.0	303.5	61	435.7
	Feb 2012	719	12.5	1140.84	15481	210	490.36	1298.0	317.1	68	440.8
	Mar 2012	1022	16.6	1140.83	15479	-1	489.46	1543.0	447.5	81	437.9
	Apr 2012	1146	19.3	1140.37	15432	-48	488.81	1542.0	512.4	81	447.3
	May 2012	983	16.0	1141.26	15525	94	486.95	1906.0	428.4	100	435.7
	Jun 2012	850	14.3	1144.37	15860	335	489.27	1915.0	374.1	100	440.0
	Jul 2012	890	14.5	1148.05	16263	402	493.15	1924.0	394.9	100	443.7
	Aug 2012	811	13.2	1150.82	16570	307	496.53	1937.0	357.7	100	441.0
	Sep 2012	668	11.2	1152.61	16772	202	499.96	1937.0	289.1	100	433.0
	WY 2012	**9363**							**4080.6**		
	Oct 2012	461	7.5	1156.36	17202	431	505.84	1779.0	199.2	91	432.1
	Nov 2012	570	9.6	1156.34	17200	-2	510.82	1522.0	251.2	78	440.5
	Dec 2012	555	9.0	1158.56	17459	259	510.05	1531.0	241.6	78	435.5
	Jan 2013	709	11.5	1159.42	17561	101	511.25	1198.8	321.3	61	453.2
	Feb 2013	715	12.9	1160.39	17676	115	510.41	1329.1	327.2	68	457.5
	Mar 2013	1053	17.1	1156.90	17265	-411	507.25	1590.0	477.6	81	453.5
	Apr 2013	1142	19.2	1154.45	16982	-284	503.86	1593.1	523.8	81	458.9
	May 2013	1031	16.8	1153.46	16869	-113	500.06	1963.0	454.1	100	440.5
	Jun 2013	958	16.1	1153.21	16840	-29	499.77	1963.0	418.7	100	437.2
	Jul 2013	949	15.4	1153.91	16920	80	500.49	1963.0	420.9	100	443.6

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2104

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2011 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Aug 2010	838	13.6	641.95	1670	-44	140.67	255.0	105.9	100	126.4
H	Sep 2010	833	14.0	638.40	1575	-95	137.24	255.0	102.6	100	123.1
	WY 2010	**8816**							**1104.5**		
I	Oct 2010	766	12.5	633.10	1437	-138	129.52	209.1	92.1	82	120.2
S	Nov 2010	631	10.6	638.09	1567	130	137.83	153.0	77.2	60	122.5
T	Dec 2010	553	9.0	641.21	1650	84	141.87	168.3	67.8	66	122.6
O	Jan 2011	502	8.2	641.95	1670	20	140.42	153.0	63.3	60	125.9
R	Feb 2011	586	10.5	643.01	1699	29	139.78	181.1	73.6	71	125.6
I	Mar 2011	976	15.9	643.23	1705	6	138.82	204.0	123.0	80	126.0
C	Apr 2011	1047	17.6	643.30	1707	2	141.68	227.0	131.6	89	125.7
A	May 2011	949	15.4	644.04	1727	20	142.61	255.0	120.3	100	126.8
L	Jun 2011	954	16.0	642.27	1679	-48	140.41	249.9	120.6	98	126.4
*	Jul 2011	943	15.3	643.11	1702	23	143.18	255.0	119.3	100	126.5
	Aug 2011	820	13.3	642.00	1671	-30	135.57	255.0	102.8	100	125.4
	Sep 2011	732	12.3	638.00	1564	-107	132.89	255.0	90.4	100	123.5
	WY 2011	**9459**							**1181.9**		
	Oct 2011	552	9.0	633.00	1434	-130	129.96	193.8	66.6	76	120.6
	Nov 2011	548	9.2	635.00	1486	51	128.73	183.6	65.3	72	119.2
	Dec 2011	404	6.6	638.71	1583	97	131.89	178.5	49.7	70	122.8
	Jan 2012	587	9.6	641.80	1666	83	135.70	170.9	73.2	67	124.7
	Feb 2012	704	12.2	641.80	1666	0	137.09	176.0	88.1	69	125.1
	Mar 2012	960	15.6	643.05	1700	34	135.78	242.3	119.5	95	124.6
	Apr 2012	1115	18.7	643.00	1699	-2	136.07	255.0	138.5	100	124.2
	May 2012	951	15.5	643.00	1699	0	136.04	255.0	119.0	100	125.1
	Jun 2012	846	14.2	642.00	1671	-27	135.51	255.0	105.8	100	125.1
	Jul 2012	879	14.3	641.50	1658	-14	134.73	255.0	109.3	100	124.4
	Aug 2012	784	12.7	641.50	1658	0	134.46	255.0	97.7	100	124.7
	Sep 2012	744	12.5	638.00	1564	-94	132.62	255.0	91.7	100	123.2
	WY 2012	**9075**							**1124.5**		
	Oct 2012	579	9.4	633.00	1434	-130	129.17	219.3	69.8	86	120.5
	Nov 2012	499	8.4	635.00	1486	51	126.85	244.8	59.6	96	119.5
	Dec 2012	435	7.1	638.71	1583	97	130.29	229.5	53.4	90	122.6
	Jan 2013	600	9.8	641.80	1666	83	134.09	221.9	74.7	87	124.6
	Feb 2013	700	12.6	641.80	1666	0	136.08	209.1	87.5	82	125.0
	Mar 2013	991	16.1	643.05	1700	34	135.86	239.7	123.3	94	124.4
	Apr 2013	1111	18.7	643.00	1699	-2	136.07	255.0	138.1	100	124.2
	May 2013	998	16.2	643.00	1699	0	136.04	255.0	124.7	100	124.9
	Jun 2013	954	16.0	642.00	1671	-27	135.51	255.0	118.8	100	124.5
	Jul 2013	938	15.3	641.50	1658	-14	134.73	255.0	116.4	100	124.1

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2011 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Aug 2010	646	10.5	448.20	584	-8	81.98	120.0	44.7	100	69.2
H	Sep 2010	583	9.8	446.95	560	-24	80.89	103.2	41.6	86	71.4
	WY 2010	**6298**							**436.8**		
I	Oct 2010	465	7.6	449.14	602	42	82.79	90.0	31.4	75	67.4
S	Nov 2010	428	7.2	447.59	572	-30	79.41	91.2	30.4	76	71.1
T	Dec 2010	290	4.7	448.10	582	10	82.60	104.4	19.7	87	67.9
O	Jan 2011	391	6.4	446.40	550	-32	80.10	97.2	26.8	81	68.6
R	Feb 2011	415	7.5	447.29	567	17	76.83	90.0	29.3	75	70.7
I	Mar 2011	694	11.3	448.06	581	15	80.18	112.8	47.4	94	68.4
C	Apr 2011	786	13.2	448.54	590	9	82.13	120.0	54.4	100	69.1
A	May 2011	691	11.2	448.68	593	3	80.58	120.0	47.9	100	69.3
L	Jun 2011	708	11.9	447.73	575	-18	81.68	114.0	49.9	95	70.4
*	Jul 2011	762	12.4	448.22	584	9	81.72	116.4	51.6	97	67.7
	Aug 2011	648	10.5	448.00	580	-4	75.48	120.0	42.7	100	65.9
	Sep 2011	532	8.9	447.50	571	-10	75.13	120.0	34.7	100	65.3
	WY 2011	**6810**							**466.2**		
	Oct 2011	434	7.1	446.31	548	-22	75.59	92.4	28.3	77	65.2
	Nov 2011	379	6.4	446.50	552	3	75.23	90.0	24.5	75	64.6
	Dec 2011	281	4.6	446.50	552	0	76.82	64.8	18.1	54	64.6
	Jan 2012	342	5.6	446.50	552	0	77.15	60.0	22.5	50	66.0
	Feb 2012	464	8.1	446.50	552	0	75.92	79.2	30.7	66	66.1
	Mar 2012	702	11.4	446.70	555	4	75.42	90.0	46.6	75	66.3
	Apr 2012	827	13.9	448.70	593	38	75.08	120.0	54.6	100	66.1
	May 2012	696	11.3	448.70	593	0	76.05	120.0	46.2	100	66.5
	Jun 2012	653	11.0	448.70	593	0	76.05	120.0	43.3	100	66.4
	Jul 2012	719	11.7	448.00	580	-13	75.71	120.0	47.7	100	66.3
	Aug 2012	629	10.2	447.50	571	-10	75.13	120.0	41.2	100	65.6
	Sep 2012	540	9.1	446.81	557	-13	74.55	120.0	35.0	100	64.9
	WY 2012	**6663**							**438.6**		
	Oct 2012	452	7.3	446.31	548	-9	74.77	102.0	29.2	85	64.6
	Nov 2012	371	6.2	446.50	552	3	74.62	102.0	23.8	85	64.0
	Dec 2012	295	4.8	446.50	552	0	74.71	102.0	18.6	85	63.1
	Jan 2013	356	5.8	446.50	552	0	74.71	102.0	22.7	85	63.8
	Feb 2013	461	8.3	446.50	552	0	73.92	120.0	29.6	100	64.2
	Mar 2013	708	11.5	446.70	555	4	74.01	120.0	45.9	100	64.9
	Apr 2013	796	13.4	448.70	593	38	75.08	120.0	52.5	100	66.0
	May 2013	703	11.4	448.70	593	0	76.05	120.0	46.7	100	66.5
	Jun 2013	676	11.4	448.70	593	0	76.05	120.0	44.9	100	66.5
	Jul 2013	730	11.9	448.00	580	-13	75.71	120.0	48.4	100	66.3

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2011 24-Month Study

Most Probable Inflow*

Upper Basin Power

	Date	Glen Canyon 1000 MWHR	Flaming Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Reservoir 1000 MWHR	Fontenelle Reservoir 1000 MWHR
*	Aug 2010	366	40	27	33	19	6
H	Sep 2010	217	42	25	32	19	2
	Summer 2010	**1755**	**231**	**142**	**186**	**109**	**25**
I	Oct 2010	226	30	24	29	16	0
S	Nov 2010	369	24	7	9	4	4
T	Dec 2010	382	26	8	9	4	4
O	Jan 2011	445	26	8	9	4	4
R	Feb 2011	425	26	12	15	4	3
I	Mar 2011	453	23	21	26	15	4
	Winter 2011	**2299**	**156**	**79**	**97**	**48**	**19**
C	Apr 2011	415	65	26	37	21	5
A	May 2011	520	105	44	66	23	5
L	Jun 2011	634	98	36	61	23	5
	Aug 2011	640	56	41	49	23	9
	Sep 2011	389	54	36	43	22	3
	Summer 2011	**2598**	**378**	**183**	**255**	**111**	**28**
	Oct 2011	401	47	25	31	16	7
	Nov 2011	534	45	16	19	10	7
	Dec 2011	608	46	30	36	18	7
	Jan 2012	516	46	24	31	16	6
	Feb 2012	385	43	18	23	12	6
	Mar 2012	425	46	11	15	8	6
	Winter 2012	**2869**	**274**	**123**	**156**	**81**	**39**
	Apr 2012	466	45	13	21	12	7
	May 2012	477	58	41	61	23	9
	Jun 2012	554	100	20	31	22	9
	Jul 2012	604	42	36	43	23	10
	Aug 2012	501	37	39	46	23	10
	Sep 2012	394	36	35	42	21	6
	Summer 2012	**2997**	**318**	**184**	**244**	**125**	**50**
	Oct 2012	406	37	22	27	14	6
	Nov 2012	258	36	12	16	8	6
	Dec 2012	343	37	28	34	17	6
	Jan 2013	341	37	23	29	15	6
	Feb 2013	340	33	16	21	11	5
	Mar 2013	254	37	10	14	8	5
	Winter 2013	**1688**	**180**	**100**	**126**	**65**	**28**
	Apr 2013	360	36	14	21	12	5
	May 2013	404	48	32	48	23	7
	Jun 2013	433	77	21	32	22	9
	Jul 2013	481	36	35	42	23	10

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2011 24-Month Study

Most Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions

Date	Flaming George KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Total KAF	Flaming George KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****CREDITABLE SPACE****										
Aug 2011	214	23	272	5717	6226	15243	21469	214	23	272	509	5717	15243	21469	1500	817	0	39.4
Sep 2011	218	66	317	6104	6706	14649	21355	218	66	317	602	6104	14649	21355	2270	642	0	39.2
Oct 2011	285	127	328	6230	6970	14438	21408	285	127	328	740	6230	14438	21408	3040	434	0	39.3
Nov 2011	347	162	330	6382	7221	14000	21221	347	162	330	839	6382	14000	21221	3810	619	0	39.3
Dec 2011	407	179	331	6885	7802	13458	21261	407	179	331	918	6885	13458	21261	4580	524	0	39.4
Jan 2012	478	248	340	7568	8634	12600	21234	478	248	340	1066	7568	12600	21234	5350	697	0	39.3
								****EFFECTIVE SPACE****										
Jan 2012	478	248	340	7568	8634	12600	21234	93	248	304	645	7568	12600	20813	5350	697	0	39.3
Feb 2012	557	300	350	8095	9303	12106	21409	171	300	314	785	8095	12106	20986	1500	719	0	39.1
Mar 2012	629	336	351	8422	9739	11896	21635	242	336	314	892	8422	11896	21210	1500	1022	0	38.8
Apr 2012	678	338	310	8716	10042	11898	21939	288	338	266	892	8716	11898	21506	1500	1146	0	38.8
May 2012	676	304	234	8873	10087	11945	22032	281	304	171	756	8873	11945	21574	1500	983	0	40.2
Jun 2012	586	216	150	7812	8764	11852	20615	180	210	55	445	7812	11852	20109	1500	850	0	42.1
Jul 2012	489	21	174	6522	7206	11517	18722	68	-9	30	89	6522	11517	18127	1500	890	0	42.3
								****CREDITABLE SPACE****										
Aug 2012	438	27	195	6735	7395	11114	18509	438	27	195	660	6735	11114	18509	1500	811	0	41.9
Sep 2012	470	85	228	7232	8014	10807	18822	470	85	228	783	7232	10807	18822	2270	668	0	41.6
Oct 2012	518	147	241	7550	8456	10605	19062	518	147	241	906	7550	10605	19062	3040	461	0	41.5
Nov 2012	565	175	246	7890	8875	10175	19050	565	175	246	985	7890	10175	19050	3810	570	0	41.4
Dec 2012	615	182	247	7935	8980	10177	19157	615	182	247	1045	7935	10177	19157	4580	555	0	41.4
Jan 2013	682	248	256	8194	9381	9918	19298	682	248	256	1187	8194	9918	19298	5350	709	0	41.1
								****EFFECTIVE SPACE****										
Jan 2013	682	248	256	8194	9381	9918	19298	383	248	235	865	8194	9918	18977	5350	709	0	41.1
Feb 2013	744	302	268	8474	9787	9816	19603	443	302	246	990	8474	9816	19280	1500	715	0	40.9
Mar 2013	792	332	268	8788	10179	9701	19879	489	332	244	1064	8788	9701	19553	1500	1053	0	40.5
Apr 2013	794	332	221	8828	10176	10112	20288	486	332	192	1011	8828	10112	19951	1500	1142	0	40.3
May 2013	756	308	129	8926	10119	10395	20514	442	308	80	830	8926	10395	20152	1500	1031	0	41.3
Jun 2013	632	219	123	8071	9045	10508	19554	307	215	41	563	8071	10508	19142	1500	958	0	42.8
Jul 2013	460	38	176	6776	7450	10537	17987	120	11	46	176	6776	10537	17489	1500	949	0	43.0

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2104

Processed On: 8/11/2011 11:25:08AM

September 24-Month Study
Date: September 9, 2011

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

Reservoir	August Inflow (unregulated) (acre-feet)	Percent of Average (%)	September 7 Midnight Elevation (feet)	Reservoir Storage (acre-feet)
Fontenelle	118,000	129	6501.87	313,000
Flaming Gorge	144,000	133	6034.67	3,533,000
Blue Mesa	67,000	104	7509.67	743,000
Navajo	3,000	7	6059.53	1,342,000
Powell	859,000	140	3654.60	17,795,000

Expected Operations

The operation of Lake Powell and Lake Mead in this September 2011 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines), and reflects the 2011 Annual Operating Plan (AOP). Pursuant to the Interim Guidelines, the Lake Powell operational tier for water year 2011 is the Upper Elevation Balancing Tier. The Intentionally Created Surplus (ICS) Surplus condition is the criterion governing the operation of Lake Mead for calendar year 2011.

The April 2011 24-Month study projected the September 30 Lake Powell elevation to be greater than the 2011 Equalization elevation of 3,643.0 feet with an annual release from Lake Powell of 8.23 maf. Consistent with Section 6.B.3 of the Interim Guidelines, the Equalization Tier governs operations of Lake Powell for the remainder of the water year.

The September 24-Month Study projects a Lake Powell water year 2011 annual release volume of 12.52 maf. Due to above average inflows into Lake Powell in 2011, Equalization will not be fully achieved by the end of the water year.

The Interim Guidelines are available for download at
http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The 2011 AOP is available for download at
http://www.usbr.gov/uc/water/rsvrs/ops/aop/AOP11_final.pdf.

Fontenelle Reservoir – Inflows for the month of August were 118 kaf, or 129% of average. The reservoir elevation is 6502 feet above sea level and 91% of capacity. Current inflows are approximately 1,000 cfs and reservoir releases are 1,200 cfs. Releases will likely be close to 1,200 cfs for the fall and winter months. The reservoir elevation will continue to decline through the fall and winter.

The Colorado Basin River Forecast Center has issued the water year 2012 (October 2011 to September 2012) forecast. At this early point, inflows over the next year are expected to be 1,170 kaf, or 94% of average. Inflows over the next three months are forecasted to be above average: 75,000 acre-ft (141%), 65,000 acre-ft (125%) and 52,000 acre-ft (118%), for September, October and November respectively

The next Fontenelle Working Group meeting is scheduled for April 26, 2012 at 10:00 am at the Seedskadee National Wildlife Refuge visitor's center. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir.

Flaming Gorge Reservoir – Unregulated inflow into Flaming Gorge Reservoir during the month of August was 144,000 acre-feet (AF), or 133 percent of average inflow. Spring runoff has ended and the Yampa River and Green River above Flaming Gorge Reservoir are at base flows at an average daily release of 2,450 cfs/day. Flaming Gorge reservoir elevation is decreasing and expected to continue decreasing through the winter to meet the May 1 target elevation of 6027 feet.

The Colorado Basin River Forecast Center and Natural Resources Conservation Service have issued the joint water supply forecast for the 2011 spring runoff. The Flaming Gorge Reservoir observed April – July unregulated inflow volume was 1,926 thousand acre-feet (kaf) or 162 percent of average. The September forecast for September and October is 85 kaf (131 percent of average) and 73 kaf (114 percent of average), respectively.

Yampa River flows during the base flow period impact hourly release schedules because flows must remain within 0.1 meter stage change as measured at the USGS stream gage located on the Green River at Jensen, Utah. As the Yampa River flows decrease, the Flaming Gorge release schedule will change.

The next Flaming Gorge Working Group meeting is scheduled for April 18, 2012, at 1:00 p.m. at the Western Park Convention Center, 302 East 200 South, Vernal, Utah. The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stake holders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations and plans presented by Reclamation at these meetings. For more information on this group and these meetings please contact Heather Hermansen at 801-524-3883 or Ed Vidmar at 801-379-1182.

Aspinall Unit Reservoirs – August unregulated inflow into Blue Mesa Reservoir was 67,000 acre-feet or 104 percent of average. Precipitation during August was below average, the observed precipitation was about 70 percent of average. The current inflow rate into Blue Mesa Reservoir is about 850 cfs while reservoir releases are averaging about 2,100 cfs. Blue Mesa's current elevation is 7509.67 feet, which corresponds to a storage content of about 743,000 acre-feet. The observed April through July runoff into Blue Mesa Reservoir was recorded at 893,000 acre-feet or about 124 percent of average runoff. The reservoir reached a high elevation of 7519.21 feet on July 19, 2011, which was approximately 0.19 feet below "full" pool. Full pool is actually defined by the top of the spillway gates at elevation 7519.4 feet, but we rarely fill to that level due to safety concerns for the reservoir. For practical purposes; the reservoir is considered full at elevations above 7516.4 feet.

Releases from Crystal are currently set at 2100 cfs. The Gunnison Diversion Tunnel is currently diverting about 1,100 cfs, which results in a river flow below the diversion tunnel of approximately 1,000 cfs. As in years past there seems to be about 100 cfs discrepancy between the different gage readings.

Other changes in reservoir operations are planned towards the end of September in order to accommodate for decreases in tunnel diversions. These and other changes to reservoir release rates may occur as conditions warrant, primarily as we respond to changes in the river inflows.

The last meeting of the "Aspinall Unit Working Group" was held on Thursday August 18th in the Elk Creek Visitors Center at Blue Mesa Reservoir. Spring and summer operations were reviewed and future fall and winter reservoir operations were discussed. These meetings are open forum discussions on the Aspinall Unit reservoir operations with many interested groups participating. Anyone needing further information about these meetings should contact Dan Crabtree in the Grand Junction Area Office at (970) 248-0652.

Navajo Reservoir - As a result of warmer and drier conditions returning to the San Juan River Basin, Reclamation increased the release from Navajo Reservoir to 800 cfs on Thursday, August 10th. Reservoir releases are made for the authorized purposes of the Navajo Unit, and to attempt to maintain a target base flow through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell).

The San Juan River Basin Recovery Implementation Program recommends a target base flow of between 500 cfs and 1,000 cfs through the critical habitat area. The target base flow is calculated as the weekly average of gaged flows throughout the critical habitat area, therefore daily flows of less than 500 cfs may occur at some gages.

Reclamation continues to closely monitor weather and stream flow conditions and make adjustments to the Navajo Reservoir release as necessary.

Precipitation for the month of August in the San Juan River basin was 60 percent of average. Unregulated inflow into Navajo Reservoir during the month of August was 3,200 acre-feet, or about 7 percent of average. The total runoff for the 2010 season ending July (April-July) was recorded at 579,000 acre-feet, or about 74 percent of average runoff. The reservoir had a seasonal peak elevation of 6068.67 feet on July 1, 2011.

This year's spring peak operations happened over June 8th through June 14th when releases of 5,000 cfs were made. Release flows started to decrease on June 15th and reached 500 cfs on Friday, June 17th.

Currently the daily reservoir inflow is averaging about 400 cfs. NIIP diversions are set at about 500 cfs. The reservoir water surface elevation is currently 6059.70 feet, which corresponds to a storage content of about 1,342,000 acre-feet.

A public meeting on Navajo Reservoir operations was held on Tuesday, August 30, 2011 at 1:00 p.m. in Farmington, New Mexico. At this meeting, review of last spring and summer reservoir operations, and plans for this fall and winter 2011/2012 operations were discussed. These are open forum discussions on the operation of Navajo Reservoir with many interested groups participating. Anyone interested in the general operation of the reservoir is encouraged to attend. Please contact Ryan Christianson in Reclamation's Durango, Colorado Office at (970) 385-6590 for information about these meetings or the daily operation of Navajo Reservoir.

Glen Canyon Dam / Lake Powell – The unregulated inflow volume to Lake Powell in August was 0.858 maf (140% of average) based on the period from 1971-2000. The Colorado Basin River Forecast Center issued the official forecast for August to be 1.00 maf (162% of average). Inflows in August were somewhat less than what was expected and so the elevation at the end of August was less than what was projected in the August 24-Month Study. The August 24-month study projected the elevation of Lake Powell would be 3657.9 feet above sea level on August 31, 2011. The elevation of Lake Powell that actually occurred on August 31, 2011 was 3655.34 feet above sea level (2.6 feet below projection).

In terms of reservoir elevation and storage, Lake Powell reached its peak for water year 2011 on July 30, 2011 which was 3660.9 feet (39.1 feet from full pool) and 18.61 maf (76.5% of capacity), respectively. For comparison, the peak reservoir elevation and storage that occurred in water year 2010 was 3638.8 feet (61.2 feet below full pool) and 15.86 maf (65.2% of capacity) and this occurred on July 5, 2010. Based on these measured values, the Lake Powell peak elevation increased year over year by 22. 1 feet while peak storage increased year over year by 2.75 maf.

Current Dam Operations

Releases from Glen Canyon Dam are now being made for a steady flow experiment that will continue to the end of October. Releases from Glen Canyon Dam are steady at approximately 15,500 cfs and will likely remain at the level through October 31, 2011 to complete the 2 month steady flow experiment.

In early November through November 10, 2011, releases will likely continue to be steady near 15,500 cfs due to ongoing maintenance work at Glen Canyon Powerplant on units 5 and 6. On or about November 11, 2011 releases will likely be increased to approximately 22,600 cfs when units 5 and 6 are returned to service. The projected release volume for November is 1200 kaf.

While the release rate from Glen Canyon Dam over the next several months will likely be near steady, the instantaneous releases from Glen Canyon Dam may fluctuate somewhat to provide 40 MW of system regulation. These instantaneous release adjustments maintain stable conditions within the electrical generation and transmission system and result in momentary release fluctuations within a range of about 1100 cfs above or below the targeted hourly release rate. The momentary fluctuations for regulation are very short lived and typically balance out over the hour.

Spinning and non-spinning reserve generation is also maintained at Glen Canyon Dam. In order for Colorado River Storage Project (CRSP) powerplants to participate in the electrical generation and transmissions system, these powerplants must maintain a level of generation capacity available in reserve to assist the local control area for when unanticipated generation outages occur. The current CRSP powerplant reserve requirement is 100 MW (equivalent to approximately 2,675 cfs of release from Glen Canyon Dam). When an electrical outage occurs within the control area, CRSP powerplants can be called upon to provide up to 100 MW of additional generation for up to 2 hours. Under normal circumstances, calls for reserves are infrequent and for much less than the required 100 MW. Because Glen Canyon Powerplant is the largest facility of the CRSP powerplants, most of the CRSP reserve requirement is maintained at Glen Canyon Dam.

The Operating Tier for coordinated operations of Lake Powell and Lake Mead during water year 2011, pursuant to the Interim Guidelines has been the Upper Elevation Balancing Tier. In April, based on the projected end of water year elevation of Lake Powell, a shift was made such that the Equalization Tier has governed operation of Lake Powell since then. Reclamation has been operating Glen Canyon Dam with the intent of achieving Equalization by September 30, 2011. Due to significantly high inflows this spring and summer however, it is very likely that Equalization will not be fully achieved by September 30, 2011. Reclamation will continue to operate Glen Canyon Dam to release water at near full capacity of the Glen Canyon Powerplant until Equalization is fully achieved for 2011.

Current Inflow Forecasts and Model Projections

The September 24-Month Study projects the annual release volume for water year 2011 will be 12.52 maf and the end of water year reservoir elevation and storage for Lake Powell will be 3653.93 feet (46.07 feet from full pool) and 17.71 maf (72.8% of capacity), respectively.

The hydrologic outlook forecast for water year 2012 projects that the most probable (median) unregulated inflow volume will be 12.6 maf (105% of average based on the period from 1971 through 2000). Based on this hydrologic outlook, the September 24-Month Study projects the annual release from Lake Powell during water year 2012 will be 13.34 maf and the end of water year 2012 reservoir elevation and storage for Lake Powell to be 3645.41 feet (54.59 feet from full pool) and 16.65 maf (68.5% of capacity), respectively.

Upper Colorado River Basin Hydrology

Since water year 2005, hydrologic conditions in the Upper Colorado River Basin have been slightly below average with significant variability from year to year. The unregulated inflow to Lake Powell, which is a good measure of the hydrologic condition in the Colorado River Basin, has averaged 11.2 maf per year during the period from 2005 through 2011. This is slightly below the official average of 12.0 maf per year. The hydrologic variability during this period has been from a low water year unregulated inflow of 8.4 maf (70% of average) in water year 2006 to a high of over 16.8 maf (140% of average) which is the projected for water year 2011.

Overall reservoir storage in the Colorado River Basin has increased by nearly 10 maf since the beginning of water year 2005 and this is a significant improvement over the drought conditions during water years 2000 through 2004. On October 1, 2004, the beginning of water year 2005, the total reservoir storage in the Colorado River Basin was 29.84 maf (50.2% of capacity). As of September 7, 2011, the total reservoir storage in the Colorado River Basin was 38.90 maf (65.4% of capacity).

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-430
125 SOUTH STATE STREET, ROOM 6107
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-3709

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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:	Obs			aug	Forecast			Observed	
:	may	jun	jul	aug	%Avg	sep	oct	nov	apr-jul %Avg
GLDA3:Lake Powell	2179	5409	4330	859	140%:	625/	650/	650/	12896/: 163%
GBRW4:Fontenelle	161	429	539	118	129%:	75/	65/	52/	1221/: 142%
GRNU1:Flaming Gorge	327	668	772	144	133%:	85/	73/	62/	1926/: 162%
BMDC2:Blue Mesa	168	425	223	67	104%:	49/	46/	37/	893/: 124%
MPSC2:Morrow Point	191	455	231	68	100%:	52/	49/	39/	961/: 122%
CLSC2:Crystal	204	516	255	75	94%:	59/	56/	45/	1067/: 117%
TPIC2:Taylor Park	22	65	37	10.8	105%:	9/	8.5/	7/	132/: 128%
VCRC2:Vallecito	44	79	23	9.6	49%:	10.7/	9.8/	7/	168/: 82%
NVRN5:Navajo	172	252	40	3.2	7%:	20/	31/	31/	579/: 74%
LEMC2:Lemon	12.1	24	4.0	2.1	43%:	2.5/	2.1/	1.25/	44/: 76%
MPHC2:McPhee	98	108	23	14.9	78%:	7.4/	7/	5.7/	275/: 86%
RBSC2:Ridgway	19.3	55	41	13.6	96%:	/	/	/	125/: 123%

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2011 24-Month Study

Most Probable Inflow*

Fontenelle Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Sep 2010	29	2	26	35	61	6497.33	279
	WY 2010	**781**	**14**	**530**	**233**	**763**		
H	Oct 2010	31	1	5	55	59	6493.24	250
I	Nov 2010	34	1	53	1	54	6490.17	229
S	Dec 2010	37	1	55	0	55	6487.27	210
T	Jan 2011	29	1	55	0	55	6482.87	183
O	Feb 2011	26	1	50	0	50	6478.35	158
R	Mar 2011	36	1	58	0	58	6473.74	136
I	Apr 2011	92	1	84	15	100	6471.99	128
C	May 2011	161	1	89	79	168	6470.20	120
A	Jun 2011	429	1	87	283	370	6481.96	178
L	Jul 2011	539	2	110	313	424	6498.87	290
*	Aug 2011	118	2	88	1	89	6502.38	317
	Sep 2011	75	2	36	30	66	6503.27	324
	WY 2011	**1607**	**14**	**771**	**778**	**1549**		
	Oct 2011	65	1	74	0	74	6501.97	314
	Nov 2011	52	1	71	0	71	6499.32	294
	Dec 2011	44	1	74	0	74	6495.13	263
	Jan 2012	39	1	74	0	74	6489.86	228
	Feb 2012	37	1	67	0	67	6485.26	197
	Mar 2012	54	1	74	0	74	6481.84	177
	Apr 2012	90	1	95	0	95	6480.80	171
	May 2012	179	1	102	53	155	6484.67	194
	Jun 2012	315	2	103	105	208	6499.96	299
	Jul 2012	168	3	101	19	120	6505.77	344
	Aug 2012	75	2	87	0	87	6503.94	329
	Sep 2012	54	2	72	0	72	6501.44	310
	WY 2012	**1172**	**16**	**993**	**177**	**1170**		
	Oct 2012	52	1	73	0	73	6498.47	287
	Nov 2012	43	1	71	0	71	6494.47	259
	Dec 2012	32	1	73	0	73	6488.22	217
	Jan 2013	30	1	73	0	73	6481.07	173
	Feb 2013	28	1	66	0	66	6473.34	134
	Mar 2013	52	0	73	0	73	6468.18	112
	Apr 2013	89	1	83	0	83	6469.59	117
	May 2013	176	1	99	9	108	6483.07	184
	Jun 2013	307	2	103	87	190	6500.04	299
	Jul 2013	185	3	101	39	140	6505.51	342
	Aug 2013	82	2	88	0	88	6504.52	334

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2011 24-Month Study

Most Probable Inflow*

Flaming Gorge Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	Sep 2010	22	54	10	106	0	106	127	6024.83	3154	127
	WY 2010	**1018**	**1000**	**79**	**1168**	**1**	**1169**				**2764**
H	Oct 2010	32	60	7	77	0	77	126	6024.21	3131	113
I	Nov 2010	31	52	4	63	0	63	125	6023.83	3117	107
S	Dec 2010	45	64	2	68	0	68	125	6023.67	3111	114
T	Jan 2011	44	70	2	68	0	68	125	6023.69	3112	525
O	Feb 2011	36	60	2	67	0	67	125	6023.47	3104	489
R	Mar 2011	98	120	3	59	0	59	127	6024.99	3160	181
I	Apr 2011	159	166	5	172	0	172	127	6024.71	3150	472
C	May 2011	327	334	8	279	47	326	127	6024.73	3150	1108
A	Jun 2011	667	608	10	254	173	427	133	6029.11	3315	1570
L	Jul 2011	771	656	14	263	94	357	144	6036.07	3590	908
*	Aug 2011	144	115	13	148	0	148	142	6034.95	3544	259
	Sep 2011	85	76	12	146	0	146	139	6033.00	3466	146
	WY 2011	**2441**	**2382**	**81**	**1663**	**314**	**1976**				**5991**
	Oct 2011	73	82	8	128	0	128	137	6031.68	3414	128
	Nov 2011	62	81	4	122	0	122	136	6030.59	3372	122
	Dec 2011	56	86	2	126	0	126	134	6029.55	3331	126
	Jan 2012	50	85	2	126	0	126	132	6028.46	3290	126
	Feb 2012	48	78	2	118	0	118	131	6027.39	3249	118
	Mar 2012	80	100	3	126	0	126	130	6026.64	3221	126
	Apr 2012	129	134	5	122	0	122	130	6026.82	3228	122
	May 2012	260	236	8	165	0	165	132	6028.44	3289	165
	Jun 2012	385	278	10	264	0	264	132	6028.54	3293	264
	Jul 2012	184	136	14	101	0	101	133	6029.08	3314	101
	Aug 2012	84	96	13	100	0	100	133	6028.67	3298	100
	Sep 2012	62	80	11	97	0	97	132	6027.95	3271	97
	WY 2012	**1473**	**1471**	**80**	**1594**	**0**	**1594**				**1594**
	Oct 2012	61	83	7	100	0	100	131	6027.33	3247	100
	Nov 2012	51	79	3	97	0	97	130	6026.80	3227	97
	Dec 2012	36	77	2	100	0	100	129	6026.18	3204	100
	Jan 2013	41	84	2	100	0	100	128	6025.73	3187	100
	Feb 2013	46	84	2	90	0	90	128	6025.52	3179	90
	Mar 2013	104	126	3	100	0	100	129	6026.10	3201	100
	Apr 2013	142	136	5	97	0	97	130	6026.99	3234	97
	May 2013	265	197	8	135	0	135	132	6028.37	3287	135
	Jun 2013	399	281	10	205	0	205	135	6030.02	3350	205
	Jul 2013	218	173	14	98	0	98	137	6031.52	3408	98
	Aug 2013	96	102	13	98	0	98	137	6031.29	3399	98

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2011 24-Month Study

Most Probable Inflow*

Taylor Park Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Sep 2010	6	14	9311.57	72
	WY 2010	**121**	**122**		
H	Oct 2010	7	6	9312.21	73
I	Nov 2010	5	5	9312.27	74
S	Dec 2010	5	5	9312.71	74
T	Jan 2011	5	5	9312.70	74
O	Feb 2011	4	4	9312.51	74
R	Mar 2011	5	6	9311.89	73
I	Apr 2011	7	8	9311.44	72
C	May 2011	22	33	9304.21	61
A	Jun 2011	65	28	9326.09	98
L	Jul 2011	37	39	9325.07	96
*	Aug 2011	11		9318.44	84
	Sep 2011	9	16	9314.41	77
	WY 2011	**180**	**153**		
	Oct 2011	9	10	9313.52	76
	Nov 2011	7	6	9314.12	77
	Dec 2011	6	6	9313.82	76
	Jan 2012	5	6	9313.22	75
	Feb 2012	5	6	9312.31	74
	Mar 2012	5	6	9311.39	72
	Apr 2012	9	12	9309.52	69
	May 2012	30	20	9315.58	79
	Jun 2012	47	24	9327.97	102
	Jul 2012	19	24	9325.42	97
	Aug 2012	10	22	9318.72	85
	Sep 2012	8	16	9313.82	76
	WY 2012	**157**	**158**		
	Oct 2012	6	10	9311.69	73
	Nov 2012	5	6	9311.09	72
	Dec 2012	4	6	9310.14	70
	Jan 2013	4	6	9309.00	68
	Feb 2013	4	6	9307.71	66
	Mar 2013	4	6	9306.56	65
	Apr 2013	8	8	9306.78	65
	May 2013	27	14	9314.96	78
	Jun 2013	43	20	9327.38	101
	Jul 2013	20	20	9327.59	101
	Aug 2013	10	20	9322.40	91

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2011 24-Month Study

Most Probable Inflow*

Blue Mesa Reservoir

	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Sep 2010	23	31	1	86	0	86	7493.54	609
	WY 2010	**725**	**727**	**8**	**754**	**6**	**760**		
H	Oct 2010	29	29	1	85	0	85	7486.20	552
I	Nov 2010	27	27	0	24	0	24	7486.60	555
S	Dec 2010	30	29	0	27	0	27	7486.84	557
T	Jan 2011	23	23	0	27	0	27	7486.34	553
O	Feb 2011	21	21	0	43	0	43	7483.46	532
R	Mar 2011	38	39	0	75	0	75	7478.48	495
I	Apr 2011	77	78	1	95	0	95	7475.97	477
C	May 2011	168	179	1	162	0	162	7478.26	493
A	Jun 2011	425	389	1	127	19	146	7508.73	735
L	Jul 2011	222	222	2	150	0	150	7516.80	806
*	Aug 2011	67	79	1	123	0	123	7511.67	760
	Sep 2011	49	56	1	116	0	116	7504.57	699
	WY 2011	**1176**	**1171**	**8**	**1054**	**19**	**1072**		
	Oct 2011	46	48	1	82	0	82	7500.37	664
	Nov 2011	37	36	0	52	0	52	7498.38	648
	Dec 2011	30	31	0	97	0	97	7490.00	581
	Jan 2012	29	30	0	88	0	88	7482.34	523
	Feb 2012	25	27	0	62	0	62	7477.43	487
	Mar 2012	35	37	0	38	0	38	7477.17	486
	Apr 2012	81	84	1	47	0	47	7482.16	522
	May 2012	240	230	1	139	0	139	7493.89	612
	Jun 2012	285	262	1	70	0	70	7516.40	802
	Jul 2012	105	110	2	114	0	114	7515.75	797
	Aug 2012	55	68	1	124	0	124	7509.20	739
	Sep 2012	44	53	1	114	0	114	7501.83	676
	WY 2012	**1012**	**1013**	**9**	**1027**	**0**	**1027**		
	Oct 2012	41	44	1	70	0	70	7498.63	650
	Nov 2012	33	34	0	40	0	40	7497.82	644
	Dec 2012	25	27	0	89	0	89	7490.00	581
	Jan 2013	24	26	0	79	0	79	7482.99	528
	Feb 2013	22	24	0	54	0	54	7478.87	498
	Mar 2013	34	36	0	36	0	36	7478.80	497
	Apr 2013	73	73	1	48	0	48	7482.08	521
	May 2013	212	199	1	107	0	107	7493.90	612
	Jun 2013	271	248	1	66	0	66	7515.32	793
	Jul 2013	121	120	2	109	0	109	7516.40	802
	Aug 2013	62	72	1	122	0	122	7510.58	751

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2011 24-Month Study

Most Probable Inflow*

Morrow Point Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Sep 2010	23	86	0	87	92	0	92	7148.78	108
	WY 2010	**773**	**760**	**48**	**807**	**805**	**0**	**805**		
H	Oct 2010	30	85	1	86	82	0	82	7153.88	112
I	Nov 2010	29	24	1	25	26	0	26	7152.79	111
S	Dec 2010	30	27	0	28	27	0	27	7153.98	112
T	Jan 2011	23	27	0	27	27	0	27	7153.70	112
O	Feb 2011	21	43	0	43	44	0	44	7152.08	111
R	Mar 2011	38	75	1	75	73	0	73	7154.37	113
I	Apr 2011	84	95	7	102	104	0	104	7152.20	111
C	May 2011	191	162	23	185	181	0	181	7156.18	114
A	Jun 2011	455	146	30	176	170	0	176	7155.72	114
L	Jul 2011	231	150	9	159	159	0	159	7155.22	113
*	Aug 2011	68	123	1	125	124	0	124	7155.77	114
	Sep 2011	52	116	3	119	121	0	121	7153.73	112
	WY 2011	**1253**	**1072**	**77**	**1149**	**1138**	**0**	**1144**		
	Oct 2011	49	82	3	85	85	0	85	7153.73	112
	Nov 2011	39	52	2	54	54	0	54	7153.73	112
	Dec 2011	32	97	2	99	99	0	99	7153.73	112
	Jan 2012	32	88	3	91	91	0	91	7153.73	112
	Feb 2012	28	62	3	65	65	0	65	7153.73	112
	Mar 2012	39	38	4	42	42	0	42	7153.73	112
	Apr 2012	93	47	12	59	59	0	59	7153.73	112
	May 2012	270	139	30	169	169	0	169	7153.73	112
	Jun 2012	305	70	20	90	90	0	90	7153.73	112
	Jul 2012	110	114	5	119	119	0	119	7153.73	112
	Aug 2012	58	124	3	127	127	0	127	7153.73	112
	Sep 2012	47	114	3	117	117	0	117	7153.73	112
	WY 2012	**1102**	**1027**	**90**	**1117**	**1117**	**0**	**1117**		
	Oct 2012	44	70	3	73	73	0	73	7153.73	112
	Nov 2012	35	40	2	42	42	0	42	7153.73	112
	Dec 2012	27	89	2	91	91	0	91	7153.73	112
	Jan 2013	26	79	2	81	81	0	81	7153.73	112
	Feb 2013	25	54	3	57	57	0	57	7153.73	112
	Mar 2013	38	36	4	40	40	0	40	7153.73	112
	Apr 2013	84	48	11	59	59	0	59	7153.73	112
	May 2013	237	107	25	132	132	0	132	7153.73	112
	Jun 2013	292	66	21	87	87	0	87	7153.73	112
	Jul 2013	127	109	7	116	116	0	116	7153.73	112
	Aug 2013	65	122	4	126	126	0	126	7153.73	112

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2011 24-Month Study

Most Probable Inflow*

Crystal Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
*	Sep 2010	26	92	3	95	95	0	95	6748.16	16	63	36
	WY 2010	**859**	**805**	**86**	**891**	**824**	**63**	**890**			**415**	**528**
H	Oct 2010	34	82	4	86	85	0	85	6750.41	16	51	33
I	Nov 2010	32	26	4	30	30	0	30	6748.60	16	1	29
S	Dec 2010	34	27	4	31	31	0	31	6748.24	16	1	30
T	Jan 2011	27	27	4	31	30	1	31	6749.02	16	1	30
O	Feb 2011	24	44	3	47	24	23	46	6751.55	17	1	47
R	Mar 2011	43	73	5	78	78	0	78	6751.94	17	5	76
I	Apr 2011	92	104	8	112	110	2	112	6752.03	17	38	79
C	May 2011	204	181	13	195	126	68	194	6753.39	17	63	137
A	Jun 2011	516	176	61	237	120	81	237	6752.90	17	62	183
L	Jul 2011	255	159	23	182	128	58	186	6739.47	13	62	136
*	Aug 2011	75	124	7	131	126	2	129	6748.39	16	66	70
	Sep 2011	59	121	7	128	126	0	126	6753.04	17	55	71
	WY 2011	**1395**	**1144**	**143**	**1287**	**1014**	**235**	**1285**			**404**	**921**
	Oct 2011	56	85	7	92	92	0	92	6753.04	17	30	62
	Nov 2011	45	54	6	60	60	0	60	6753.04	17	0	60
	Dec 2011	37	99	5	104	104	0	104	6753.04	17	0	104
	Jan 2012	39	91	7	98	98	0	98	6753.04	17	0	98
	Feb 2012	32	65	4	69	69	0	69	6753.04	17	0	69
	Mar 2012	45	42	6	48	48	0	48	6753.04	17	5	43
	Apr 2012	106	59	13	72	72	0	72	6753.04	17	30	42
	May 2012	305	169	35	204	134	70	204	6753.04	17	55	149
	Jun 2012	345	90	40	130	130	0	130	6753.04	17	60	70
	Jul 2012	124	119	14	133	133	0	133	6753.04	17	65	68
	Aug 2012	65	127	7	134	134	0	134	6753.04	17	65	69
	Sep 2012	54	117	7	124	124	0	124	6753.04	17	55	69
	WY 2012	**1253**	**1117**	**151**	**1268**	**1198**	**70**	**1268**			**365**	**903**
	Oct 2012	50	73	7	79	79	0	79	6753.04	17	30	49
	Nov 2012	40	42	5	48	48	0	48	6753.04	17	0	48
	Dec 2012	32	91	5	96	96	0	96	6753.04	17	0	96
	Jan 2013	31	81	5	86	86	0	86	6753.04	17	0	86
	Feb 2013	29	57	4	61	61	0	61	6753.04	17	0	61
	Mar 2013	46	40	7	47	47	0	47	6753.04	17	5	42
	Apr 2013	96	59	12	71	71	0	71	6753.04	17	30	41
	May 2013	272	132	35	167	134	33	167	6753.04	17	55	112
	Jun 2013	330	87	38	125	125	0	125	6753.04	17	60	65
	Jul 2013	144	116	17	133	133	0	133	6753.04	17	65	68
	Aug 2013	74	126	8	134	134	0	134	6753.04	17	65	69

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2011 24-Month Study

Most Probable Inflow*

Vallecito Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Sep 2010	10	26	7637.70	59
	WY 2010	**210**	**196**		
H	Oct 2010	12	13	7636.95	58
I	Nov 2010	7	2	7639.20	63
S	Dec 2010	6	2	7641.20	67
T	Jan 2011	5	2	7642.53	70
O	Feb 2011	4	2	7643.62	72
R	Mar 2011	7	2	7645.67	77
I	Apr 2011	22	4	7653.10	95
C	May 2011	44	27	7659.70	111
A	Jun 2011	79	64	7664.94	125
L	Jul 2011	23	39	7658.78	109
*	Aug 2011	10	37	7647.29	81
	Sep 2011	11	30	7638.59	61
	WY 2011	**229**	**223**		
	Oct 2011	10	16	7635.58	55
	Nov 2011	7	1	7638.26	61
	Dec 2011	6	2	7640.35	65
	Jan 2012	5	2	7641.92	68
	Feb 2012	5	1	7643.27	71
	Mar 2012	8	2	7645.83	77
	Apr 2012	23	3	7654.07	97
	May 2012	73	55	7660.77	114
	Jun 2012	80	70	7664.41	124
	Jul 2012	27	41	7658.75	109
	Aug 2012	18	38	7650.77	89
	Sep 2012	15	29	7644.71	75
	WY 2012	**276**	**259**		
	Oct 2012	13	13	7644.42	74
	Nov 2012	8	6	7645.29	76
	Dec 2012	6	5	7645.89	77
	Jan 2013	5	3	7646.77	79
	Feb 2013	5	3	7647.58	81
	Mar 2013	8	3	7649.60	86
	Apr 2013	22	10	7654.22	97
	May 2013	69	65	7655.78	101
	Jun 2013	78	66	7659.97	112
	Jul 2013	31	43	7655.01	99
	Aug 2013	19	39	7646.54	79

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2011 24-Month Study

Most Probable Inflow*

Navajo Reservoir

	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azetea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Farmington Flow (1000 Ac-Ft)
*	Sep 2010	24	1	39	3	25	45	6064.97	1412	57
	WY 2010	**855**	**89**	**753**	**29**	**202**	**423**			**802**
H	Oct 2010	24	0	26	2	8	36	6063.49	1393	46
I	Nov 2010	17	0	12	1	1	29	6062.08	1374	46
S	Dec 2010	23	0	19	1	1	30	6061.11	1362	42
T	Jan 2011	16	0	13	1	1	31	6059.58	1342	50
O	Feb 2011	18	0	15	1	1	28	6058.41	1328	45
R	Mar 2011	41	2	35	2	4	31	6058.28	1326	46
I	Apr 2011	115	14	84	2	19	31	6060.75	1357	44
C	May 2011	172	22	134	4	28	32	6066.13	1428	79
A	Jun 2011	252	43	193	4	42	113	6068.65	1462	295
L	Jul 2011	40	8	46	5	48	31	6065.88	1424	98
*	Aug 2011	3	2	29	4	47	46	6060.64	1356	47
	Sep 2011	20	1	38	3	22	38	6058.66	1331	38
	WY 2011	**742**	**92**	**645**	**28**	**222**	**476**			**876**
	Oct 2011	31	0	37	2	8	31	6058.39	1327	31
	Nov 2011	31	0	25	1	0	30	6057.97	1322	30
	Dec 2011	23	0	19	1	0	31	6056.93	1309	31
	Jan 2012	21	0	18	1	0	31	6055.80	1295	31
	Feb 2012	28	0	25	1	0	28	6055.49	1292	28
	Mar 2012	83	1	76	2	4	31	6058.70	1331	31
	Apr 2012	161	16	125	3	17	34	6064.29	1403	34
	May 2012	285	35	232	4	29	200	6064.25	1403	200
	Jun 2012	245	27	208	4	44	212	6060.18	1350	212
	Jul 2012	56	4	67	4	47	37	6058.50	1329	37
	Aug 2012	35	2	53	4	40	42	6055.91	1297	42
	Sep 2012	35	1	48	3	22	36	6054.85	1284	36
	WY 2012	**1034**	**85**	**932**	**27**	**210**	**742**			**742**
	Oct 2012	36	0	36	2	8	31	6054.52	1280	31
	Nov 2012	31	0	29	1	0	30	6054.38	1278	30
	Dec 2012	24	0	22	1	0	31	6053.64	1269	31
	Jan 2013	22	0	20	1	0	31	6052.67	1257	31
	Feb 2013	30	0	29	1	0	27	6052.73	1258	27
	Mar 2013	88	1	83	2	4	31	6056.53	1304	31
	Apr 2013	174	16	146	2	17	34	6063.84	1397	34
	May 2013	279	35	239	4	29	200	6064.32	1404	200
	Jun 2013	246	27	208	4	44	212	6060.26	1351	212
	Jul 2013	74	4	82	4	47	37	6059.84	1346	37
	Aug 2013	43	2	62	4	40	42	6057.98	1322	42

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2011 24-Month Study

Most Probable Inflow*

Lake Powell

	Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry (1000 Ac-Ft)
*	Sep 2010	277	461	58	480	0	480	3633.66	18075	15267	490
	WY 2010	**8634**	**8674**	**444**	**8234**	**0**	**8235**				**8419**
H	Oct 2010	362	512	41	495	0	495	3634.08	18003	15315	502
I	Nov 2010	438	474	39	810	0	810	3630.31	18056	14888	826
S	Dec 2010	416	446	30	847	0	847	3626.54	18044	14469	865
T	Jan 2011	381	429	9	997	0	997	3620.55	18113	13822	1015
O	Feb 2011	317	377	10	964	0	964	3614.95	18103	13235	984
R	Mar 2011	579	581	16	1033	0	1033	3610.73	18066	12804	1055
I	Apr 2011	977	937	25	940	0	940	3611.93	17917	12926	965
C	May 2011	2178	2205	30	1171	0	1171	3623.13	17749	14098	1207
A	Jun 2011	5408	4866	54	1377	0	1377	3648.98	18193	17089	1419
L	Jul 2011	4328	3756	74	1483	0	1483	3660.86	18876	18605	1532
*	Aug 2011	858	974	74	1479	0	1479	3655.34	19012	17890	1530
	Sep 2011	625	794	67	922	0	922	3653.93	18998	17709	922
	WY 2011	**16868**	**16351**	**467**	**12518**	**0**	**12518**				**12820**
	Oct 2011	650	749	46	953	0	953	3652.09	18979	17478	953
	Nov 2011	650	724	43	1200	0	1200	3648.23	18941	16997	1200
	Dec 2011	550	695	34	1330	0	1330	3643.15	18891	16378	1330
	Jan 2012	500	645	10	1200	0	1200	3638.73	18850	15854	1200
	Feb 2012	450	557	11	920	0	920	3635.76	18822	15508	920
	Mar 2012	700	702	18	1000	0	1000	3633.20	18798	15214	1000
	Apr 2012	1100	964	29	1130	0	1130	3631.61	18784	15034	1130
	May 2012	2600	2383	35	1150	0	1150	3641.18	18873	16143	1150
	Jun 2012	3050	2752	58	1140	0	1140	3652.92	18988	17582	1140
	Jul 2012	1250	1207	72	1220	0	1220	3652.30	18982	17504	1220
	Aug 2012	550	683	70	1190	0	1190	3648.01	18939	16970	1190
	Sep 2012	500	629	63	910	0	910	3645.41	18913	16651	910
	WY 2012	**12550**	**12689**	**490**	**13343**	**0**	**13343**				**13343**
	Oct 2012	544	615	43	941	0	941	3642.57	18886	16308	941
	Nov 2012	539	590	41	600	0	600	3642.17	18882	16261	600
	Dec 2012	414	548	33	800	0	800	3639.95	18861	15998	800
	Jan 2013	384	507	10	800	0	800	3637.56	18839	15717	800
	Feb 2013	398	471	11	800	0	800	3634.84	18813	15402	800
	Mar 2013	628	573	18	600	0	600	3634.47	18810	15360	600
	Apr 2013	950	772	29	850	0	850	3633.61	18802	15261	850
	May 2013	2161	1912	35	950	0	950	3640.98	18871	16119	950
	Jun 2013	2811	2449	58	1000	0	1000	3651.53	18974	17407	1000
	Jul 2013	1346	1227	71	1100	0	1100	3651.95	18978	17459	1100
	Aug 2013	566	669	70	1017	0	1017	3648.84	18947	17071	1017

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2011 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Glen Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Sep 2010	480	82	59	758	12.7	23	755	656	1083.81	10092
	WY 2010	**8235**	**928**	**564**	**9260**		**235**	**9039**			
H	Oct 2010	495	80	42	638	10.4	24	607	648	1082.36	9971
I	Nov 2010	810	13	42	800	13.4	18	795	646	1081.94	9936
S	Dec 2010	847	248	37	660	10.7	9	630	670	1086.30	10301
T	Jan 2011	997	74	31	540	8.8	8	526	700	1091.73	10765
O	Feb 2011	964	84	29	635	11.4	9	616	723	1095.78	11117
R	Mar 2011	1033	77	33	1006	16.4	15	1002	726	1096.39	11170
I	Apr 2011	940	140	40	1078	18.1	20	1066	722	1095.76	11115
C	May 2011	1171	104	47	1001	16.3	25	997	735	1097.90	11304
A	Jun 2011	1377	76	57	939	15.8	29	938	761	1102.38	11705
L	Jul 2011	1483	74	73	1001	16.3	27	1000	789	1107.07	12133
*	Aug 2011	1479	97	80	831	13.5	29	829	827	1113.45	12730
	Sep 2011	922	70	67	695	11.7	17	695	841	1115.55	12931
	WY 2011	**12518**	**1136**	**578**	**9825**		**229**	**9703**			
	Oct 2011	953	59	49	435	7.1	21	435	871	1120.50	13407
	Nov 2011	1200	48	50	574	9.6	20	574	908	1126.24	13975
	Dec 2011	1330	99	45	478	7.8	15	478	963	1134.45	14811
	Jan 2012	1200	76	38	697	11.3	16	697	995	1139.17	15305
	Feb 2012	920	92	35	719	12.5	14	719	1010	1141.33	15533
	Mar 2012	1000	80	39	1018	16.6	20	1018	1010	1141.35	15535
	Apr 2012	1130	60	49	1140	19.2	16	1140	1009	1141.21	15521
	May 2012	1150	49	57	983	16.0	27	983	1020	1142.81	15692
	Jun 2012	1140	23	69	850	14.3	22	850	1042	1145.90	16027
	Jul 2012	1220	50	88	890	14.5	24	890	1068	1149.54	16428
	Aug 2012	1190	109	95	811	13.2	26	811	1072	1150.19	16500
	Sep 2012	910	70	79	668	11.2	18	668	1086	1151.99	16702
	WY 2012	**13343**	**815**	**694**	**9264**		**239**	**9264**			
	Oct 2012	941	59	58	398	6.5	22	398	1117	1156.27	17192
	Nov 2012	600	48	59	633	10.6	21	633	1113	1155.74	17131
	Dec 2012	800	99	51	555	9.0	17	555	1130	1157.97	17390
	Jan 2013	800	76	42	709	11.5	16	709	1137	1158.83	17492
	Feb 2013	800	92	39	715	12.9	15	715	1144	1159.81	17607
	Mar 2013	600	80	43	1053	17.1	21	1053	1118	1156.31	17196
	Apr 2013	850	60	53	1142	19.2	17	1142	1099	1153.85	16913
	May 2013	950	49	60	1031	16.8	27	1031	1092	1152.86	16800
	Jun 2013	1000	23	73	958	16.1	23	958	1093	1153.02	16818
	Jul 2013	1100	50	91	949	15.4	25	949	1098	1153.72	16899
	Aug 2013	1017	109	98	859	14.0	27	859	1109	1155.18	17066

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2011 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Sep 2010	758	-2	18	833	0	833	14.0	638.40	1575
	WY 2010	**9260**	**-172**	**197**	**8816**	**0**	**8816**			
H	Oct 2010	638	6	15	766	0	766	12.5	633.10	1437
I	Nov 2010	800	-29	10	631	0	631	10.6	638.09	1567
S	Dec 2010	660	-15	9	553	0	553	9.0	641.21	1650
T	Jan 2011	540	-7	10	502	0	502	8.2	641.95	1670
O	Feb 2011	635	-10	10	586	0	586	10.5	643.01	1699
R	Mar 2011	1006	-11	13	976	0	976	15.9	643.23	1705
I	Apr 2011	1078	-13	17	1047	0	1047	17.6	643.30	1707
C	May 2011	1001	-10	22	949	0	949	15.4	644.04	1727
A	Jun 2011	939	-9	25	954	0	954	16.0	642.27	1679
L	Jul 2011	1001	-10	25	943	0	943	15.3	643.11	1702
*	Aug 2011	831	-6	23	822	0	822	13.4	642.38	1682
	Sep 2011	695	1	18	756	0	756	12.7	639.51	1604
	WY 2011	**9825**	**-113**	**198**	**9484**	**0**	**9484**			
	Oct 2011	435	3	15	593	0	593	9.6	633.00	1434
	Nov 2011	574	-10	10	502	0	502	8.4	635.00	1486
	Dec 2011	478	-13	9	359	0	359	5.8	638.71	1583
	Jan 2012	697	-17	10	588	0	588	9.6	641.80	1666
	Feb 2012	719	-6	10	704	0	704	12.2	641.80	1666
	Mar 2012	1018	-15	13	956	0	956	15.5	643.05	1700
	Apr 2012	1140	-15	17	1110	0	1110	18.7	643.00	1699
	May 2012	983	-10	22	951	0	951	15.5	643.00	1699
	Jun 2012	850	-6	25	846	0	846	14.2	642.00	1671
	Jul 2012	890	1	25	879	0	879	14.3	641.50	1658
	Aug 2012	811	-5	23	784	0	784	12.7	641.50	1658
	Sep 2012	668	1	18	744	0	744	12.5	638.00	1564
	WY 2012	**9264**	**-91**	**197**	**9016**	**0**	**9016**			
	Oct 2012	398	3	14	579	0	579	9.4	630.49	1371
	Nov 2012	633	-10	10	499	0	499	8.4	635.00	1486
	Dec 2012	555	-13	9	435	0	435	7.1	638.71	1583
	Jan 2013	709	-17	10	600	0	600	9.8	641.80	1666
	Feb 2013	715	-6	10	700	0	700	12.6	641.80	1666
	Mar 2013	1053	-15	13	991	0	991	16.1	643.05	1700
	Apr 2013	1142	-15	17	1111	0	1111	18.7	643.00	1699
	May 2013	1031	-10	22	998	0	998	16.2	643.00	1699
	Jun 2013	958	-6	25	954	0	954	16.0	642.00	1671
	Jul 2013	949	1	25	938	0	938	15.3	641.50	1658
	Aug 2013	859	-5	23	831	0	831	13.5	641.50	1658

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2108

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2011 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	Sep 2010	833	17	15	583	9.8	98	171	446.95	560	93	1.6
	WY 2010	**8816**	**318**	**140**	**6298**		**1043**	**1572**			**1619**	
H	Oct 2010	766	25	12	465	7.6	102	166	449.14	602	106	1.7
I	Nov 2010	631	38	9	428	7.2	98	159	447.59	572	114	1.9
S	Dec 2010	553	33	7	290	4.7	93	183	448.10	582	147	2.4
T	Jan 2011	502	8	6	391	6.4	52	89	446.40	550	141	2.3
O	Feb 2011	586	15	8	415	7.5	22	135	447.29	567	173	3.1
R	Mar 2011	976	6	9	694	11.3	71	186	448.06	581	199	3.2
I	Apr 2011	1047	18	11	786	13.2	71	180	448.54	590	204	3.4
C	May 2011	949	17	13	691	11.2	83	167	448.68	593	115	1.9
A	Jun 2011	954	14	15	708	11.9	96	155	447.73	575	120	2.0
L	Jul 2011	943	35	17	762	12.4	100	77	448.22	584	127	2.1
*	Aug 2011	822	26	17	669	10.9	91	60	448.13	583	97	1.6
	Sep 2011	756	15	15	546	9.2	82	121	448.00	580	89	1.5
	WY 2011	**9484**	**249**	**140**	**6845**		**961**	**1677**			**1633**	
	Oct 2011	593	20	12	435	7.1	18	140	448.00	580	55	0.9
	Nov 2011	502	26	9	354	5.9	14	165	447.00	561	93	1.6
	Dec 2011	359	21	7	245	4.0	14	109	447.00	561	90	1.5
	Jan 2012	588	15	6	342	5.6	85	165	447.00	561	122	2.0
	Feb 2012	704	6	8	464	8.1	77	156	447.00	561	153	2.7
	Mar 2012	956	22	9	702	11.4	85	174	447.00	561	208	3.4
	Apr 2012	1110	18	11	827	13.9	83	166	448.70	593	200	3.4
	May 2012	951	13	13	696	11.3	86	159	448.70	593	111	1.8
	Jun 2012	846	9	16	653	11.0	83	90	448.70	593	112	1.9
	Jul 2012	879	15	17	719	11.7	85	72	448.00	580	118	1.9
	Aug 2012	784	18	17	629	10.2	85	68	447.50	571	92	1.5
	Sep 2012	744	15	15	540	9.1	61	148	446.81	557	89	1.5
	WY 2012	**9016**	**199**	**140**	**6604**		**774**	**1611**			**1444**	
	Oct 2012	579	20	12	452	7.3	24	113	446.31	548	72	1.2
	Nov 2012	499	26	8	371	6.2	24	111	446.50	552	105	1.8
	Dec 2012	435	21	6	295	4.8	24	125	446.50	552	118	1.9
	Jan 2013	600	15	6	356	5.8	106	141	446.50	552	122	2.0
	Feb 2013	700	6	8	462	8.3	96	135	446.50	552	153	2.8
	Mar 2013	991	22	9	708	11.5	106	178	446.70	555	208	3.4
	Apr 2013	1111	18	11	796	13.4	103	172	448.70	593	200	3.4
	May 2013	998	13	13	703	11.4	106	178	448.70	593	111	1.8
	Jun 2013	954	9	16	676	11.4	103	155	448.70	593	112	1.9
	Jul 2013	938	15	17	731	11.9	106	98	448.00	580	118	1.9
	Aug 2013	831	18	17	626	10.2	106	97	447.50	571	92	1.5

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2011 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Sep 2010	758	12.7	1083.81	10092	-261	439.46	1617.0	285.1	100	375.9
	WY 2010	**9260**							**3588.7**		
H	Oct 2010	638	10.4	1082.36	9971	-121	440.25	1104.0	241.3	68	378.5
I	Nov 2010	800	13.4	1081.94	9936	-35	437.87	1185.0	305.1	74	381.4
S	Dec 2010	660	10.7	1086.30	10301	365	439.05	1388.0	246.5	87	373.5
T	Jan 2011	540	8.8	1091.73	10765	463	446.84	1103.0	200.9	69	372.4
O	Feb 2011	635	11.4	1095.78	11117	353	447.78	1414.0	244.7	88	385.7
R	Mar 2011	1006	16.4	1096.39	11170	54	449.79	1232.0	398.2	75	395.8
I	Apr 2011	1078	18.1	1095.76	11115	-55	449.53	1157.0	430.9	70	399.6
C	May 2011	1001	16.3	1097.90	11304	189	452.71	1468.0	394.5	88	393.9
A	Jun 2011	939	15.8	1102.38	11705	401	457.87	1661.0	372.1	100	396.2
L	Jul 2011	1001	16.3	1107.07	12133	429	462.21	1698.0	403.2	100	402.6
*	Aug 2011	831	13.5	1113.45	12730	597	469.04	1721.0	339.8	100	408.9
	Sep 2011	695	11.7	1115.55	12931	200	462.10	1757.0	284.0	100	408.6
	WY 2011	**9825**							**3861.4**		
	Oct 2011	435	7.1	1120.50	13407	476	470.93	1336.0	177.7	74	408.6
	Nov 2011	574	9.6	1126.24	13975	567	477.55	1499.0	239.8	81	417.9
	Dec 2011	478	7.8	1134.45	14811	837	483.88	1325.0	202.7	70	423.6
	Jan 2012	697	11.3	1139.17	15305	494	489.04	1181.0	303.6	61	435.7
	Feb 2012	719	12.5	1141.33	15533	229	491.40	1200.0	319.3	62	443.8
	Mar 2012	1018	16.6	1141.35	15535	2	489.94	1570.0	445.9	81	437.9
	Apr 2012	1140	19.2	1141.21	15521	-14	488.82	1685.0	506.9	87	444.7
	May 2012	983	16.0	1142.81	15692	171	489.59	1685.0	433.3	87	440.7
	Jun 2012	850	14.3	1145.90	16027	334	490.81	1953.0	375.0	100	441.2
	Jul 2012	890	14.5	1149.54	16428	402	494.66	1974.0	395.9	100	444.8
	Aug 2012	811	13.2	1150.19	16500	71	496.96	1990.0	358.0	100	441.3
	Sep 2012	668	11.2	1151.99	16702	202	499.34	2000.0	288.8	100	432.6
	WY 2012	**9264**							**4047.0**		
	Oct 2012	398	6.5	1156.27	17192	490	505.48	1845.0	167.2	91	420.6
	Nov 2012	633	10.6	1155.74	17131	-62	510.63	1700.0	278.2	84	439.3
	Dec 2012	555	9.0	1157.97	17390	260	508.77	1710.0	240.5	84	433.4
	Jan 2013	709	11.5	1158.83	17492	102	508.06	1718.0	314.4	84	443.4
	Feb 2013	715	12.9	1159.81	17607	115	510.45	1265.8	328.9	62	459.9
	Mar 2013	1053	17.1	1156.31	17196	-411	506.64	1656.1	477.0	81	453.0
	Apr 2013	1142	19.2	1153.85	16913	-283	502.59	1779.2	520.0	87	455.5
	May 2013	1031	16.8	1152.86	16800	-113	500.91	1774.6	458.7	87	444.9
	Jun 2013	958	16.1	1153.02	16818	18	499.38	2039.0	418.4	100	436.9
	Jul 2013	949	15.4	1153.72	16899	80	500.30	2039.0	420.8	100	443.4
	Aug 2013	859	14.0	1155.18	17066	167	501.54	2039.0	384.5	100	447.9

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2011 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Sep 2010	833	14.0	638.40	1575	-95	137.24	255.0	102.6	100	123.1
	WY 2010	**8816**							**1104.5**		
H	Oct 2010	766	12.5	633.10	1437	-138	129.52	209.1	92.1	82	120.2
I	Nov 2010	631	10.6	638.09	1567	130	137.83	153.0	77.2	60	122.5
S	Dec 2010	553	9.0	641.21	1650	84	141.87	168.3	67.8	66	122.6
T	Jan 2011	502	8.2	641.95	1670	20	140.42	153.0	63.3	60	125.9
O	Feb 2011	586	10.5	643.01	1699	29	139.78	181.1	73.6	71	125.6
R	Mar 2011	976	15.9	643.23	1705	6	138.82	204.0	123.0	80	126.0
I	Apr 2011	1047	17.6	643.30	1707	2	141.68	227.0	131.6	89	125.7
C	May 2011	949	15.4	644.04	1727	20	142.61	255.0	120.3	100	126.8
A	Jun 2011	954	16.0	642.27	1679	-48	140.41	249.9	120.6	98	126.4
L	Jul 2011	943	15.3	643.11	1702	23	143.18	255.0	119.3	100	126.5
*	Aug 2011	822	13.4	642.38	1682	-20	140.95	255.0	103.5	100	125.9
	Sep 2011	756	12.7	639.51	1604	-78	133.88	255.0	93.8	100	124.2
	WY 2011	**9484**							**1185.9**		
	Oct 2011	593	9.6	633.00	1434	-170	130.75	193.8	71.8	76	121.0
	Nov 2011	502	8.4	635.00	1486	51	128.73	183.6	60.0	72	119.5
	Dec 2011	359	5.8	638.71	1583	97	131.89	178.5	44.2	70	123.1
	Jan 2012	588	9.6	641.80	1666	83	135.70	170.9	73.3	67	124.7
	Feb 2012	704	12.2	641.80	1666	0	137.51	163.2	88.1	64	125.1
	Mar 2012	956	15.5	643.05	1700	34	135.78	242.3	119.1	95	124.6
	Apr 2012	1110	18.7	643.00	1699	-2	136.07	255.0	137.9	100	124.2
	May 2012	951	15.5	643.00	1699	0	136.04	255.0	119.0	100	125.1
	Jun 2012	846	14.2	642.00	1671	-27	135.51	255.0	105.8	100	125.1
	Jul 2012	879	14.3	641.50	1658	-14	134.73	255.0	109.3	100	124.4
	Aug 2012	784	12.7	641.50	1658	0	134.46	255.0	97.7	100	124.7
	Sep 2012	744	12.5	638.00	1564	-94	132.62	255.0	91.7	100	123.2
	WY 2012	**9016**							**1117.8**		
	Oct 2012	579	9.4	630.49	1371	-193	127.85	219.3	69.1	86	119.3
	Nov 2012	499	8.4	635.00	1486	115	125.53	244.8	59.0	96	118.4
	Dec 2012	435	7.1	638.71	1583	97	130.29	229.5	53.4	90	122.6
	Jan 2013	600	9.8	641.80	1666	83	134.09	221.9	74.7	87	124.6
	Feb 2013	700	12.6	641.80	1666	0	136.08	209.1	87.5	82	125.0
	Mar 2013	991	16.1	643.05	1700	34	135.86	239.7	123.3	94	124.4
	Apr 2013	1111	18.7	643.00	1699	-2	136.07	255.0	138.1	100	124.2
	May 2013	998	16.2	643.00	1699	0	136.04	255.0	124.7	100	124.9
	Jun 2013	954	16.0	642.00	1671	-27	135.51	255.0	118.8	100	124.5
	Jul 2013	938	15.3	641.50	1658	-14	134.73	255.0	116.4	100	124.1
	Aug 2013	831	13.5	641.50	1658	0	134.46	255.0	103.4	100	124.4

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Managing Water in the West

September 2011 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Sep 2010	583	9.8	446.95	560	-24	80.89	103.2	41.6	86	71.4
	WY 2010	**6298**							**436.8**		
H	Oct 2010	465	7.6	449.14	602	42	82.79	90.0	31.4	75	67.4
I	Nov 2010	428	7.2	447.59	572	-30	79.41	91.2	30.4	76	71.1
S	Dec 2010	290	4.7	448.10	582	10	82.60	104.4	19.7	87	67.9
T	Jan 2011	391	6.4	446.40	550	-32	80.10	97.2	26.8	81	68.6
O	Feb 2011	415	7.5	447.29	567	17	76.83	90.0	29.3	75	70.7
R	Mar 2011	694	11.3	448.06	581	15	80.18	112.8	47.4	94	68.4
I	Apr 2011	786	13.2	448.54	590	9	82.13	120.0	54.4	100	69.1
C	May 2011	691	11.2	448.68	593	3	80.58	120.0	47.9	100	69.3
A	Jun 2011	708	11.9	447.73	575	-18	81.68	114.0	49.9	95	70.4
L	Jul 2011	762	12.4	448.22	584	9	81.72	116.4	51.6	97	67.7
*	Aug 2011	669	10.9	448.13	583	-2	82.04	120.0	46.1	100	68.9
	Sep 2011	546	9.2	448.00	580	-2	75.43	120.0	35.8	100	65.5
	WY 2011	**6845**							**470.6**		
	Oct 2011	435	7.1	448.00	580	0	76.65	92.4	28.6	77	65.9
	Nov 2011	354	5.9	447.00	561	-19	76.29	90.0	23.0	75	65.1
	Dec 2011	245	4.0	447.00	561	0	77.31	64.8	15.7	54	64.0
	Jan 2012	342	5.6	447.00	561	0	77.64	60.0	22.6	50	66.3
	Feb 2012	464	8.1	447.00	561	0	76.41	79.2	30.8	66	66.4
	Mar 2012	702	11.4	447.00	561	0	75.81	90.0	46.8	75	66.6
	Apr 2012	827	13.9	448.70	593	32	75.23	120.0	54.7	100	66.2
	May 2012	696	11.3	448.70	593	0	76.05	120.0	46.2	100	66.5
	Jun 2012	653	11.0	448.70	593	0	76.05	120.0	43.3	100	66.4
	Jul 2012	719	11.7	448.00	580	-13	75.71	120.0	47.7	100	66.3
	Aug 2012	629	10.2	447.50	571	-10	75.13	120.0	41.2	100	65.6
	Sep 2012	540	9.1	446.81	557	-13	74.55	120.0	35.0	100	64.9
	WY 2012	**6604**							**435.8**		
	Oct 2012	452	7.3	446.31	548	-9	74.77	102.0	29.2	85	64.6
	Nov 2012	371	6.2	446.50	552	3	74.62	102.0	23.8	85	64.0
	Dec 2012	295	4.8	446.50	552	0	74.71	102.0	18.6	85	63.1
	Jan 2013	356	5.8	446.50	552	0	74.71	102.0	22.7	85	63.8
	Feb 2013	462	8.3	446.50	552	0	73.92	120.0	29.7	100	64.2
	Mar 2013	708	11.5	446.70	555	4	74.01	120.0	46.0	100	64.9
	Apr 2013	796	13.4	448.70	593	38	75.08	120.0	52.6	100	66.0
	May 2013	703	11.4	448.70	593	0	76.05	120.0	46.8	100	66.5
	Jun 2013	676	11.4	448.70	593	0	76.05	120.0	45.0	100	66.5
	Jul 2013	731	11.9	448.00	580	-13	75.71	120.0	48.5	100	66.3
	Aug 2013	626	10.2	447.50	571	-10	75.13	120.0	41.0	100	65.5

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Managing Water in the West

September 2011 24-Month Study

Most Probable Inflow*

Upper Basin Power

	Date	Glen Canyon 1000 MWHR	Flaming Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Reservoir 1000 MWHR	Fontenelle Reservoir 1000 MWHR
*	Sep 2010	217	42	25	32	19	2
	Summer 2010	**1755**	**231**	**142**	**186**	**109**	**25**
H	Oct 2010	226	30	24	29	16	0
I	Nov 2010	369	24	7	9	4	4
S	Dec 2010	382	26	8	9	4	4
T	Jan 2011	445	26	8	9	4	4
O	Feb 2011	425	26	12	15	4	3
R	Mar 2011	453	23	21	26	15	4
	Winter 2011	**2299**	**156**	**79**	**97**	**48**	**19**
I	Apr 2011	415	65	26	37	21	5
C	May 2011	520	105	44	66	23	5
A	Jun 2011	634	98	36	61	23	5
L	Jul 2011	708					
*	Aug 2011	706	60	39	44	22	8
	Sep 2011	404	54	36	44	22	3
	Summer 2011	**3388**	**382**	**181**	**251**	**111**	**27**
	Oct 2011	417	47	25	31	16	7
	Nov 2011	522	45	16	19	10	7
	Dec 2011	574	46	29	36	18	7
	Jan 2012	513	46	26	33	17	6
	Feb 2012	391	43	18	23	12	5
	Mar 2012	423	46	11	15	8	6
	Winter 2012	**2839**	**274**	**124**	**157**	**81**	**38**
	Apr 2012	476	45	13	21	12	7
	May 2012	488	60	41	61	23	8
	Jun 2012	493	97	21	32	22	9
	Jul 2012	533	37	36	43	23	10
	Aug 2012	518	37	39	46	23	8
	Sep 2012	393	35	35	42	21	7
	Summer 2012	**2901**	**310**	**185**	**245**	**126**	**49**
	Oct 2012	405	37	21	26	14	7
	Nov 2012	257	35	12	15	8	6
	Dec 2012	342	36	26	33	17	6
	Jan 2013	341	36	23	29	15	6
	Feb 2013	339	33	16	21	11	5
	Mar 2013	254	36	10	14	8	5
	Winter 2013	**1345**	**145**	**83**	**103**	**53**	**25**
	Apr 2013	359	35	14	21	12	5
	May 2013	404	49	31	48	23	7
	Jun 2013	432	75	20	31	22	9
	Jul 2013	480	36	34	42	23	10
	Aug 2013	443	36	38	45	23	8

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2108

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2011 24-Month Study

Most Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions

Date	Flaming George KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Total KAF	Flaming George KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****CREDITABLE SPACE****										
Sep 2011	233	69	340	6432	7074	14646	21721	233	69	340	642	6432	14646	21721	2270	695	0	38.9
Oct 2011	304	130	365	6613	7412	14446	21858	304	130	365	799	6613	14446	21858	3040	435	0	38.8
Nov 2011	366	165	369	6844	7744	13970	21713	366	165	369	899	6844	13970	21713	3810	574	0	38.9
Dec 2011	428	181	374	7325	8309	13402	21711	428	181	374	984	7325	13402	21711	4580	478	0	39.0
Jan 2012	499	248	387	7944	9079	12566	21644	499	248	387	1134	7944	12566	21644	5350	697	0	38.9
								****EFFECTIVE SPACE****										
Jan 2012	499	248	387	7944	9079	12566	21644	115	242	178	534	7944	12566	21045	5350	697	0	38.9
Feb 2012	576	306	401	8468	9751	12072	21823	191	301	191	682	8468	12072	21223	1500	719	0	38.7
Mar 2012	647	342	404	8814	10208	11844	22052	261	338	194	792	8814	11844	21450	1500	1018	0	38.4
Apr 2012	696	344	365	9108	10512	11842	22354	307	341	148	796	9108	11842	21745	1500	1140	0	38.4
May 2012	695	308	293	9288	10583	11856	22439	300	307	57	663	9288	11856	21807	1500	983	0	39.8
Jun 2012	611	218	293	8179	9300	11685	21032	204	206	25	435	8179	11685	20345	1500	850	0	41.7
Jul 2012	503	27	346	6740	7615	11350	19137	83	-9	30	104	6740	11350	18365	1500	890	0	41.9
								****CREDITABLE SPACE****										
Aug 2012	437	33	367	6818	7654	10949	18921	437	33	367	837	6818	10949	18921	1500	811	0	41.5
Sep 2012	467	91	399	7352	8309	10877	19235	467	91	399	957	7352	10877	19235	2270	668	0	41.2
Oct 2012	513	153	412	7671	8750	10675	19474	513	153	412	1079	7671	10675	19474	3040	398	0	41.0
Nov 2012	559	179	416	8014	9169	10185	19403	559	179	416	1155	8014	10185	19403	3810	633	0	41.0
Dec 2012	608	186	418	8061	9273	10246	19568	608	186	418	1212	8061	10246	19568	4580	555	0	40.9
Jan 2013	674	248	427	8324	9673	9987	19709	674	248	427	1349	8324	9987	19709	5350	709	0	40.7
								****EFFECTIVE SPACE****										
Jan 2013	674	248	427	8324	9673	9987	19709	390	248	235	873	8324	9987	19233	5350	709	0	40.7
Feb 2013	734	302	439	8605	10080	9885	20014	449	302	246	996	8605	9885	19535	1500	715	0	40.4
Mar 2013	781	332	438	8920	10471	9770	20289	493	332	244	1069	8920	9770	19808	1500	1053	0	40.1
Apr 2013	781	332	392	8962	10468	10181	20697	489	332	192	1013	8962	10181	20205	1500	1142	0	39.9
May 2013	742	308	299	9061	10410	10464	20923	443	308	80	831	9061	10464	20405	1500	1031	0	40.9
Jun 2013	623	217	292	8203	9336	10577	19962	313	217	41	571	8203	10577	19400	1500	958	0	42.4
Jul 2013	445	37	345	6915	7741	10559	18395	120	12	46	177	6915	10559	17745	1500	949	0	42.6
								****CREDITABLE SPACE****										
Aug 2013	344	27	350	6863	7584	10478	18157	344	27	350	721	6863	10478	18157	1500	859	0	42.3

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2108

Processed On: 9/8/2011 12:55:31PM

October 24-Month Study
Date: October 13, 2011

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

Reservoir	September Inflow (unregulated) (acre-feet)	Percent of Average (%)	October 12 Midnight Elevation (feet)	Reservoir Storage (acre-feet)
Fontenelle	49,000	91	6501.87	313,000
Flaming Gorge	58,000	89	6034.67	3,533,000
Blue Mesa	35,000	95	7509.67	743,000
Navajo	16,000	42	6059.53	1,342,000
Powell	547,000	115	3654.60	17,795,000

Expected Operations

The operation of Lake Powell and Lake Mead in this October 2011 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines), and reflects the 2011 Annual Operating Plan (AOP) and draft 2012 AOP. Pursuant to the Interim Guidelines, the August 2011 24-Month Study projections of the January 1, 2012 system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2012.

Consistent with Section 6.A of the Interim Guidelines, the Lake Powell operational tier for water year 2012 is the Equalization Tier. The October 2011 24-Month Study projects the water year release volume from Lake Powell for 2012 to be 12.26 maf.

Consistent with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar years 2011 and 2012.

The Interim Guidelines are available for download at
http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The 2011 AOP is available for download at
http://www.usbr.gov/lc/region/g4000/aop/AOP11.pdf .

The draft 2012 AOP is available for download at http://www.usbr.gov/lc/region/g4000/AOP2012/AOP12_draft.pdf .

Fontenelle Reservoir – Inflows for the month of September were 49 kaf, or 91% of average. The reservoir elevation is 6499 feet above sea level and 84% of capacity. Current inflows are approximately 900 cfs and reservoir releases are 1,200 cfs. Releases will likely be close to 1,200 cfs for the fall and winter months. The reservoir elevation will continue to decline through the fall and winter.

The Colorado Basin River Forecast Center has issued the water year 2012 (October 2011 to September 2012) forecast. At this early point, inflows over the next year are expected to be 1,140 kaf, or 92% of average. Inflows over the next three months are forecasted to be slightly above average: 52,000 acre-ft (100%), 47,000 acre-ft (107%) and 40,000 acre-ft (121%), for October, November, and December respectively.

The next Fontenelle Working Group meeting is scheduled for April 26, 2012 at 10:00 am at the Seedskadee National Wildlife Refuge visitor's center. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir.

Flaming Gorge Reservoir – Unregulated inflow into Flaming Gorge Reservoir during the month of September was 58,000 acre-feet (AF), or 89 percent of average inflow. Spring runoff has ended and the Yampa River and Green River above Flaming Gorge Reservoir are at base flows at an average daily release of 2,000 cfs/day. Releases in November are expected to decrease to an average daily release of approximately 1,500 cfs and remain at this level through the end of February. Flaming Gorge reservoir elevation is decreasing and expected to continue decreasing through the winter to meet the May 1 target elevation of 6027 feet.

The Colorado Basin River Forecast Center and Natural Resources Conservation Service have issued the joint water supply forecast for the next three months. The October forecast for October and November is 62 kaf (97 percent of average) and 57 kaf (104 percent of average), respectively.

Yampa River flows during the base flow period impact hourly release schedules because flows must remain within 0.1 meter stage change as measured at the USGS stream gage located on the Green River at Jensen, Utah. As the Yampa River flows decrease, the Flaming Gorge release schedule will change.

The next Flaming Gorge Working Group meeting is scheduled for April 18, 2012, at 1:00 p.m. at the Western Park Convention Center, 302 East 200 South, Vernal, Utah. The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stake holders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations and plans presented by Reclamation

at these meetings. For more information on this group and these meetings please contact Heather Hermansen at 801-524-3883 or Ed Vidmar at 801-379-1182.

Aspinall Unit Reservoirs - September unregulated inflow into Blue Mesa Reservoir was 35,000 acre-feet or 95 percent of average. Precipitation during September was observed to be about 70 percent of average. The current inflow rate into Blue Mesa Reservoir is about 700 cfs and reservoir releases are averaging about 1,700 cfs. Blue Mesa's present elevation is 7501.34 feet, which corresponds to a storage content of about 672,000 acre-feet. The unregulated reservoir inflow into Blue Mesa Reservoir during water year 2011 was 1,162,000 acre-feet, or about 123 percent of average.

Releases from Crystal are currently set at 1600 cfs. The current diversion rate through the Gunnison Diversion Tunnel is about 800 cfs, which results in a river flow below the diversion tunnel of approximately 800 cfs. As the irrigation season comes to a close decreases in Crystal releases will occur as the demand for irrigation water is reduced and the Gunnison Tunnel flows are shut off. Flows in the Gunnison River below the tunnel will gradually be reduced to 500 to 600 cfs through the late fall and early winter months.

The last meeting of the "Aspinall Unit Working Group" was held on Thursday August 18th in the Elk Creek Visitors Center at Blue Mesa Reservoir. Spring and summer operations were reviewed and future fall and winter reservoir operations were discussed. These meetings are open forum discussions on the Aspinall Unit reservoir operations with many interested groups participating. Anyone needing further information about these meetings should contact Dan Crabtree in the Grand Junction Area Office at (970) 248-0652.

Navajo Reservoir - As a result of forecasted cooler, wetter conditions in the San Juan River Basin, the Bureau of Reclamation decreased the release from Navajo Reservoir to 500 cubic cfs on Thursday, October 6, 2010. Releases are made for the authorized purposes of the Navajo Unit, and to attempt to maintain a target base flow through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell).

This scheduled release change is subject to changes in river flows and weather conditions. Reclamation will continue to closely monitor weather and stream flow conditions and make adjustments to the Navajo Reservoir release as necessary.

Precipitation for the month of September in the San Juan River basin was about 80 percent of average. Unregulated inflow into Navajo Reservoir during the month of September was 16,000 acre-feet, or 42 percent of average. Currently, the daily reservoir inflow is averaging about 750 cfs. Diversions for NIIP are currently 100 cfs. The reservoir water surface elevation is at 6058.52 feet, which corresponds to a storage content of about 1,329,000 acre-feet.

The unregulated reservoir inflow into Navajo Reservoir during water year 2011 was recorded at 646,000 acre-feet, or about 64 percent of average. The reservoir had a

seasonal peak elevation of 6068.67 feet on July 1, 2011. This year's spring peak operations happened over June 8th through June 14th when releases of 5,000 cfs were made. Release flows started to decrease on June 15th and reached 500 cfs on Friday, June 17th.

A public meeting on Navajo Reservoir operations was held on Tuesday, August 30, 2011 at 1:00 p.m. in Farmington, New Mexico. At this meeting, review of last spring and summer reservoir operations, and plans for this fall and winter 2011/2012 operations were discussed. These are open forum discussions on the operation of Navajo Reservoir with many interested groups participating. Anyone interested in the general operation of the reservoir is encouraged to attend. Please contact Ryan Christianson in Reclamation's Durango, Colorado Office at (970) 385-6590 for information about these meetings or the daily operation of Navajo Reservoir.

Glen Canyon Dam / Lake Powell – During September 2011 the unregulated inflow volume to Lake Powell was 532 kaf (112% of average). This was approximately 93 kaf below what was projected in the September 24-Month Study and resulted in the elevation of Lake Powell ending September about 0.92 feet below what was projected in the September 24-Month Study. The September 30th, 2011 elevation of Lake Powell was 3653.01 feet above sea level which corresponds to a live storage of approximately 17.59 maf and 72.3% of the full capacity of 24.32 maf.

For water year 2011, the observed unregulated inflow volume to Lake Powell was 16.77 maf (139% of average for the 1971-2000 historical period of record). The 2011 water year unregulated inflow volume was the 6th wettest out of 48 years since the closure of Glen Canyon Dam (1963). Water year unregulated inflow volumes of the magnitude observed in water year 2011 (or greater) would statistically be expected to occur in about 12-14% of all years.

The 2011 water year release volume from Glen Canyon Dam was 12.52 maf and this was the largest water year release volume made from Glen Canyon Dam since water year 1998. During water year 2011 the above average inflow volume combined with the large water year release volume from Glen Canyon Dam resulted in Lake Powell realizing a net gain in elevation (year over year) of 19.35 feet which translates to an increase in live storage in Lake Powell of 2.32 maf.

Current Dam Operations

Releases from Glen Canyon Dam are now being made for a steady flow experiment that will continue to the end of October. Releases from Glen Canyon Dam are steady at approximately 15,500 cfs and will likely remain at the level through October 31, 2011 to complete the 2 month steady flow experiment.

In early November through November 10, 2011, releases will likely continue to be steady near 15,500 cfs due to ongoing maintenance work at Glen Canyon Powerplant on units 5

and 6. On or about November 11, 2011 releases will likely be increased to approximately 22,600 cfs when units 5 and 6 are returned to service. The projected release volume for November is 1200 kaf.

While the release rate from Glen Canyon Dam over the next several months will likely be near steady, the instantaneous releases from Glen Canyon Dam may fluctuate somewhat to provide 40 MW of system regulation. These instantaneous release adjustments maintain stable conditions within the electrical generation and transmission system and result in momentary release fluctuations within a range of about 1100 cfs above or below the targeted hourly release rate. The momentary fluctuations for regulation are very short lived and typically balance out over the hour.

Spinning and non-spinning reserve generation is also maintained at Glen Canyon Dam. In order for Colorado River Storage Project (CRSP) powerplants to participate in the electrical generation and transmissions system, these powerplants must maintain a level of generation capacity available in reserve to assist the local control area for when unanticipated generation outages occur. The current CRSP powerplant reserve requirement is 100 MW (equivalent to approximately 2,675 cfs of release from Glen Canyon Dam). When an electrical outage occurs within the control area, CRSP powerplants can be called upon to provide up to 100 MW of additional generation for up to 2 hours. Under normal circumstances, calls for reserves are infrequent and for much less than the required 100 MW. Because Glen Canyon Powerplant is the largest facility of the CRSP powerplants, most of the CRSP reserve requirement is maintained at Glen Canyon Dam.

Current Inflow Forecasts and Model Projections

Over the next three months (October, November and December) the forecasted unregulated inflow to Lake Powell is projected to be above average with monthly percent of average forecasts of 119%, 115% and 120%, respectively. The hydrologic outlook forecast for water year 2012 has been revised in October and now projects that the most probable (median) unregulated inflow volume to be 11.6 maf (96% of average based on the period from 1971 through 2000). Based on this revised hydrologic outlook forecast, the October 24-Month Study projects the annual release volume for water year 2012 will likely be 12.26 maf. The October 24-Month Study also projects that the end of water year reservoir elevation and storage for Lake Powell will likely be 3645.00 feet (55.00 feet from full pool) and 16.60 maf (68% of capacity), respectively.

Upper Colorado River Basin Hydrology

Since water year 2005, hydrologic conditions in the Upper Colorado River Basin have been slightly below average with significant variability from year to year. The unregulated inflow to Lake Powell, which is a good measure of the hydrologic condition in the Colorado River Basin, has averaged 11.15 maf per year during the period from 2005 through 2011. This is slightly below the official average of 12.04 maf per year. The hydrologic variability during this period has been from a low water year unregulated

inflow of 8.40 maf (70% of average) in water year 2006 to a high of over 16.77 maf (139% of average) which occurred in water year 2011.

Overall reservoir storage in the Colorado River Basin has increased by nearly 10 maf since the beginning of water year 2005 and this is a significant improvement over the drought conditions during water years 2000 through 2004. On October 1, 2004, the beginning of water year 2005, the total reservoir storage in the Colorado River Basin was 29.84 maf (50.2% of capacity). As of October 12, 2011, the total reservoir storage in the Colorado River Basin was 38.62 maf (64.9% of capacity).

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-430
125 SOUTH STATE STREET, ROOM 6107
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-3709

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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:	Obs			sep	Forecast		
:	jun	jul	aug	sep	%Avg	oct	nov	dec
GLDA3:Lake Powell	5409	4330	859	547	115%:	650/	625/	525/
GBRW4:Fontenelle	429	539	118	49	91%:	52/	47/	40/
GRNU1:Flaming Gorge	668	772	144	58	89%:	62/	57/	50/
BMDC2:Blue Mesa	425	223	67	35	95%:	41/	35/	32/
MPSC2:Morrow Point	455	231	68	36	92%:	44/	37/	34/
CLSC2:Crystal	516	255	75	39	81%:	50/	42/	40/
TPIC2:Taylor Park	65	37	11.6	7.2	101%:	7.8/	7/	6.3/
VCRC2:Vallecito	79	23	9.6	7.6	46%:	9.1/	6.5/	4.8/
NVRN5:Navajo	252	40	3.2	16.3	42%:	26/	28/	20/
LEMC2:Lemon	24	4.0	2.1	1.76	45%:	2/	1.09/	0.85/
MPHC2:McPhee	108	23	14.9	11.0	89%:	10.5/	5.7/	4.2/

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

October 2011 24-Month Study

Most Probable Inflow*

Fontenelle Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Oct 2010	31	1	5	55	59	6493.24	250
H	Nov 2010	34	1	53	1	54	6490.17	229
I	Dec 2010	37	1	55	0	55	6487.27	210
S	Jan 2011	29	1	55	0	55	6482.87	183
T	Feb 2011	26	1	50	0	50	6478.35	158
O	Mar 2011	36	1	58	0	58	6473.74	136
R	Apr 2011	92	1	84	15	100	6471.99	128
I	May 2011	161	1	89	79	168	6470.20	120
C	Jun 2011	429	1	87	283	370	6481.96	178
A	Jul 2011	539	2	110	313	424	6498.87	290
L	Aug 2011	118	2	88	1	89	6502.38	317
*	Sep 2011	49	2	66	0	66	6499.90	298
	WY 2011	**1581**	**14**	**801**	**747**	**1549**		
	Oct 2011	52	1	74	0	74	6496.78	275
	Nov 2011	47	1	71	0	71	6493.24	250
	Dec 2011	40	1	74	0	74	6488.06	216
	Jan 2012	36	1	74	0	74	6481.85	177
	Feb 2012	35	1	69	0	69	6475.21	143
	Mar 2012	52	0	74	0	74	6470.30	120
	Apr 2012	86	1	74	0	74	6472.80	131
	May 2012	180	1	101	4	105	6486.52	205
	Jun 2012	315	2	104	116	220	6499.88	298
	Jul 2012	168	3	101	22	123	6505.33	340
	Aug 2012	75	2	86	0	86	6503.64	327
	Sep 2012	54	2	71	0	71	6501.22	308
	WY 2012	**1140**	**15**	**972**	**142**	**1115**		
	Oct 2012	52	1	73	0	73	6498.28	286
	Nov 2012	43	1	71	0	71	6494.32	258
	Dec 2012	32	1	73	0	73	6488.11	216
	Jan 2013	30	1	73	0	73	6480.99	172
	Feb 2013	28	1	66	0	66	6473.31	134
	Mar 2013	52	0	73	0	73	6468.22	112
	Apr 2013	89	1	83	0	83	6469.54	117
	May 2013	176	1	99	6	105	6483.61	187
	Jun 2013	307	2	103	90	193	6500.01	299
	Jul 2013	185	3	101	38	138	6505.70	343
	Aug 2013	82	2	86	0	86	6504.93	337
	Sep 2013	48	2	71	0	71	6501.75	312
	WY 2013	**1126**	**15**	**973**	**134**	**1107**		

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2109

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

October 2011 24-Month Study

Most Probable Inflow*

Flaming Gorge Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	Oct 2010	32	60	7	77	0	77	126	6024.21	3131	113
H	Nov 2010	31	52	4	63	0	63	125	6023.83	3117	107
I	Dec 2010	45	64	2	68	0	68	125	6023.67	3111	114
S	Jan 2011	44	70	2	68	0	68	125	6023.69	3112	525
T	Feb 2011	36	60	2	67	0	67	125	6023.47	3104	489
O	Mar 2011	98	120	3	59	0	59	127	6024.99	3160	181
R	Apr 2011	159	166	5	172	0	172	127	6024.71	3150	472
I	May 2011	327	334	8	279	47	326	127	6024.73	3150	1108
C	Jun 2011	667	608	10	254	173	427	133	6029.11	3315	1570
A	Jul 2011	771	656	14	263	94	357	144	6036.07	3590	908
L	Aug 2011	144	115	13	148	0	148	142	6034.95	3544	243
*	Sep 2011	58	76	11	144	0	144	139	6033.03	3467	200
	WY 2011	**2414**	**2381**	**80**	**1661**	**314**	**1975**				**6029**
	Oct 2011	62	84	8	123	0	123	138	6031.89	3423	123
	Nov 2011	57	81	4	94	0	94	137	6031.50	3407	94
	Dec 2011	50	84	2	92	0	92	137	6031.25	3397	92
	Jan 2012	45	83	2	92	0	92	136	6030.97	3387	92
	Feb 2012	45	79	2	86	0	86	136	6030.74	3377	86
	Mar 2012	75	97	3	176	0	176	133	6028.69	3299	176
	Apr 2012	117	105	5	173	0	173	130	6026.85	3229	173
	May 2012	240	165	8	203	0	203	128	6025.66	3185	203
	Jun 2012	380	285	10	193	0	193	131	6027.75	3263	193
	Jul 2012	183	138	13	98	0	98	132	6028.41	3288	98
	Aug 2012	84	95	13	98	0	98	132	6028.01	3273	98
	Sep 2012	62	79	11	95	0	95	131	6027.31	3246	95
	WY 2012	**1400**	**1375**	**80**	**1524**	**0**	**1524**				**1524**
	Oct 2012	61	82	7	98	0	98	130	6026.71	3224	98
	Nov 2012	51	79	3	95	0	95	129	6026.22	3205	95
	Dec 2012	36	77	2	98	0	98	128	6025.62	3183	98
	Jan 2013	41	84	2	98	0	98	127	6025.20	3168	98
	Feb 2013	46	84	2	89	0	89	127	6025.02	3161	89
	Mar 2013	104	125	3	98	0	98	128	6025.64	3184	98
	Apr 2013	142	136	5	95	0	95	129	6026.58	3219	95
	May 2013	265	193	8	133	0	133	131	6027.90	3269	133
	Jun 2013	399	285	10	205	0	205	134	6029.64	3335	205
	Jul 2013	218	171	14	98	0	98	136	6031.12	3392	98
	Aug 2013	96	100	13	98	0	98	136	6030.84	3382	98
	Sep 2013	58	81	11	95	0	95	135	6030.22	3357	95
	WY 2013	**1518**	**1499**	**80**	**1304**	**0**	**1304**				**1304**

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2109 **Processed On: 10/13/2011 12:23:20PM**

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

October 2011 24-Month Study

Most Probable Inflow*

Taylor Park Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Oct 2010	7	6	9312.21	73
H	Nov 2010	5	5	9312.27	74
I	Dec 2010	5	5	9312.71	74
S	Jan 2011	5	5	9312.70	74
T	Feb 2011	4	4	9312.51	74
O	Mar 2011	5	6	9311.89	73
R	Apr 2011	7	8	9311.44	72
I	May 2011	22	33	9304.21	61
C	Jun 2011	65	28	9326.09	98
A	Jul 2011	37	39	9325.07	96
L	Aug 2011	12	24	9318.44	84
*	Sep 2011	7	20	9310.68	71
	WY 2011	**179**	**181**		
	Oct 2011	8	10	9309.30	69
	Nov 2011	7	6	9309.93	70
	Dec 2011	6	6	9310.12	70
	Jan 2012	6	6	9309.87	70
	Feb 2012	5	6	9309.04	68
	Mar 2012	5	6	9308.34	67
	Apr 2012	9	12	9306.44	64
	May 2012	27	20	9310.93	71
	Jun 2012	42	24	9321.33	89
	Jul 2012	18	24	9317.74	83
	Aug 2012	9	22	9309.93	70
	Sep 2012	7	16	9304.14	61
	WY 2012	**148**	**158**		
	Oct 2012	6	10	9301.55	57
	Nov 2012	5	6	9300.80	56
	Dec 2012	4	6	9299.67	55
	Jan 2013	4	6	9298.33	53
	Feb 2013	4	6	9296.78	51
	Mar 2013	4	6	9295.40	49
	Apr 2013	8	8	9295.67	49
	May 2013	27	14	9305.29	63
	Jun 2013	43	20	9319.24	86
	Jul 2013	20	20	9319.47	86
	Aug 2013	10	20	9313.73	76
	Sep 2013	7	16	9308.13	67
	WY 2013	**144**	**138**		

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2109

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

October 2011 24-Month Study

Most Probable Inflow*

Blue Mesa Reservoir

	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Oct 2010	29	29	1	85	0	85	7486.20	552
H	Nov 2010	27	27	0	24	0	24	7486.60	555
I	Dec 2010	30	29	0	27	0	27	7486.84	557
S	Jan 2011	23	23	0	27	0	27	7486.34	553
T	Feb 2011	21	21	0	43	0	43	7483.46	532
O	Mar 2011	38	39	0	75	0	75	7478.48	495
R	Apr 2011	77	78	1	95	0	95	7475.97	477
I	May 2011	168	179	1	162	0	162	7478.26	493
C	Jun 2011	425	389	1	127	19	146	7508.73	735
A	Jul 2011	222	222	2	150	0	150	7516.80	806
L	Aug 2011	67	79	1	123	0	123	7511.67	760
*	Sep 2011	35	48	1	108	0	108	7504.54	699
	WY 2011	**1162**	**1163**	**8**	**1046**	**19**	**1065**		
	Oct 2011	41	43	1	81	0	81	7499.93	661
	Nov 2011	35	34	0	43	0	43	7498.76	651
	Dec 2011	32	32	0	101	0	101	7490.00	581
	Jan 2012	29	29	0	82	0	82	7483.07	529
	Feb 2012	25	26	0	62	0	62	7478.16	493
	Mar 2012	34	35	0	38	0	38	7477.70	489
	Apr 2012	78	81	1	47	0	47	7482.26	523
	May 2012	206	199	1	102	0	102	7494.72	619
	Jun 2012	255	237	1	64	0	64	7515.03	790
	Jul 2012	105	112	2	98	0	98	7516.40	802
	Aug 2012	52	65	1	122	0	122	7509.83	744
	Sep 2012	43	52	1	116	0	116	7502.16	679
	WY 2012	**935**	**945**	**9**	**956**	**0**	**956**		
	Oct 2012	40	44	1	70	0	70	7498.91	652
	Nov 2012	32	33	0	40	0	40	7498.07	646
	Dec 2012	25	27	0	91	0	91	7490.00	581
	Jan 2013	24	26	0	79	0	79	7482.99	528
	Feb 2013	22	24	0	54	0	54	7478.87	498
	Mar 2013	34	36	0	36	0	36	7478.80	497
	Apr 2013	73	73	1	48	0	48	7482.08	521
	May 2013	212	199	1	107	0	107	7493.90	612
	Jun 2013	271	248	1	66	0	66	7515.32	793
	Jul 2013	121	120	2	109	0	109	7516.40	802
	Aug 2013	62	72	1	122	0	122	7510.58	751
	Sep 2013	36	45	1	113	0	113	7502.51	682
	WY 2013	**953**	**947**	**9**	**935**	**0**	**935**		

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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October 2011 24-Month Study

Most Probable Inflow*

Morrow Point Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Oct 2010	30	85	1	86	82	0	82	7153.88	112
H	Nov 2010	29	24	1	25	26	0	26	7152.79	111
I	Dec 2010	30	27	0	28	27	0	27	7153.98	112
S	Jan 2011	23	27	0	27	27	0	27	7153.70	112
T	Feb 2011	21	43	0	43	44	0	44	7152.08	111
O	Mar 2011	38	75	1	75	73	0	73	7154.37	113
R	Apr 2011	84	95	7	102	104	0	104	7152.20	111
I	May 2011	191	162	23	185	181	0	181	7156.18	114
C	Jun 2011	455	146	30	176	170	0	176	7155.72	114
A	Jul 2011	231	150	9	159	159	0	159	7155.22	113
L	Aug 2011	68	123	1	125	124	0	124	7155.77	114
*	Sep 2011	36	108	1	109	115	0	115	7148.00	108
	WY 2011	**1236**	**1065**	**74**	**1139**	**1133**	**0**	**1139**		
	Oct 2011	44	81	3	84	80	0	80	7153.73	112
	Nov 2011	37	43	2	45	45	0	45	7153.73	112
	Dec 2011	34	101	2	103	103	0	103	7153.73	112
	Jan 2012	32	82	3	85	85	0	85	7153.73	112
	Feb 2012	27	62	2	64	64	0	64	7153.73	112
	Mar 2012	37	38	3	41	41	0	41	7153.73	112
	Apr 2012	90	47	12	59	59	0	59	7153.73	112
	May 2012	230	102	24	126	126	0	126	7153.73	112
	Jun 2012	275	64	20	84	84	0	84	7153.73	112
	Jul 2012	112	98	7	105	105	0	105	7153.73	112
	Aug 2012	56	122	4	126	126	0	126	7153.73	112
	Sep 2012	46	116	3	119	119	0	119	7153.73	112
	WY 2012	**1020**	**956**	**85**	**1041**	**1037**	**0**	**1037**		
	Oct 2012	43	70	3	73	73	0	73	7153.73	112
	Nov 2012	35	40	2	42	42	0	42	7153.73	112
	Dec 2012	27	91	2	93	93	0	93	7153.73	112
	Jan 2013	26	79	2	81	81	0	81	7153.73	112
	Feb 2013	25	54	3	57	57	0	57	7153.73	112
	Mar 2013	38	36	4	40	40	0	40	7153.73	112
	Apr 2013	84	48	11	59	59	0	59	7153.73	112
	May 2013	237	107	25	132	132	0	132	7153.73	112
	Jun 2013	292	66	21	87	87	0	87	7153.73	112
	Jul 2013	127	109	7	116	116	0	116	7153.73	112
	Aug 2013	65	122	4	126	126	0	126	7153.73	112
	Sep 2013	39	113	3	116	116	0	116	7153.73	112
	WY 2013	**1039**	**935**	**86**	**1022**	**1022**	**0**	**1022**		

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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October 2011 24-Month Study

Most Probable Inflow*

Crystal Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
*	Oct 2010	34	82	4	86	85	0	85	6750.41	16	51	33
H	Nov 2010	32	26	4	30	30	0	30	6748.60	16	1	29
I	Dec 2010	34	27	4	31	31	0	31	6748.24	16	1	30
S	Jan 2011	27	27	4	31	30	1	31	6749.02	16	1	30
T	Feb 2011	24	44	3	47	24	23	46	6751.55	17	1	47
O	Mar 2011	43	73	5	78	78	0	78	6751.94	17	5	76
R	Apr 2011	92	104	8	112	110	2	112	6752.03	17	38	79
I	May 2011	204	181	13	195	126	68	194	6753.39	17	63	137
C	Jun 2011	516	176	61	237	120	81	237	6752.90	17	62	183
A	Jul 2011	255	159	23	182	128	58	186	6739.47	13	62	136
L	Aug 2011	75	124	7	131	126	2	129	6748.39	16	66	70
*	Sep 2011	39	115	4	119	120	0	120	6744.21	14	64	63
	WY 2011	**1375**	**1139**	**139**	**1278**	**1008**	**235**	**1279**			**413**	**913**
	Oct 2011	50	80	6	86	83	0	83	6753.04	17	30	53
	Nov 2011	42	45	5	50	50	0	50	6753.04	17	0	50
	Dec 2011	40	103	6	109	109	0	109	6753.04	17	0	109
	Jan 2012	40	85	8	93	93	0	93	6753.04	17	0	93
	Feb 2012	32	64	5	69	69	0	69	6753.04	17	0	69
	Mar 2012	43	41	6	47	47	0	47	6753.04	17	5	42
	Apr 2012	103	59	13	72	72	0	72	6753.04	17	30	42
	May 2012	260	126	30	156	134	22	156	6753.04	17	55	101
	Jun 2012	305	84	30	114	114	0	114	6753.04	17	60	54
	Jul 2012	129	105	17	122	122	0	122	6753.04	17	65	57
	Aug 2012	64	126	8	134	134	0	134	6753.04	17	65	69
	Sep 2012	52	119	6	125	125	0	125	6753.04	17	55	70
	WY 2012	**1160**	**1037**	**140**	**1177**	**1152**	**22**	**1174**			**365**	**809**
	Oct 2012	49	73	6	79	79	0	79	6753.04	17	30	49
	Nov 2012	40	42	5	47	47	0	47	6753.04	17	0	47
	Dec 2012	32	93	5	98	98	0	98	6753.04	17	0	98
	Jan 2013	31	81	5	86	86	0	86	6753.04	17	0	86
	Feb 2013	29	57	4	61	61	0	61	6753.04	17	0	61
	Mar 2013	46	40	7	47	47	0	47	6753.04	17	5	42
	Apr 2013	96	59	12	71	71	0	71	6753.04	17	30	41
	May 2013	272	132	35	167	134	33	167	6753.04	17	55	112
	Jun 2013	330	87	38	125	125	0	125	6753.04	17	60	65
	Jul 2013	144	116	17	133	133	0	133	6753.04	17	65	68
	Aug 2013	74	126	8	134	134	0	134	6753.04	17	65	69
	Sep 2013	45	116	6	122	122	0	122	6753.04	17	55	67
	WY 2013	**1189**	**1022**	**150**	**1172**	**1138**	**33**	**1172**			**365**	**807**

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

October 2011 24-Month Study

Most Probable Inflow*

Vallecito Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Oct 2010	12	13	7636.95	58
H	Nov 2010	7	2	7639.20	63
I	Dec 2010	6	2	7641.20	67
S	Jan 2011	5	2	7642.53	70
T	Feb 2011	4	2	7643.62	72
O	Mar 2011	7	2	7645.67	77
R	Apr 2011	22	4	7653.10	95
I	May 2011	44	27	7659.70	111
C	Jun 2011	79	64	7664.94	125
A	Jul 2011	23	39	7658.78	109
L	Aug 2011	10	37	7647.29	81
*	Sep 2011	8	29	7637.58	59
	WY 2011	**226**	**222**		
	Oct 2011	9	17	7633.62	51
	Nov 2011	7	1	7636.14	56
	Dec 2011	5	2	7637.72	60
	Jan 2012	4	2	7638.93	62
	Feb 2012	3	1	7639.82	64
	Mar 2012	6	2	7641.81	68
	Apr 2012	20	2	7649.43	86
	May 2012	64	31	7662.14	118
	Jun 2012	75	68	7664.54	124
	Jul 2012	26	42	7658.44	108
	Aug 2012	17	38	7649.91	87
	Sep 2012	14	30	7643.19	71
	WY 2012	**250**	**235**		
	Oct 2012	12	17	7640.82	66
	Nov 2012	8	3	7642.91	71
	Dec 2012	6	3	7644.07	73
	Jan 2013	5	3	7644.86	75
	Feb 2013	5	3	7645.60	77
	Mar 2013	8	3	7647.66	81
	Apr 2013	22	3	7655.36	100
	May 2013	69	51	7662.41	118
	Jun 2013	78	71	7664.73	125
	Jul 2013	31	42	7660.50	113
	Aug 2013	19	38	7653.01	94
	Sep 2013	17	30	7647.72	82
	WY 2013	**280**	**267**		

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Managing Water in the West

October 2011 24-Month Study

Most Probable Inflow*

Navajo Reservoir

	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azetea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Farmington Flow (1000 Ac-Ft)
*	Oct 2010	24	0	26	2	8	36	6063.49	1393	46
H	Nov 2010	17	0	12	1	1	29	6062.08	1374	46
I	Dec 2010	23	0	19	1	1	30	6061.11	1362	42
S	Jan 2011	16	0	13	1	1	31	6059.58	1342	50
T	Feb 2011	18	0	15	1	1	28	6058.41	1328	45
O	Mar 2011	41	2	35	2	4	31	6058.28	1326	46
R	Apr 2011	115	14	84	2	19	31	6060.75	1357	44
I	May 2011	172	22	134	4	28	32	6066.13	1428	79
C	Jun 2011	252	43	193	4	42	113	6068.65	1462	295
A	Jul 2011	40	8	46	5	48	31	6065.88	1424	98
L	Aug 2011	3	2	29	4	47	46	6060.64	1356	47
*	Sep 2011	16	2	36	3	20	42	6058.35	1327	
	WY 2011	**738**	**93**	**642**	**28**	**220**	**479**			**838**
	Oct 2011	26	1	32	2	6	33	6057.70	1319	33
	Nov 2011	28	1	22	1	0	30	6057.02	1310	30
	Dec 2011	20	0	17	1	0	31	6055.83	1296	31
	Jan 2012	19	0	16	1	0	31	6054.61	1281	31
	Feb 2012	25	0	23	1	0	29	6054.07	1274	29
	Mar 2012	71	3	64	2	2	31	6056.51	1304	31
	Apr 2012	136	17	102	2	17	30	6060.70	1357	30
	May 2012	260	46	181	4	31	57	6067.49	1446	57
	Jun 2012	230	32	191	4	46	146	6067.12	1441	146
	Jul 2012	54	7	63	5	51	34	6065.17	1415	34
	Aug 2012	29	2	48	4	43	53	6061.21	1363	53
	Sep 2012	32	0	47	3	24	36	6059.96	1347	36
	WY 2012	**930**	**108**	**806**	**28**	**220**	**538**			**538**
	Oct 2012	34	1	37	2	6	31	6059.87	1346	31
	Nov 2012	30	1	25	1	0	30	6059.42	1340	30
	Dec 2012	24	0	21	1	0	31	6058.61	1330	31
	Jan 2013	22	0	20	1	0	31	6057.70	1319	31
	Feb 2013	30	0	29	1	0	28	6057.71	1319	28
	Mar 2013	88	3	81	2	2	31	6061.39	1366	31
	Apr 2013	174	15	140	3	17	30	6068.24	1456	30
	May 2013	279	37	222	4	31	144	6071.41	1500	144
	Jun 2013	246	31	208	4	46	259	6063.90	1398	259
	Jul 2013	74	6	79	5	51	44	6062.37	1378	44
	Aug 2013	43	2	60	4	43	45	6059.87	1346	45
	Sep 2013	42	0	54	3	24	38	6059.00	1335	38
	WY 2013	**1087**	**96**	**977**	**28**	**220**	**741**			**741**

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Most Probable Inflow*

Lake Powell

	Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry (1000 Ac-Ft)
*	Oct 2010	362	512	41	495	0	495	3634.08	17976	15315	502
H	Nov 2010	438	474	39	810	0	810	3630.31	18029	14888	826
I	Dec 2010	416	446	30	847	0	847	3626.54	18017	14469	865
S	Jan 2011	381	429	9	997	0	997	3620.55	18086	13822	1015
T	Feb 2011	317	377	10	964	0	964	3614.95	18076	13235	984
O	Mar 2011	579	581	16	1033	0	1033	3610.73	18039	12804	1055
R	Apr 2011	977	937	25	940	0	940	3611.93	17890	12926	965
I	May 2011	2178	2205	30	1171	0	1171	3623.13	17722	14098	1207
C	Jun 2011	5408	4866	54	1377	0	1377	3648.98	18166	17089	1419
A	Jul 2011	4328	3756	74	1483	0	1483	3660.86	18849	18605	1532
L	Aug 2011	858	974	74	1479	0	1479	3655.34	18986	17890	1530
*	Sep 2011	532	744	67	922	0	922	3653.01	19037	17593	957
	WY 2011	**16774**	**16301**	**467**	**12518**	**0**	**12518**				**12856**
	Oct 2011	650	758	46	953	0	953	3651.24	19062	17371	953
	Nov 2011	625	673	43	1200	0	1200	3646.98	19020	16842	1200
	Dec 2011	525	647	34	1200	0	1200	3642.50	18976	16300	1200
	Jan 2012	475	587	10	1000	0	1000	3639.19	18945	15908	1000
	Feb 2012	450	532	11	800	0	800	3636.98	18924	15649	800
	Mar 2012	675	744	19	900	0	900	3635.58	18911	15487	900
	Apr 2012	1050	1002	29	1000	0	1000	3635.36	18909	15462	1000
	May 2012	2250	1984	36	1000	0	1000	3642.83	18979	16340	1000
	Jun 2012	2750	2366	58	1100	0	1100	3651.94	19069	17458	1100
	Jul 2012	1150	1095	71	1171	0	1171	3650.85	19058	17322	1171
	Aug 2012	525	678	70	1100	0	1100	3647.17	19021	16867	1100
	Sep 2012	475	610	63	833	0	833	3645.00	19000	16601	833
	WY 2012	**11600**	**11675**	**490**	**12257**	**0**	**12257**				**12257**
	Oct 2012	525	597	43	861	0	861	3642.64	18977	16316	861
	Nov 2012	529	581	41	600	0	600	3642.17	18973	16260	600
	Dec 2012	414	549	33	800	0	800	3639.95	18952	15998	800
	Jan 2013	384	505	10	800	0	800	3637.55	18929	15715	800
	Feb 2013	398	470	11	800	0	800	3634.82	18904	15399	800
	Mar 2013	628	571	18	600	0	600	3634.44	18901	15356	600
	Apr 2013	950	766	29	850	0	850	3633.52	18892	15251	850
	May 2013	2161	1858	35	950	0	950	3640.48	18957	16059	950
	Jun 2013	2811	2503	57	1050	0	1050	3651.09	19060	17352	1050
	Jul 2013	1346	1240	71	1200	0	1200	3650.86	19058	17323	1200
	Aug 2013	566	676	70	1084	0	1084	3647.29	19023	16880	1084
	Sep 2013	460	594	63	700	0	700	3646.00	19010	16723	700
	WY 2013	**11172**	**10910**	**483**	**10295**	**0**	**10295**				**10295**

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2109

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

October 2011 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Glen Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Oct 2010	495	80	42	638	10.4	24	607	648	1082.36	9971
H	Nov 2010	810	13	42	800	13.4	18	795	646	1081.94	9936
I	Dec 2010	847	248	37	660	10.7	9	630	670	1086.30	10301
S	Jan 2011	997	74	31	540	8.8	8	526	700	1091.73	10765
T	Feb 2011	964	84	29	635	11.4	9	616	723	1095.78	11117
O	Mar 2011	1033	77	33	1006	16.4	15	1002	726	1096.39	11170
R	Apr 2011	940	140	40	1078	18.1	20	1066	722	1095.76	11115
I	May 2011	1171	104	47	1001	16.3	25	997	735	1097.90	11304
C	Jun 2011	1377	76	57	939	15.8	29	938	761	1102.38	11705
A	Jul 2011	1483	74	73	1001	16.3	27	1000	789	1107.07	12133
L	Aug 2011	1479	97	80	831	13.5	29	829	827	1113.45	12730
*	Sep 2011	922	95	67	670	11.3	17	668	844	1116.04	12977
	WY 2011	**12518**	**1161**	**578**	**9799**		**229**	**9675**			
	Oct 2011	953	59	49	400	6.5	22	400	877	1121.30	13485
	Nov 2011	1200	48	51	614	10.3	21	614	911	1126.62	14013
	Dec 2011	1200	99	45	447	7.3	17	447	959	1133.92	14756
	Jan 2012	1000	76	37	697	11.3	16	697	979	1136.86	15062
	Feb 2012	800	92	35	719	12.5	14	719	987	1137.97	15178
	Mar 2012	900	80	39	1018	16.6	20	1018	981	1137.10	15087
	Apr 2012	1000	60	48	1140	19.2	16	1140	972	1135.80	14951
	May 2012	1000	49	55	983	16.0	27	983	971	1135.65	14936
	Jun 2012	1100	23	67	850	14.3	22	850	982	1137.30	15108
	Jul 2012	1171	50	84	890	14.5	24	890	996	1139.29	15318
	Aug 2012	1100	109	90	811	13.2	26	811	1013	1141.78	15581
	Sep 2012	833	70	75	668	11.2	18	668	1021	1143.02	15714
	WY 2012	**12257**	**815**	**676**	**9238**		**243**	**9238**			
	Oct 2012	861	59	55	398	6.5	22	398	1049	1146.87	16132
	Nov 2012	600	48	56	633	10.6	21	633	1045	1146.33	16074
	Dec 2012	800	99	48	555	9.0	17	555	1062	1148.71	16336
	Jan 2013	800	76	40	709	11.5	16	709	1069	1149.64	16440
	Feb 2013	800	92	37	715	12.9	15	715	1076	1150.71	16557
	Mar 2013	600	80	41	1053	17.1	21	1053	1050	1147.01	16148
	Apr 2013	850	60	50	1142	19.2	17	1142	1031	1144.44	15868
	May 2013	950	49	57	1031	16.8	27	1031	1024	1143.43	15758
	Jun 2013	1050	23	69	958	16.1	23	958	1026	1143.63	15780
	Jul 2013	1200	50	87	949	15.4	25	949	1037	1145.27	15958
	Aug 2013	1084	109	93	859	14.0	27	859	1050	1147.10	16158
	Sep 2013	700	70	77	700	11.8	19	700	1049	1146.88	16134
	WY 2013	**10295**	**815**	**711**	**9701**		**251**	**9701**			

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

October 2011 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Oct 2010	638	6	15	766	0	766	12.5	633.10	1437
H	Nov 2010	800	-29	10	631	0	631	10.6	638.09	1567
I	Dec 2010	660	-15	9	553	0	553	9.0	641.21	1650
S	Jan 2011	540	-7	10	502	0	502	8.2	641.95	1670
T	Feb 2011	635	-10	10	586	0	586	10.5	643.01	1699
O	Mar 2011	1006	-11	13	976	0	976	15.9	643.23	1705
R	Apr 2011	1078	-13	17	1047	0	1047	17.6	643.30	1707
I	May 2011	1001	-10	22	949	0	949	15.4	644.04	1727
C	Jun 2011	939	-9	25	954	0	954	16.0	642.27	1679
A	Jul 2011	1001	-10	25	943	0	943	15.3	643.11	1702
L	Aug 2011	831	-6	23	822	0	822	13.4	642.38	1682
*	Sep 2011	670	-6	18	717	0	717	12.1	639.73	1610
	WY 2011	**9799**	**-120**	**198**	**9446**	**0**	**9446**			
	Oct 2011	400	3	15	564	0	564	9.2	633.00	1434
	Nov 2011	614	-10	10	517	0	517	8.7	636.00	1512
	Dec 2011	447	-13	9	353	0	353	5.7	638.71	1583
	Jan 2012	697	-17	10	588	0	588	9.6	641.80	1666
	Feb 2012	719	-6	10	704	0	704	12.2	641.80	1666
	Mar 2012	1018	-15	13	956	0	956	15.5	643.05	1700
	Apr 2012	1140	-15	17	1110	0	1110	18.7	643.00	1699
	May 2012	983	-10	22	951	0	951	15.5	643.00	1699
	Jun 2012	850	-6	25	846	0	846	14.2	642.00	1671
	Jul 2012	890	1	25	879	0	879	14.3	641.50	1658
	Aug 2012	811	-5	23	784	0	784	12.7	641.50	1658
	Sep 2012	668	1	18	744	0	744	12.5	638.00	1564
	WY 2012	**9238**	**-91**	**197**	**8996**	**0**	**8996**			
	Oct 2012	398	3	14	579	0	579	9.4	630.49	1371
	Nov 2012	633	-10	10	499	0	499	8.4	635.00	1486
	Dec 2012	555	-13	9	435	0	435	7.1	638.71	1583
	Jan 2013	709	-17	10	600	0	600	9.8	641.80	1666
	Feb 2013	715	-6	10	700	0	700	12.6	641.80	1666
	Mar 2013	1053	-15	13	991	0	991	16.1	643.05	1700
	Apr 2013	1142	-15	17	1111	0	1111	18.7	643.00	1699
	May 2013	1031	-10	22	998	0	998	16.2	643.00	1699
	Jun 2013	958	-6	25	954	0	954	16.0	642.00	1671
	Jul 2013	949	1	25	938	0	938	15.3	641.50	1658
	Aug 2013	859	-5	23	831	0	831	13.5	641.50	1658
	Sep 2013	700	1	18	777	0	777	13.1	638.00	1564
	WY 2013	**9701**	**-91**	**196**	**9413**	**0**	**9413**			

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

October 2011 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	Oct 2010	766	25	12	465	7.6	102	166	449.14	602	106	1.7
H	Nov 2010	631	38	9	428	7.2	98	159	447.59	572	114	1.9
I	Dec 2010	553	33	7	290	4.7	93	183	448.10	582	147	2.4
S	Jan 2011	502	8	6	391	6.4	52	89	446.40	550	141	2.3
T	Feb 2011	586	15	8	415	7.5	22	135	447.29	567	173	3.1
O	Mar 2011	976	6	9	694	11.3	71	186	448.06	581	199	3.2
R	Apr 2011	1047	18	11	786	13.2	71	180	448.54	590	204	3.4
I	May 2011	949	17	13	691	11.2	83	167	448.68	593	115	1.9
C	Jun 2011	954	14	15	708	11.9	96	155	447.73	575	120	2.0
A	Jul 2011	943	35	17	762	12.4	100	77	448.22	584	127	2.1
L	Aug 2011	822	26	17	669	10.9	91	60	448.13	583	97	1.6
*	Sep 2011	717	32	15	538	9.0	83	102	448.28	585	91	1.5
	WY 2011	**9446**	**266**	**140**	**6837**		**962**	**1657**			**1635**	
	Oct 2011	564	20	12	418	6.8	9	142	448.00	580	55	0.9
	Nov 2011	517	26	9	354	5.9	6	167	448.00	580	93	1.6
	Dec 2011	353	21	7	233	3.8	24	124	447.00	561	90	1.5
	Jan 2012	588	15	6	342	5.6	85	165	447.00	561	122	2.0
	Feb 2012	704	6	8	464	8.1	77	156	447.00	561	153	2.7
	Mar 2012	956	22	9	702	11.4	85	174	447.00	561	208	3.4
	Apr 2012	1110	18	11	827	13.9	83	166	448.70	593	200	3.4
	May 2012	951	13	13	696	11.3	86	159	448.70	593	111	1.8
	Jun 2012	846	9	16	653	11.0	83	90	448.70	593	112	1.9
	Jul 2012	879	15	17	719	11.7	85	72	448.00	580	118	1.9
	Aug 2012	784	18	17	629	10.2	85	68	447.50	571	92	1.5
	Sep 2012	744	15	15	540	9.1	61	148	446.81	557	89	1.5
	WY 2012	**8996**	**199**	**140**	**6575**		**767**	**1631**			**1444**	
	Oct 2012	579	20	12	452	7.3	24	113	446.31	548	72	1.2
	Nov 2012	499	26	8	371	6.2	24	111	446.50	552	105	1.8
	Dec 2012	435	21	6	295	4.8	24	125	446.50	552	118	1.9
	Jan 2013	600	15	6	356	5.8	106	142	446.50	552	122	2.0
	Feb 2013	700	6	8	461	8.3	96	136	446.50	552	153	2.8
	Mar 2013	991	22	9	708	11.5	106	179	446.70	555	208	3.4
	Apr 2013	1111	18	11	796	13.4	103	173	448.70	593	200	3.4
	May 2013	998	13	13	703	11.4	106	179	448.70	593	111	1.8
	Jun 2013	954	9	16	676	11.4	103	156	448.70	593	112	1.9
	Jul 2013	938	15	17	730	11.9	106	99	448.00	580	118	1.9
	Aug 2013	831	18	17	625	10.2	106	98	447.50	571	92	1.5
	Sep 2013	777	15	15	530	8.9	103	148	446.81	557	89	1.5
	WY 2013	**9413**	**199**	**139**	**6702**		**1007**	**1660**			**1500**	

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

October 2011 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Oct 2010	638	10.4	1082.36	9971	-121	440.25	1104.0	241.3	68	378.5
H	Nov 2010	800	13.4	1081.94	9936	-35	437.87	1185.0	305.1	74	381.4
I	Dec 2010	660	10.7	1086.30	10301	365	439.05	1388.0	246.5	87	373.5
S	Jan 2011	540	8.8	1091.73	10765	463	446.84	1103.0	200.9	69	372.4
T	Feb 2011	635	11.4	1095.78	11117	353	447.78	1414.0	244.7	88	385.7
O	Mar 2011	1006	16.4	1096.39	11170	54	449.79	1232.0	398.2	75	395.8
R	Apr 2011	1078	18.1	1095.76	11115	-55	449.53	1157.0	430.9	70	399.6
I	May 2011	1001	16.3	1097.90	11304	189	452.71	1468.0	394.5	88	393.9
C	Jun 2011	939	15.8	1102.38	11705	401	457.87	1661.0	372.1	100	396.2
A	Jul 2011	1001	16.3	1107.07	12133	429	462.21	1698.0	403.2	100	402.6
L	Aug 2011	831	13.5	1113.45	12730	597	469.04	1721.0	338.8	100	407.7
*	Sep 2011	670	11.3	1116.04	12977	247	473.88	1757.0	272.0	100	406.1
	WY 2011	**9799**							**3848.4**		
	Oct 2011	400	6.5	1121.30	13485	508	471.49	1311.0	161.4	74	403.3
	Nov 2011	614	10.3	1126.62	14013	528	479.12	1281.0	261.5	69	425.9
	Dec 2011	447	7.3	1133.92	14756	743	483.68	1290.0	187.4	68	419.4
	Jan 2012	697	11.3	1136.86	15062	306	487.64	1179.0	302.9	61	434.8
	Feb 2012	719	12.5	1137.97	15178	116	488.58	1198.0	317.8	62	441.7
	Mar 2012	1018	16.6	1137.10	15087	-91	486.15	1570.0	443.0	81	435.0
	Apr 2012	1140	19.2	1135.80	14951	-136	484.00	1687.0	502.6	87	440.9
	May 2012	983	16.0	1135.65	14936	-15	483.32	1689.0	428.7	87	436.0
	Jun 2012	850	14.3	1137.30	15108	172	482.96	1954.0	370.1	100	435.3
	Jul 2012	890	14.5	1139.29	15318	209	485.26	1969.0	389.7	100	437.8
	Aug 2012	811	13.2	1141.78	15581	263	487.66	1979.0	352.5	100	434.6
	Sep 2012	668	11.2	1143.02	15714	133	490.66	1981.0	284.8	100	426.6
	WY 2012	**9238**							**4002.5**		
	Oct 2012	398	6.5	1146.87	16132	418	496.32	1821.0	165.2	91	415.4
	Nov 2012	633	10.6	1146.33	16074	-59	501.21	1683.0	274.2	84	432.9
	Dec 2012	555	9.0	1148.71	16336	262	499.42	1692.0	237.1	84	427.4
	Jan 2013	709	11.5	1149.64	16440	104	498.83	1695.0	309.8	84	436.9
	Feb 2013	715	12.9	1150.71	16557	117	500.08	1467.0	320.5	73	448.0
	Mar 2013	1053	17.1	1147.01	16148	-409	497.45	1629.2	469.8	81	446.1
	Apr 2013	1142	19.2	1144.44	15868	-281	493.25	1751.6	511.7	87	448.3
	May 2013	1031	16.8	1143.43	15758	-110	491.50	1747.3	451.4	87	437.9
	Jun 2013	958	16.1	1143.63	15780	22	489.98	2008.0	411.8	100	430.0
	Jul 2013	949	15.4	1145.27	15958	178	491.39	2008.0	414.5	100	436.8
	Aug 2013	859	14.0	1147.10	16158	201	493.29	2008.0	379.3	100	441.8
	Sep 2013	700	11.8	1146.88	16134	-25	495.24	2008.0	303.1	100	433.0
	WY 2013	**9701**							**4248.5**		

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

October 2011 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Oct 2010	766	12.5	633.10	1437	-138	129.52	209.1	92.1	82	120.2
H	Nov 2010	631	10.6	638.09	1567	130	137.83	153.0	77.2	60	122.5
I	Dec 2010	553	9.0	641.21	1650	84	141.87	168.3	67.8	66	122.6
S	Jan 2011	502	8.2	641.95	1670	20	140.42	153.0	63.3	60	125.9
T	Feb 2011	586	10.5	643.01	1699	29	139.78	181.1	73.6	71	125.6
O	Mar 2011	976	15.9	643.23	1705	6	138.82	204.0	123.0	80	126.0
R	Apr 2011	1047	17.6	643.30	1707	2	141.68	227.0	131.6	89	125.7
I	May 2011	949	15.4	644.04	1727	20	142.61	255.0	120.3	100	126.8
C	Jun 2011	954	16.0	642.27	1679	-48	140.41	249.9	120.6	98	126.4
A	Jul 2011	943	15.3	643.11	1702	23	143.18	255.0	119.3	100	126.5
L	Aug 2011	822	13.4	642.38	1682	-20	140.95	255.0	103.5	100	125.9
*	Sep 2011	717	12.1	639.73	1610	-72	137.99	255.0	90.2	100	125.8
	WY 2011	**9446**							**1182.3**		
	Oct 2011	564	9.2	633.00	1434	-176	131.72	168.3	68.4	66	121.3
	Nov 2011	517	8.7	636.00	1512	77	129.25	183.6	61.9	72	119.8
	Dec 2011	353	5.7	638.71	1583	71	132.41	178.5	43.7	70	123.6
	Jan 2012	588	9.6	641.80	1666	83	135.70	170.9	73.3	67	124.7
	Feb 2012	704	12.2	641.80	1666	0	137.51	163.2	88.1	64	125.1
	Mar 2012	956	15.5	643.05	1700	34	135.78	242.3	119.1	95	124.6
	Apr 2012	1110	18.7	643.00	1699	-2	136.07	255.0	137.9	100	124.2
	May 2012	951	15.5	643.00	1699	0	136.04	255.0	119.0	100	125.1
	Jun 2012	846	14.2	642.00	1671	-27	135.51	255.0	105.8	100	125.1
	Jul 2012	879	14.3	641.50	1658	-14	134.73	255.0	109.3	100	124.4
	Aug 2012	784	12.7	641.50	1658	0	134.46	255.0	97.7	100	124.7
	Sep 2012	744	12.5	638.00	1564	-94	132.62	255.0	91.7	100	123.2
	WY 2012	**8996**							**1115.8**		
	Oct 2012	579	9.4	630.49	1371	-193	127.85	219.3	69.1	86	119.3
	Nov 2012	499	8.4	635.00	1486	115	125.53	244.8	59.0	96	118.4
	Dec 2012	435	7.1	638.71	1583	97	130.29	229.5	53.4	90	122.6
	Jan 2013	600	9.8	641.80	1666	83	134.09	221.9	74.7	87	124.6
	Feb 2013	700	12.6	641.80	1666	0	136.08	209.1	87.5	82	125.0
	Mar 2013	991	16.1	643.05	1700	34	135.86	239.7	123.3	94	124.4
	Apr 2013	1111	18.7	643.00	1699	-2	136.07	255.0	138.1	100	124.2
	May 2013	998	16.2	643.00	1699	0	136.04	255.0	124.7	100	124.9
	Jun 2013	954	16.0	642.00	1671	-27	135.51	255.0	118.8	100	124.5
	Jul 2013	938	15.3	641.50	1658	-14	134.73	255.0	116.4	100	124.1
	Aug 2013	831	13.5	641.50	1658	0	134.46	255.0	103.4	100	124.4
	Sep 2013	777	13.1	638.00	1564	-94	132.62	255.0	95.5	100	123.0
	WY 2013	**9413**							**1163.8**		

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

October 2011 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Oct 2010	465	7.6	449.14	602	42	82.79	90.0	31.4	75	67.4
H	Nov 2010	428	7.2	447.59	572	-30	79.41	91.2	30.4	76	71.1
I	Dec 2010	290	4.7	448.10	582	10	82.60	104.4	19.7	87	67.9
S	Jan 2011	391	6.4	446.40	550	-32	80.10	97.2	26.8	81	68.6
T	Feb 2011	415	7.5	447.29	567	17	76.83	90.0	29.3	75	70.7
O	Mar 2011	694	11.3	448.06	581	15	80.18	112.8	47.4	94	68.4
R	Apr 2011	786	13.2	448.54	590	9	82.13	120.0	54.4	100	69.1
I	May 2011	691	11.2	448.68	593	3	80.58	120.0	47.9	100	69.3
C	Jun 2011	708	11.9	447.73	575	-18	81.68	114.0	49.9	95	70.4
A	Jul 2011	762	12.4	448.22	584	9	81.72	116.4	51.6	97	67.7
L	Aug 2011	669	10.9	448.13	583	-2	82.04	120.0	46.1	100	68.9
*	Sep 2011	538	9.0	448.28	585	3	82.16	120.0	39.4	100	73.2
	WY 2011	**6837**							**474.2**		
	Oct 2011	418	6.8	448.00	580	-5	76.79	92.4	27.5	77	65.9
	Nov 2011	354	5.9	448.00	580	0	76.78	90.0	23.1	75	65.4
	Dec 2011	233	3.8	447.00	561	-19	77.80	64.8	14.9	54	63.9
	Jan 2012	342	5.6	447.00	561	0	77.64	60.0	22.6	50	66.3
	Feb 2012	464	8.1	447.00	561	0	76.41	79.2	30.8	66	66.4
	Mar 2012	702	11.4	447.00	561	0	75.81	90.0	46.8	75	66.6
	Apr 2012	827	13.9	448.70	593	32	75.23	120.0	54.7	100	66.2
	May 2012	696	11.3	448.70	593	0	76.05	120.0	46.2	100	66.5
	Jun 2012	653	11.0	448.70	593	0	76.05	120.0	43.3	100	66.4
	Jul 2012	719	11.7	448.00	580	-13	75.71	120.0	47.7	100	66.3
	Aug 2012	629	10.2	447.50	571	-10	75.13	120.0	41.2	100	65.6
	Sep 2012	540	9.1	446.81	557	-13	74.55	120.0	35.0	100	64.9
	WY 2012	**6575**							**434.0**		
	Oct 2012	452	7.3	446.31	548	-9	74.77	102.0	29.2	85	64.6
	Nov 2012	371	6.2	446.50	552	3	74.62	102.0	23.8	85	64.0
	Dec 2012	295	4.8	446.50	552	0	74.71	102.0	18.6	85	63.1
	Jan 2013	356	5.8	446.50	552	0	74.71	102.0	22.7	85	63.8
	Feb 2013	461	8.3	446.50	552	0	73.92	120.0	29.6	100	64.2
	Mar 2013	708	11.5	446.70	555	4	74.01	120.0	45.9	100	64.9
	Apr 2013	796	13.4	448.70	593	38	75.08	120.0	52.5	100	66.0
	May 2013	703	11.4	448.70	593	0	76.05	120.0	46.7	100	66.5
	Jun 2013	676	11.4	448.70	593	0	76.05	120.0	44.9	100	66.5
	Jul 2013	730	11.9	448.00	580	-13	75.71	120.0	48.4	100	66.3
	Aug 2013	625	10.2	447.50	571	-10	75.13	120.0	41.0	100	65.5
	Sep 2013	530	8.9	446.81	557	-13	74.55	120.0	34.4	100	64.8
	WY 2013	**6702**							**437.7**		

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

October 2011 24-Month Study

Most Probable Inflow*

Upper Basin Power

	Date	Glen Canyon 1000 MWHR	Flaming Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Reservoir 1000 MWHR	Fontenelle Reservoir 1000 MWHR
*	Oct 2010	226	30	24	29	16	0
H	Nov 2010	369	24	7	9	4	4
I	Dec 2010	382	26	8	9	4	4
S	Jan 2011	445	26	8	9	4	4
T	Feb 2011	425	26	12	15	4	3
O	Mar 2011	453	23	21	26	15	4
	Winter 2011	**2299**	**156**	**79**	**97**	**48**	**19**
R	Apr 2011	415	65	26	37	21	5
I	May 2011	520	105	44	66	23	5
C	Jun 2011	634	98	36	61	23	5
A	Jul 2011	708					
L	Aug 2011	706	60	39	44	22	8
*	Sep 2011	442	58	34	41	22	6
	Summer 2011	**3425**	**386**	**179**	**248**	**111**	**30**
	Oct 2011	416	45	25	28	14	7
	Nov 2011	521	35	13	16	9	6
	Dec 2011	517	34	30	37	19	6
	Jan 2012	428	34	24	31	16	6
	Feb 2012	340	32	18	23	12	5
	Mar 2012	382	65	11	15	8	5
	Winter 2012	**2603**	**244**	**120**	**151**	**78**	**35**
	Apr 2012	423	63	13	21	12	5
	May 2012	426	74	30	45	23	7
	Jun 2012	476	71	20	30	20	9
	Jul 2012	511	36	31	38	21	10
	Aug 2012	478	36	38	45	23	8
	Sep 2012	360	35	36	43	22	7
	Summer 2012	**2673**	**315**	**168**	**223**	**121**	**46**
	Oct 2012	370	36	21	26	14	7
	Nov 2012	257	35	12	15	8	6
	Dec 2012	342	36	27	33	17	6
	Jan 2013	341	36	23	29	15	6
	Feb 2013	339	32	16	21	11	5
	Mar 2013	254	36	10	14	8	5
	Winter 2013	**1903**	**211**	**109**	**139**	**72**	**35**
	Apr 2013	359	35	14	21	12	5
	May 2013	403	49	31	48	23	7
	Jun 2013	453	75	20	31	22	9
	Jul 2013	523	36	34	42	23	10
	Aug 2013	471	36	38	45	23	8
	Sep 2013	303	35	35	42	21	7
	Summer 2013	**2209**	**231**	**138**	**187**	**103**	**39**

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2109 **Processed On: 10/13/2011 12:23:20PM**

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

October 2011 24-Month Study

Most Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions

Date	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Total KAF	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****CREDITABLE SPACE****										
Oct 2011	328	130	369	6729	7557	14400	21956	328	130	369	828	6729	14400	21956	3040	400	0	38.7
Nov 2011	396	169	377	6951	7894	13892	21786	396	169	377	942	6951	13892	21786	3810	614	0	38.8
Dec 2011	437	178	386	7480	8480	13364	21844	437	178	386	1001	7480	13364	21844	4580	447	0	38.9
Jan 2012	481	248	400	8022	9152	12621	21773	481	248	400	1130	8022	12621	21773	5350	697	0	38.8
								****EFFECTIVE SPACE****										
Jan 2012	481	248	400	8022	9152	12621	21773	63	239	284	586	8022	12621	21230	5350	697	0	38.8
Feb 2012	530	301	415	8414	9661	12315	21976	110	292	298	701	8414	12315	21430	1500	719	0	38.5
Mar 2012	574	337	422	8673	10005	12199	22204	152	329	304	785	8673	12199	21656	1500	1018	0	38.2
Apr 2012	675	340	392	8835	10242	12290	22532	252	333	271	856	8835	12290	21981	1500	1140	0	38.1
May 2012	733	307	339	8860	10240	12426	22666	308	302	199	809	8860	12426	22095	1500	983	0	39.2
Jun 2012	704	211	250	7982	9147	12441	21588	271	198	75	544	7982	12441	20968	1500	850	0	40.8
Jul 2012	533	39	255	6864	7691	12269	19960	85	7	29	121	6864	12269	19254	1500	890	0	40.9
								****CREDITABLE SPACE****										
Aug 2012	466	27	281	7000	7774	12059	19833	466	27	281	774	7000	12059	19833	1500	811	0	40.6
Sep 2012	494	85	333	7455	8368	11796	20163	494	85	333	912	7455	11796	20163	2270	668	0	40.2
Oct 2012	539	150	349	7721	8759	11663	20422	539	150	349	1038	7721	11663	20422	3040	398	0	40.1
Nov 2012	584	177	350	8006	9116	11245	20361	584	177	350	1111	8006	11245	20361	3810	633	0	40.0
Dec 2012	631	184	356	8062	9232	11303	20535	631	184	356	1171	8062	11303	20535	4580	555	0	40.0
Jan 2013	695	248	366	8324	9634	11041	20675	695	248	366	1309	8324	11041	20675	5350	709	0	39.7
								****EFFECTIVE SPACE****										
Jan 2013	695	248	366	8324	9634	11041	20675	397	248	213	858	8324	11041	20223	5350	709	0	39.7
Feb 2013	754	302	377	8607	10040	10937	20977	454	302	223	979	8607	10937	20523	1500	715	0	39.5
Mar 2013	799	332	377	8923	10431	10820	21251	497	332	222	1051	8923	10820	20794	1500	1053	0	39.1
Apr 2013	798	332	330	8966	10427	11229	21656	492	332	172	997	8966	11229	21192	1500	1142	0	38.9
May 2013	758	308	240	9071	10377	11509	21887	445	308	62	815	9071	11509	21396	1500	1031	0	39.9
Jun 2013	638	217	196	8263	9314	11619	20933	313	217	-16	514	8263	11619	20395	1500	958	0	41.4
Jul 2013	460	37	298	6970	7765	11597	19362	120	12	35	167	6970	11597	18735	1500	949	0	41.7
								****CREDITABLE SPACE****										
Aug 2013	359	27	318	6999	7702	11419	19122	359	27	318	703	6999	11419	19122	1500	859	0	41.3
Sep 2013	375	79	350	7442	8245	11219	19464	375	79	350	804	7442	11219	19464	2270	700	0	40.9

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2109 **Processed On: 10/13/2011 12:23:20PM**

November 24-Month Study
Date: November 10, 2011

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

Reservoir	October Inflow (unregulated) (acre-feet)	Percent of Average (%)	November 9 Midnight Elevation (feet)	Reservoir Storage (acre-feet)
Fontenelle	50,000	96	6495.56	266,000
Flaming Gorge	74,000	113	6032.27	3,437,000
Blue Mesa	36,000	100	7497.79	643,000
Navajo	54,000	123	6058.43	1,328,000
Powell	575,000	105	3649.48	17,151,000

Expected Operations

The operation of Lake Powell and Lake Mead in this November 2011 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines), and reflects the 2011 Annual Operating Plan (AOP) and draft 2012 AOP. Pursuant to the Interim Guidelines, the August 2011 24-Month Study projections of the January 1, 2012 system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2012.

Consistent with Section 6.A of the Interim Guidelines, the Lake Powell operational tier for water year 2012 is the Equalization Tier. The November 2011 24-Month Study projects the water year release volume from Lake Powell for 2012 to be 12.04 maf.

Consistent with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar years 2011 and 2012.

The Interim Guidelines are available for download at
http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The 2011 AOP is available for download at
http://www.usbr.gov/lc/region/g4000/aop/AOP11.pdf.

The draft 2012 AOP is available for download at http://www.usbr.gov/lc/region/g4000/AOP2012/AOP12_ProposedFinal.pdf.

Fontenelle Reservoir – Inflows for the month of October were 50 kaf, or 96% of average. The reservoir elevation is 6496 feet above sea level and 79% of capacity. Current inflows are approximately 850 cfs and reservoir releases are 1,200 cfs. Releases will likely be close to 1,200 cfs for the fall and winter months. The reservoir elevation will continue to decline through the fall and winter.

The Colorado Basin River Forecast Center has issued the water year 2012 (October 2011 to September 2012) forecast. At this early point, inflows over the next year are expected to be 1,140 kaf, or 92% of average. Inflows over the next three months are forecasted to be slightly above average: 47,000 acre-ft (107%), 40,000 acre-ft (121%) and 35,000 acre-ft (113%) for November, December, and January respectively.

The next Fontenelle Working Group meeting is scheduled for April 26, 2012 at 10:00 am at the Seedskadee National Wildlife Refuge visitor's center. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir.

Flaming Gorge Reservoir – Unregulated inflow into Flaming Gorge Reservoir during the month of October was 74,000 acre-feet (AF), or 113 percent of average inflow. Spring runoff has ended and the Yampa River and Green River above Flaming Gorge Reservoir are at base flows at an average daily release of 1,500 cfs/day. Monthly releases during December through February will likely vary across months. Flaming Gorge reservoir elevation is decreasing and expected to continue decreasing through the winter to meet the May 1 target elevation of 6027 feet.

The Colorado Basin River Forecast Center and Natural Resources Conservation Service have issued the joint water supply forecast for the next three months. The November forecast for November and December is 57 kaf (104 percent of average) and 50 kaf (128 percent of average), respectively.

Yampa River flows during the base flow period impact hourly release schedules because flows must remain within 0.1 meter stage change as measured at the USGS stream gage located on the Green River at Jensen, Utah. As the Yampa River flows decrease, the Flaming Gorge release schedule will change.

The next Flaming Gorge Working Group meeting is scheduled for April 18, 2012, at 1:00 p.m. at the Western Park Convention Center, 302 East 200 South, Vernal, Utah. The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stake holders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations and plans presented by Reclamation at these meetings. For more information on this group and these meetings please contact Heather Hermansen at 801-524-3883 or Ed Vidmar at 801-379-1182.

Aspinall Reservoirs – October unregulated inflow into Blue Mesa Reservoir was 36,000 acre-feet or 100 percent of average. Precipitation during October was observed to be about 145 percent of average. The current inflow rate into Blue Mesa Reservoir is about 500 cfs while reservoir releases are averaging about 500 cfs. Blue Mesa's present elevation is 7497.81 feet, which corresponds to a storage content of about 643,000 acre-feet. The unregulated reservoir inflow into Blue Mesa Reservoir during water year 2011 was 1,162,000 acre-feet, or about 123 percent of average.

Releases from Crystal are currently set at 600 cfs. The Gunnison Diversion Tunnel was shut down for the season on November 1st, with exception of some small 50 to 80 cfs diversions taken bi-weekly for municipal water needs in Montrose, Colorado. River flows below the tunnel are essentially the same as releases from the Dam, with the exception of when the tunnel is taking water to refill Fairfield Reservoir for Montrose municipal water needs.

On November 1, 2011, the National Weather Service's River Forecasting Center issued its forecasted inflow into Blue Mesa for the next 3 months. The unregulated inflow forecast for November, December, and January is for 96,000 acre-feet, which is 120% of average for these months.

The next meeting of the "Aspinall Unit Working Group" will be held on Thursday January 19th in the Montrose, Colorado, starting at 1:00 PM. At this meeting, review of last summer and fall reservoir operations, and plans for this winter and next spring 2012 operations will be discussed. These meetings are open forum discussions on the Aspinall Unit reservoir operations with many interested groups participating. Anyone needing further information about these meetings should contact Dan Crabtree in the Grand Junction Area Office at (970) 248-0652.

Navajo Reservoir - Reclamation decreased the release from Navajo Reservoir to 350 cubic feet per second (cfs) on November 1, 2011 at approximately 8am. This temporary, lower release was made in collaboration with New Mexico Department of Game & Fish's fish habitat project taking place just below the dam. The Department estimates the decreased release will be required for approximately 30 days.

The San Juan River Basin Recovery Implementation Program recommends a target base flow of between 500 cfs and 1,000 cfs through the critical habitat area. The target base flow is calculated as the weekly average of gaged flows throughout the critical habitat area, therefore daily flows of less than 500 cfs may occur at some gages.

Precipitation for the month of October in the San Juan River basin was about 165 percent of average. Unregulated inflow into Navajo Reservoir during the month of October was 54,000 acre-feet, or 123 percent of average. Currently, the daily reservoir inflow is averaging about 500 cfs. Diversions for NIIP have been shut down for the season. The

reservoir water surface elevation is at 6058.32 feet, which corresponds to a storage content of about 1,327,000 acre-feet.

The unregulated reservoir inflow into Navajo Reservoir during water year 2011 was recorded at 646,000 acre-feet, or about 64 percent of average. The reservoir had a seasonal peak elevation of 6068.67 feet on July 1, 2011. This year's spring peak operations happened over June 8th through June 14th when releases of 5,000 cfs were made. Release flows started to decrease on June 15th and reached 500 cfs on Friday, June 17th.

The next public meeting on Navajo Reservoir operations will be held on Tuesday, January 24, 2012 at 1:00 p.m. in Farmington, New Mexico. At this meeting, review of last summer and fall reservoir operations, and plans for this winter and spring 2012 operations will be discussed. These are open forum discussions on the operation of Navajo Reservoir with many interested groups participating. Anyone interested in the general operation of the reservoir is encouraged to attend. Please contact Ryan Christianson in Reclamation's Durango, Colorado Office at (970) 385-6590 for information about these meetings or the daily operation of Navajo Reservoir.

Glen Canyon Dam / Lake Powell – During October 2011 the unregulated inflow volume to Lake Powell was 575 kaf (105% of average). This was approximately 75 kaf below what was projected in the October 24-Month Study and resulted in the elevation of Lake Powell ending October about 1.26 feet below what was projected in the October 24-Month Study. The October 31th, 2011 elevation of Lake Powell was 3650.27 feet above sea level which corresponds to a live storage of approximately 17.25 maf and 70.9% of the full capacity of 24.32 maf.

For water year 2011, the observed unregulated inflow volume to Lake Powell was 16.77 maf (139% of average for the 1971-2000 historical period of record). The 2011 water year unregulated inflow volume was the 6th wettest out of 48 years since the closure of Glen Canyon Dam (1963). Water year unregulated inflow volumes of the magnitude observed in water year 2011 (or greater) would statistically be expected to occur in only about 12-14% of all years.

The 2011 water year release volume from Glen Canyon Dam was 12.52 maf and this was the largest water year release volume made from Glen Canyon Dam since water year 1998. During water year 2011, Lake Powell realized a net gain in elevation of 19.35 feet from September 30, 2010 to September 30, 2011and this translated to an increase in live storage in Lake Powell of 2.32 maf.

Current Dam Operations

Releases from Glen Canyon Dam for the 2011 steady flow experiment ended at midnight on October 31, 2011. Releases from Glen Canyon Dam are now being maximized within

unit availability to release Equalization water for 2011that was not released by September 30, 2011.

At the end of water year 2011 (September 30, 2011) the elevation of Lake Powell was 3653.01 feet above sea level and this was 10.01 feet above the Equalization level for water year 2011 (3643 feet) and translated to a volume of 1.233 maf that was in storage above the 2011 Equalization level. Releases from Glen Canyon Dam are being made at the full capacity of the powerplant to release this additional volume in order to achieve the 2011 Equalization objective. Once this additional volume has been released, releases from Glen Canyon Dam will be reduced from the full capacity of the powerplant. Current projections are that this objective will likely be completed by late December 2011.

While the release rate from Glen Canyon Dam over the next two months will likely be near steady, the instantaneous releases from Glen Canyon Dam may fluctuate somewhat to provide 40 MW of system regulation. These instantaneous release adjustments maintain stable conditions within the electrical generation and transmission system and result in momentary release fluctuations within a range of about 1100 cfs above or below the targeted hourly release rate. The momentary fluctuations for regulation are very short lived and typically balance out over the hour.

Spinning and non-spinning reserve generation may also be maintained at Glen Canyon Dam. In order for Colorado River Storage Project (CRSP) powerplants to participate in the electrical generation and transmissions system, these powerplants must maintain a level of generation capacity available in reserve to assist the local control area for when unanticipated generation outages occur. The current CRSP powerplant reserve requirement is 109 MW (equivalent to approximately 2,675 cfs of release from Glen Canyon Dam). When an electrical outage occurs within the control area, CRSP powerplants can be called upon to provide up to 109 MW of additional generation for up to 2 hours. Under normal circumstances, calls for reserves are infrequent and for much less than the required 109 MW. Because Glen Canyon Powerplant is the largest facility of the CRSP powerplants, typically most of the CRSP reserve requirement is maintained at Glen Canyon Dam but at times this reserve requirement is maintained at other plants within the CRSP system.

Current Inflow Forecasts and Model Projections

Over the next three months (November, December and January) the forecasted unregulated inflow to Lake Powell is projected to be above average with monthly percent of average forecasts of 110%, 115% and 111%, respectively. The hydrologic outlook forecast for water year 2012 has been revised in October and now projects that the most probable (median) unregulated inflow volume to be 11.6 maf (96% of average based on the period from 1971 through 2000). Based on this revised hydrologic outlook forecast, the November 24-Month Study projects the annual release volume for water year 2012 will likely be 12.05 maf. The November 24-Month Study also projects that the

end of water year reservoir elevation and storage for Lake Powell will likely be 3645.00 feet (55.00 feet from full pool) and 16.60 maf (68% of capacity), respectively.

Upper Colorado River Basin Hydrology

Since water year 2005, hydrologic conditions in the Upper Colorado River Basin have been slightly below average with significant variability from year to year. The unregulated inflow to Lake Powell, which is a good measure of the hydrologic condition in the Colorado River Basin, has averaged 11.15 maf per year during the period from 2005 through 2011. This is slightly below the official average of 12.04 maf per year. The hydrologic variability during this period has been from a low water year unregulated inflow of 8.40 maf (70% of average) in water year 2006 to a high of 16.77 maf (139% of average) which occurred in water year 2011.

Overall reservoir storage in the Colorado River Basin has increased by nearly 10 maf since the beginning of water year 2005 and this is a significant improvement over the drought conditions during water years 2000 through 2004. On October 1, 2004, the beginning of water year 2005, the total reservoir storage in the Colorado River Basin was 29.84 maf (50.2% of capacity). As of November 6, 2011, the total reservoir storage in the Colorado River Basin was 38.52 maf (64.8% of capacity).

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-430
125 SOUTH STATE STREET, ROOM 6107
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-3709

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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:	Obs			oct	Forecast		
:	jul	aug	sep	oct	%Avg	nov	dec	jan
GLDA3:Lake Powell	4330	859	532	575	105%:	600/	500/	450/
GBRW4:Fontenelle	539	118	49	50	96%:	47/	40/	35/
GRNU1:Flaming Gorge	772	144	58	74	113%:	57/	50/	45/
BMDC2:Blue Mesa	223	67	35	36	100%:	35/	32/	29/
MPSC2:Morrow Point	231	68	36	37	95%:	37/	34/	32/
CLSC2:Crystal	255	75	39	41	87%:	42/	40/	39/
TPIC2:Taylor Park	37	11.6	7.2	7.3	116%:	7/	6.3/	5.6/
VCRC2:Vallecito	23	9.6	7.6	14.8	108%:	7/	5/	4/
NVRN5:Navajo	40	3.2	15.0	54	123%:	30/	20/	21/
LEMC2:Lemon	4.0	2.1	1.76	2.8	97%:	1.3/	0.9/	0.7/
MPHC2:McPhee	23	14.9	11.0	8.0	86%:	6.5/	4.2/	3.7/

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

November 2011 24-Month Study

Most Probable Inflow*

Fontenelle Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Nov 2010	34	1	53	1	54	6490.17	229
H	Dec 2010	37	1	55	0	55	6487.27	210
I	Jan 2011	29	1	55	0	55	6482.87	183
S	Feb 2011	26	1	50	0	50	6478.35	158
T	Mar 2011	36	1	58	0	58	6473.74	136
O	Apr 2011	92	1	84	15	100	6471.99	128
R	May 2011	161	1	89	79	168	6470.20	120
I	Jun 2011	429	1	87	283	370	6481.96	178
C	Jul 2011	539	2	110	313	424	6498.87	290
A	Aug 2011	118	2	88	1	89	6502.38	317
L	Sep 2011	49	2	66	0	66	6499.90	298
	WY 2011	**1581**	**14**	**801**	**747**	**1549**		
*	Oct 2011	50	1	56	18	74	6496.55	273
	Nov 2011	47	1	71	0	71	6493.00	248
	Dec 2011	40	1	74	0	74	6487.81	214
	Jan 2012	35	1	74	0	74	6481.38	175
	Feb 2012	35	1	69	0	69	6474.66	140
	Mar 2012	52	0	74	0	74	6469.67	118
	Apr 2012	86	1	77	0	77	6471.54	126
	May 2012	180	1	100	17	117	6483.65	188
	Jun 2012	315	2	103	99	202	6499.89	298
	Jul 2012	168	3	101	19	120	6505.72	343
	Aug 2012	75	2	86	0	86	6504.04	330
	Sep 2012	54	2	71	0	71	6501.60	311
	WY 2012	**1137**	**15**	**955**	**154**	**1109**		
	Oct 2012	52	1	73	0	73	6498.63	289
	Nov 2012	43	1	71	0	71	6494.64	260
	Dec 2012	32	1	73	0	73	6488.40	218
	Jan 2013	30	1	73	0	73	6481.28	174
	Feb 2013	28	1	66	0	66	6473.60	135
	Mar 2013	52	0	73	0	73	6468.47	113
	Apr 2013	89	1	83	0	83	6469.78	118
	May 2013	176	1	99	5	105	6483.78	188
	Jun 2013	307	2	103	90	193	6500.15	300
	Jul 2013	185	3	101	38	138	6505.82	344
	Aug 2013	82	2	86	0	86	6505.05	338
	Sep 2013	48	2	71	0	71	6501.88	313
	WY 2013	**1126**	**15**	**975**	**133**	**1108**		
	Oct 2013	49	1	74	0	74	6498.39	287

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

November 2011 24-Month Study

Most Probable Inflow*

Flaming Gorge Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	Nov 2010	31	52	4	63	0	63	125	6023.83	3117	107
H	Dec 2010	45	64	2	68	0	68	125	6023.67	3111	114
I	Jan 2011	44	70	2	68	0	68	125	6023.69	3112	525
S	Feb 2011	36	60	2	67	0	67	125	6023.47	3104	489
T	Mar 2011	98	120	3	59	0	59	127	6024.99	3160	181
O	Apr 2011	159	166	5	172	0	172	127	6024.71	3150	472
R	May 2011	327	334	8	279	47	326	127	6024.73	3150	1108
I	Jun 2011	667	608	10	254	173	427	133	6029.11	3315	1570
C	Jul 2011	771	656	14	263	94	357	144	6036.07	3590	908
A	Aug 2011	144	115	13	148	0	148	142	6034.95	3544	243
L	Sep 2011	58	76	11	144	0	144	139	6033.03	3467	200
	WY 2011	**2414**	**2381**	**80**	**1661**	**314**	**1975**				**6029**
*	Oct 2011	74	97	7	120	0	121	138	6032.27	3437	187
	Nov 2011	57	81	4	89	0	89	138	6031.99	3426	89
	Dec 2011	50	84	2	92	0	92	137	6031.74	3417	92
	Jan 2012	45	84	2	92	0	92	137	6031.49	3407	92
	Feb 2012	45	79	2	86	0	86	137	6031.25	3398	86
	Mar 2012	75	97	3	187	0	187	133	6028.93	3308	187
	Apr 2012	117	108	5	184	0	184	130	6026.87	3230	184
	May 2012	240	177	8	218	0	218	128	6025.61	3183	218
	Jun 2012	380	267	10	181	0	181	131	6027.56	3256	181
	Jul 2012	183	135	13	97	0	97	132	6028.19	3280	97
	Aug 2012	84	95	13	97	0	97	131	6027.82	3266	97
	Sep 2012	62	79	11	94	0	94	130	6027.17	3241	94
	WY 2012	**1412**	**1383**	**80**	**1538**	**0**	**1539**				**1605**
	Oct 2012	61	83	7	97	0	97	130	6026.62	3221	97
	Nov 2012	51	79	3	94	0	94	129	6026.17	3204	94
	Dec 2012	36	77	2	97	0	97	128	6025.62	3183	97
	Jan 2013	41	84	2	97	0	97	127	6025.25	3169	97
	Feb 2013	46	84	2	87	0	87	127	6025.11	3164	87
	Mar 2013	104	126	3	97	0	97	128	6025.78	3189	97
	Apr 2013	142	136	5	94	0	94	130	6026.75	3225	94
	May 2013	265	193	8	144	0	144	131	6027.80	3265	144
	Jun 2013	399	285	10	193	0	193	134	6029.84	3343	193
	Jul 2013	218	171	14	98	0	98	137	6031.31	3400	98
	Aug 2013	96	100	13	98	0	98	136	6031.04	3389	98
	Sep 2013	58	81	11	95	0	95	135	6030.41	3365	95
	WY 2013	**1518**	**1501**	**80**	**1292**	**0**	**1292**				**1292**
	Oct 2013	59	84	7	97	0	97	135	6029.91	3346	97

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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Most Probable Inflow*

Taylor Park Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Nov 2010	5	5	9312.27	74
H	Dec 2010	5	5	9312.71	74
I	Jan 2011	5	5	9312.70	74
S	Feb 2011	4	4	9312.51	74
T	Mar 2011	5	6	9311.89	73
O	Apr 2011	7	8	9311.44	72
R	May 2011	22	33	9304.21	61
I	Jun 2011	65	28	9326.09	98
C	Jul 2011	37	39	9325.07	96
A	Aug 2011	12	24	9318.44	84
L	Sep 2011	7	20	9310.68	71
	WY 2011	**179**	**181**		
*	Oct 2011	7	9	9309.52	69
	Nov 2011	7	6	9310.15	70
	Dec 2011	6	6	9310.34	70
	Jan 2012	6	6	9310.09	70
	Feb 2012	5	6	9309.27	69
	Mar 2012	5	6	9308.56	68
	Apr 2012	9	12	9306.67	65
	May 2012	27	20	9311.15	72
	Jun 2012	42	24	9321.52	90
	Jul 2012	18	24	9317.94	83
	Aug 2012	9	22	9310.15	70
	Sep 2012	7	16	9304.39	61
	WY 2012	**147**	**157**		
	Oct 2012	6	10	9301.80	58
	Nov 2012	5	6	9301.05	57
	Dec 2012	4	6	9299.94	55
	Jan 2013	4	6	9298.60	53
	Feb 2013	4	6	9297.06	51
	Mar 2013	4	6	9295.69	50
	Apr 2013	8	8	9295.95	50
	May 2013	27	14	9305.53	63
	Jun 2013	43	20	9319.43	86
	Jul 2013	20	20	9319.66	86
	Aug 2013	10	20	9313.94	76
	Sep 2013	7	16	9308.35	67
	WY 2013	**144**	**138**		
	Oct 2013	6	10	9305.84	63

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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November 2011 24-Month Study

Most Probable Inflow*

Blue Mesa Reservoir

	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Nov 2010	27	27	0	24	0	24	7486.60	555
H	Dec 2010	30	29	0	27	0	27	7486.84	557
I	Jan 2011	23	23	0	27	0	27	7486.34	553
S	Feb 2011	21	21	0	43	0	43	7483.46	532
T	Mar 2011	38	39	0	75	0	75	7478.48	495
O	Apr 2011	77	78	1	95	0	95	7475.97	477
R	May 2011	168	179	1	162	0	162	7478.26	493
I	Jun 2011	425	389	1	127	19	146	7508.73	735
C	Jul 2011	222	222	2	150	0	150	7516.80	806
A	Aug 2011	67	79	1	123	0	123	7511.67	760
L	Sep 2011	35	48	1	108	0	108	7504.54	699
	WY 2011	**1162**	**1163**	**8**	**1046**	**19**	**1065**		
*	Oct 2011	36	38	1	93	0	93	7497.84	644
	Nov 2011	35	34	0	38	0	38	7497.36	640
	Dec 2011	32	32	0	90	0	90	7490.00	581
	Jan 2012	29	29	0	72	0	72	7484.40	539
	Feb 2012	25	26	0	62	0	62	7479.54	503
	Mar 2012	34	35	0	38	0	38	7479.08	499
	Apr 2012	78	81	1	47	0	47	7483.60	533
	May 2012	206	199	1	112	0	112	7494.71	619
	Jun 2012	255	237	1	64	0	64	7515.02	790
	Jul 2012	105	112	2	98	0	98	7516.40	802
	Aug 2012	52	65	1	122	0	122	7509.83	744
	Sep 2012	43	52	1	116	0	116	7502.16	679
	WY 2012	**930**	**940**	**9**	**951**	**0**	**951**		
	Oct 2012	40	44	1	70	0	70	7498.90	652
	Nov 2012	32	33	0	40	0	40	7498.07	646
	Dec 2012	25	27	0	91	0	91	7490.00	581
	Jan 2013	24	26	0	79	0	79	7482.99	528
	Feb 2013	22	24	0	54	0	54	7478.87	498
	Mar 2013	34	36	0	36	0	36	7478.80	497
	Apr 2013	73	73	1	48	0	48	7482.08	521
	May 2013	212	199	1	107	0	107	7493.90	612
	Jun 2013	271	248	1	66	0	66	7515.33	793
	Jul 2013	121	120	2	109	0	109	7516.40	802
	Aug 2013	62	72	1	122	0	122	7510.58	751
	Sep 2013	36	45	1	113	0	113	7502.52	682
	WY 2013	**953**	**947**	**9**	**935**	**0**	**935**		
	Oct 2013	36	39	1	70	0	70	7498.75	651

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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Most Probable Inflow*

Morrow Point Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Nov 2010	29	24	1	25	26	0	26	7152.79	111
H	Dec 2010	30	27	0	28	27	0	27	7153.98	112
I	Jan 2011	23	27	0	27	27	0	27	7153.70	112
S	Feb 2011	21	43	0	43	44	0	44	7152.08	111
T	Mar 2011	38	75	1	75	73	0	73	7154.37	113
O	Apr 2011	84	95	7	102	104	0	104	7152.20	111
R	May 2011	191	162	23	185	181	0	181	7156.18	114
I	Jun 2011	455	146	30	176	170	0	176	7155.72	114
C	Jul 2011	231	150	9	159	159	0	159	7155.22	113
A	Aug 2011	68	123	1	125	124	0	124	7155.77	114
L	Sep 2011	36	108	1	109	115	0	115	7148.00	108
	WY 2011	**1236**	**1065**	**74**	**1139**	**1133**	**0**	**1139**		
*	Oct 2011	37	93	1	94	91	0	91	7151.08	110
	Nov 2011	37	38	2	40	38	0	38	7153.73	112
	Dec 2011	34	90	2	92	92	0	92	7153.73	112
	Jan 2012	32	72	3	75	75	0	75	7153.73	112
	Feb 2012	27	62	2	64	64	0	64	7153.73	112
	Mar 2012	37	38	3	41	41	0	41	7153.73	112
	Apr 2012	90	47	12	59	59	0	59	7153.73	112
	May 2012	230	112	24	136	136	0	136	7153.73	112
	Jun 2012	275	64	20	84	84	0	84	7153.73	112
	Jul 2012	112	98	7	105	105	0	105	7153.73	112
	Aug 2012	56	122	4	126	126	0	126	7153.73	112
	Sep 2012	46	116	3	119	119	0	119	7153.73	112
	WY 2012	**1013**	**951**	**83**	**1034**	**1030**	**0**	**1030**		
	Oct 2012	43	70	3	73	73	0	73	7153.73	112
	Nov 2012	35	40	2	42	42	0	42	7153.73	112
	Dec 2012	27	91	2	93	93	0	93	7153.73	112
	Jan 2013	26	79	2	81	81	0	81	7153.73	112
	Feb 2013	25	54	3	57	57	0	57	7153.73	112
	Mar 2013	38	36	4	40	40	0	40	7153.73	112
	Apr 2013	84	48	11	59	59	0	59	7153.73	112
	May 2013	237	107	25	132	132	0	132	7153.73	112
	Jun 2013	292	66	21	87	87	0	87	7153.73	112
	Jul 2013	127	109	7	116	116	0	116	7153.73	112
	Aug 2013	65	122	4	126	126	0	126	7153.73	112
	Sep 2013	39	113	3	116	116	0	116	7153.73	112
	WY 2013	**1039**	**935**	**86**	**1022**	**1022**	**0**	**1022**		
	Oct 2013	38	70	3	73	73	0	73	7153.73	112

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Managing Water in the West

November 2011 24-Month Study

Most Probable Inflow*

Crystal Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
*	Nov 2010	32	26	4	30	30	0	30	6748.60	16	1	29
H	Dec 2010	34	27	4	31	31	0	31	6748.24	16	1	30
I	Jan 2011	27	27	4	31	30	1	31	6749.02	16	1	30
S	Feb 2011	24	44	3	47	24	23	46	6751.55	17	1	47
T	Mar 2011	43	73	5	78	78	0	78	6751.94	17	5	76
O	Apr 2011	92	104	8	112	110	2	112	6752.03	17	38	79
R	May 2011	204	181	13	195	126	68	194	6753.39	17	63	137
I	Jun 2011	516	176	61	237	120	81	237	6752.90	17	62	183
C	Jul 2011	255	159	23	182	128	58	186	6739.47	13	62	136
A	Aug 2011	75	124	7	131	126	2	129	6748.39	16	66	70
L	Sep 2011	39	115	4	119	120	0	120	6744.21	14	64	62
	WY 2011	**1375**	**1139**	**139**	**1278**	**1008**	**235**	**1279**			**413**	**912**
*	Oct 2011	41	91	4	96	94	0	94	6749.65	16	53	44
	Nov 2011	42	38	5	43	42	0	42	6753.04	17	0	42
	Dec 2011	40	92	6	98	98	0	98	6753.04	17	0	98
	Jan 2012	39	75	7	82	82	0	82	6753.04	17	0	82
	Feb 2012	32	64	5	69	69	0	69	6753.04	17	0	69
	Mar 2012	43	41	6	47	47	0	47	6753.04	17	5	42
	Apr 2012	103	59	13	72	72	0	72	6753.04	17	30	42
	May 2012	260	136	30	166	134	32	166	6753.04	17	55	111
	Jun 2012	305	84	30	114	114	0	114	6753.04	17	60	54
	Jul 2012	129	105	17	122	122	0	122	6753.04	17	65	57
	Aug 2012	64	126	8	134	134	0	134	6753.04	17	65	69
	Sep 2012	52	119	6	125	125	0	125	6753.04	17	55	70
	WY 2012	**1150**	**1030**	**137**	**1167**	**1132**	**32**	**1164**			**388**	**779**
	Oct 2012	49	73	6	79	79	0	79	6753.04	17	30	49
	Nov 2012	40	42	5	47	47	0	47	6753.04	17	0	47
	Dec 2012	32	93	5	98	98	0	98	6753.04	17	0	98
	Jan 2013	31	81	5	86	86	0	86	6753.04	17	0	86
	Feb 2013	29	57	4	61	61	0	61	6753.04	17	0	61
	Mar 2013	46	40	7	47	47	0	47	6753.04	17	5	42
	Apr 2013	96	59	12	71	71	0	71	6753.04	17	30	41
	May 2013	272	132	35	167	134	33	167	6753.04	17	55	112
	Jun 2013	330	87	38	125	125	0	125	6753.04	17	60	65
	Jul 2013	144	116	17	133	133	0	133	6753.04	17	65	68
	Aug 2013	74	126	8	134	134	0	134	6753.04	17	65	69
	Sep 2013	45	116	6	122	122	0	122	6753.04	17	55	67
	WY 2013	**1189**	**1022**	**150**	**1172**	**1138**	**33**	**1172**			**365**	**807**
	Oct 2013	44	73	6	79	79	0	79	6753.04	17	30	49

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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Managing Water in the West

November 2011 24-Month Study

Most Probable Inflow*

Vallecito Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Nov 2010	7	2	7639.20	63
H	Dec 2010	6	2	7641.20	67
I	Jan 2011	5	2	7642.53	70
S	Feb 2011	4	2	7643.62	72
T	Mar 2011	7	2	7645.67	77
O	Apr 2011	22	4	7653.10	95
R	May 2011	44	27	7659.70	111
I	Jun 2011	79	64	7664.94	125
C	Jul 2011	23	39	7658.78	109
A	Aug 2011	10	37	7647.29	81
L	Sep 2011	8	29	7637.58	59
	WY 2011	**226**	**222**		
*	Oct 2011	15	9	7640.42	65
	Nov 2011	7	2	7642.72	70
	Dec 2011	5	2	7644.06	73
	Jan 2012	4	2	7644.96	75
	Feb 2012	3	2	7645.68	77
	Mar 2012	6	3	7646.86	80
	Apr 2012	20	3	7653.69	96
	May 2012	64	40	7662.64	119
	Jun 2012	75	69	7664.61	124
	Jul 2012	26	42	7658.52	108
	Aug 2012	17	38	7649.99	87
	Sep 2012	14	30	7643.28	71
	WY 2012	**256**	**241**		
	Oct 2012	12	17	7640.92	66
	Nov 2012	8	3	7643.00	71
	Dec 2012	6	3	7644.16	73
	Jan 2013	5	3	7644.95	75
	Feb 2013	5	3	7645.68	77
	Mar 2013	8	3	7647.75	82
	Apr 2013	22	3	7655.43	100
	May 2013	69	51	7662.49	119
	Jun 2013	78	71	7664.80	125
	Jul 2013	31	42	7660.57	114
	Aug 2013	19	38	7653.09	95
	Sep 2013	17	30	7647.80	82
	WY 2013	**280**	**267**		
	Oct 2013	14	17	7646.22	78

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November 2011 24-Month Study

Most Probable Inflow*

Navajo Reservoir

	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azetea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Farmington Flow (1000 Ac-Ft)
*	Nov 2010	17	0	12	1	1	29	6062.08	1374	46
H	Dec 2010	23	0	19	1	1	30	6061.11	1362	42
I	Jan 2011	16	0	13	1	1	31	6059.58	1342	50
S	Feb 2011	18	0	15	1	1	28	6058.41	1328	45
T	Mar 2011	41	2	35	2	4	31	6058.28	1326	46
O	Apr 2011	115	14	84	2	19	31	6060.75	1357	44
R	May 2011	172	22	134	4	28	32	6066.13	1428	79
I	Jun 2011	252	43	193	4	42	113	6068.65	1462	295
C	Jul 2011	40	8	46	5	48	31	6065.88	1424	98
A	Aug 2011	3	2	29	4	47	46	6060.64	1356	47
L	Sep 2011	15	2	35	3	20	40	6058.35	1327	
	WY 2011	**737**	**93**	**641**	**28**	**220**	**478**			**838**
*	Oct 2011	54	4	44	2	10	33	6058.32	1327	55
	Nov 2011	30	1	24	1	0	21	6058.51	1329	21
	Dec 2011	20	0	17	1	0	31	6057.35	1314	31
	Jan 2012	21	0	19	1	0	31	6056.34	1302	31
	Feb 2012	25	0	23	1	0	29	6055.83	1296	29
	Mar 2012	71	3	65	2	2	31	6058.35	1327	31
	Apr 2012	136	17	103	2	17	30	6062.56	1381	30
	May 2012	260	46	190	4	31	57	6069.89	1479	57
	Jun 2012	230	32	193	5	46	146	6069.61	1475	146
	Jul 2012	54	7	63	5	51	34	6067.69	1449	34
	Aug 2012	29	2	48	4	43	53	6063.81	1397	53
	Sep 2012	32	0	47	3	24	36	6062.58	1381	36
	WY 2012	**962**	**111**	**836**	**28**	**224**	**529**			**551**
	Oct 2012	34	1	37	2	6	31	6062.49	1380	31
	Nov 2012	30	1	25	1	0	30	6062.05	1374	30
	Dec 2012	24	0	21	1	0	31	6061.25	1364	31
	Jan 2013	22	0	20	1	0	31	6060.37	1352	31
	Feb 2013	30	0	29	1	0	28	6060.38	1353	28
	Mar 2013	88	3	81	2	2	31	6063.97	1399	31
	Apr 2013	174	15	140	3	17	30	6070.67	1490	30
	May 2013	279	37	222	4	31	114	6075.80	1563	114
	Jun 2013	246	31	208	5	46	259	6068.57	1461	259
	Jul 2013	74	6	79	5	51	44	6067.08	1441	44
	Aug 2013	43	2	60	4	43	45	6064.67	1408	45
	Sep 2013	42	0	54	3	24	38	6063.82	1397	38
	WY 2013	**1087**	**96**	**977**	**29**	**220**	**711**			**711**
	Oct 2013	40	1	42	2	6	31	6064.12	1401	31

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

November 2011 24-Month Study

Most Probable Inflow*

Lake Powell

	Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry (1000 Ac-Ft)
*	Nov 2010	438	474	39	810	0	810	3630.31	18029	14888	826
H	Dec 2010	416	446	30	847	0	847	3626.54	18017	14469	865
I	Jan 2011	381	429	9	997	0	997	3620.55	18086	13822	1015
S	Feb 2011	317	377	10	964	0	964	3614.95	18076	13235	984
T	Mar 2011	579	581	16	1033	0	1033	3610.73	18039	12804	1055
O	Apr 2011	977	937	25	940	0	940	3611.93	17890	12926	965
R	May 2011	2178	2205	30	1171	0	1171	3623.13	17722	14098	1207
I	Jun 2011	5408	4866	54	1377	0	1377	3648.98	18166	17089	1419
C	Jul 2011	4328	3756	74	1483	0	1483	3660.86	18849	18605	1532
A	Aug 2011	858	974	74	1479	0	1479	3655.34	18986	17890	1530
L	Sep 2011	532	744	67	922	0	922	3653.01	19037	17593	957
	WY 2011	**16774**	**16301**	**467**	**12518**	**0**	**12518**				**12856**
*	Oct 2011	574	692	45	956	0	956	3650.27	19071	17249	984
	Nov 2011	600	623	43	1100	0	1100	3646.37	19033	16768	1100
	Dec 2011	500	611	33	1225	0	1225	3641.40	18985	16169	1225
	Jan 2012	450	550	10	1000	0	1000	3637.78	18951	15743	1000
	Feb 2012	450	532	11	800	0	800	3635.56	18930	15485	800
	Mar 2012	675	755	19	800	0	800	3635.05	18925	15426	800
	Apr 2012	1050	1014	29	962	0	962	3635.23	18927	15447	962
	May 2012	2250	2009	36	1000	0	1000	3642.90	18999	16348	1000
	Jun 2012	2750	2353	58	1100	0	1100	3651.91	19088	17454	1100
	Jul 2012	1150	1093	71	1170	0	1170	3650.82	19077	17318	1170
	Aug 2012	525	677	70	1093	0	1093	3647.18	19041	16868	1093
	Sep 2012	475	608	63	833	0	833	3645.00	19019	16601	833
	WY 2012	**11449**	**11517**	**489**	**12039**	**0**	**12039**				**12067**
	Oct 2012	525	595	43	861	0	861	3642.62	18996	16315	861
	Nov 2012	529	579	41	600	0	600	3642.14	18992	16257	600
	Dec 2012	414	547	33	800	0	800	3639.91	18971	15993	800
	Jan 2013	384	504	10	800	0	800	3637.49	18948	15709	800
	Feb 2013	398	469	11	800	0	800	3634.75	18923	15392	800
	Mar 2013	628	570	18	600	0	600	3634.36	18919	15347	600
	Apr 2013	950	764	29	850	0	850	3633.43	18911	15241	850
	May 2013	2161	1840	35	950	0	950	3640.24	18974	16032	950
	Jun 2013	2811	2491	57	1043	0	1043	3650.83	19077	17320	1043
	Jul 2013	1346	1240	71	1200	0	1200	3650.61	19075	17291	1200
	Aug 2013	566	676	70	1050	0	1050	3647.29	19042	16880	1050
	Sep 2013	460	594	63	700	0	700	3646.00	19029	16723	700
	WY 2013	**11172**	**10869**	**482**	**10254**	**0**	**10254**				**10254**
	Oct 2013	514	584	44	600	0	600	3645.55	19025	16668	600

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

November 2011 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Glen Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Nov 2010	810	13	42	800	13.4	18	795	646	1081.94	9936
H	Dec 2010	847	248	37	660	10.7	9	630	670	1086.30	10301
I	Jan 2011	997	74	31	540	8.8	8	526	700	1091.73	10765
S	Feb 2011	964	84	29	635	11.4	9	616	723	1095.78	11117
T	Mar 2011	1033	77	33	1006	16.4	15	1002	726	1096.39	11170
O	Apr 2011	940	140	40	1078	18.1	20	1066	722	1095.76	11115
R	May 2011	1171	104	47	1001	16.3	25	997	735	1097.90	11304
I	Jun 2011	1377	72	57	939	15.8	25	938	761	1102.38	11705
C	Jul 2011	1483	74	73	1001	16.3	26	1000	789	1107.07	12133
A	Aug 2011	1479	96	80	831	13.5	28	829	827	1113.45	12730
L	Sep 2011	922	94	67	670	11.3	17	668	844	1116.04	12977
	WY 2011	**12518**	**1156**	**578**	**9799**		**224**	**9676**			
*	Oct 2011	956	65	49	443	7.2	18	436	875	1121.00	13456
	Nov 2011	1100	48	50	608	10.2	23	608	903	1125.44	13895
	Dec 2011	1225	99	45	460	7.5	18	460	952	1132.86	14647
	Jan 2012	1000	76	37	728	11.8	16	728	970	1135.53	14924
	Feb 2012	800	92	34	683	11.9	14	683	980	1136.98	15074
	Mar 2012	800	80	39	1014	16.5	20	1014	968	1135.24	14893
	Apr 2012	962	60	48	1104	18.6	16	1104	959	1133.91	14755
	May 2012	1000	49	55	1005	16.3	27	1005	957	1133.57	14720
	Jun 2012	1100	23	66	922	15.5	22	922	964	1134.59	14825
	Jul 2012	1170	50	83	905	14.7	24	905	976	1136.47	15021
	Aug 2012	1093	109	89	810	13.2	26	810	993	1138.94	15280
	Sep 2012	833	70	74	633	10.6	18	633	1004	1140.52	15447
	WY 2012	**12039**	**820**	**670**	**9315**		**243**	**9308**			
	Oct 2012	861	59	55	388	6.3	22	388	1032	1144.51	15875
	Nov 2012	600	48	55	655	11.0	21	655	1027	1143.78	15796
	Dec 2012	800	99	48	522	8.5	17	522	1046	1146.48	16090
	Jan 2013	800	76	40	709	11.5	16	709	1053	1147.43	16194
	Feb 2013	800	92	36	715	12.9	15	715	1060	1148.50	16312
	Mar 2013	600	80	41	1053	17.1	21	1053	1034	1144.78	15904
	Apr 2013	850	60	50	1142	19.2	17	1142	1016	1142.18	15624
	May 2013	950	49	57	1031	16.8	27	1031	1008	1141.16	15515
	Jun 2013	1043	23	68	958	16.1	23	958	1009	1141.31	15531
	Jul 2013	1200	50	86	949	15.4	25	949	1021	1142.98	15710
	Aug 2013	1050	109	92	859	14.0	27	859	1032	1144.55	15880
	Sep 2013	700	70	76	700	11.8	19	700	1031	1144.33	15856
	WY 2013	**10254**	**815**	**702**	**9680**		**251**	**9680**			
	Oct 2013	600	59	55	531	8.6	23	531	1034	1144.76	15903

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

November 2011 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Nov 2010	800	-29	10	631	0	631	10.6	638.09	1567
H	Dec 2010	660	-15	9	553	0	553	9.0	641.21	1650
I	Jan 2011	540	-7	10	502	0	502	8.2	641.95	1670
S	Feb 2011	635	-10	10	586	0	586	10.5	643.01	1699
T	Mar 2011	1006	-11	13	976	0	976	15.9	643.23	1705
O	Apr 2011	1078	-13	17	1047	0	1047	17.6	643.30	1707
R	May 2011	1001	-10	22	949	0	949	15.4	644.04	1727
I	Jun 2011	939	-9	25	954	0	954	16.0	642.27	1679
C	Jul 2011	1001	-10	25	943	0	943	15.3	643.11	1702
A	Aug 2011	831	-6	23	822	0	822	13.4	642.38	1682
L	Sep 2011	670	-6	18	717	0	717	12.1	639.73	1610
	WY 2011	**9799**	**-120**	**198**	**9446**	**0**	**9446**			
*	Oct 2011	443	7	15	611	0	611	9.9	633.03	1435
	Nov 2011	608	-10	10	511	0	511	8.6	636.00	1512
	Dec 2011	460	-13	9	367	0	367	6.0	638.70	1583
	Jan 2012	728	-17	10	619	0	619	10.1	641.80	1666
	Feb 2012	683	-6	10	668	0	668	11.6	641.80	1666
	Mar 2012	1014	-15	13	952	0	952	15.5	643.05	1700
	Apr 2012	1104	-15	17	1074	0	1074	18.0	643.00	1699
	May 2012	1005	-10	22	972	0	972	15.8	643.00	1699
	Jun 2012	922	-6	25	918	0	918	15.4	642.00	1671
	Jul 2012	905	1	25	894	0	894	14.5	641.50	1658
	Aug 2012	810	-5	23	782	0	782	12.7	641.50	1658
	Sep 2012	633	1	18	709	0	709	11.9	638.00	1564
	WY 2012	**9315**	**-87**	**197**	**9077**	**0**	**9077**			
	Oct 2012	388	3	14	569	0	569	9.3	630.49	1371
	Nov 2012	655	-10	10	521	0	521	8.8	635.00	1486
	Dec 2012	522	-13	9	402	0	402	6.5	638.71	1583
	Jan 2013	709	-17	10	600	0	600	9.8	641.80	1666
	Feb 2013	715	-6	10	700	0	700	12.6	641.80	1666
	Mar 2013	1053	-15	13	991	0	991	16.1	643.05	1700
	Apr 2013	1142	-15	17	1111	0	1111	18.7	643.00	1699
	May 2013	1031	-10	22	998	0	998	16.2	643.00	1699
	Jun 2013	958	-6	25	954	0	954	16.0	642.00	1671
	Jul 2013	949	1	25	938	0	938	15.3	641.50	1658
	Aug 2013	859	-5	23	831	0	831	13.5	641.50	1658
	Sep 2013	700	1	18	777	0	777	13.1	638.00	1564
	WY 2013	**9680**	**-91**	**196**	**9392**	**0**	**9392**			
	Oct 2013	531	3	15	649	0	649	10.6	633.00	1434

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

November 2011 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	Nov 2010	631	38	9	428	7.2	98	159	447.59	572	114	1.9
H	Dec 2010	553	33	7	290	4.7	93	183	448.10	582	147	2.4
I	Jan 2011	502	8	6	391	6.4	52	89	446.40	550	141	2.3
S	Feb 2011	586	15	8	415	7.5	23	135	447.29	567	173	3.1
T	Mar 2011	976	6	9	694	11.3	71	181	448.06	581	199	3.2
O	Apr 2011	1047	18	11	786	13.2	71	180	448.54	590	204	3.4
R	May 2011	949	17	13	691	11.2	83	167	448.68	593	115	1.9
I	Jun 2011	954	14	15	708	11.9	96	155	447.73	575	120	2.0
C	Jul 2011	943	34	17	762	12.4	100	77	448.22	584	127	2.1
A	Aug 2011	822	25	17	669	10.9	91	60	448.13	583	97	1.6
L	Sep 2011	717	31	15	538	9.0	83	102	448.28	585	91	1.5
	WY 2011	**9446**	**263**	**140**	**6837**		**964**	**1652**			**1634**	
*	Oct 2011	611	32	12	472	7.7	8	149	447.97	579	63	1.0
	Nov 2011	511	26	9	347	5.8	6	177	447.50	571	90	1.5
	Dec 2011	367	21	7	254	4.1	14	121	446.80	557	92	1.5
	Jan 2012	619	15	6	356	5.8	85	178	447.00	561	128	2.1
	Feb 2012	668	6	8	455	7.9	77	129	447.00	561	156	2.7
	Mar 2012	952	22	9	694	11.3	85	178	447.00	561	195	3.2
	Apr 2012	1074	18	11	786	13.2	83	171	448.70	593	192	3.2
	May 2012	972	13	13	698	11.3	86	178	448.70	593	111	1.8
	Jun 2012	918	9	16	681	11.4	83	137	448.70	593	120	2.0
	Jul 2012	894	15	17	742	12.1	85	65	448.00	580	126	2.0
	Aug 2012	782	18	17	630	10.2	85	65	447.50	571	95	1.5
	Sep 2012	709	15	15	548	9.2	61	103	446.81	557	89	1.5
	WY 2012	**9077**	**211**	**140**	**6664**		**756**	**1651**			**1458**	
	Oct 2012	569	20	12	440	7.2	24	115	446.31	548	63	1.0
	Nov 2012	521	26	8	383	6.4	24	122	446.50	552	109	1.8
	Dec 2012	402	21	6	281	4.6	24	106	446.50	552	115	1.9
	Jan 2013	600	15	6	356	5.8	106	141	446.50	552	122	2.0
	Feb 2013	700	6	8	462	8.3	96	135	446.50	552	153	2.8
	Mar 2013	991	22	9	708	11.5	106	178	446.70	555	208	3.4
	Apr 2013	1111	18	11	796	13.4	103	172	448.70	593	200	3.4
	May 2013	998	13	13	703	11.4	106	178	448.70	593	111	1.8
	Jun 2013	954	9	16	676	11.4	103	155	448.70	593	112	1.9
	Jul 2013	938	15	17	731	11.9	106	98	448.00	580	118	1.9
	Aug 2013	831	18	17	626	10.2	106	97	447.50	571	92	1.5
	Sep 2013	777	15	15	531	8.9	103	147	446.81	557	89	1.5
	WY 2013	**9392**	**199**	**139**	**6695**		**1007**	**1646**			**1494**	
	Oct 2013	649	20	12	443	7.2	106	110	446.31	548	72	1.2

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

November 2011 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Nov 2010	800	13.4	1081.94	9936	-35	437.87	1185.0	305.1	74	381.4
H	Dec 2010	660	10.7	1086.30	10301	365	439.05	1388.0	246.5	87	373.5
I	Jan 2011	540	8.8	1091.73	10765	463	446.84	1103.0	200.9	69	372.4
S	Feb 2011	635	11.4	1095.78	11117	353	447.78	1414.0	244.7	88	385.7
T	Mar 2011	1006	16.4	1096.39	11170	54	449.79	1232.0	398.2	75	395.8
O	Apr 2011	1078	18.1	1095.76	11115	-55	449.53	1157.0	430.9	70	399.6
R	May 2011	1001	16.3	1097.90	11304	189	452.71	1468.0	394.5	88	393.9
I	Jun 2011	939	15.8	1102.38	11705	401	457.87	1661.0	372.1	100	396.2
C	Jul 2011	1001	16.3	1107.07	12133	429	462.21	1698.0	403.2	100	402.6
A	Aug 2011	831	13.5	1113.45	12730	597	469.04	1721.0	338.8	100	407.7
L	Sep 2011	670	11.3	1116.04	12977	247	473.88	1757.0	272.0	100	406.1
	WY 2011	**9799**							**3848.4**		
*	Oct 2011		7.2	1121.00	13456	479	478.70	1311.0	178.9	74	
	Nov 2011	608	10.2	1125.44	13895	439	479.25	1110.0	259.9	61	427.7
	Dec 2011	460	7.5	1132.86	14647	752	481.07	1550.0	192.3	82	417.7
	Jan 2012	728	11.8	1135.53	14924	277	486.46	1175.0	318.1	61	436.9
	Feb 2012	683	11.9	1136.98	15074	151	487.40	1196.0	298.7	62	437.4
	Mar 2012	1014	16.5	1135.24	14893	-181	485.41	1438.0	443.1	75	436.8
	Apr 2012	1104	18.6	1133.91	14755	-137	482.81	1551.0	486.1	81	440.2
	May 2012	1005	16.3	1133.57	14720	-35	482.02	1546.0	433.1	81	431.0
	Jun 2012	922	15.5	1134.59	14825	105	480.57	1920.0	395.7	100	429.0
	Jul 2012	905	14.7	1136.47	15021	196	482.50	1932.0	386.5	100	427.2
	Aug 2012	810	13.2	1138.94	15280	259	484.83	1946.0	350.1	100	432.4
	Sep 2012	633	10.6	1140.52	15447	167	488.00	1953.0	266.4	100	421.1
	WY 2012	**8872**							**4008.8**		
	Oct 2012	388	6.3	1144.51	15875	428	493.88	1802.0	159.9	91	412.1
	Nov 2012	655	11.0	1143.78	15796	-79	499.44	1539.0	285.5	78	435.7
	Dec 2012	522	8.5	1146.48	16090	294	497.72	1551.0	227.8	78	436.8
	Jan 2013	709	11.5	1147.43	16194	104	497.28	1561.0	310.0	78	437.3
	Feb 2013	715	12.9	1148.50	16312	118	498.52	1343.0	321.0	67	448.9
	Mar 2013	1053	17.1	1144.78	15904	-408	495.92	1482.0	471.4	75	447.6
	Apr 2013	1142	19.2	1142.18	15624	-280	491.70	1600.6	513.0	81	449.4
	May 2013	1031	16.8	1141.16	15515	-109	489.91	1600.6	452.4	81	438.9
	Jun 2013	958	16.1	1141.31	15531	16	487.70	1976.0	410.3	100	428.4
	Jul 2013	949	15.4	1142.98	15710	179	489.09	1976.0	412.9	100	435.1
	Aug 2013	859	14.0	1144.55	15880	170	490.88	1976.0	377.8	100	440.0
	Sep 2013	700	11.8	1144.33	15856	-24	492.70	1976.0	301.9	100	431.2
	WY 2013	**9680**							**4244.0**		
	Oct 2013	531	8.6	1144.76	15903	47	495.94	1798.2	223.6	91	420.7

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2112

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

November 2011 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Nov 2010	631	10.6	638.09	1567	130	137.83	153.0	77.2	60	122.5
H	Dec 2010	553	9.0	641.21	1650	84	141.87	168.3	67.8	66	122.6
I	Jan 2011	502	8.2	641.95	1670	20	140.42	153.0	63.3	60	125.9
S	Feb 2011	586	10.5	643.01	1699	29	139.78	181.1	73.6	71	125.6
T	Mar 2011	976	15.9	643.23	1705	6	138.82	204.0	123.0	80	126.0
O	Apr 2011	1047	17.6	643.30	1707	2	141.68	227.0	131.6	89	125.7
R	May 2011	949	15.4	644.04	1727	20	142.61	255.0	120.3	100	126.8
I	Jun 2011	954	16.0	642.27	1679	-48	140.41	249.9	120.6	98	126.4
C	Jul 2011	943	15.3	643.11	1702	23	143.18	255.0	119.3	100	126.5
A	Aug 2011	822	13.4	642.38	1682	-20	140.95	255.0	103.5	100	125.9
L	Sep 2011	717	12.1	639.73	1610	-72	137.99	255.0	90.2	100	125.8
	WY 2011	**9446**							**1182.3**		
*	Oct 2011	611	9.9	633.03	1435	-175	133.41	181.1	74.4	71	121.8
	Nov 2011	511	8.6	636.00	1512	76	129.27	183.6	61.3	72	119.9
	Dec 2011	367	6.0	638.70	1583	71	132.41	178.5	45.3	70	123.5
	Jan 2012	619	10.1	641.80	1666	83	135.70	170.9	77.0	67	124.5
	Feb 2012	668	11.6	641.80	1666	0	137.51	163.2	83.7	64	125.3
	Mar 2012	952	15.5	643.05	1700	34	135.78	242.3	118.6	95	124.6
	Apr 2012	1074	18.0	643.00	1699	-2	136.07	255.0	133.6	100	124.4
	May 2012	972	15.8	643.00	1699	0	136.04	255.0	121.6	100	125.0
	Jun 2012	918	15.4	642.00	1671	-27	135.51	255.0	114.5	100	124.7
	Jul 2012	894	14.5	641.50	1658	-14	134.73	255.0	111.1	100	124.3
	Aug 2012	782	12.7	641.50	1658	0	134.46	255.0	97.5	100	124.7
	Sep 2012	709	11.9	638.00	1564	-94	132.62	255.0	87.5	100	123.4
	WY 2012	**9077**							**1126.1**		
	Oct 2012	569	9.3	630.49	1371	-193	127.85	219.3	68.0	86	119.4
	Nov 2012	521	8.8	635.00	1486	115	125.53	244.8	61.6	96	118.2
	Dec 2012	402	6.5	638.71	1583	97	130.29	229.5	49.4	90	122.8
	Jan 2013	600	9.8	641.80	1666	83	134.09	221.9	74.7	87	124.6
	Feb 2013	700	12.6	641.80	1666	0	136.08	209.1	87.5	82	125.0
	Mar 2013	991	16.1	643.05	1700	34	135.86	239.7	123.3	94	124.4
	Apr 2013	1111	18.7	643.00	1699	-2	136.07	255.0	138.1	100	124.2
	May 2013	998	16.2	643.00	1699	0	136.04	255.0	124.7	100	124.9
	Jun 2013	954	16.0	642.00	1671	-27	135.51	255.0	118.8	100	124.5
	Jul 2013	938	15.3	641.50	1658	-14	134.73	255.0	116.4	100	124.1
	Aug 2013	831	13.5	641.50	1658	0	134.46	255.0	103.4	100	124.4
	Sep 2013	777	13.1	638.00	1564	-94	132.62	255.0	95.5	100	123.0
	WY 2013	**9392**							**1161.2**		
	Oct 2013	649	10.6	633.00	1434	-130	129.17	219.3	77.9	86	120.0

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2112

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

November 2011 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Nov 2010	428	7.2	447.59	572	-30	79.41	91.2	30.4	76	71.1
H	Dec 2010	290	4.7	448.10	582	10	82.60	104.4	19.7	87	67.9
I	Jan 2011	391	6.4	446.40	550	-32	80.10	97.2	26.8	81	68.6
S	Feb 2011	415	7.5	447.29	567	17	76.83	90.0	29.3	75	70.7
T	Mar 2011	694	11.3	448.06	581	15	80.18	112.8	47.4	94	68.4
O	Apr 2011	786	13.2	448.54	590	9	82.13	120.0	54.4	100	69.1
R	May 2011	691	11.2	448.68	593	3	80.58	120.0	47.9	100	69.3
I	Jun 2011	708	11.9	447.73	575	-18	81.68	114.0	49.9	95	70.4
C	Jul 2011	762	12.4	448.22	584	9	81.72	116.4	51.6	97	67.7
A	Aug 2011	669	10.9	448.13	583	-2	82.04	120.0	46.1	100	68.9
L	Sep 2011	538	9.0	448.28	585	3	82.16	120.0	39.4	100	73.2
	WY 2011	**6837**							**474.2**		
*	Oct 2011	472	7.7	447.97	579	-6	81.92	92.4	31.5	77	66.8
	Nov 2011	347	5.8	447.50	571	-9	76.52	90.0	22.6	75	65.1
	Dec 2011	254	4.1	446.80	557	-13	77.45	64.8	16.4	54	64.3
	Jan 2012	356	5.8	447.00	561	4	77.54	60.0	23.7	50	66.4
	Feb 2012	455	7.9	447.00	561	0	76.41	79.2	30.2	66	66.3
	Mar 2012	694	11.3	447.00	561	0	75.81	90.0	46.2	75	66.6
	Apr 2012	786	13.2	448.70	593	32	75.23	120.0	52.0	100	66.1
	May 2012	698	11.3	448.70	593	0	76.05	120.0	46.4	100	66.5
	Jun 2012	681	11.4	448.70	593	0	76.05	120.0	45.3	100	66.5
	Jul 2012	742	12.1	448.00	580	-13	75.71	120.0	49.2	100	66.3
	Aug 2012	630	10.2	447.50	571	-10	75.13	120.0	41.3	100	65.6
	Sep 2012	548	9.2	446.81	557	-13	74.55	120.0	35.6	100	64.9
	WY 2012	**6664**							**440.3**		
	Oct 2012	440	7.2	446.31	548	-9	74.77	102.0	28.4	85	64.6
	Nov 2012	383	6.4	446.50	552	3	74.62	102.0	24.6	85	64.1
	Dec 2012	281	4.6	446.50	552	0	74.71	102.0	17.7	85	62.8
	Jan 2013	356	5.8	446.50	552	0	74.71	102.0	22.7	85	63.8
	Feb 2013	462	8.3	446.50	552	0	73.92	120.0	29.7	100	64.2
	Mar 2013	708	11.5	446.70	555	4	74.01	120.0	46.0	100	64.9
	Apr 2013	796	13.4	448.70	593	38	75.08	120.0	52.6	100	66.0
	May 2013	703	11.4	448.70	593	0	76.05	120.0	46.8	100	66.5
	Jun 2013	676	11.4	448.70	593	0	76.05	120.0	45.0	100	66.5
	Jul 2013	731	11.9	448.00	580	-13	75.71	120.0	48.5	100	66.3
	Aug 2013	626	10.2	447.50	571	-10	75.13	120.0	41.0	100	65.5
	Sep 2013	531	8.9	446.81	557	-13	74.55	120.0	34.4	100	64.8
	WY 2013	**6695**							**437.3**		
	Oct 2013	443	7.2	446.31	548	-9	74.77	102.0	28.6	85	64.6

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

November 2011 24-Month Study

Most Probable Inflow*

Upper Basin Power

	Date	Glen Canyon 1000 MWHR	Flaming Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Reservoir 1000 MWHR	Fontenelle Reservoir 1000 MWHR
*	Nov 2010	369	24	7	9	4	4
H	Dec 2010	382	26	8	9	4	4
I	Jan 2011	445	26	8	9	4	4
S	Feb 2011	425	26	12	15	4	3
T	Mar 2011	453	23	21	26	15	4
	Winter 2011	**2299**	**156**	**79**	**97**	**48**	**19**
O	Apr 2011	415	65	26	37	21	5
R	May 2011	520	105	44	66	23	5
I	Jun 2011	634	98	36	61	23	5
C	Jul 2011	708					
A	Aug 2011	706	60	39	44	22	8
L	Sep 2011	442	58	34	41	22	6
	Summer 2011	**3425**	**386**	**179**	**248**	**111**	**30**
*	Oct 2011	446	48	28	33	18	5
	Nov 2011	477	33	11	13	7	6
	Dec 2011	527	34	27	33	17	6
	Jan 2012	427	34	21	27	14	6
	Feb 2012	339	32	18	23	12	5
	Mar 2012	339	69	11	15	8	5
	Winter 2012	**2555**	**249**	**116**	**144**	**76**	**33**
	Apr 2012	407	67	14	21	12	5
	May 2012	426	80	33	49	23	7
	Jun 2012	476	66	20	30	20	9
	Jul 2012	510	35	31	38	21	10
	Aug 2012	474	35	38	45	23	8
	Sep 2012	360	34	36	43	22	7
	Summer 2012	**2654**	**318**	**171**	**227**	**121**	**46**
	Oct 2012	370	35	21	26	14	7
	Nov 2012	257	34	12	15	8	6
	Dec 2012	342	35	27	33	17	6
	Jan 2013	341	35	23	29	15	6
	Feb 2013	339	32	16	21	11	5
	Mar 2013	254	35	10	14	8	5
	Winter 2013	**1903**	**207**	**109**	**139**	**72**	**35**
	Apr 2013	359	34	14	21	12	5
	May 2013	403	53	31	48	23	7
	Jun 2013	450	71	20	31	22	9
	Jul 2013	523	36	34	42	23	10
	Aug 2013	456	36	38	45	23	8
	Sep 2013	303	35	35	42	21	7
	Summer 2013	**2190**	**230**	**138**	**187**	**103**	**39**
	Oct 2013	259	36	21	26	14	7

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

November 2011 24-Month Study

Most Probable Inflow*

Flood Control Critera

Beginning of Month Conditions

Date	Flaming George KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Total KAF	Flaming George KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****CREDITABLE SPACE****										
Nov 2011	383	186	369	7073	8011	13921	21932	383	186	369	938	7073	13921	21932	3810	608	0	38.6
Dec 2011	419	190	367	7554	8529	13482	22012	419	190	367	976	7554	13482	22012	4580	460	0	38.7
Jan 2012	463	248	382	8153	9246	12730	21976	463	248	382	1093	8153	12730	21976	5350	728	0	38.5
								****EFFECTIVE SPACE****										
Jan 2012	463	248	382	8153	9246	12730	21976	39	239	299	577	8153	12730	21461	5350	728	0	38.5
Feb 2012	513	291	394	8579	9777	12453	22230	86	282	311	679	8579	12453	21712	1500	683	0	38.3
Mar 2012	556	327	400	8837	10121	12303	22424	127	319	316	763	8837	12303	21904	1500	1014	0	38.0
Apr 2012	668	330	369	8896	10264	12484	22748	239	323	282	845	8896	12484	22225	1500	1104	0	38.0
May 2012	738	297	315	8875	10226	12622	22848	307	292	209	808	8875	12622	22305	1500	1005	0	39.0
Jun 2012	724	211	217	7974	9126	12657	21783	285	198	76	559	7974	12657	21191	1500	922	0	40.6
Jul 2012	540	39	221	6868	7668	12552	20220	86	7	29	123	6868	12552	19542	1500	905	0	40.7
								****CREDITABLE SPACE****										
Aug 2012	471	27	247	7004	7750	12356	20105	471	27	247	745	7004	12356	20105	1500	810	0	40.3
Sep 2012	498	85	299	7454	8337	12097	20433	498	85	299	882	7454	12097	20433	2270	633	0	40.0
Oct 2012	542	150	315	7721	8728	11930	20658	542	150	315	1007	7721	11930	20658	3040	388	0	39.8
Nov 2012	585	177	316	8007	9086	11502	20588	585	177	316	1078	8007	11502	20588	3810	655	0	39.8
Dec 2012	631	184	322	8065	9201	11581	20782	631	184	322	1136	8065	11581	20782	4580	522	0	39.7
Jan 2013	693	248	332	8329	9603	11287	20889	693	248	332	1273	8329	11287	20889	5350	709	0	39.5
								****EFFECTIVE SPACE****										
Jan 2013	693	248	332	8329	9603	11287	20889	404	248	242	894	8329	11287	20510	5350	709	0	39.5
Feb 2013	751	302	344	8613	10009	11183	21191	460	302	253	1014	8613	11183	20810	1500	715	0	39.3
Mar 2013	795	332	343	8930	10400	11065	21465	501	332	252	1085	8930	11065	21080	1500	1053	0	38.9
Apr 2013	792	332	297	8975	10397	11473	21870	494	332	202	1028	8975	11473	21477	1500	1142	0	38.7
May 2013	750	308	206	9081	10346	11753	22099	446	308	92	846	9081	11753	21680	1500	1031	0	39.7
Jun 2013	640	217	133	8290	9281	11862	21143	325	217	-16	526	8290	11862	20678	1500	958	0	41.2
Jul 2013	451	37	235	7002	7725	11846	19572	120	12	35	167	7002	11846	19015	1500	949	0	41.4
								****CREDITABLE SPACE****										
Aug 2013	350	27	255	7031	7663	11667	19330	350	27	255	632	7031	11667	19330	1500	859	0	41.1
Sep 2013	367	79	288	7442	8175	11497	19672	367	79	288	733	7442	11497	19672	2270	700	0	40.7
Oct 2013	416	147	299	7599	8461	11521	19982	416	147	299	862	7599	11521	19982	3040	531	0	40.4

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2112

Processed On: 11/9/2011 5:09:34PM

December 24-Month Study
Date: December 7, 2011

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

Reservoir	November Inflow (unregulated) (acre-feet)	Percent of Average (%)	December 6 Midnight Elevation (feet)	Reservoir Storage (acre-feet)
Fontenelle	46,000	106	6491.74	240,000
Flaming Gorge	64,000	114	6032.07	3,430,000
Blue Mesa	29,000	92	7495.45	624,000
Navajo	30,000	86	6058.18	1,325,000
Powell	570,000	105	3644.56	16,548,000

Expected Operations

The operation of Lake Powell and Lake Mead in this December 2011 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines), and reflects the 2011 Annual Operating Plan (AOP) and draft 2012 AOP. Pursuant to the Interim Guidelines, the August 2011 24-Month Study projections of the January 1, 2012 system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2012.

Consistent with Section 6.A of the Interim Guidelines, the Lake Powell operational tier for water year 2012 is the Equalization Tier. The December 2011 24-Month Study projects the water year release volume from Lake Powell for 2012 to be 11.91 maf.

Consistent with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar years 2011 and 2012.

The Interim Guidelines are available for download at
http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The 2011 AOP is available for download at
http://www.usbr.gov/lc/region/g4000/aop/AOP11.pdf.

The draft 2012 AOP is available for download at http://www.usbr.gov/lc/region/g4000/AOP2012/AOP12_ProposedFinal.pdf.

Fontenelle Reservoir – Inflows for the month of November were 46 kaf, or 107% of average. The reservoir elevation is 6492 feet above sea level and 69% of capacity. Current inflows are approximately 600 cfs and reservoir releases are 1,200 cfs. Releases will likely be close to 1,200 cfs through the remainder of the winter and the reservoir elevation will continue to decline until spring runoff begins.

The Colorado Basin River Forecast Center has issued the water year 2012 (October 2011 to September 2012) forecast. At this early point, inflows over the next year are expected to be 1,140 kaf, or 92% of average. Inflows over the next three months are forecasted to be above average: 40,000 acre-ft (121%) 35,000 acre-ft (113%) for November, 34,000 acre-ft (117%) for December, January, and February respectively.

The next Fontenelle Working Group meeting is scheduled for April 26, 2012 at 10:00 am at the Seedskadee National Wildlife Refuge visitor's center. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir.

Flaming Gorge Reservoir – Unregulated inflow into Flaming Gorge Reservoir during the month of November was 64,000 acre-feet (AF), or 114 percent of average inflow. The Flaming Gorge Reservoir is releasing at an average daily release rate of 1,500 cfs/day and will begin increasing at a rate of 50 cfs/day on December 15, 2011 to reach 2,400 cfs/day on January 1, 2011. Releases are expected to remain at 2,400 cfs/day through spring. Flaming Gorge reservoir elevation is decreasing and expected to continue decreasing through the winter to meet the May 1 target elevation of 6027 feet.

The Colorado Basin River Forecast Center and Natural Resources Conservation Service have issued the joint water supply forecast for the next three months. The December forecast for December and January is 50 kaf (126 percent of average) and 45 kaf (100 percent of average), respectively.

The next Flaming Gorge Working Group meeting is scheduled for April 18, 2012, at 1:00 p.m. at the Western Park Convention Center, 302 East 200 South, Vernal, Utah. The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stake holders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations and plans presented by Reclamation at these meetings. For more information on this group and these meetings please contact Heather Hermansen at 801-524-3883 or Ed Vidmar at 801-379-1182.

Aspinall Reservoirs – November unregulated inflow into Blue Mesa Reservoir was 29,000 acre-feet or 92 percent of average. Precipitation during November was observed to be about 115 percent of average. The current inflow rate into Blue Mesa Reservoir is about 350 cfs while reservoir releases are averaging about 1500 cfs. Blue Mesa's present elevation is 7495.45 feet, which corresponds to a storage content of about 624,000 acre-

feet. The unregulated reservoir inflow into Blue Mesa Reservoir during water year 2011 was 1,162,000 acre-feet, or about 123 percent of average.

Releases from Crystal Dam are steady at about 1,500 cfs. This release rate is expected to stay at this level for the couple of months. The Gunnison Diversion Tunnel was shut down for the season on October 31st, with exception of some small 50 to 80 cfs diversions taken bi-weekly for municipal water needs in Montrose, Colorado. River flows below the tunnel are essentially the same as releases from the Dam, with the exception of when the tunnel is taking water to refill Fairfield Reservoir for Montrose municipal water needs.

On December 1, 2011, the National Weather Service's River Forecasting Center issued its forecasted inflow into Blue Mesa for the next 3 months. The unregulated inflow forecast for December, January, and February is for 83,000 acre-feet, which is 117% of average for these months.

The next meeting of the "Aspinall Unit Working Group" will be held on Thursday January 19th in the Montrose, Colorado, starting at 1:00 PM. At this meeting, review of last summer and fall reservoir operations, and plans for this winter and next spring 2012 operations will be discussed. These meetings are open forum discussions on the Aspinall Unit reservoir operations with many interested groups participating. Anyone needing further information about these meetings should contact Dan Crabtree in the Grand Junction Area Office at (970) 248-0652.

Navajo Reservoir - Reclamation increased the release from Navajo Reservoir to 500 cubic feet per second (cfs) on December 1, 2011 at approximately 4 am. The New Mexico Department of Game & Fish has finished the November work on the trout habitat improvements below the dam.

The San Juan River Basin Recovery Implementation Program recommends a target base flow of between 500 cfs and 1,000 cfs through the critical habitat area. The target base flow is calculated as the weekly average of gaged flows throughout the critical habitat area, therefore daily flows of less than 500 cfs may occur at some gages.

Precipitation for the month of November in the San Juan River basin was about 75 percent of average. Unregulated inflow into Navajo Reservoir during the month of November was 30,000 acre-feet, or 88 percent of average. Currently, the daily reservoir inflow is averaging about 300 cfs. Diversions for NIIP have been shut down for the season. The reservoir water surface elevation is at 6058.18 feet, which corresponds to a storage content of about 1,324,000 acre-feet.

The unregulated reservoir inflow into Navajo Reservoir during water year 2011 was recorded at 646,000 acre-feet, or about 64 percent of average. The reservoir had a seasonal peak elevation of 6068.67 feet on July 1, 2011. This year's spring peak operations happened over June 8th through June 14th when releases of 5,000 cfs were

made. Release flows started to decrease on June 15th and reached 500 cfs on Friday, June 17th.

The next public meeting on Navajo Reservoir operations will be held on Tuesday, January 24, 2012 at 1:00 p.m. in Farmington, New Mexico. At this meeting, review of last summer and fall reservoir operations, and plans for this winter and spring 2012 operations will be discussed. These are open forum discussions on the operation of Navajo Reservoir with many interested groups participating. Anyone interested in the general operation of the reservoir is encouraged to attend. Please contact Ryan Christianson in Reclamation's Durango, Colorado Office at (970) 385-6590 for information about these meetings or the daily operation of Navajo Reservoir.

Glen Canyon Dam / Lake Powell – During November 2011the unregulated inflow volume to Lake Powell was 570 kaf (108% of average). This was very close to the forecast volume issued by the Colorado Basin River Forecast Center on November 1, 2011. The forecast volume was 600 kaf (110% of average). Releases from Glen Canyon Dam during November were 1099 kaf and the elevation of Lake Powell decreased by 4.59 ending November at an elevation of 3645.69 feet above sea level. Releases from Glen Canyon Dam are currently averaging approximately 20,300 cfs and are near steady. This release rate is likely to continue to near the end of December and then will likely be reduced to a daily average release of approximately 16,300 cfs with daily fluctuations for power generation.

Current Dam Operations

Releases from Glen Canyon Dam for the Steady Flow Experiment (see Experimental Releases from Glen Canyon Dam, Arizona 2008 through 2012, Final Environmental Assessment and Finding of No Significant Impact) ended at midnight on October 31, 2011. The steady flow target for 2011 was 15,500 cfs which was the maximum sustainable release rate from Glen Canyon Dam during September and October. Since then, releases from Glen Canyon Dam have been maximized at powerplant capacity which varies depending on unit efficiency and availability. Current releases are approximately 20,300 cfs.

Since March 2011, releases from Glen Canyon Dam have been maximized through the powerplant in order to achieve the Equalization objectives of the Interim Guidelines. The Equalization objective for water year 2011 was to release sufficient volume from Glen Canyon Dam during the water year such that the elevation of Lake Powell would be 3643 feet above sea level on September 30, 2011.

Inflows to Lake Powell during the spring and summer of 2011 were well above average and the 7 months of maximum powerplant capacity releases from Glen Canyon Dam were not sufficient to achieve an elevation of 3643 feet on September 30, 2011. The elevation of Lake Powell on September 30, 2011 was 3653.01 feet above sea level and this translates to a volume of 1.233 maf that was in storage in Lake Powell on September

30, 2011 that would have otherwise been released for Equalization during water year 2011 if the powerplant had the capacity to make these higher releases.

Releases through the powerplant during the first 3 months of water year 2012 (October, November and December, 2011) have continued at powerplant capacity in order to make up for the Equalization releases that were not made in water year 2011 due to the limitations of the powerplant. It is currently projected that the additional release volume will be completed by the end of December 2011 at which time releases from Glen Canyon Dam will be reduced. It is estimated that this release reduction will likely occur on or about December 28, 2011.

The instantaneous release rate from Glen Canyon Dam may fluctuate somewhat to provide 40 MW of system regulation. These instantaneous release adjustments maintain stable conditions within the electrical generation and transmission system and result in momentary release fluctuations within a range of about 1100 cfs above or below the targeted hourly release rate. The momentary fluctuations for regulation are very short lived and typically balance out over the hour.

Spinning and non-spinning reserve generation may also be maintained at Glen Canyon Dam. In order for Colorado River Storage Project (CRSP) powerplants to participate in the electrical generation and transmissions system, these powerplants must maintain a level of generation capacity available in reserve to assist the local control area for when unanticipated generation outages occur. The current CRSP powerplant reserve requirement is 109 MW (equivalent to approximately 2,675 cfs of release from Glen Canyon Dam). When an electrical outage occurs within the control area, CRSP powerplants can be called upon to provide up to 109 MW of additional generation for up to 2 hours. Under normal circumstances, calls for reserves are infrequent and for much less than the required 109 MW. Because Glen Canyon Powerplant is the largest facility of the CRSP powerplants, typically most of the CRSP reserve requirement is maintained at Glen Canyon Dam but at times this reserve requirement is maintained at other plants within the CRSP system.

Current Inflow Forecasts and Model Projections

Over the next three months (December, January and February) the forecasted unregulated inflow to Lake Powell is projected to be above average with monthly percent of average forecasts of 115%, 111% and 107%, respectively. Base on these updated forecast values and the Hydrologic Outlook for water year 2012 (provided in October, 2011) the current projection for the most probable unregulated inflow volume to Lake Powell for water year 2012 is 11.4 maf (95% of average). At this time of year, there is a high level of uncertainty associated with this projection. Based on this projection, the December 2011 24-Month Study projects the water year 2012 most probable release volume will be 11.9 maf under the Equalization Tier of the Interim Guidelines. The December 2011 24-Month Study also projects the elevation condition for Lake Powell and Lake Mead at the end of water year 2012 to be 3645.0 feet and 1139.4 feet, respectively.

Upper Colorado River Basin Hydrology

Since water year 2005, hydrologic conditions in the Upper Colorado River Basin have been slightly below average with significant variability from year to year. The unregulated inflow to Lake Powell, which is a good measure of the hydrologic condition in the Colorado River Basin, has averaged 11.15 maf per year during the period from 2005 through 2011. This is slightly below the official average of 12.04 maf per year. The hydrologic variability during this period has been from a low water year unregulated inflow of 8.40 maf (70% of average) in water year 2006 to a high of over 16.77 maf (139% of average) which occurred in water year 2011.

Overall reservoir storage in the Colorado River Basin has increased by nearly 10 maf since the beginning of water year 2005 and this is a significant improvement over the drought conditions during water years 2000 through 2004. On October 1, 2004, the beginning of water year 2005, the total reservoir storage in the Colorado River Basin was 29.84 maf (50.2% of capacity). As of December 6, 2011, the total reservoir storage in the Colorado River Basin was 38.41 maf (64.6% of capacity).

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-430
125 SOUTH STATE STREET, ROOM 6107
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-3709

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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:	Obs			nov	Forecast		
:	aug	sep	oct	nov	%Avg	dec	jan	feb
GLDA3:Lake Powell	859	532	575	570	105%:	500/	450/	450/
GBRW4:Fontenelle	118	49	50	46	107%:	40/	35/	34/
GRNU1:Flaming Gorge	144	58	74	64	114%:	50/	45/	45/
BMDC2:Blue Mesa	67	35	36	29	94%:	30/	28/	25/
MPSC2:Morrow Point	68	36	37	30	88%:	32/	30/	27/
CLSC2:Crystal	75	39	41	34	85%:	36/	34/	30/
TPIC2:Taylor Park	11.6	7.2	7.3	5.2	106%:	6/	5.3/	4.7/
VCRC2:Vallecito	9.6	7.6	14.8	8.6	101%:	5.2/	4.2/	3.8/
NVRN5:Navajo	3.2	15.0	54	30	86%:	20/	20/	26/
LEMC2:Lemon	2.1	1.76	2.8	1.49	88%:	0.95/	0.75/	0.65/
MPHC2:McPhee	14.9	11.0	8.0	4.8e	72%:	4/	3.7/	4.4/

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

December 2011 24-Month Study

Most Probable Inflow*

Fontenelle Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Dec 2010	37	1	55	0	55	6487.27	210
H	Jan 2011	29	1	55	0	55	6482.87	183
I	Feb 2011	26	1	50	0	50	6478.35	158
S	Mar 2011	36	1	58	0	58	6473.74	136
T	Apr 2011	92	1	84	15	100	6471.99	128
O	May 2011	161	1	89	79	168	6470.20	120
R	Jun 2011	429	1	87	283	370	6481.96	178
I	Jul 2011	539	2	110	313	424	6498.87	290
C	Aug 2011	118	2	88	1	89	6502.38	317
A	Sep 2011	49	2	66	0	66	6499.90	298
	WY 2011	**1581**	**14**	**801**	**747**	**1549**		
L	Oct 2011	50	1	56	18	74	6496.55	273
*	Nov 2011	46	1	22	49	71	6492.84	247
	Dec 2011	40	1	74	0	74	6487.64	213
	Jan 2012	35	1	74	0	74	6481.17	173
	Feb 2012	34	1	69	0	69	6474.20	138
	Mar 2012	52	0	74	0	74	6469.17	116
	Apr 2012	86	1	77	0	77	6471.06	124
	May 2012	180	1	99	18	117	6483.29	186
	Jun 2012	315	2	103	99	202	6499.61	296
	Jul 2012	168	3	101	19	120	6505.46	341
	Aug 2012	75	2	86	0	86	6503.78	328
	Sep 2012	54	2	71	0	71	6501.33	309
	WY 2012	**1135**	**15**	**906**	**203**	**1109**		
	Oct 2012	52	1	73	0	73	6498.35	287
	Nov 2012	43	1	71	0	71	6494.35	258
	Dec 2012	32	1	73	0	73	6488.09	216
	Jan 2013	30	1	73	0	73	6480.91	172
	Feb 2013	28	1	66	0	66	6473.15	133
	Mar 2013	52	0	73	0	73	6467.97	111
	Apr 2013	89	1	83	0	83	6469.29	116
	May 2013	176	1	99	6	105	6483.44	186
	Jun 2013	307	2	103	90	193	6499.88	298
	Jul 2013	185	3	101	38	138	6505.57	342
	Aug 2013	82	2	86	0	86	6504.80	336
	Sep 2013	48	2	71	0	71	6501.63	311
	WY 2013	**1126**	**15**	**975**	**134**	**1108**		
	Oct 2013	49	1	74	0	74	6498.12	285
	Nov 2013	41	1	71	0	71	6493.84	254

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2113

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

December 2011 24-Month Study

Most Probable Inflow*

Flaming Gorge Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	Dec 2010	45	64	2	68	0	68	125	6023.67	3111	114
H	Jan 2011	44	70	2	68	0	68	125	6023.69	3112	525
I	Feb 2011	36	60	2	67	0	67	125	6023.47	3104	489
S	Mar 2011	98	120	3	59	0	59	127	6024.99	3160	181
T	Apr 2011	159	166	5	172	0	172	127	6024.71	3150	472
O	May 2011	327	334	8	279	47	326	127	6024.73	3150	1108
R	Jun 2011	667	608	10	254	173	427	133	6029.11	3315	1570
I	Jul 2011	771	656	14	263	94	357	144	6036.07	3590	908
C	Aug 2011	144	115	13	148	0	148	142	6034.95	3544	243
A	Sep 2011	58	76	11	144	0	144	139	6033.03	3467	200
	WY 2011	**2414**	**2381**	**80**	**1661**	**314**	**1975**				**6029**
L	Oct 2011	74	97	7	120	0	121	138	6032.27	3437	187
*	Nov 2011	64	89	4	88	0	88	138	6032.21	3435	145
	Dec 2011	50	84	2	107	0	107	137	6031.59	3411	107
	Jan 2012	45	84	2	148	0	148	135	6029.96	3348	148
	Feb 2012	45	80	2	138	0	138	132	6028.45	3290	138
	Mar 2012	75	97	3	148	0	148	130	6027.09	3238	148
	Apr 2012	117	108	5	113	0	113	130	6026.84	3229	113
	May 2012	240	177	8	168	0	168	130	6026.86	3229	168
	Jun 2012	380	267	10	183	0	183	133	6028.74	3301	183
	Jul 2012	183	135	14	101	0	101	133	6029.24	3320	101
	Aug 2012	84	95	13	101	0	101	133	6028.76	3302	101
	Sep 2012	62	79	11	98	0	98	132	6028.00	3273	98
	WY 2012	**1418**	**1392**	**80**	**1514**	**1**	**1515**				**1638**
	Oct 2012	61	83	7	101	0	101	131	6027.34	3247	101
	Nov 2012	51	79	3	98	0	98	130	6026.77	3226	98
	Dec 2012	36	77	2	101	0	101	129	6026.10	3201	101
	Jan 2013	41	84	2	101	0	101	128	6025.62	3183	101
	Feb 2013	46	84	2	92	0	92	128	6025.37	3174	92
	Mar 2013	104	126	3	101	0	101	128	6025.92	3194	101
	Apr 2013	142	136	5	98	0	98	130	6026.78	3226	98
	May 2013	265	193	8	148	0	148	131	6027.75	3263	148
	Jun 2013	399	285	10	193	0	193	134	6029.78	3341	193
	Jul 2013	218	171	14	98	0	98	137	6031.26	3398	98
	Aug 2013	96	100	13	98	0	98	136	6030.98	3387	98
	Sep 2013	58	81	11	95	0	95	135	6030.36	3363	95
	WY 2013	**1518**	**1501**	**80**	**1327**	**0**	**1327**				**1327**
	Oct 2013	59	84	7	98	0	98	134	6029.82	3342	98
	Nov 2013	50	80	3	95	0	95	134	6029.36	3324	95

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2113

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

December 2011 24-Month Study

Most Probable Inflow*

Taylor Park Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Dec 2010	5	5	9312.71	74
H	Jan 2011	5	5	9312.70	74
I	Feb 2011	4	4	9312.51	74
S	Mar 2011	5	6	9311.89	73
T	Apr 2011	7	8	9311.44	72
O	May 2011	22	33	9304.21	61
R	Jun 2011	65	28	9326.09	98
I	Jul 2011	37	39	9325.07	96
C	Aug 2011	12	24	9318.44	84
A	Sep 2011	7	20	9310.68	71
	WY 2011	**179**	**181**		
L	Oct 2011	7	9	9309.52	69
*	Nov 2011	5	6	9309.15	69
	Dec 2011	6	6	9309.15	69
	Jan 2012	5	6	9308.70	68
	Feb 2012	5	6	9307.86	67
	Mar 2012	5	6	9307.15	65
	Apr 2012	9	8	9307.86	67
	May 2012	27	16	9314.66	78
	Jun 2012	42	20	9326.67	100
	Jul 2012	18	20	9325.38	97
	Aug 2012	9	20	9319.45	86
	Sep 2012	7	16	9314.42	77
	WY 2012	**145**	**139**		
	Oct 2012	6	10	9312.20	73
	Nov 2012	5	6	9311.57	72
	Dec 2012	4	6	9310.62	71
	Jan 2013	4	6	9309.49	69
	Feb 2013	4	6	9308.21	67
	Mar 2013	4	6	9307.07	65
	Apr 2013	8	8	9307.29	66
	May 2013	27	16	9314.24	77
	Jun 2013	43	20	9326.76	100
	Jul 2013	20	20	9326.97	100
	Aug 2013	10	20	9321.74	90
	Sep 2013	7	16	9316.74	81
	WY 2013	**144**	**140**		
	Oct 2013	6	10	9314.51	77
	Nov 2013	5	6	9313.86	76

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

December 2011 24-Month Study

Most Probable Inflow*

Blue Mesa Reservoir

	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Dec 2010	30	29	0	27	0	27	7486.84	557
H	Jan 2011	23	23	0	27	0	27	7486.34	553
I	Feb 2011	21	21	0	43	0	43	7483.46	532
S	Mar 2011	38	39	0	75	0	75	7478.48	495
T	Apr 2011	77	78	1	95	0	95	7475.97	477
O	May 2011	168	179	1	162	0	162	7478.26	493
R	Jun 2011	425	389	1	127	19	146	7508.73	735
I	Jul 2011	222	222	2	150	0	150	7516.80	806
C	Aug 2011	67	79	1	123	0	123	7511.67	760
A	Sep 2011	35	48	1	108	0	108	7504.54	699
	WY 2011	**1162**	**1163**	**8**	**1046**	**19**	**1065**		
L	Oct 2011	36	38	1	93	0	93	7497.84	644
*	Nov 2011	29	29	0	37	0	37	7496.82	635
	Dec 2011	30	30	0	84	0	84	7490.00	581
	Jan 2012	28	29	0	68	0	68	7484.84	542
	Feb 2012	25	26	0	64	0	64	7479.72	504
	Mar 2012	34	35	0	39	0	39	7479.13	500
	Apr 2012	78	77	1	47	0	47	7483.10	529
	May 2012	206	195	1	108	0	108	7494.25	615
	Jun 2012	255	233	1	58	0	58	7514.83	788
	Jul 2012	105	108	2	92	0	92	7516.40	802
	Aug 2012	52	63	1	122	0	122	7509.60	742
	Sep 2012	43	52	1	116	0	116	7501.92	677
	WY 2012	**920**	**915**	**9**	**928**	**0**	**928**		
	Oct 2012	40	44	1	70	0	70	7498.66	650
	Nov 2012	32	33	0	40	0	40	7497.82	644
	Dec 2012	25	27	0	89	0	89	7490.00	581
	Jan 2013	24	26	0	79	0	79	7482.99	528
	Feb 2013	22	24	0	54	0	54	7478.87	498
	Mar 2013	34	36	0	36	0	36	7478.80	497
	Apr 2013	73	73	1	48	0	48	7482.08	521
	May 2013	212	201	1	107	0	107	7494.15	614
	Jun 2013	271	248	1	66	0	66	7515.55	795
	Jul 2013	121	120	2	111	0	111	7516.40	802
	Aug 2013	62	72	1	122	0	122	7510.58	751
	Sep 2013	36	45	1	113	0	113	7502.52	682
	WY 2013	**953**	**949**	**9**	**935**	**0**	**935**		
	Oct 2013	36	39	1	70	0	70	7498.75	651
	Nov 2013	31	32	0	40	0	40	7497.69	642

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2113

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

December 2011 24-Month Study

Most Probable Inflow*

Morrow Point Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Dec 2010	30	27	0	28	27	0	27	7153.98	112
H	Jan 2011	23	27	0	27	27	0	27	7153.70	112
I	Feb 2011	21	43	0	43	44	0	44	7152.08	111
S	Mar 2011	38	75	1	75	73	0	73	7154.37	113
T	Apr 2011	84	95	7	102	104	0	104	7152.20	111
O	May 2011	191	162	23	185	181	0	181	7156.18	114
R	Jun 2011	455	146	30	176	170	0	176	7155.72	114
I	Jul 2011	231	150	9	159	159	0	159	7155.22	113
C	Aug 2011	68	123	1	125	124	0	124	7155.77	114
A	Sep 2011	36	108	1	109	115	0	115	7148.00	108
	WY 2011	**1236**	**1065**	**74**	**1139**	**1133**	**0**	**1139**		
L	Oct 2011	37	93	1	94	91	0	91	7151.08	110
*	Nov 2011	30	37	2	39	38	0	38	7151.73	110
	Dec 2011	32	84	2	86	84	0	84	7153.73	112
	Jan 2012	30	68	2	70	70	0	70	7153.73	112
	Feb 2012	27	64	2	66	66	0	66	7153.73	112
	Mar 2012	37	39	3	42	42	0	42	7153.73	112
	Apr 2012	90	47	12	59	59	0	59	7153.73	112
	May 2012	230	108	24	132	132	0	132	7153.73	112
	Jun 2012	275	58	20	78	78	0	78	7153.73	112
	Jul 2012	112	92	7	99	99	0	99	7153.73	112
	Aug 2012	56	122	4	126	126	0	126	7153.73	112
	Sep 2012	46	116	3	119	119	0	119	7153.73	112
	WY 2012	**1002**	**928**	**81**	**1009**	**1005**	**0**	**1005**		
	Oct 2012	43	70	3	73	73	0	73	7153.73	112
	Nov 2012	35	40	2	42	42	0	42	7153.73	112
	Dec 2012	27	89	2	91	91	0	91	7153.73	112
	Jan 2013	26	79	2	81	81	0	81	7153.73	112
	Feb 2013	25	54	3	57	57	0	57	7153.73	112
	Mar 2013	38	36	4	40	40	0	40	7153.73	112
	Apr 2013	84	48	11	59	59	0	59	7153.73	112
	May 2013	237	107	25	132	132	0	132	7153.73	112
	Jun 2013	292	66	21	87	87	0	87	7153.73	112
	Jul 2013	127	111	7	118	118	0	118	7153.73	112
	Aug 2013	65	122	4	126	126	0	126	7153.73	112
	Sep 2013	39	113	3	116	116	0	116	7153.73	112
	WY 2013	**1039**	**935**	**86**	**1022**	**1022**	**0**	**1022**		
	Oct 2013	38	70	3	73	73	0	73	7153.73	112
	Nov 2013	33	40	2	42	42	0	42	7153.73	112

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2113

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

December 2011 24-Month Study

Most Probable Inflow*

Crystal Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
*	Dec 2010	34	27	4	31	31	0	31	6748.24	16	1	30
H	Jan 2011	27	27	4	31	30	1	31	6749.02	16	1	30
I	Feb 2011	24	44	3	47	24	23	46	6751.55	17	1	47
S	Mar 2011	43	73	5	78	78	0	78	6751.94	17	5	76
T	Apr 2011	92	104	8	112	110	2	112	6752.03	17	38	79
O	May 2011	204	181	13	195	126	68	194	6753.39	17	63	137
R	Jun 2011	516	176	61	237	120	81	237	6752.90	17	62	183
I	Jul 2011	255	159	23	182	128	58	186	6739.47	13	62	136
C	Aug 2011	75	124	7	131	126	2	129	6748.39	16	66	70
A	Sep 2011	39	115	4	119	120	0	120	6744.21	14	64	62
	WY 2011	**1375**	**1139**	**139**	**1278**	**1008**	**235**	**1279**			**413**	**912**
L	Oct 2011	41	91	4	96	94	0	94	6749.65	16	53	44
*	Nov 2011	34	38	4	42	41	1	41	6751.53	17	1	41
	Dec 2011	36	84	4	88	88	0	88	6753.04	17	0	88
	Jan 2012	34	70	4	74	74	0	74	6753.04	17	0	74
	Feb 2012	30	66	3	69	69	0	69	6753.04	17	0	69
	Mar 2012	43	42	6	48	48	0	48	6753.04	17	5	43
	Apr 2012	103	59	13	72	72	0	72	6753.04	17	30	42
	May 2012	260	132	30	162	134	28	162	6753.04	17	55	107
	Jun 2012	305	78	30	108	108	0	108	6753.04	17	60	48
	Jul 2012	129	99	17	116	116	0	116	6753.04	17	65	51
	Aug 2012	64	126	8	134	134	0	134	6753.04	17	65	69
	Sep 2012	52	119	6	125	125	0	125	6753.04	17	55	70
	WY 2012	**1131**	**1005**	**129**	**1134**	**1103**	**28**	**1131**			**388**	**746**
	Oct 2012	49	73	6	79	79	0	79	6753.04	17	30	49
	Nov 2012	40	42	5	47	47	0	47	6753.04	17	0	47
	Dec 2012	32	91	5	96	96	0	96	6753.04	17	0	96
	Jan 2013	31	81	5	86	86	0	86	6753.04	17	0	86
	Feb 2013	29	57	4	61	61	0	61	6753.04	17	0	61
	Mar 2013	46	40	7	47	47	0	47	6753.04	17	5	42
	Apr 2013	96	59	12	71	71	0	71	6753.04	17	30	41
	May 2013	272	132	35	167	134	33	167	6753.04	17	55	112
	Jun 2013	330	87	38	125	125	0	125	6753.04	17	60	65
	Jul 2013	144	118	17	135	134	1	135	6753.04	17	65	70
	Aug 2013	74	126	8	134	134	0	134	6753.04	17	65	69
	Sep 2013	45	116	6	122	122	0	122	6753.04	17	55	67
	WY 2013	**1189**	**1022**	**150**	**1172**	**1138**	**34**	**1172**			**365**	**807**
	Oct 2013	44	73	6	79	79	0	79	6753.04	17	30	49
	Nov 2013	38	42	5	47	47	0	47	6753.04	17	0	47

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

December 2011 24-Month Study

Most Probable Inflow*

Vallecito Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Dec 2010	6	2	7641.20	67
H	Jan 2011	5	2	7642.53	70
I	Feb 2011	4	2	7643.62	72
S	Mar 2011	7	2	7645.67	77
T	Apr 2011	22	4	7653.10	95
O	May 2011	44	27	7659.70	111
R	Jun 2011	79	64	7664.94	125
I	Jul 2011	23	39	7658.78	109
C	Aug 2011	9	37	7647.29	81
A	Sep 2011	8	29	7637.58	59
	WY 2011	**225**	**222**		
L	Oct 2011	15	9	7640.42	65
*	Nov 2011	9	2	7643.33	72
	Dec 2011	5	3	7644.43	74
	Jan 2012	4	3	7645.10	76
	Feb 2012	4	2	7645.71	77
	Mar 2012	6	3	7646.89	80
	Apr 2012	20	3	7653.71	96
	May 2012	64	40	7662.68	119
	Jun 2012	75	69	7664.65	124
	Jul 2012	26	42	7658.55	108
	Aug 2012	17	38	7650.03	87
	Sep 2012	14	30	7643.32	71
	WY 2012	**259**	**243**		
	Oct 2012	12	17	7640.96	66
	Nov 2012	8	3	7643.04	71
	Dec 2012	6	3	7644.20	73
	Jan 2013	5	3	7644.99	75
	Feb 2013	5	3	7645.72	77
	Mar 2013	8	3	7647.78	82
	Apr 2013	22	3	7655.47	100
	May 2013	69	51	7662.52	119
	Jun 2013	78	71	7664.83	125
	Jul 2013	31	42	7660.61	114
	Aug 2013	19	38	7653.13	95
	Sep 2013	17	30	7647.84	82
	WY 2013	**280**	**267**		
	Oct 2013	14	19	7645.54	77
	Nov 2013	8	8	7645.74	77

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

December 2011 24-Month Study

Most Probable Inflow*

Navajo Reservoir

	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azetea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Farmington Flow (1000 Ac-Ft)
*	Dec 2010	23	0	19	1	1	30	6061.11	1362	42
H	Jan 2011	16	0	13	1	1	31	6059.58	1342	50
I	Feb 2011	18	0	15	1	1	28	6058.41	1328	45
S	Mar 2011	41	2	35	2	4	31	6058.28	1326	46
T	Apr 2011	115	14	84	2	19	31	6060.75	1357	44
O	May 2011	172	22	134	4	28	32	6066.13	1428	79
R	Jun 2011	252	43	193	4	42	113	6068.65	1462	295
I	Jul 2011	40	8	46	5	48	31	6065.88	1424	98
C	Aug 2011	3	2	29	4	47	46	6060.64	1356	47
A	Sep 2011	15	2	35	3	20	40	6058.35	1327	
	WY 2011	**737**	**93**	**641**	**28**	**220**	**478**			**838**
L	Oct 2011	54	4	44	2	10	33	6058.32	1327	55
*	Nov 2011	31	1	23	1	0	21	6058.38	1327	47
	Dec 2011	20	0	17	1	0	31	6057.26	1313	31
	Jan 2012	20	0	18	1	0	31	6056.21	1300	31
	Feb 2012	26	0	24	1	0	29	6055.80	1295	29
	Mar 2012	71	3	65	2	2	31	6058.32	1327	31
	Apr 2012	136	17	103	2	17	30	6062.53	1380	30
	May 2012	260	46	190	4	31	57	6069.86	1479	57
	Jun 2012	230	32	193	5	46	146	6069.58	1475	146
	Jul 2012	54	7	63	5	51	34	6067.66	1448	34
	Aug 2012	29	2	48	4	43	53	6063.78	1397	53
	Sep 2012	32	0	47	3	24	36	6062.55	1381	36
	WY 2012	**963**	**112**	**836**	**28**	**224**	**530**			**578**
	Oct 2012	34	1	37	2	6	31	6062.46	1379	31
	Nov 2012	30	1	25	1	0	30	6062.02	1374	30
	Dec 2012	24	0	21	1	0	31	6061.22	1363	31
	Jan 2013	22	0	20	1	0	31	6060.34	1352	31
	Feb 2013	30	0	29	1	0	28	6060.34	1352	28
	Mar 2013	88	3	81	2	2	31	6063.94	1399	31
	Apr 2013	174	15	140	3	17	30	6070.64	1489	30
	May 2013	279	37	222	4	31	114	6075.78	1562	114
	Jun 2013	246	31	208	5	46	259	6068.54	1460	259
	Jul 2013	74	6	79	5	51	44	6067.05	1440	44
	Aug 2013	43	2	60	4	43	45	6064.64	1408	45
	Sep 2013	42	0	54	3	24	38	6063.79	1397	38
	WY 2013	**1087**	**96**	**977**	**29**	**220**	**711**			**711**
	Oct 2013	40	1	44	2	6	33	6064.03	1400	33
	Nov 2013	33	1	32	1	0	30	6064.11	1401	30

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

December 2011 24-Month Study

Most Probable Inflow*

Lake Powell

	Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry (1000 Ac-Ft)
*	Dec 2010	416	446	30	847	0	847	3626.54	18017	14469	865
H	Jan 2011	381	429	9	997	0	997	3620.55	18086	13822	1015
I	Feb 2011	317	377	10	964	0	964	3614.95	18076	13235	984
S	Mar 2011	579	581	16	1033	0	1033	3610.73	18039	12804	1055
T	Apr 2011	977	937	25	940	0	940	3611.93	17890	12926	965
O	May 2011	2178	2205	30	1171	0	1171	3623.13	17722	14098	1207
R	Jun 2011	5408	4866	54	1377	0	1377	3648.98	18166	17089	1419
I	Jul 2011	4328	3756	74	1483	0	1483	3660.86	18849	18605	1532
C	Aug 2011	858	974	74	1479	0	1479	3655.34	18986	17890	1530
A	Sep 2011	532	744	67	922	0	922	3653.01	19037	17593	957
	WY 2011	**16774**	**16301**	**467**	**12518**	**0**	**12518**				**12856**
L	Oct 2011	575	692	45	956	0	956	3650.27	19071	17249	984
*	Nov 2011	570	594	43	1099	0	1099	3645.69	19088	16685	1124
	Dec 2011	500	620	33	1225	0	1225	3640.77	19040	16094	1225
	Jan 2012	450	603	10	1000	0	1000	3637.57	19010	15718	1000
	Feb 2012	450	585	11	800	0	800	3635.76	18994	15508	800
	Mar 2012	675	717	19	800	0	800	3634.94	18986	15414	800
	Apr 2012	1050	942	29	1050	0	1050	3633.84	18976	15287	1050
	May 2012	2250	1955	35	1100	0	1100	3640.36	19037	16046	1100
	Jun 2012	2750	2349	57	1113	0	1113	3649.37	19124	17138	1113
	Jul 2012	1150	1092	70	1250	0	1250	3647.67	19107	16927	1250
	Aug 2012	525	681	69	800	0	800	3646.25	19093	16754	800
	Sep 2012	475	613	63	714	0	714	3645.00	19081	16601	714
	WY 2012	**11420**	**11444**	**484**	**11907**	**0**	**11907**				**11960**
	Oct 2012	525	600	43	737	0	737	3643.61	19068	16434	737
	Nov 2012	529	584	41	600	0	600	3643.17	19063	16381	600
	Dec 2012	414	550	33	800	0	800	3640.97	19042	16118	800
	Jan 2013	384	508	10	800	0	800	3638.60	19020	15839	800
	Feb 2013	398	473	11	800	0	800	3635.91	18995	15526	800
	Mar 2013	628	574	19	600	0	600	3635.56	18992	15484	600
	Apr 2013	950	769	29	900	0	900	3634.26	18980	15336	900
	May 2013	2161	1843	35	1000	0	1000	3640.68	19040	16084	1000
	Jun 2013	2811	2491	57	1081	0	1081	3650.97	19140	17336	1081
	Jul 2013	1346	1242	71	1220	0	1220	3650.61	19136	17291	1220
	Aug 2013	566	676	70	1050	0	1050	3647.28	19103	16880	1050
	Sep 2013	460	594	63	700	0	700	3646.00	19091	16723	700
	WY 2013	**11172**	**10903**	**484**	**10288**	**0**	**10288**				**10288**
	Oct 2013	514	588	44	600	0	600	3645.57	19087	16671	600
	Nov 2013	523	575	42	600	0	600	3645.06	19082	16609	600

* Based on the Colorado River Basin Forecast Center'sMost Probable Water Supply Forecast

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RECLAMATION
Managing Water in the West

December 2011 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Glen Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Dec 2010	847	248	37	660	10.7	9	630	670	1086.30	10301
H	Jan 2011	997	74	31	540	8.8	8	526	700	1091.73	10765
I	Feb 2011	964	84	29	635	11.4	9	616	723	1095.78	11117
S	Mar 2011	1033	77	33	1006	16.4	15	1002	726	1096.39	11170
T	Apr 2011	940	140	40	1078	18.1	20	1066	722	1095.76	11115
O	May 2011	1171	104	47	1001	16.3	25	997	735	1097.90	11304
R	Jun 2011	1377	72	57	939	15.8	25	938	761	1102.38	11705
I	Jul 2011	1483	74	73	1001	16.3	26	1000	789	1107.07	12133
C	Aug 2011	1479	96	80	831	13.5	28	829	827	1113.45	12730
A	Sep 2011	922	96	67	670	11.3	18	668	844	1116.04	12977
	WY 2011	**12518**	**1157**	**578**	**9799**		**225**	**9676**			
L	Oct 2011	956	65	49	443	7.2	19	436	875	1121.00	13456
*	Nov 2011	1099	35	50	564	9.5	12	561	906	1125.82	13933
	Dec 2011	1225	99	45	499	8.1	29	499	952	1132.79	14639
	Jan 2012	1000	76	37	716	11.6	16	716	970	1135.57	14928
	Feb 2012	800	92	34	662	11.5	15	662	981	1137.20	15097
	Mar 2012	800	80	39	955	15.5	18	955	973	1136.01	14973
	Apr 2012	1050	60	48	1098	18.5	16	1098	970	1135.54	14925
	May 2012	1100	49	55	1018	16.6	27	1018	973	1135.99	14971
	Jun 2012	1113	23	67	940	15.8	24	940	980	1136.93	15070
	Jul 2012	1250	50	84	919	14.9	28	919	996	1139.34	15323
	Aug 2012	800	109	90	824	13.4	28	824	994	1139.04	15292
	Sep 2012	714	70	74	664	11.2	18	664	996	1139.29	15317
	WY 2012	**11907**	**808**	**673**	**9301**		**249**	**9290**			
	Oct 2012	737	59	54	398	6.5	21	398	1015	1142.15	15621
	Nov 2012	600	48	55	664	11.2	18	664	1010	1141.38	15538
	Dec 2012	800	99	47	528	8.6	15	528	1029	1144.07	15827
	Jan 2013	800	76	39	695	11.3	16	695	1036	1145.15	15945
	Feb 2013	800	92	36	702	12.6	15	702	1045	1146.35	16076
	Mar 2013	600	80	40	1039	16.9	21	1039	1019	1142.71	15681
	Apr 2013	900	60	49	1127	18.9	17	1127	1005	1140.65	15461
	May 2013	1000	49	56	1016	16.5	28	1016	1002	1140.20	15413
	Jun 2013	1081	23	68	943	15.9	23	943	1006	1140.81	15478
	Jul 2013	1220	50	86	934	15.2	25	934	1020	1142.80	15690
	Aug 2013	1050	109	92	844	13.7	27	844	1032	1144.50	15874
	Sep 2013	700	70	76	686	11.5	19	686	1031	1144.40	15863
	WY 2013	**10288**	**815**	**698**	**9577**		**246**	**9577**			
	Oct 2013	600	59	55	454	7.4	23	454	1039	1145.50	15983
	Nov 2013	600	48	56	544	9.1	22	544	1040	1145.73	16007

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

December 2011 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Dec 2010	660	-15	9	553	0	553	9.0	641.21	1650
H	Jan 2011	540	-7	10	502	0	502	8.2	641.95	1670
I	Feb 2011	635	-10	10	586	0	586	10.5	643.01	1699
S	Mar 2011	1006	-11	13	976	0	976	15.9	643.23	1705
T	Apr 2011	1078	-13	17	1047	0	1047	17.6	643.30	1707
O	May 2011	1001	-10	22	949	0	949	15.4	644.04	1727
R	Jun 2011	939	-9	25	954	0	954	16.0	642.27	1679
I	Jul 2011	1001	-10	25	943	0	943	15.3	643.11	1702
C	Aug 2011	831	-6	23	822	0	822	13.4	642.38	1682
A	Sep 2011	670	-6	18	717	0	717	12.1	639.73	1610
	WY 2011	**9799**	**-120**	**198**	**9446**	**0**	**9446**			
L	Oct 2011	443	7	15	611	0	611	9.9	633.03	1435
*	Nov 2011	564	-11	10	466	0	466	7.8	635.99	1511
	Dec 2011	499	-13	9	405	0	405	6.6	638.70	1583
	Jan 2012	716	-17	10	614	0	614	10.0	641.50	1658
	Feb 2012	662	-6	10	639	0	639	11.1	641.80	1666
	Mar 2012	955	-15	13	892	0	892	14.5	643.05	1700
	Apr 2012	1098	-15	17	1068	0	1068	17.9	643.00	1699
	May 2012	1018	-10	22	985	0	985	16.0	643.00	1699
	Jun 2012	940	-6	25	936	0	936	15.7	642.00	1671
	Jul 2012	919	1	25	908	0	908	14.8	641.50	1658
	Aug 2012	824	-5	23	796	0	796	13.0	641.50	1658
	Sep 2012	664	1	18	741	0	741	12.5	638.00	1564
	WY 2012	**9301**	**-88**	**197**	**9062**	**0**	**9062**			
	Oct 2012	398	3	14	579	0	579	9.4	630.49	1371
	Nov 2012	664	-10	10	529	0	529	8.9	635.00	1486
	Dec 2012	528	-13	9	409	0	409	6.6	638.71	1583
	Jan 2013	695	-17	10	586	0	586	9.5	641.80	1666
	Feb 2013	702	-6	10	687	0	687	12.4	641.80	1666
	Mar 2013	1039	-15	13	977	0	977	15.9	643.05	1700
	Apr 2013	1127	-15	17	1097	0	1097	18.4	643.00	1699
	May 2013	1016	-10	22	984	0	984	16.0	643.00	1699
	Jun 2013	943	-6	25	939	0	939	15.8	642.00	1671
	Jul 2013	934	1	25	923	0	923	15.0	641.50	1658
	Aug 2013	844	-5	23	817	0	817	13.3	641.50	1658
	Sep 2013	686	1	18	762	0	762	12.8	638.00	1564
	WY 2013	**9577**	**-91**	**196**	**9289**	**0**	**9289**			
	Oct 2013	454	3	15	572	0	572	9.3	633.00	1434
	Nov 2013	544	-10	10	473	0	473	7.9	635.00	1486

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

December 2011 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	Dec 2010	553	33	7	290	4.7	93	183	448.10	582	147	2.4
H	Jan 2011	502	8	6	391	6.4	52	89	446.40	550	141	2.3
I	Feb 2011	586	15	8	415	7.5	23	135	447.29	567	173	3.1
S	Mar 2011	976	6	9	694	11.3	71	181	448.06	581	199	3.2
T	Apr 2011	1047	18	11	786	13.2	71	180	448.54	590	204	3.4
O	May 2011	949	17	13	691	11.2	83	167	448.68	593	115	1.9
R	Jun 2011	954	14	15	708	11.9	96	155	447.73	575	120	2.0
I	Jul 2011	943	34	17	762	12.4	100	77	448.22	584	127	2.1
C	Aug 2011	822	25	17	669	10.9	91	60	448.13	583	97	1.6
A	Sep 2011	717	30	15	538	9.0	83	102	448.28	585	91	1.5
	WY 2011	**9446**	**263**	**140**	**6837**		**964**	**1652**			**1634**	
L	Oct 2011	611	31	12	472	7.7	8	149	447.97	579	62	1.0
*	Nov 2011	466	38	9	321	5.4	7	175	447.32	567	94	1.6
	Dec 2011	405	21	6	285	4.6	14	143	445.80	539	92	1.5
	Jan 2012	614	15	6	356	5.8	57	184	447.00	561	128	2.1
	Feb 2012	639	6	8	455	7.9	49	127	447.00	561	156	2.7
	Mar 2012	892	22	9	693	11.3	25	178	447.00	561	195	3.2
	Apr 2012	1068	18	11	785	13.2	78	171	448.70	593	192	3.2
	May 2012	985	13	13	697	11.3	99	178	448.70	593	111	1.8
	Jun 2012	936	9	16	684	11.5	96	136	448.70	593	120	2.0
	Jul 2012	908	15	17	745	12.1	99	61	448.00	580	126	2.0
	Aug 2012	796	18	17	633	10.3	99	61	447.50	571	95	1.5
	Sep 2012	741	15	15	548	9.2	96	101	446.81	557	89	1.5
	WY 2012	**9062**	**222**	**139**	**6673**		**726**	**1668**			**1460**	
	Oct 2012	579	20	12	440	7.1	36	113	446.31	548	63	1.0
	Nov 2012	529	26	8	383	6.4	34	120	446.50	552	109	1.8
	Dec 2012	409	21	6	281	4.6	33	104	446.50	552	115	1.9
	Jan 2013	586	15	6	356	5.8	93	142	446.50	552	122	2.0
	Feb 2013	687	6	8	461	8.3	83	136	446.50	552	153	2.8
	Mar 2013	977	22	9	707	11.5	93	179	446.70	555	208	3.4
	Apr 2013	1097	18	11	795	13.4	90	173	448.70	593	200	3.4
	May 2013	984	13	13	702	11.4	93	179	448.70	593	111	1.8
	Jun 2013	939	9	16	675	11.3	90	155	448.70	593	112	1.9
	Jul 2013	923	15	17	729	11.9	93	99	448.00	580	118	1.9
	Aug 2013	817	18	17	624	10.2	93	98	447.50	571	92	1.5
	Sep 2013	762	15	15	529	8.9	90	147	446.81	557	89	1.5
	WY 2013	**9289**	**199**	**139**	**6682**		**919**	**1645**			**1494**	
	Oct 2013	572	20	12	442	7.2	30	110	446.31	548	72	1.2
	Nov 2013	473	26	8	375	6.3	27	77	446.50	552	105	1.8

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

December 2011 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Dec 2010	660	10.7	1086.30	10301	365	439.05	1388.0	246.5	87	373.5
H	Jan 2011	540	8.8	1091.73	10765	463	446.84	1103.0	200.9	69	372.4
I	Feb 2011	635	11.4	1095.78	11117	353	447.78	1414.0	244.7	88	385.7
S	Mar 2011	1006	16.4	1096.39	11170	54	449.79	1232.0	398.2	75	395.8
T	Apr 2011	1078	18.1	1095.76	11115	-55	449.53	1157.0	430.9	70	399.6
O	May 2011	1001	16.3	1097.90	11304	189	452.71	1468.0	394.5	88	393.9
R	Jun 2011	939	15.8	1102.38	11705	401	457.87	1661.0	372.1	100	396.2
I	Jul 2011	1001	16.3	1107.07	12133	429	462.21	1698.0	403.2	100	402.6
C	Aug 2011	831	13.5	1113.45	12730	597	469.04	1721.0	338.8	100	407.7
A	Sep 2011	670	11.3	1116.04	12977	247	473.88	1757.0	272.0	100	406.1
	WY 2011	**9799**							**3848.4**		
L	Oct 2011		7.2	1121.00	13456	479	478.70	1311.0	178.9	74	
*	Nov 2011	564	9.5	1125.82	13933	477	481.61	1110.0	233.8	61	414.3
	Dec 2011	499	8.1	1132.79	14639	707	481.93	1374.0	211.4	75	424.0
	Jan 2012	716	11.6	1135.57	14928	289	486.53	1168.0	311.9	61	435.8
	Feb 2012	662	11.5	1137.20	15097	169	487.61	1192.0	288.3	62	435.4
	Mar 2012	955	15.5	1136.01	14973	-124	485.91	1427.0	420.0	75	439.9
	Apr 2012	1098	18.5	1135.54	14925	-49	484.00	1539.0	484.0	81	440.8
	May 2012	1018	16.6	1135.99	14971	46	484.04	1532.0	441.2	81	433.5
	Jun 2012	940	15.8	1136.93	15070	99	482.94	1900.0	405.9	100	431.9
	Jul 2012	919	14.9	1139.34	15323	253	485.10	1911.0	395.2	100	430.2
	Aug 2012	824	13.4	1139.04	15292	-31	486.32	1925.0	357.8	100	434.4
	Sep 2012	664	11.2	1139.29	15317	25	487.44	1934.0	281.8	100	424.1
	WY 2012	**8858**							**4010.1**		
	Oct 2012	398	6.5	1142.15	15621	304	492.10	1784.0	164.3	91	413.0
	Nov 2012	664	11.2	1141.38	15538	-83	495.61	1779.0	286.1	91	431.1
	Dec 2012	528	8.6	1144.07	15827	289	495.32	1536.0	223.1	78	422.1
	Jan 2013	695	11.3	1145.15	15945	118	494.94	1545.0	301.9	78	434.3
	Feb 2013	702	12.6	1146.35	16076	131	496.31	1330.0	313.1	67	446.1
	Mar 2013	1039	16.9	1142.71	15681	-395	492.71	1662.0	457.3	85	440.1
	Apr 2013	1127	18.9	1140.65	15461	-220	489.11	1713.0	500.5	88	443.9
	May 2013	1016	16.5	1140.20	15413	-48	488.69	1571.6	444.1	81	436.9
	Jun 2013	943	15.9	1140.81	15478	65	486.97	1943.0	410.6	100	435.2
	Jul 2013	934	15.2	1142.80	15690	212	488.76	1943.0	405.3	100	433.9
	Aug 2013	844	13.7	1144.50	15874	184	490.76	1943.0	370.4	100	439.0
	Sep 2013	686	11.5	1144.40	15863	-10	492.71	1943.0	294.8	100	429.8
	WY 2013	**9577**							**4171.5**		
	Oct 2013	454	7.4	1145.50	15983	119	496.32	1771.2	193.0	91	425.2
	Nov 2013	544	9.1	1145.73	16007	25	498.63	1770.8	232.1	91	426.7

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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December 2011 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Dec 2010	553	9.0	641.21	1650	84	141.87	168.3	67.8	66	122.6
H	Jan 2011	502	8.2	641.95	1670	20	140.42	153.0	63.3	60	125.9
I	Feb 2011	586	10.5	643.01	1699	29	139.78	181.1	73.6	71	125.6
S	Mar 2011	976	15.9	643.23	1705	6	138.82	204.0	123.0	80	126.0
T	Apr 2011	1047	17.6	643.30	1707	2	141.68	227.0	131.6	89	125.7
O	May 2011	949	15.4	644.04	1727	20	142.61	255.0	120.3	100	126.8
R	Jun 2011	954	16.0	642.27	1679	-48	140.41	249.9	120.6	98	126.4
I	Jul 2011	943	15.3	643.11	1702	23	143.18	255.0	119.3	100	126.5
C	Aug 2011	822	13.4	642.38	1682	-20	140.95	255.0	103.5	100	125.9
A	Sep 2011	717	12.1	639.73	1610	-72	137.99	255.0	90.2	100	125.8
	WY 2011	**9446**							**1182.3**		
L	Oct 2011	611	9.9	633.03	1435	-175	133.41	181.1	74.4	71	121.8
*	Nov 2011	466	7.8	635.99	1511	76	134.28	170.9	57.0	67	122.2
	Dec 2011	405	6.6	638.70	1583	71	132.40	178.5	49.9	70	123.2
	Jan 2012	614	10.0	641.50	1658	75	135.54	170.9	76.4	67	124.4
	Feb 2012	639	11.1	641.80	1666	8	137.36	163.2	80.1	64	125.4
	Mar 2012	892	14.5	643.05	1700	34	135.78	242.3	111.5	95	124.9
	Apr 2012	1068	17.9	643.00	1699	-2	136.07	255.0	132.9	100	124.4
	May 2012	985	16.0	643.00	1699	0	136.04	255.0	123.1	100	125.0
	Jun 2012	936	15.7	642.00	1671	-27	135.51	255.0	116.6	100	124.6
	Jul 2012	908	14.8	641.50	1658	-14	134.73	255.0	112.8	100	124.2
	Aug 2012	796	13.0	641.50	1658	0	134.46	255.0	99.2	100	124.6
	Sep 2012	741	12.5	638.00	1564	-94	132.62	255.0	91.3	100	123.2
	WY 2012	**9062**							**1125.1**		
	Oct 2012	579	9.4	630.49	1371	-193	127.85	219.3	69.1	86	119.3
	Nov 2012	529	8.9	635.00	1486	115	125.53	244.8	62.5	96	118.2
	Dec 2012	409	6.6	638.71	1583	97	130.29	229.5	50.2	90	122.8
	Jan 2013	586	9.5	641.80	1666	83	134.09	221.9	73.1	87	124.7
	Feb 2013	687	12.4	641.80	1666	0	136.08	209.1	85.9	82	125.1
	Mar 2013	977	15.9	643.05	1700	34	135.86	239.7	121.6	94	124.5
	Apr 2013	1097	18.4	643.00	1699	-2	136.07	255.0	136.4	100	124.3
	May 2013	984	16.0	643.00	1699	0	136.04	255.0	123.0	100	125.0
	Jun 2013	939	15.8	642.00	1671	-27	135.51	255.0	117.0	100	124.6
	Jul 2013	923	15.0	641.50	1658	-14	134.73	255.0	114.6	100	124.1
	Aug 2013	817	13.3	641.50	1658	0	134.46	255.0	101.6	100	124.5
	Sep 2013	762	12.8	638.00	1564	-94	132.62	255.0	93.8	100	123.1
	WY 2013	**9289**							**1148.8**		
	Oct 2013	572	9.3	633.00	1434	-130	129.17	219.3	68.9	86	120.5
	Nov 2013	473	7.9	635.00	1486	51	126.85	244.8	56.6	96	119.7

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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Most Probable Inflow*

Parker Dam - Lake Havasu

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Dec 2010	290	4.7	448.10	582	10	82.60	104.4	19.7	87	67.9
H	Jan 2011	391	6.4	446.40	550	-32	80.10	97.2	26.8	81	68.6
I	Feb 2011	415	7.5	447.29	567	17	76.83	90.0	29.3	75	70.7
S	Mar 2011	694	11.3	448.06	581	15	80.18	112.8	47.4	94	68.4
T	Apr 2011	786	13.2	448.54	590	9	82.13	120.0	54.4	100	69.1
O	May 2011	691	11.2	448.68	593	3	80.58	120.0	47.9	100	69.3
R	Jun 2011	708	11.9	447.73	575	-18	81.68	114.0	49.9	95	70.4
I	Jul 2011	762	12.4	448.22	584	9	81.72	116.4	51.6	97	67.7
C	Aug 2011	669	10.9	448.13	583	-2	82.04	120.0	46.1	100	68.9
A	Sep 2011	538	9.0	448.28	585	3	82.16	120.0	39.4	100	73.2
	WY 2011	**6837**							**474.2**		
L	Oct 2011	472	7.7	447.97	579	-6	81.92	92.4	31.5	77	66.8
*	Nov 2011	321	5.4	447.32	567	-12	80.93	102.0	22.1	85	69.1
	Dec 2011	285	4.6	445.80	539	-28	76.72	67.2	18.4	56	64.5
	Jan 2012	356	5.8	447.00	561	22	76.64	66.0	23.4	55	65.6
	Feb 2012	455	7.9	447.00	561	0	75.56	94.8	29.8	79	65.5
	Mar 2012	693	11.3	447.00	561	0	75.44	97.2	45.9	81	66.2
	Apr 2012	785	13.2	448.70	593	32	75.23	120.0	51.9	100	66.1
	May 2012	697	11.3	448.70	593	0	76.05	120.0	46.3	100	66.5
	Jun 2012	684	11.5	448.70	593	0	76.05	120.0	45.5	100	66.5
	Jul 2012	745	12.1	448.00	580	-13	75.71	120.0	49.4	100	66.3
	Aug 2012	633	10.3	447.50	571	-10	75.13	120.0	41.5	100	65.6
	Sep 2012	548	9.2	446.81	557	-13	74.55	120.0	35.5	100	64.9
	WY 2012	**6673**							**441.3**		
	Oct 2012	440	7.1	446.31	548	-9	74.77	102.0	28.4	85	64.6
	Nov 2012	383	6.4	446.50	552	3	74.62	102.0	24.5	85	64.1
	Dec 2012	281	4.6	446.50	552	0	74.71	102.0	17.7	85	62.8
	Jan 2013	356	5.8	446.50	552	0	74.71	102.0	22.7	85	63.8
	Feb 2013	461	8.3	446.50	552	0	73.92	120.0	29.6	100	64.2
	Mar 2013	707	11.5	446.70	555	4	74.01	120.0	45.9	100	64.9
	Apr 2013	795	13.4	448.70	593	38	75.08	120.0	52.5	100	66.0
	May 2013	702	11.4	448.70	593	0	76.05	120.0	46.7	100	66.5
	Jun 2013	675	11.3	448.70	593	0	76.05	120.0	44.9	100	66.5
	Jul 2013	729	11.9	448.00	580	-13	75.71	120.0	48.4	100	66.3
	Aug 2013	624	10.2	447.50	571	-10	75.13	120.0	40.9	100	65.5
	Sep 2013	529	8.9	446.81	557	-13	74.55	120.0	34.3	100	64.8
	WY 2013	**6682**							**436.4**		
	Oct 2013	442	7.2	446.31	548	-9	74.77	102.0	28.5	85	64.6
	Nov 2013	375	6.3	446.50	552	3	74.62	102.0	24.0	85	64.1

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Most Probable Inflow*

Upper Basin Power

	Date	Glen Canyon 1000 MWHR	Flaming Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Reservoir 1000 MWHR	Fontenelle Reservoir 1000 MWHR
*	Dec 2010	382	26	8	9	4	4
H	Jan 2011	445	26	8	9	4	4
I	Feb 2011	425	26	12	15	4	3
S	Mar 2011	453	23	21	26	15	4
	Winter 2011	**2299**	**156**	**79**	**97**	**48**	**19**
T	Apr 2011	415	65	26	37	21	5
O	May 2011	520	105	44	66	23	5
R	Jun 2011	634	98	36	61	23	5
I	Jul 2011	708					
C	Aug 2011	706	60	39	44	22	8
A	Sep 2011	442	58	34	41	22	6
	Summer 2011	**3425**	**386**	**179**	**248**	**111**	**30**
L	Oct 2011	446	48	28	33	18	5
*	Nov 2011	508	34	11	13	7	2
	Dec 2011	526	40	25	30	15	6
	Jan 2012	426	54	20	25	13	6
	Feb 2012	339	51	18	24	12	5
	Mar 2012	339	54	11	15	8	5
	Winter 2012	**2585**	**281**	**113**	**140**	**73**	**29**
	Apr 2012	444	41	14	21	12	5
	May 2012	467	62	32	48	23	7
	Jun 2012	480	67	18	28	19	9
	Jul 2012	542	37	29	36	20	10
	Aug 2012	346	37	38	45	23	8
	Sep 2012	308	36	36	43	22	7
	Summer 2012	**2586**	**280**	**166**	**221**	**119**	**45**
	Oct 2012	317	37	21	26	14	7
	Nov 2012	258	36	12	15	8	6
	Dec 2012	343	37	26	33	17	6
	Jan 2013	341	37	23	29	15	6
	Feb 2013	340	33	16	21	11	5
	Mar 2013	254	37	10	14	8	5
	Winter 2013	**1853**	**217**	**108**	**138**	**72**	**35**
	Apr 2013	381	36	14	21	12	5
	May 2013	425	54	31	48	23	7
	Jun 2013	467	71	20	31	22	9
	Jul 2013	531	36	35	42	23	10
	Aug 2013	456	36	38	45	23	8
	Sep 2013	303	35	35	42	21	7
	Summer 2013	**2259**	**233**	**139**	**188**	**104**	**39**
	Oct 2013	259	36	21	26	14	7
	Nov 2013	259	35	12	15	8	6

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Managing Water in the West

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Most Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions

Date	Flaming George KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Total KAF	Flaming George KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****CREDITABLE SPACE****										
Dec 2011	412	194	369	7637	8611	13444	22056	412	194	369	974	7637	13444	22056	4580	499	0	38.6
Jan 2012	471	248	383	8228	9329	12738	22067	471	248	383	1101	8228	12738	22067	5350	716	0	38.4
								****EFFECTIVE SPACE****										
Jan 2012	471	248	383	8228	9329	12738	22067	86	248	300	634	8228	12738	21599	5350	716	0	38.4
Feb 2012	573	288	396	8604	9861	12449	22310	189	288	312	788	8604	12449	21842	1500	662	0	38.3
Mar 2012	666	326	401	8814	10207	12280	22486	282	326	316	924	8814	12280	22017	1500	955	0	38.0
Apr 2012	740	330	369	8908	10348	12404	22752	354	330	282	966	8908	12404	22278	1500	1098	0	38.0
May 2012	742	301	316	9035	10393	12452	22845	350	301	209	860	9035	12452	22347	1500	1018	0	39.0
Jun 2012	679	215	217	8276	9387	12406	21793	279	210	76	565	8276	12406	21247	1500	940	0	40.6
Jul 2012	497	41	221	7184	7944	12307	20251	82	13	29	124	7184	12307	19615	1500	919	0	40.6
								****CREDITABLE SPACE****										
Aug 2012	433	27	248	7395	8102	12054	20156	433	27	248	707	7395	12054	20156	1500	824	0	40.3
Sep 2012	464	87	299	7568	8419	12085	20505	464	87	299	851	7568	12085	20505	2270	664	0	39.9
Oct 2012	512	152	315	7721	8701	12060	20761	512	152	315	980	7721	12060	20761	3040	398	0	39.7
Nov 2012	560	179	317	7888	8944	11756	20700	560	179	317	1056	7888	11756	20700	3810	664	0	39.7
Dec 2012	610	186	322	7941	9060	11839	20899	610	186	322	1118	7941	11839	20899	4580	528	0	39.6
Jan 2013	677	248	333	8204	9461	11550	21011	677	248	333	1258	8204	11550	21011	5350	695	0	39.4
								****EFFECTIVE SPACE****										
Jan 2013	677	248	333	8204	9461	11550	21011	383	248	242	873	8204	11550	20626	5350	695	0	39.4
Feb 2013	739	302	344	8483	9868	11432	21300	443	302	253	998	8483	11432	20913	1500	702	0	39.2
Mar 2013	787	332	344	8796	10259	11301	21561	489	332	252	1073	8796	11301	21170	1500	1039	0	38.8
Apr 2013	789	332	297	8838	10256	11696	21952	487	332	202	1021	8838	11696	21554	1500	1127	0	38.6
May 2013	751	308	207	8986	10253	11916	22168	442	308	92	842	8986	11916	21744	1500	1016	0	39.6
Jun 2013	645	215	134	8238	9232	11964	21196	325	215	-16	524	8238	11964	20726	1500	943	0	41.2
Jul 2013	455	35	236	6986	7711	11899	19610	120	10	35	165	6986	11899	19049	1500	934	0	41.4
								****CREDITABLE SPACE****										
Aug 2013	354	27	256	7031	7668	11687	19354	354	27	256	637	7031	11687	19354	1500	844	0	41.1
Sep 2013	371	79	288	7442	8179	11503	19683	371	79	288	738	7442	11503	19683	2270	686	0	40.7
Oct 2013	420	147	299	7599	8466	11514	19979	420	147	299	866	7599	11514	19979	3040	454	0	40.5
Nov 2013	467	178	296	7651	8593	11394	19987	467	178	296	942	7651	11394	19987	3810	544	0	40.5

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2113

Processed On: 12/9/2011 12:06:42PM

January 24-Month Study
Date: January 12, 2012

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

Reservoir	December Inflow (unregulated) (acre-feet)	Percent of Average (%)	January 11 Midnight Elevation (feet)	Reservoir Storage (acre-feet)
Fontenelle	35,000	109	6484.56	193,000
Flaming Gorge	38,000	109	6030.91	3,384,000
Blue Mesa	24,000	94	7487.17	560,000
Navajo	19,000	76	6056.64	1,306,000
Powell	359,000	99	3638.50	15,827,000

Expected Operations

The operation of Lake Powell and Lake Mead in this January 2012 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines), and reflects the 2012 Annual Operating Plan (AOP). Pursuant to the Interim Guidelines, the August 2011 24-Month Study projections of the January 1, 2012 system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2012.

Consistent with Section 6.A of the Interim Guidelines, the Lake Powell operational tier for water year 2012 is the Equalization Tier. The January 2012 24-Month Study projects the water year release volume from Lake Powell for 2012 to be 9.46 maf.

Consistent with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar year 2012.

The Interim Guidelines are available for download at
http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The 2012 AOP is available for download at
http://www.usbr.gov/lc/region/g4000/aop/AOP12.pdf.

Fontenelle Reservoir – Inflows for the month of December were 35 kaf, or 109% of average. The reservoir elevation is 6485 feet above sea level and 57% of capacity. Current inflows are approximately 5500 cfs and reservoir releases are 1,200 cfs. Releases will likely be close to 1,200 cfs through the remainder of the winter and the reservoir elevation will continue to decline until spring runoff begins. Current snowpack above Fontenelle Reservoir is 64% of average.

The Colorado Basin River Forecast Center and Natural Resources Conservation Service have issued the coordinated forecast for the April to July 2012 runoff season. Inflows forecasted to be 550 kaf, or 76% of average, however it is still early in the snow accumulation season. Inflows over the next three months are forecasted by the River Forecast Center to be: 32,000 acre-ft (107%), 30,000 acre-ft (107%) and 35,000 acre-ft (66%) for January, February and March respectively.

The next Fontenelle Working Group meeting is scheduled for April 26, 2012 at 10:00 am at the Seedskadee National Wildlife Refuge visitor's center. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir.

Flaming Gorge Reservoir – Unregulated inflow into Flaming Gorge Reservoir during the month of December was 38 thousand acre-feet (kaf), or 109 percent of average inflow. The Flaming Gorge Reservoir is releasing at an average daily release rate of 2,400 cfs/day and is expected to remain at 2,400 cfs/day over the coming months in order to observe the hydrology and snowpack accumulation development through spring. Flaming Gorge reservoir elevation is decreasing and expected to continue decreasing through the winter to meet the May 1 target elevation of 6027 feet.

The Colorado Basin River Forecast Center and Natural Resources Conservation Service have issued the joint water supply forecast for the April-July runoff season. The January forecast for April-July unregulated inflow volume is 760 kaf (78 percent of average), which is a decrease of 21 percent from the previous forecast. This volume corresponds with the moderately dry classification within the 2006 Record of Decision. The unregulated inflow volumes and percent of average for January, February and March are forecasted to be 42 kaf (104%), 42 kaf (94%), and 68 kaf (66%), respectively.

The next Flaming Gorge Working Group meeting is scheduled for April 18, 2012, at 1:00 p.m. at the Western Park Convention Center, 302 East 200 South, Vernal, Utah. The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stake holders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations and plans presented by Reclamation at these meetings. For more information on this group and these meetings please contact Heather Hermansen at 801-524-3883 or Ed Vidmar at 801-379-1182.

Aspinall Reservoirs – December unregulated inflow into Blue Mesa Reservoir was 24,000 acre-feet or 94 percent of average. Precipitation during December was observed to be about 50 percent of average. The Gunnison River basin snowpack as of January

12th was averaging about 57 percent. The current inflow rate into Blue Mesa Reservoir is about 350 cfs while reservoir releases are averaging about 900 cfs. The present reservoir elevation is 7487.17 feet, which corresponds to a storage content of about 560,000 acre-feet.

Releases from Crystal Dam have just been reduced from 1100 cfs down to 800 cfs as a result of very dry hydrologic conditions. Reservoir releases will most likely change as hydrologic conditions warrant, primarily as we respond to changes in forecasted inflows.

The first Water Supply Forecast for Water Year 2012 has been issued and the April through July unregulated inflow is forecasted to be at 450,000 acre-feet (67% of average). Based on this forecast, Blue Mesa Reservoir is not projected to fill by the end of this 2012 runoff season.

The next meeting of the "Aspinall Unit Working Group" will be held on Thursday January 19th in the Montrose, Colorado, starting at 1:00 PM. At this meeting, review of last summer and fall reservoir operations, and plans for this winter and next spring 2012 operations will be discussed. These meetings are open forum discussions on the Aspinall Unit reservoir operations with many interested groups participating. Anyone needing further information about these meetings should contact Dan Crabtree in the Grand Junction Area Office at (970) 248-0652.

Navajo Reservoir - Reclamation increased the release from Navajo Reservoir to 500 cfs on December 1, 2011. The temporary lower release of 350 cfs was in collaboration with New Mexico Department of Game & Fish's fish habitat project, just below the dam. That project is now complete and releases have returned to 500 cfs.

Releases are made for the authorized purposes of the Navajo Unit, and to attempt to maintain a target base flow through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell).

Pending significant changes in the weather and stream flow conditions, the reservoir release will likely remain at 500 cfs until next spring (2012).

Precipitation for the month of December in the San Juan River basin was about 85 percent of average. Unregulated inflow into Navajo Reservoir during the month of December was 19,000 acre-feet, or 76 percent of average. Currently, the daily reservoir inflow is averaging about 200 cfs. Diversions for NIIP have currently been shut down for the winter. The reservoir water surface elevation is at 6056.64 feet, which corresponds to a storage content of about 1,306,000 acre-feet.

A public meeting on Navajo Reservoir operations will be held on Tuesday, January 24, 2012 at 1:00 p.m. in Farmington, New Mexico. At this meeting, review of last summer and fall reservoir operations, and plans for this winter and spring 2012 operations will be discussed. These are open forum discussions on the operation of Navajo Reservoir with many interested groups participating. Anyone interested in the general operation of the

reservoir is encouraged to attend. Please contact Pat Page in Reclamation's Durango, Colorado Office at (970) 385-6560 for information about these meetings or the daily operation of Navajo Reservoir.

Glen Canyon Dam / Lake Powell – During December 2011 the unregulated inflow volume to Lake Powell was 359 kaf (99% of average based on the historic period from 1981 through 2010). This was well below the volume forecasted for the month of December which was 500 kaf (138% of average). As a result, the elevation of Lake Powell at the end of December was 3639.7 feet above sea level which was 1.1 feet lower than projected at the beginning of December.

Snowpack conditions above Lake Powell are well below average for this time of year. As of January 9, 2012 the overall snowpack above Lake Powell was only 60% of average. Reclamation has received the first Water Supply forecast for 2012 and the April through July unregulated inflow to Lake Powell is projected to be 5.05 maf which is 71% of average. Based on this forecast, the projected most probable (i.e. 50% likely to be exceeded) annual release volume from Glen Canyon Dam in water year 2012 will be 9.46 maf. At this time of year however, there is a high level of uncertainty in hydrologic forecasts and the annual release volume from Glen Canyon Dam in WY2012 will ultimately be based on actual hydrology rather than forecasted hydrology.

Current Dam Operations

In August 2011, as part of the Colorado River Annual Operating Plan process, the Operating Tier for Glen Canyon Dam was determined to be the Equalization Tier under the 2008 Interim Guidelines. Under the Equalization Tier, with 1.233 maf of release volume carried over from 2011 to 2012, the annual release volume for WY2012 could be as low as 9.46 maf to as high as 13.1 maf or higher depending on actual inflow conditions. As inflow and storage conditions for Lake Powell and Lake Mead change throughout the year, Reclamation will make practicable adjustments to the operation of Glen Canyon Dam to release the appropriate annual volume during 2012. The overall goal during 2012 in terms of annual release will be to achieve the objectives of the Equalization Tier of the Interim Guidelines.

In response to the Water Supply forecast issued for Lake Powell in January, Reclamation has reduced the release volume for January from 1000 kaf to 850 kaf. This reduction began on January 10, 2012. Releases from Glen Canyon Dam are currently averaging about 13,200 cfs with fluctuations for power generation throughout the day that peak near 17,500 cfs in the afternoons. Early morning low releases are about 9,500 cfs. This operation is consistent with the Glen Canyon Operating Criteria (Federal Register, Volume 62, No. 41, March 3, 1997).

In addition to hourly release fluctuations for load following power generation, the instantaneous releases from Glen Canyon Dam may also fluctuate somewhat to provide 40 MW of system regulation. These instantaneous release adjustments stabilize the electrical generation and transmission system and translate to a range of about 1100 cfs

above or below the hourly release rate that is scheduled for a given hour. Typically, fluctuations for system regulation are very short lived and balance out over the hour and do not have noticeable impacts on river flow conditions.

Releases from Glen Canyon Dam can also fluctuate beyond the typical load following pattern when called upon as a partner that shares reserve requirements within the electrical generator community (i.e. control area). There are many generators that supply electricity to the transmission system within the control area. At times, a participating generator may experience operating conditions such that it cannot make its scheduled delivery of electricity to the system (i.e. outage). To provide system reliability, all participating electricity generators within the control area maintain a specified level of generation capacity (i.e. reserves) that can be called upon when an outage occurs. Glen Canyon Dam typically maintains 109 MW of reserves for this purpose.

Reserve agreements allow the controllers of the transmission system to call upon Glen Canyon Dam for up to 109 MW of additional generation beyond what is originally scheduled for a given hour. These calls for reserve generation can be maintained for up to 2 hours in total duration. The 109 MW reserve requirement for Glen Canyon Dam translates to approximately 2,700 cfs of flow in the river and calls for reserves can have noticeable impacts on river flow conditions. Calls for reserves are fairly infrequent and typically are for much less than the maximum requirement of 109 MW.

Current Inflow Forecasts and Model Projections

Over the next three months (January, February, March) the forecasted unregulated inflow volume to Lake Powell is projected to be 375 kaf (104% of average), 410 kaf (104% of average) and 575 kaf (86% of average), respectively. These percent of averages are all based on the historic period from 1981 through 2010. Combining this forecast with the January Water Supply Forecast and extending projections to the end of WY2012, the most probable (i.e. 50% likely to be exceeded) unregulated inflow volume for WY2012 is now projected to be 8.55 maf (79% of average). The minimum probable (i.e. 90% likely to be exceeded) unregulated inflow volume for WY2012 is now projected to be 5.48 maf (51% of average). The maximum probable (i.e. 10% likely to be exceeded) unregulated inflow volume for WY2012 is now projected to be 12.65 maf (117% of average).

Based on this range of possible inflow conditions, the January 24-Month Study projects the annual release volume for WY2012 to be as lows as 9.46 maf (under the minimum probable inflow condition) to as high as 13.01 maf (under the maximum probable inflow condition). Under the most probable inflow condition, the annual release volume is projected to be 9.46 maf and the elevation of Lake Powell at the end of WY2012 is projected to be 3643.9 feet above sea level. This elevation corresponds to a live storage volume of 16.47 maf (68% of full capacity).

Upper Colorado River Basin Hydrology

Since water year 2005, hydrologic conditions in the Upper Colorado River Basin have been near average with significant variability from year to year. The unregulated inflow to Lake Powell, which is a good measure of the hydrologic condition in the Colorado River Basin, has averaged 10.98 maf (101% of average (period 1981-2010) per year during the period from 2005 through 2011. The hydrologic variability during this period has been from a low water year unregulated inflow of 8.62 maf (80% of average) in water year 2006 to a high of 15.97 maf (147% of average) which occurred in water year 2011.

Overall reservoir storage in the Colorado River Basin has increased by nearly 10 maf since the beginning of water year 2005 and this is a significant improvement over the drought conditions during water years 2000 through 2004. On October 1, 2004, the beginning of water year 2005, the total reservoir storage in the Colorado River Basin was 29.84 maf (50.2% of capacity). As of January 10, 2012 the total reservoir storage in the Colorado River Basin was 38.54 maf (64.8% of capacity).

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-430
125 SOUTH STATE STREET, ROOM 6107
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-3709

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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:	Obs			dec	Forecast			Outlook	
:	sep	oct	nov	dec	%Avg	jan	feb	mar	apr-jul %Avg
GLDA3:Lake Powell	457	513	509	359	99%:	375/	410/	575/	5050/: 71%
GBRW4:Fontenelle	49	50	46	35	109%:	32/	30/	45/	550/: 76%
GRNU1:Flaming Gorge	58	74	64	38	109%:	42/	42/	68/	760/: 78%
BMDC2:Blue Mesa	35	36	29	24	94%:	24/	21/	30/	450/: 67%
MPSC2:Morrow Point	36	37	30	25	90%:	25/	23/	33/	500/: 68%
CLSC2:Crystal	39	41	34	28	86%:	28/	27/	38/	555/: 66%
TPIC2:Taylor Park	7.2	7.3	5.2	4.1	87%:	3.8/	3.5/	4/	72/: 73%
VCRC2:Vallecito	7.6	14.8	8.6	5.3	84%:	4.5/	4/	7.2/	180/: 93%
NVRN5:Navajo	15.0	54	31	19.1	76%:	19/	24/	57/	650/: 88%
LEMC2:Lemon	1.76	2.8	1.49	1.00	91%:	0.9/	0.8/	1.5/	50/: 91%
MPHC2:McPhee	11.0	8.0	4.9	2.3	52%:	3/	3.3/	10/	235/: 80%
RBSC2:Ridgway	8.3	7.9	5.7	4.1	91%:	/	/	/	85/: 84%

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

January 2012 24-Month Study

Most Probable Inflow*

Fontenelle Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jan 2011	29	1	55	0	55	6482.87	183
H	Feb 2011	26	1	50	0	50	6478.35	158
I	Mar 2011	36	1	58	0	58	6473.74	136
S	Apr 2011	92	1	84	15	100	6471.99	128
T	May 2011	161	1	89	79	168	6470.20	120
O	Jun 2011	429	1	87	283	370	6481.96	178
R	Jul 2011	539	2	110	313	424	6498.87	290
I	Aug 2011	118	2	88	1	89	6502.38	317
C	Sep 2011	49	2	66	0	66	6499.90	298
	WY 2011	**1581**	**14**	**801**	**747**	**1549**		
A	Oct 2011	50	1	56	18	74	6496.55	273
L	Nov 2011	46	1	22	49	71	6492.84	247
*	Dec 2011	35	1	74	0	74	6486.86	207
	Jan 2012	32	1	74	0	74	6479.73	165
	Feb 2012	30	0	67	0	67	6472.08	128
	Mar 2012	45	0	72	0	72	6465.50	101
	Apr 2012	70	1	65	0	65	6466.53	105
	May 2012	120	1	68	0	68	6477.97	156
	Jun 2012	235	2	90	0	90	6500.03	299
	Jul 2012	125	3	78	0	78	6505.71	343
	Aug 2012	61	2	71	0	71	6504.25	332
	Sep 2012	41	2	69	0	69	6500.44	302
	WY 2012	**891**	**15**	**805**	**67**	**872**		
	Oct 2012	49	1	71	0	71	6497.22	278
	Nov 2012	42	1	69	0	69	6493.34	251
	Dec 2012	32	1	71	0	71	6487.33	211
	Jan 2013	30	1	71	0	71	6480.40	169
	Feb 2013	28	0	64	0	64	6472.90	132
	Mar 2013	53	0	71	0	71	6468.45	113
	Apr 2013	85	1	83	0	83	6468.94	115
	May 2013	164	1	98	6	104	6481.16	173
	Jun 2013	299	2	102	69	171	6500.01	299
	Jul 2013	178	3	101	29	130	6505.76	344
	Aug 2013	77	2	88	0	88	6504.05	330
	Sep 2013	46	2	69	0	69	6500.83	305
	WY 2013	**1082**	**15**	**960**	**104**	**1064**		
	Oct 2013	49	1	71	0	71	6497.71	282
	Nov 2013	42	1	68	0	68	6493.94	255
	Dec 2013	32	1	71	0	71	6488.05	215

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2115

Processed On:1/12/2012 7:47:12AM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

January 2012 24-Month Study

Most Probable Inflow*

Flaming Gorge Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	Jan 2011	44	70	2	68	0	68	125	6023.69	3112	525
H	Feb 2011	36	60	2	67	0	67	125	6023.47	3104	489
I	Mar 2011	98	120	3	59	0	59	127	6024.99	3160	181
S	Apr 2011	159	166	5	172	0	172	127	6024.71	3150	472
T	May 2011	327	334	8	279	47	326	127	6024.73	3150	1108
O	Jun 2011	667	608	10	254	173	427	133	6029.11	3315	1570
R	Jul 2011	771	656	14	263	94	357	144	6036.07	3590	908
I	Aug 2011	144	115	13	148	0	148	142	6034.95	3544	243
C	Sep 2011	58	76	11	144	0	144	139	6033.03	3467	200
	WY 2011	**2414**	**2381**	**80**	**1661**	**314**	**1975**				**6029**
A	Oct 2011	74	97	7	120	0	121	138	6032.27	3437	187
L	Nov 2011	64	89	4	88	0	88	138	6032.21	3435	144
*	Dec 2011	38	77	2	108	0	108	137	6031.41	3404	150
	Jan 2012	42	84	2	148	0	148	134	6029.78	3341	148
	Feb 2012	42	79	2	138	0	138	132	6028.23	3281	138
	Mar 2012	68	95	3	122	0	122	131	6027.46	3252	122
	Apr 2012	105	100	5	118	0	118	130	6026.90	3231	118
	May 2012	175	123	8	161	0	161	128	6025.71	3186	161
	Jun 2012	325	180	10	197	0	197	127	6025.01	3161	197
	Jul 2012	155	108	13	80	0	80	128	6025.40	3175	80
	Aug 2012	73	82	12	80	0	80	127	6025.15	3166	80
	Sep 2012	50	78	11	77	0	77	127	6024.88	3156	77
	WY 2012	**1211**	**1192**	**79**	**1437**	**1**	**1437**				**1601**
	Oct 2012	59	82	7	80	0	80	127	6024.74	3151	80
	Nov 2012	51	78	3	77	0	77	127	6024.67	3148	77
	Dec 2012	35	74	2	80	0	80	126	6024.48	3141	80
	Jan 2013	40	81	2	80	0	80	126	6024.47	3141	80
	Feb 2013	45	81	2	72	0	72	127	6024.66	3147	72
	Mar 2013	102	121	3	80	0	80	128	6025.65	3184	80
	Apr 2013	134	131	5	77	0	77	130	6026.90	3231	77
	May 2013	245	185	8	119	0	119	132	6028.38	3287	119
	Jun 2013	390	262	10	205	0	205	134	6029.54	3331	205
	Jul 2013	210	163	14	98	0	98	136	6030.80	3380	98
	Aug 2013	89	100	13	98	0	98	135	6030.52	3369	98
	Sep 2013	55	78	11	95	0	95	134	6029.82	3342	95
	WY 2013	**1455**	**1437**	**80**	**1163**	**0**	**1163**				**1163**
	Oct 2013	59	81	7	98	0	98	133	6029.20	3318	98
	Nov 2013	51	77	3	95	0	95	133	6028.67	3298	95
	Dec 2013	35	74	2	98	0	98	132	6027.99	3272	98

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2115

Processed On: 1/12/2012 7:47:12AM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

January 2012 24-Month Study

Most Probable Inflow*

Taylor Park Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jan 2011	5	5	9312.70	74
H	Feb 2011	4	4	9312.51	74
I	Mar 2011	5	6	9311.89	73
S	Apr 2011	7	8	9311.44	72
T	May 2011	22	33	9304.21	61
O	Jun 2011	65	28	9326.09	98
R	Jul 2011	37	39	9325.07	96
I	Aug 2011	12	24	9318.44	84
C	Sep 2011	7	20	9310.68	71
	WY 2011	**179**	**181**		
A	Oct 2011	7	9	9309.52	69
L	Nov 2011	5	6	9309.15	69
*	Dec 2011	4	6	9307.93	67
	Jan 2012	4	6	9306.49	64
	Feb 2012	4	6	9304.81	62
	Mar 2012	4	6	9303.43	60
	Apr 2012	7	8	9302.73	59
	May 2012	23	16	9307.47	66
	Jun 2012	31	20	9314.31	77
	Jul 2012	11	20	9308.77	68
	Aug 2012	7	20	9299.99	55
	Sep 2012	6	16	9292.27	45
	WY 2012	**113**	**139**		
	Oct 2012	7	10	9289.31	42
	Nov 2012	5	6	9288.49	41
	Dec 2012	5	6	9287.24	40
	Jan 2013	4	6	9285.64	38
	Feb 2013	4	6	9283.63	36
	Mar 2013	4	6	9281.99	35
	Apr 2013	9	8	9282.79	35
	May 2013	28	16	9294.19	48
	Jun 2013	42	20	9309.69	69
	Jul 2013	20	20	9309.78	70
	Aug 2013	10	20	9303.35	60
	Sep 2013	7	16	9297.02	51
	WY 2013	**146**	**140**		
	Oct 2013	7	10	9294.35	48
	Nov 2013	5	6	9293.61	47
	Dec 2013	5	6	9292.50	46

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2115

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

January 2012 24-Month Study

Most Probable Inflow*

Blue Mesa Reservoir

	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jan 2011	23	23	0	27	0	27	7486.34	553
H	Feb 2011	21	21	0	43	0	43	7483.46	532
I	Mar 2011	38	39	0	75	0	75	7478.48	495
S	Apr 2011	77	78	1	95	0	95	7475.97	477
T	May 2011	168	179	1	162	0	162	7478.26	493
O	Jun 2011	425	389	1	127	19	146	7508.73	735
R	Jul 2011	222	222	2	150	0	150	7516.80	806
I	Aug 2011	67	79	1	123	0	123	7511.67	760
C	Sep 2011	35	48	1	108	0	108	7504.54	699
	WY 2011	**1162**	**1163**	**8**	**1046**	**19**	**1065**		
A	Oct 2011	36	38	1	93	0	93	7497.84	644
L	Nov 2011	29	29	0	37	0	37	7496.82	635
*	Dec 2011	24	26	0	87	0	87	7489.07	574
	Jan 2012	24	26	0	50	0	50	7485.94	550
	Feb 2012	21	24	0	29	0	29	7485.18	544
	Mar 2012	30	32	0	34	0	34	7484.86	542
	Apr 2012	63	64	1	46	0	46	7487.14	559
	May 2012	147	140	1	80	0	80	7494.68	618
	Jun 2012	176	165	1	62	0	62	7506.99	720
	Jul 2012	64	73	1	100	0	100	7503.62	691
	Aug 2012	44	57	1	98	0	98	7498.55	649
	Sep 2012	32	42	1	78	0	78	7493.97	613
	WY 2012	**690**	**716**	**8**	**794**	**0**	**794**		
	Oct 2012	38	42	1	52	0	52	7492.59	602
	Nov 2012	31	32	0	29	0	29	7492.94	604
	Dec 2012	26	27	0	50	0	50	7490.00	581
	Jan 2013	24	26	0	61	0	61	7485.41	546
	Feb 2013	22	24	0	55	0	55	7481.27	515
	Mar 2013	36	38	0	44	0	44	7480.34	508
	Apr 2013	77	76	1	54	0	54	7483.27	530
	May 2013	221	209	1	107	0	107	7496.24	631
	Jun 2013	261	239	1	70	0	70	7515.98	799
	Jul 2013	117	117	2	111	0	111	7516.40	803
	Aug 2013	63	73	1	122	0	122	7510.76	752
	Sep 2013	38	47	1	113	0	113	7502.87	685
	WY 2013	**955**	**949**	**9**	**868**	**0**	**868**		
	Oct 2013	38	42	1	70	0	70	7499.37	656
	Nov 2013	31	32	0	40	0	40	7498.37	648
	Dec 2013	26	27	0	93	0	93	7490.00	581

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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January 2012 24-Month Study

Most Probable Inflow*

Morrow Point Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jan 2011	23	27	0	27	27	0	27	7153.70	112
H	Feb 2011	21	43	0	43	44	0	44	7152.08	111
I	Mar 2011	38	75	1	75	73	0	73	7154.37	113
S	Apr 2011	84	95	7	102	104	0	104	7152.20	111
T	May 2011	191	162	23	185	181	0	181	7156.18	114
O	Jun 2011	455	146	30	176	170	0	176	7155.72	114
R	Jul 2011	231	150	9	159	159	0	159	7155.22	113
I	Aug 2011	68	123	1	125	124	0	124	7155.77	114
C	Sep 2011	36	108	1	109	115	0	115	7148.00	108
	WY 2011	**1236**	**1065**	**74**	**1139**	**1133**	**0**	**1139**		
A	Oct 2011	37	93	1	94	91	0	91	7151.08	110
L	Nov 2011	30	37	2	39	38	0	38	7151.73	110
*	Dec 2011	25	87	0	88	85	0	85	7154.97	113
	Jan 2012	25	50	1	51	52	0	52	7153.73	112
	Feb 2012	23	29	2	31	31	0	31	7153.73	112
	Mar 2012	33	34	3	37	37	0	37	7153.73	112
	Apr 2012	73	46	10	56	56	0	56	7153.73	112
	May 2012	164	80	17	97	97	0	97	7153.73	112
	Jun 2012	193	62	17	79	79	0	79	7153.73	112
	Jul 2012	70	100	6	106	106	0	106	7153.73	112
	Aug 2012	48	98	3	101	101	0	101	7153.73	112
	Sep 2012	35	78	3	81	81	0	81	7153.73	112
	WY 2012	**755**	**794**	**65**	**859**	**854**	**0**	**854**		
	Oct 2012	41	52	3	55	55	0	55	7153.73	112
	Nov 2012	33	29	2	31	31	0	31	7153.73	112
	Dec 2012	28	50	2	52	52	0	52	7153.73	112
	Jan 2013	27	61	2	63	63	0	63	7153.73	112
	Feb 2013	25	55	3	58	58	0	58	7153.73	112
	Mar 2013	40	44	4	48	48	0	48	7153.73	112
	Apr 2013	88	54	11	65	65	0	65	7153.73	112
	May 2013	247	107	26	133	133	0	133	7153.73	112
	Jun 2013	281	70	20	90	90	0	90	7153.73	112
	Jul 2013	123	111	6	118	118	0	118	7153.73	112
	Aug 2013	67	122	3	125	125	0	125	7153.73	112
	Sep 2013	41	113	3	116	116	0	116	7153.73	112
	WY 2013	**1040**	**868**	**85**	**953**	**953**	**0**	**953**		
	Oct 2013	41	70	3	73	73	0	73	7153.73	112
	Nov 2013	33	40	2	42	42	0	42	7153.73	112
	Dec 2013	28	93	2	96	96	0	96	7153.73	112

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Managing Water in the West

January 2012 24-Month Study

Most Probable Inflow*

Crystal Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
*	Jan 2011	27	27	4	31	30	1	31	6749.02	16	1	30
H	Feb 2011	24	44	3	47	24	23	46	6751.55	17	1	47
I	Mar 2011	43	73	5	78	78	0	78	6751.94	17	5	76
S	Apr 2011	92	104	8	112	110	2	112	6752.03	17	38	79
T	May 2011	204	181	13	195	126	68	194	6753.39	17	63	137
O	Jun 2011	516	176	61	237	120	81	237	6752.90	17	62	183
R	Jul 2011	255	159	23	182	128	58	186	6739.47	13	62	136
I	Aug 2011	75	124	7	131	126	2	129	6748.39	16	66	70
C	Sep 2011	39	115	4	119	120	0	120	6744.21	14	64	62
	WY 2011	**1375**	**1139**	**139**	**1278**	**1008**	**235**	**1279**			**413**	**912**
A	Oct 2011	41	91	4	96	94	0	94	6749.65	16	53	44
L	Nov 2011	34	38	4	42	41	1	41	6751.53	17	1	41
*	Dec 2011	28	85	3	88	89	0	89	6750.95	16	1	90
	Jan 2012	28	52	3	55	54	0	54	6753.04	17	0	54
	Feb 2012	27	31	4	35	35	0	35	6753.04	17	0	35
	Mar 2012	38	37	5	42	42	0	42	6753.04	17	5	37
	Apr 2012	83	56	10	66	66	0	66	6753.04	17	30	36
	May 2012	187	97	23	120	120	0	120	6753.04	17	55	65
	Jun 2012	210	79	17	96	96	0	96	6753.04	17	60	36
	Jul 2012	75	106	5	111	111	0	111	6753.04	17	65	46
	Aug 2012	52	101	5	106	106	0	106	6753.04	17	65	41
	Sep 2012	40	81	5	85	85	0	85	6753.04	17	55	30
	WY 2012	**843**	**854**	**88**	**942**	**939**	**1**	**940**			**389**	**556**
	Oct 2012	47	55	6	61	61	0	61	6753.04	17	30	31
	Nov 2012	38	31	5	36	36	0	36	6753.04	17	0	36
	Dec 2012	32	52	5	57	57	0	57	6753.04	17	0	57
	Jan 2013	31	63	5	68	68	0	68	6753.04	17	0	68
	Feb 2013	29	58	4	61	61	0	61	6753.04	17	0	61
	Mar 2013	46	48	6	54	54	0	54	6753.04	17	5	49
	Apr 2013	101	65	12	78	78	0	78	6753.04	17	30	48
	May 2013	281	133	34	167	134	33	167	6753.04	17	55	112
	Jun 2013	315	90	34	124	124	0	124	6753.04	17	60	64
	Jul 2013	138	118	14	132	132	0	132	6753.04	17	65	67
	Aug 2013	75	125	8	134	134	0	134	6753.04	17	65	69
	Sep 2013	47	116	6	122	122	0	122	6753.04	17	55	67
	WY 2013	**1180**	**953**	**140**	**1093**	**1060**	**33**	**1093**			**365**	**728**
	Oct 2013	47	73	6	79	79	0	79	6753.04	17	30	49
	Nov 2013	38	42	5	47	47	0	47	6753.04	17	0	47
	Dec 2013	32	96	5	100	100	0	100	6753.04	17	0	100

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

January 2012 24-Month Study

Most Probable Inflow*

Vallecito Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jan 2011	5	2	7642.53	70
H	Feb 2011	4	2	7643.62	72
I	Mar 2011	7	2	7645.67	77
S	Apr 2011	22	4	7653.10	95
T	May 2011	44	27	7659.70	111
O	Jun 2011	79	64	7664.94	125
R	Jul 2011	23	39	7658.78	109
I	Aug 2011	9	37	7647.29	81
C	Sep 2011	8	29	7637.58	59
	WY 2011	**225**	**222**		
A	Oct 2011	15	9	7640.42	65
L	Nov 2011	9	2	7643.33	72
*	Dec 2011	5	2	7644.76	75
	Jan 2012	5	3	7645.27	76
	Feb 2012	4	3	7645.68	77
	Mar 2012	7	3	7647.38	81
	Apr 2012	23	3	7655.48	100
	May 2012	66	47	7662.65	119
	Jun 2012	67	60	7664.96	125
	Jul 2012	24	42	7658.08	107
	Aug 2012	18	38	7649.74	86
	Sep 2012	16	30	7643.93	73
	WY 2012	**258**	**241**		
	Oct 2012	16	17	7643.14	71
	Nov 2012	9	5	7644.84	75
	Dec 2012	6	5	7645.40	76
	Jan 2013	5	5	7645.56	77
	Feb 2013	5	4	7645.69	77
	Mar 2013	9	3	7647.99	82
	Apr 2013	23	3	7656.17	102
	May 2013	71	55	7662.49	119
	Jun 2013	70	63	7664.91	125
	Jul 2013	29	42	7659.98	112
	Aug 2013	20	38	7652.71	94
	Sep 2013	17	30	7647.50	81
	WY 2013	**281**	**269**		
	Oct 2013	16	19	7646.03	78
	Nov 2013	9	8	7646.39	78
	Dec 2013	6	3	7647.67	81

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Managing Water in the West

January 2012 24-Month Study

Most Probable Inflow*

Navajo Reservoir

	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azetea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Farmington Flow (1000 Ac-Ft)
*	Jan 2011	16	0	13	1	1	31	6059.58	1342	50
H	Feb 2011	18	0	15	1	1	28	6058.41	1328	45
I	Mar 2011	41	2	35	2	4	31	6058.28	1326	46
S	Apr 2011	115	14	84	2	19	31	6060.75	1357	44
T	May 2011	172	22	134	4	28	32	6066.13	1428	79
O	Jun 2011	252	43	193	4	42	113	6068.65	1462	295
R	Jul 2011	40	8	46	5	48	31	6065.88	1424	98
I	Aug 2011	3	2	29	4	47	46	6060.64	1356	47
C	Sep 2011	15	2	35	3	20	40	6058.35	1327	
	WY 2011	**737**	**93**	**641**	**28**	**220**	**478**			**838**
A	Oct 2011	54	4	44	2	10	33	6058.32	1327	55
L	Nov 2011	31	1	23	1	0	21	6058.38	1327	47
*	Dec 2011	19	0	16	1	1	30	6057.10	1311	57
	Jan 2012	19	0	18	1	0	31	6056.00	1298	31
	Feb 2012	24	0	23	1	0	29	6055.47	1291	29
	Mar 2012	57	2	51	2	2	31	6056.86	1308	31
	Apr 2012	144	16	108	2	17	30	6061.57	1368	30
	May 2012	248	37	192	4	31	48	6069.77	1477	48
	Jun 2012	199	27	165	5	46	92	6071.38	1500	92
	Jul 2012	59	4	72	5	51	32	6070.30	1485	32
	Aug 2012	42	0	62	4	43	57	6067.20	1442	57
	Sep 2012	42	0	55	3	24	42	6066.09	1427	42
	WY 2012	**937**	**91**	**830**	**29**	**225**	**476**			**550**
	Oct 2012	47	0	48	2	6	34	6066.53	1433	34
	Nov 2012	34	0	29	1	0	30	6066.43	1432	30
	Dec 2012	25	0	24	1	0	31	6065.85	1424	31
	Jan 2013	22	0	21	1	0	31	6065.11	1414	31
	Feb 2013	30	0	30	1	0	28	6065.20	1415	28
	Mar 2013	92	3	84	2	2	31	6068.89	1465	31
	Apr 2013	170	15	135	3	17	34	6074.71	1547	34
	May 2013	277	37	223	4	32	200	6073.79	1534	200
	Jun 2013	224	31	185	5	47	212	6068.15	1455	212
	Jul 2013	66	6	73	5	52	35	6066.75	1436	35
	Aug 2013	45	2	61	4	44	43	6064.51	1406	43
	Sep 2013	43	0	55	3	25	35	6063.89	1398	35
	WY 2013	**1075**	**95**	**969**	**29**	**225**	**744**			**744**
	Oct 2013	47	1	49	2	6	33	6064.48	1406	33
	Nov 2013	34	1	32	1	0	30	6064.56	1407	30
	Dec 2013	25	0	22	1	0	31	6063.84	1397	31

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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Most Probable Inflow*

Lake Powell

	Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry (1000 Ac-Ft)
*	Jan 2011	259	307	9	997	0	997	3620.55	5159	13822	1015
H	Feb 2011	280	340	10	964	0	964	3614.95	5112	13235	984
I	Mar 2011	581	583	16	1033	0	1033	3610.73	5078	12804	1055
S	Apr 2011	1136	1096	25	940	0	940	3611.93	5088	12926	965
T	May 2011	2440	2467	30	1171	0	1171	3623.13	5182	14098	1207
O	Jun 2011	5203	4661	54	1377	0	1377	3648.98	5421	17089	1419
R	Jul 2011	3767	3195	74	1483	0	1483	3660.86	5542	18605	1532
I	Aug 2011	664	780	74	1479	0	1479	3655.34	5485	17890	1530
C	Sep 2011	456	669	67	922	0	922	3653.01	5461	17593	957
	WY 2011	**15971**	**15498**	**467**	**12518**	**0**	**12518**				**12856**
A	Oct 2011	513	630	45	956	0	956	3650.27	5434	17249	984
L	Nov 2011	509	533	43	1099	0	1099	3645.69	5389	16685	1124
*	Dec 2011	359	487	33	1223	0	1223	3639.74	5331	15972	1252
	Jan 2012	375	519	10	850	0	850	3637.04	5306	15656	850
	Feb 2012	410	519	11	650	0	650	3635.90	5296	15525	650
	Mar 2012	575	611	19	600	0	600	3635.84	5295	15517	600
	Apr 2012	800	714	30	600	0	600	3636.51	5301	15595	600
	May 2012	1550	1337	36	600	0	600	3642.03	5353	16244	600
	Jun 2012	1960	1684	57	719	0	719	3648.94	5420	17084	719
	Jul 2012	740	729	70	890	0	890	3647.21	5403	16871	890
	Aug 2012	393	512	68	800	0	800	3644.50	5377	16541	800
	Sep 2012	364	462	62	476	0	476	3643.92	5371	16470	476
	WY 2012	**8547**	**8735**	**484**	**9464**	**0**	**9464**				**9544**
	Oct 2012	512	541	43	491	0	491	3643.97	5372	16476	491
	Nov 2012	473	494	41	600	0	600	3642.83	5361	16339	600
	Dec 2012	363	437	33	800	0	800	3639.75	5332	15973	800
	Jan 2013	361	446	10	800	0	800	3636.87	5305	15636	800
	Feb 2013	393	451	11	600	0	600	3635.59	5293	15488	600
	Mar 2013	665	594	19	600	0	600	3635.39	5291	15465	600
	Apr 2013	1056	871	29	800	0	800	3635.72	5294	15504	800
	May 2013	2343	2095	36	840	0	840	3645.26	5384	16633	840
	Jun 2013	2666	2358	59	1070	0	1070	3654.41	5475	17771	1070
	Jul 2013	1091	1000	72	1200	0	1200	3652.42	5455	17519	1200
	Aug 2013	500	612	70	1079	0	1079	3648.43	5415	17022	1079
	Sep 2013	408	541	64	800	0	800	3646.00	5391	16723	800
	WY 2013	**10831**	**10440**	**488**	**9680**	**0**	**9680**				**9680**
	Oct 2013	512	577	44	600	0	600	3645.49	5387	16661	600
	Nov 2013	473	523	42	600	0	600	3644.58	5378	16550	600
	Dec 2013	363	500	33	800	0	800	3642.01	5353	16242	800

* Based on the Colorado River Basin Forecast Center'sMost Probable Water Supply Forecast

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Managing Water in the West

January 2012 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Glen Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Jan 2011	997	74	31	540	8.8	8	526	700	1091.73	10765
H	Feb 2011	964	84	29	635	11.4	9	616	723	1095.78	11117
I	Mar 2011	1033	77	33	1006	16.4	15	1002	726	1096.39	11170
S	Apr 2011	940	140	40	1078	18.1	20	1066	722	1095.76	11115
T	May 2011	1171	104	47	1001	16.3	25	997	735	1097.90	11304
O	Jun 2011	1377	72	57	939	15.8	25	938	761	1102.38	11705
R	Jul 2011	1483	74	73	1001	16.3	26	1000	789	1107.07	12133
I	Aug 2011	1479	96	80	831	13.5	28	829	827	1113.45	12730
C	Sep 2011	922	96	67	670	11.3	18	668	844	1116.04	12977
	WY 2011	**12518**	**1157**	**578**	**9799**		**225**	**9676**			
A	Oct 2011	956	65	49	443	7.2	19	436	875	1121.00	13456
L	Nov 2011	1099	36	50	564	9.5	13	561	906	1125.82	13933
*	Dec 2011	1223	84	45	497	8.1	8	483	952	1132.83	14644
	Jan 2012	850	76	37	703	11.4	16	703	962	1134.38	15043
	Feb 2012	650	92	34	688	12.0	15	688	963	1134.43	15048
	Mar 2012	600	80	38	947	15.4	18	947	943	1131.47	14744
	Apr 2012	600	60	46	1121	18.8	16	1121	911	1126.60	14252
	May 2012	600	49	52	1024	16.7	27	1024	883	1122.29	13825
	Jun 2012	719	23	62	941	15.8	24	941	866	1119.55	13557
	Jul 2012	890	50	78	870	14.1	28	870	864	1119.21	13525
	Aug 2012	800	109	82	814	13.2	28	814	863	1119.05	13509
	Sep 2012	476	70	68	729	12.3	18	729	846	1116.43	13256
	WY 2012	**9464**	**792**	**643**	**9342**		**229**	**9318**			
	Oct 2012	491	59	49	498	8.1	21	498	845	1116.26	13240
	Nov 2012	600	48	49	538	9.0	18	538	848	1116.67	13279
	Dec 2012	800	99	43	498	8.1	15	498	869	1120.00	13602
	Jan 2013	800	76	35	696	11.3	16	696	876	1121.24	13722
	Feb 2013	600	92	32	702	12.6	15	702	873	1120.69	13668
	Mar 2013	600	80	36	1040	16.9	21	1040	847	1116.64	13277
	Apr 2013	800	60	44	1128	19.0	17	1128	827	1113.40	12968
	May 2013	840	49	50	1018	16.6	28	1018	812	1110.95	12736
	Jun 2013	1070	23	60	945	15.9	23	945	817	1111.65	12802
	Jul 2013	1200	50	76	936	15.2	25	936	830	1113.77	13003
	Aug 2013	1079	109	81	845	13.7	27	845	844	1116.08	13222
	Sep 2013	800	70	67	673	11.3	19	673	851	1117.15	13326
	WY 2013	**9680**	**815**	**622**	**9518**		**246**	**9518**			
	Oct 2013	600	59	49	454	7.4	23	454	859	1118.45	13451
	Nov 2013	600	48	49	546	9.2	22	546	861	1118.75	13480
	Dec 2013	800	99	43	480	7.8	18	480	883	1122.20	13817

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

January 2012 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Jan 2011	540	-7	10	502	0	502	8.2	641.95	1670
H	Feb 2011	635	-10	10	586	0	586	10.5	643.01	1699
I	Mar 2011	1006	-11	13	976	0	976	15.9	643.23	1705
S	Apr 2011	1078	-13	17	1047	0	1047	17.6	643.30	1707
T	May 2011	1001	-10	22	949	0	949	15.4	644.04	1727
O	Jun 2011	939	-9	25	954	0	954	16.0	642.27	1679
R	Jul 2011	1001	-10	25	943	0	943	15.3	643.11	1702
I	Aug 2011	831	-6	23	822	0	822	13.4	642.38	1682
C	Sep 2011	670	-6	18	717	0	717	12.1	639.73	1610
	WY 2011	**9799**	**-120**	**198**	**9446**	**0**	**9446**			
A	Oct 2011	443	7	15	611	0	611	9.9	633.03	1435
L	Nov 2011	564	-11	10	466	0	466	7.8	635.99	1511
*	Dec 2011	497	-28	9	385	0	385	6.3	638.82	1586
	Jan 2012	703	-17	10	605	0	605	9.8	641.50	1658
	Feb 2012	688	-6	10	659	0	659	11.5	642.00	1671
	Mar 2012	947	-15	13	890	0	890	14.5	643.05	1700
	Apr 2012	1121	-15	17	1091	0	1091	18.3	643.00	1699
	May 2012	1024	-10	22	992	0	992	16.1	643.00	1699
	Jun 2012	941	-6	25	937	0	937	15.7	642.00	1671
	Jul 2012	870	1	25	859	0	859	14.0	641.50	1658
	Aug 2012	814	-5	23	787	0	787	12.8	641.50	1658
	Sep 2012	729	1	18	806	0	806	13.5	638.00	1564
	WY 2012	**9342**	**-103**	**197**	**9088**	**0**	**9088**			
	Oct 2012	498	3	14	680	0	680	11.1	630.49	1371
	Nov 2012	538	-10	10	404	0	404	6.8	635.00	1486
	Dec 2012	498	-13	9	379	0	379	6.2	638.71	1583
	Jan 2013	696	-17	10	587	0	587	9.5	641.80	1666
	Feb 2013	702	-6	10	687	0	687	12.4	641.80	1666
	Mar 2013	1040	-15	13	978	0	978	15.9	643.05	1700
	Apr 2013	1128	-15	17	1098	0	1098	18.5	643.00	1699
	May 2013	1018	-10	22	985	0	985	16.0	643.00	1699
	Jun 2013	945	-6	25	941	0	941	15.8	642.00	1671
	Jul 2013	936	1	25	925	0	925	15.0	641.50	1658
	Aug 2013	845	-5	23	818	0	818	13.3	641.50	1658
	Sep 2013	673	1	18	750	0	750	12.6	638.00	1564
	WY 2013	**9518**	**-91**	**196**	**9230**	**0**	**9230**			
	Oct 2013	454	3	15	572	0	572	9.3	633.00	1434
	Nov 2013	546	-10	10	475	0	475	8.0	635.00	1486
	Dec 2013	480	-13	9	361	0	361	5.9	638.71	1583

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

January 2012 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	Jan 2011	502	8	6	391	6.4	52	89	446.40	550	141	2.3
H	Feb 2011	586	15	8	415	7.5	23	135	447.29	567	173	3.1
I	Mar 2011	976	6	9	694	11.3	71	181	448.06	581	199	3.2
S	Apr 2011	1047	18	11	786	13.2	71	180	448.54	590	204	3.4
T	May 2011	949	17	13	691	11.2	83	167	448.68	593	115	1.9
O	Jun 2011	954	14	15	708	11.9	96	155	447.73	575	120	2.0
R	Jul 2011	943	34	17	762	12.4	100	77	448.22	584	127	2.1
I	Aug 2011	822	25	17	669	10.9	91	60	448.13	583	97	1.6
C	Sep 2011	717	30	15	538	9.0	83	102	448.28	585	91	1.5
	WY 2011	**9446**	**263**	**140**	**6837**		**964**	**1652**			**1634**	
A	Oct 2011	611	31	12	472	7.7	8	149	447.97	579	62	1.0
L	Nov 2011	466	37	9	321	5.4	7	175	447.32	567	93	1.6
*	Dec 2011	385	28	6	267	4.3	15	151	445.69	537	108	1.7
	Jan 2012	605	15	6	349	5.7	53	183	447.00	561	130	2.1
	Feb 2012	659	6	8	455	7.9	49	138	447.50	571	158	2.8
	Mar 2012	890	22	9	685	11.1	20	184	447.80	576	187	3.0
	Apr 2012	1091	18	11	798	13.4	96	178	448.70	593	205	3.5
	May 2012	992	13	13	698	11.4	99	183	448.70	593	112	1.8
	Jun 2012	937	9	16	678	11.4	96	143	448.70	593	114	1.9
	Jul 2012	859	15	17	734	11.9	99	23	448.00	580	115	1.9
	Aug 2012	787	18	17	643	10.5	99	42	447.50	571	105	1.7
	Sep 2012	806	15	15	560	9.4	96	154	446.81	557	102	1.7
	WY 2012	**9088**	**229**	**140**	**6661**		**738**	**1703**			**1491**	
	Oct 2012	680	20	12	440	7.2	66	184	446.31	548	64	1.0
	Nov 2012	404	26	8	375	6.3	13	23	446.50	552	102	1.7
	Dec 2012	379	21	6	272	4.4	13	103	446.50	552	106	1.7
	Jan 2013	587	15	6	356	5.8	94	141	446.50	552	122	2.0
	Feb 2013	687	6	8	461	8.3	84	135	446.50	552	153	2.8
	Mar 2013	978	22	9	708	11.5	94	178	446.70	555	208	3.4
	Apr 2013	1098	18	11	796	13.4	90	172	448.70	593	200	3.4
	May 2013	985	13	13	703	11.4	94	178	448.70	593	111	1.8
	Jun 2013	941	9	16	676	11.4	90	155	448.70	593	112	1.9
	Jul 2013	925	15	17	730	11.9	94	98	448.00	580	118	1.9
	Aug 2013	818	18	17	625	10.2	94	97	447.50	571	92	1.5
	Sep 2013	750	15	15	530	8.9	77	147	446.81	557	89	1.5
	WY 2013	**9230**	**199**	**139**	**6670**		**903**	**1614**			**1477**	
	Oct 2013	572	20	12	442	7.2	29	110	446.31	548	72	1.2
	Nov 2013	475	26	8	375	6.3	30	77	446.50	552	105	1.8
	Dec 2013	361	21	6	284	4.6	30	56	446.50	552	118	1.9

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

January 2012 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Jan 2011	540	8.8	1091.73	10765	463	446.84	1103.0	200.9	69	372.4
H	Feb 2011	635	11.4	1095.78	11117	353	447.78	1414.0	244.7	88	385.7
I	Mar 2011	1006	16.4	1096.39	11170	54	449.79	1232.0	398.2	75	395.8
S	Apr 2011	1078	18.1	1095.76	11115	-55	449.53	1157.0	430.9	70	399.6
T	May 2011	1001	16.3	1097.90	11304	189	452.71	1468.0	394.5	88	393.9
O	Jun 2011	939	15.8	1102.38	11705	401	457.87	1661.0	372.1	100	396.2
R	Jul 2011	1001	16.3	1107.07	12133	429	462.21	1698.0	403.2	100	402.6
I	Aug 2011	831	13.5	1113.45	12730	597	469.04	1721.0	338.8	100	407.7
C	Sep 2011	670	11.3	1116.04	12977	247	473.88	1757.0	272.0	100	406.1
	WY 2011	**9799**							**3848.4**		
A	Oct 2011		7.2	1121.00	13456	479	478.70	1311.0	178.9	74	
L	Nov 2011	564	9.5	1125.82	13933	477	481.61	1110.0	233.8	61	414.3
*	Dec 2011	497	8.1	1132.83	14644	711	488.04	1374.0	207.2	75	417.3
	Jan 2012	703	11.4	1134.38	15043	159	485.90	1146.0	305.3	61	434.1
	Feb 2012	688	12.0	1134.43	15048	5	484.96	1291.0	298.4	68	433.9
	Mar 2012	947	15.4	1131.47	14744	-304	482.20	1421.0	413.4	75	436.6
	Apr 2012	1121	18.8	1126.60	14252	-492	477.90	1433.0	493.1	76	439.7
	May 2012	1024	16.7	1122.29	13825	-427	472.75	1536.0	435.4	81	425.2
	Jun 2012	941	15.8	1119.55	13557	-268	467.47	1904.0	395.2	100	420.1
	Jul 2012	870	14.1	1119.21	13525	-33	466.42	1917.0	367.2	100	422.1
	Aug 2012	814	13.2	1119.05	13509	-16	466.34	1916.0	341.0	100	418.7
	Sep 2012	729	12.3	1116.43	13256	-253	466.10	1917.0	302.2	100	414.4
	WY 2012	**8899**							**3971.2**		
	Oct 2012	498	8.1	1116.26	13240	-16	467.82	1760.0	205.5	91	412.5
	Nov 2012	538	9.0	1116.67	13279	40	471.83	1505.0	220.9	78	410.3
	Dec 2012	498	8.1	1120.00	13602	322	471.01	1517.0	207.3	78	416.2
	Jan 2013	696	11.3	1121.24	13722	121	471.02	1528.0	290.3	78	417.2
	Feb 2013	702	12.6	1120.69	13668	-54	471.62	1310.0	300.1	67	427.5
	Mar 2013	1040	16.9	1116.64	13277	-391	467.28	1584.0	438.4	82	421.6
	Apr 2013	1128	19.0	1113.40	12968	-310	462.58	1694.0	477.1	88	422.8
	May 2013	1018	16.6	1110.95	12736	-231	458.45	1922.0	415.2	100	407.9
	Jun 2013	945	15.9	1111.65	12802	66	457.90	1922.0	389.8	100	412.6
	Jul 2013	936	15.2	1113.77	13003	201	459.80	1922.0	385.4	100	411.8
	Aug 2013	845	13.7	1116.08	13222	220	462.16	1922.0	352.8	100	417.4
	Sep 2013	673	11.3	1117.15	13326	103	464.98	1922.0	275.3	100	408.9
	WY 2013	**9518**							**3958.1**		
	Oct 2013	454	7.4	1118.45	13451	125	469.27	1750.0	185.2	91	408.1
	Nov 2013	546	9.2	1118.75	13480	29	473.14	1499.5	225.0	78	412.1
	Dec 2013	480	7.8	1122.20	13817	337	473.14	1499.8	199.5	78	415.5

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

January 2012 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Jan 2011	502	8.2	641.95	1670	20	140.42	153.0	63.3	60	125.9
H	Feb 2011	586	10.5	643.01	1699	29	139.78	181.1	73.6	71	125.6
I	Mar 2011	976	15.9	643.23	1705	6	138.82	204.0	123.0	80	126.0
S	Apr 2011	1047	17.6	643.30	1707	2	141.68	227.0	131.6	89	125.7
T	May 2011	949	15.4	644.04	1727	20	142.61	255.0	120.3	100	126.8
O	Jun 2011	954	16.0	642.27	1679	-48	140.41	249.9	120.6	98	126.4
R	Jul 2011	943	15.3	643.11	1702	23	143.18	255.0	119.3	100	126.5
I	Aug 2011	822	13.4	642.38	1682	-20	140.95	255.0	103.5	100	125.9
C	Sep 2011	717	12.1	639.73	1610	-72	137.99	255.0	90.2	100	125.8
	WY 2011	**9446**							**1182.3**		
A	Oct 2011	611	9.9	633.03	1435	-175	133.41	181.1	74.4	71	121.8
L	Nov 2011	466	7.8	635.99	1511	76	134.28	170.9	57.0	67	122.2
*	Dec 2011	385	6.3	638.82	1586	74	135.59	173.4	48.1	68	124.9
	Jan 2012	605	9.8	641.50	1658	72	135.60	170.9	75.3	67	124.5
	Feb 2012	659	11.5	642.00	1671	14	137.46	163.2	82.6	64	125.3
	Mar 2012	890	14.5	643.05	1700	29	135.89	242.3	111.3	95	125.0
	Apr 2012	1091	18.3	643.00	1699	-2	136.07	255.0	135.7	100	124.3
	May 2012	992	16.1	643.00	1699	0	136.04	255.0	123.9	100	124.9
	Jun 2012	937	15.7	642.00	1671	-27	135.51	255.0	116.7	100	124.6
	Jul 2012	859	14.0	641.50	1658	-14	134.73	255.0	106.9	100	124.5
	Aug 2012	787	12.8	641.50	1658	0	134.46	255.0	98.1	100	124.6
	Sep 2012	806	13.5	638.00	1564	-94	132.62	255.0	99.0	100	122.8
	WY 2012	**9088**							**1128.9**		
	Oct 2012	680	11.1	630.49	1371	-193	127.85	219.3	80.7	86	118.7
	Nov 2012	404	6.8	635.00	1486	115	125.53	244.8	48.1	96	119.0
	Dec 2012	379	6.2	638.71	1583	97	130.29	229.5	46.6	90	123.0
	Jan 2013	587	9.5	641.80	1666	83	134.09	221.9	73.1	87	124.7
	Feb 2013	687	12.4	641.80	1666	0	136.08	209.1	85.9	82	125.1
	Mar 2013	978	15.9	643.05	1700	34	135.86	239.7	121.7	94	124.5
	Apr 2013	1098	18.5	643.00	1699	-2	136.07	255.0	136.5	100	124.3
	May 2013	985	16.0	643.00	1699	0	136.04	255.0	123.1	100	125.0
	Jun 2013	941	15.8	642.00	1671	-27	135.51	255.0	117.2	100	124.6
	Jul 2013	925	15.0	641.50	1658	-14	134.73	255.0	114.8	100	124.1
	Aug 2013	818	13.3	641.50	1658	0	134.46	255.0	101.8	100	124.5
	Sep 2013	750	12.6	638.00	1564	-94	132.62	255.0	92.3	100	123.1
	WY 2013	**9230**							**1141.8**		
	Oct 2013	572	9.3	633.00	1434	-130	129.17	219.3	68.9	86	120.5
	Nov 2013	475	8.0	635.00	1486	51	126.85	244.8	56.8	96	119.7
	Dec 2013	361	5.9	638.71	1583	97	130.29	229.5	44.4	90	123.1

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

January 2012 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Jan 2011	391	6.4	446.40	550	-32	80.10	97.2	26.8	81	68.6
H	Feb 2011	415	7.5	447.29	567	17	76.83	90.0	29.3	75	70.7
I	Mar 2011	694	11.3	448.06	581	15	80.18	112.8	47.4	94	68.4
S	Apr 2011	786	13.2	448.54	590	9	82.13	120.0	54.4	100	69.1
T	May 2011	691	11.2	448.68	593	3	80.58	120.0	47.9	100	69.3
O	Jun 2011	708	11.9	447.73	575	-18	81.68	114.0	49.9	95	70.4
R	Jul 2011	762	12.4	448.22	584	9	81.72	116.4	51.6	97	67.7
I	Aug 2011	669	10.9	448.13	583	-2	82.04	120.0	46.1	100	68.9
C	Sep 2011	538	9.0	448.28	585	3	82.16	120.0	39.4	100	73.2
	WY 2011	**6837**							**474.2**		
A	Oct 2011	472	7.7	447.97	579	-6	81.92	92.4	31.5	77	66.8
L	Nov 2011	321	5.4	447.32	567	-12	80.93	102.0	22.1	85	69.1
*	Dec 2011	267	4.3	445.69	537	-30	81.08	67.2	17.7	56	66.2
	Jan 2012	349	5.7	447.00	561	24	76.59	66.0	22.9	55	65.5
	Feb 2012	455	7.9	447.50	571	9	75.80	94.8	29.9	79	65.7
	Mar 2012	685	11.1	447.80	576	6	76.07	97.2	45.7	81	66.7
	Apr 2012	798	13.4	448.70	593	17	75.61	120.0	53.0	100	66.4
	May 2012	698	11.4	448.70	593	0	76.05	120.0	46.4	100	66.5
	Jun 2012	678	11.4	448.70	593	0	76.05	120.0	45.1	100	66.5
	Jul 2012	734	11.9	448.00	580	-13	75.71	120.0	48.7	100	66.3
	Aug 2012	643	10.5	447.50	571	-10	75.13	120.0	42.2	100	65.6
	Sep 2012	560	9.4	446.81	557	-13	74.55	120.0	36.4	100	64.9
	WY 2012	**6661**							**441.6**		
	Oct 2012	440	7.2	446.31	548	-9	74.77	102.0	28.4	85	64.6
	Nov 2012	375	6.3	446.50	552	3	74.62	102.0	24.0	85	64.1
	Dec 2012	272	4.4	446.50	552	0	74.71	102.0	17.0	85	62.7
	Jan 2013	356	5.8	446.50	552	0	74.71	102.0	22.7	85	63.8
	Feb 2013	461	8.3	446.50	552	0	73.92	120.0	29.6	100	64.2
	Mar 2013	708	11.5	446.70	555	4	74.01	120.0	45.9	100	64.9
	Apr 2013	796	13.4	448.70	593	38	75.08	120.0	52.5	100	66.0
	May 2013	703	11.4	448.70	593	0	76.05	120.0	46.7	100	66.5
	Jun 2013	676	11.4	448.70	593	0	76.05	120.0	44.9	100	66.5
	Jul 2013	730	11.9	448.00	580	-13	75.71	120.0	48.4	100	66.3
	Aug 2013	625	10.2	447.50	571	-10	75.13	120.0	41.0	100	65.5
	Sep 2013	530	8.9	446.81	557	-13	74.55	120.0	34.4	100	64.8
	WY 2013	**6670**							**435.6**		
	Oct 2013	442	7.2	446.31	548	-9	74.77	102.0	28.5	85	64.6
	Nov 2013	375	6.3	446.50	552	3	74.62	102.0	24.0	85	64.1
	Dec 2013	284	4.6	446.50	552	0	74.71	102.0	17.9	85	62.9

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2115

Processed On: 1/12/2012 7:47:12AM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

January 2012 24-Month Study

Most Probable Inflow*

Upper Basin Power

	Date	Glen Canyon 1000 MWHR	Flaming Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Reservoir 1000 MWHR	Fontenelle Reservoir 1000 MWHR
*	Jan 2011	445	26	8	9	4	4
H	Feb 2011	425	26	12	15	4	3
I	Mar 2011	453	23	21	26	15	4
	Winter 2011	**2299**	**156**	**79**	**97**	**48**	**19**
S	Apr 2011	415	65	26	37	21	5
T	May 2011	520	105	44	66	23	5
O	Jun 2011	634	98	36	61	23	5
R	Jul 2011	708					
I	Aug 2011	706	60	39	44	22	8
C	Sep 2011	442	58	34	41	22	6
	Summer 2011	**3425**	**386**	**179**	**248**	**111**	**30**
A	Oct 2011	446	48	28	33	18	5
L	Nov 2011	508	34	11	13	7	2
*	Dec 2011	563	43	25	30	17	6
	Jan 2012	362	54	15	19	9	6
	Feb 2012	276	51	8	11	6	5
	Mar 2012	254	45	10	13	7	5
	Winter 2012	**2409**	**275**	**97**	**119**	**65**	**27**
	Apr 2012	254	43	13	20	11	4
	May 2012	256	59	24	35	21	5
	Jun 2012	310	72	19	28	17	7
	Jul 2012	386	29	31	38	19	7
	Aug 2012	345	29	30	37	18	7
	Sep 2012	205	28	23	29	15	6
	Summer 2012	**1756**	**260**	**140**	**187**	**101**	**37**
	Oct 2012	211	29	15	20	10	6
	Nov 2012	258	28	9	11	6	6
	Dec 2012	342	29	15	19	10	6
	Jan 2013	340	29	18	23	12	6
	Feb 2013	254	26	16	21	11	5
	Mar 2013	254	29	13	17	9	5
	Winter 2013	**1660**	**171**	**85**	**110**	**58**	**33**
	Apr 2013	339	28	16	23	13	5
	May 2013	359	44	32	48	23	7
	Jun 2013	465	75	22	32	21	9
	Jul 2013	525	36	35	42	23	10
	Aug 2013	470	36	38	45	23	8
	Sep 2013	346	35	35	42	21	6
	Summer 2013	**2504**	**254**	**177**	**233**	**125**	**45**
	Oct 2013	259	36	21	26	14	6
	Nov 2013	259	35	12	15	8	6
	Dec 2013	344	36	28	34	17	6

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2115

Processed On: 1/12/2012 7:47:12AM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

January 2012 24-Month Study

Most Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions

Date	Flaming George KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Total KAF	Flaming George KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****EFFECTIVE SPACE****										
Jan 2012	483	255	385	8350	9472	12494	21966	483	255	385	1123	8350	12494	21966	5350	703	0	38.5
Jan 2012	483	255	385	8350	9472	12494	21966	-51	124	338	410	8350	12494	21201	5350	703	0	38.5
Feb 2012	588	279	398	8666	9931	12334	22267	54	150	351	555	8666	12334	21503	1500	688	0	38.3
Mar 2012	685	285	405	8797	10172	12329	22502	150	158	357	665	8797	12329	21740	1500	947	0	37.9
Apr 2012	741	287	388	8805	10221	12633	22857	205	162	336	703	8805	12633	22091	1500	1121	0	37.6
May 2012	758	270	328	8727	10084	13125	23211	217	145	257	620	8727	13125	22421	1500	1024	0	38.0
Jun 2012	751	211	219	8078	9259	13552	22812	203	78	113	395	8078	13552	21973	1500	941	0	38.8
Jul 2012	634	110	196	7238	8178	13820	21989	75	-36	40	79	7238	13820	21076	1500	870	0	38.5
								****CREDITABLE SPACE****										
Aug 2012	576	138	211	7451	8376	13852	22221	576	138	211	925	7451	13852	22221	1500	814	0	38.1
Sep 2012	597	180	254	7781	8812	13868	22672	597	180	254	1030	7781	13868	22672	2270	729	0	37.5
Oct 2012	636	217	269	7852	8973	14121	23086	636	217	269	1122	7852	14121	23086	3040	498	0	37.3
Nov 2012	665	228	263	7846	9001	14137	23131	665	228	263	1156	7846	14137	23131	3810	538	0	37.3
Dec 2012	695	225	264	7983	9167	14098	23258	695	225	264	1184	7983	14098	23258	4580	498	0	37.2
Jan 2013	742	248	272	8349	9611	13775	23382	742	248	272	1262	8349	13775	23382	5350	696	0	37.0
								****EFFECTIVE SPACE****										
Jan 2013	742	248	272	8349	9611	13775	23382	433	248	181	862	8349	13775	23026	5350	696	0	37.0
Feb 2013	784	283	282	8686	10035	13655	23687	473	283	190	946	8686	13655	23328	1500	702	0	36.8
Mar 2013	815	314	281	8834	10244	13709	23950	501	314	188	1003	8834	13709	23588	1500	1040	0	36.4
Apr 2013	797	321	231	8857	10206	14100	24304	478	321	134	934	8857	14100	23933	1500	1128	0	36.4
May 2013	748	299	149	8818	10015	14409	24422	422	299	33	754	8818	14409	24025	1500	1018	0	37.5
Jun 2013	634	199	162	7689	8684	14641	23284	296	197	10	503	7689	14641	22839	1500	945	0	39.0
Jul 2013	464	31	241	6551	7287	14575	21816	112	6	37	155	6551	14575	21283	1500	936	0	39.0
								****CREDITABLE SPACE****										
Aug 2013	370	27	260	6803	7460	14374	21789	370	27	260	657	6803	14374	21789	1500	845	0	38.6
Sep 2013	395	77	290	7300	8062	14155	22172	395	77	290	761	7300	14155	22172	2270	673	0	38.1
Oct 2013	447	144	298	7599	8489	14051	22495	447	144	298	889	7599	14051	22495	3040	454	0	38.0
Nov 2013	494	173	290	7661	8619	13926	22500	494	173	290	957	7661	13926	22500	3810	546	0	37.9
Dec 2013	541	182	289	7772	8783	13897	22636	541	182	289	1012	7772	13897	22636	4580	480	0	37.9

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2115

Processed On: 1/12/2012 7:47:12AM

February 24-Month Study
Date: February 9, 2012

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

Reservoir	January Inflow (unregulated) (acre-feet)	Percent of Average (%)	February 7 Midnight Elevation (feet)	Reservoir Storage (acre-feet)
Fontenelle	35,000	106	6484.56	193,000
Flaming Gorge	45,000	112	6030.91	3,384,000
Blue Mesa	22,000	92	7487.17	560,000
Navajo	18,200	83	6056.64	1,306,000
Powell	356,000	99	3638.50	15,827,000

Expected Operations

The operation of Lake Powell and Lake Mead in this February 2012 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines), and reflects the 2012 Annual Operating Plan (AOP). Pursuant to the Interim Guidelines, the August 2011 24-Month Study projections of the January 1, 2012 system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2012.

Consistent with Section 6.A of the Interim Guidelines, the Lake Powell operational tier for water year 2012 is the Equalization Tier. The February 2012 24-Month Study projects the water year release volume from Lake Powell for 2012 to be 9.46 maf.

Consistent with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar year 2012.

The Interim Guidelines are available for download at
http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The 2012 AOP is available for download at
http://www.usbr.gov/lc/region/g4000/aop/AOP12.pdf.

Fontenelle Reservoir – Inflows for the month of January were 32 kaf, or 106% of average. The reservoir elevation is 6478 feet above sea level and 45% of capacity. Current inflows are approximately 500 cfs and reservoir releases are 1,200 cfs. Releases will likely be close to 1,200 cfs through the remainder of the winter and the reservoir elevation will continue to decline until spring runoff begins. Current snowpack above Fontenelle Reservoir is 94% of average.

The Colorado Basin River Forecast Center and Natural Resources Conservation Service have issued the coordinated forecast for the April to July 2012 runoff season. Inflows forecasted to be 685 kaf, or 94% of average, however it is still early in the snow accumulation season. Inflows over the next three months are forecasted by the River Forecast Center to be: 30,000 acre-ft (107%), 45,000 acre-ft (85%) and 80,000 acre-ft (94%) for February, March, and April respectively.

The next Fontenelle Working Group meeting is scheduled for April 26, 2012 at 10:00 am at the Seedskadee National Wildlife Refuge visitor's center. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir.

Flaming Gorge Reservoir – Unregulated inflow into Flaming Gorge Reservoir during the month of January was 45 thousand acre-feet (kaf), or 112 percent of 1981-2010 average inflow. The Flaming Gorge Reservoir is releasing at an average daily release rate of 2,400 cfs/day and is expected to remain at 2,400 cfs/day over the coming months in order to observe the hydrology and snowpack accumulation development through spring. Flaming Gorge reservoir elevation is decreasing and expected to continue decreasing through the winter to meet the May 1 target elevation of 6027 feet.

The Colorado Basin River Forecast Center and Natural Resources Conservation Service have issued the joint water supply forecast for the April-July runoff season. The February forecast for April-July unregulated inflow volume is 880 kaf (90 percent of average), which is an increase of 12 percent from the previous forecast. This volume corresponds with the average classification within the 2006 Record of Decision. The unregulated inflow volumes and percent of average for February, March and April are forecasted to be 45 kaf (108%), 82 kaf (80%), and 130 kaf (97%), respectively.

The next Flaming Gorge Working Group meeting is scheduled for April 18, 2012, at 1:00 p.m. at the Western Park Convention Center, 302 East 200 South, Vernal, Utah. The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stake holders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations and plans presented by Reclamation at these meetings. For more information on this group and these meetings please contact Heather Hermansen at 801-524-3883 or Ed Vidmar at 801-379-1182.

Aspinall Reservoirs – January unregulated inflow into Blue Mesa Reservoir was 22,000 acre-feet or 90 percent of average. On February 8th the basin snowpack was averaging 71 percent, which has increased a little better than 10 percent from a month ago. Precipitation during January was about 92 percent of average, while December's precipitation was recorded at 49 percent of average. The current inflow rate into Blue Mesa Reservoir is about 350 cfs while reservoir releases are averaging about 700 cfs. This past fall and early winter months has seen just below average reservoir inflows. Blue Mesa Reservoir current elevation is 7484.70 feet, which corresponds to a storage content of about 541,000 acre-feet. This elevation is about 2.0 feet lower than last year's elevation.

The Colorado Basin River Forecast Center's February water supply forecast for Blue Mesa for the April to July runoff season is 450,000 acre-feet (67% of average) which is the same as last month's forecast. Based on this forecast, Blue Mesa Reservoir is not projected to fill this runoff season.

Releases from Crystal have recently been reduced to 600 cfs. Since the Gunnison Diversion Tunnel is off for the season, the river flow downstream in the Black Canyon of the Gunnison is the same as Crystal's release.

The last meeting of the "Aspinall Unit Working Group" was held on January 19, 2012 in Montrose, Colorado. At this meeting, review of last summer and fall reservoir operations, and plans for this winter and next spring 2012 operations were discussed. These meetings are open forum discussions on the Aspinall Unit reservoir operations with many interested groups participating. For more information about these meetings please contact Dan Crabtree in the Grand Junction Area Office at (970) 248-0652.

Navajo Reservoir - Reclamation increased the release from Navajo Reservoir to 500 cfs on December 1, 2011. The temporary lower release of 350 cfs was in collaboration with New Mexico Department of Game & Fish's fish habitat project, just below the dam. That project is now complete and releases have returned to 500 cfs.

Releases are made for the authorized purposes of the Navajo Unit, and to attempt to maintain a target base flow through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell).

The current San Juan River basin snowpack is 78% of average snow water equivalent (SWE). For the Animas River Basin it is 76%. Pending significant changes in the weather and stream flow conditions, the reservoir release will likely remain at 500 cfs through this spring (2012).

Precipitation for the month of January in the San Juan River basin was about 66% of average, while December's was 79% of average. Unregulated inflow into Navajo Reservoir during the month of January was 18,200 acre-feet, or 83 percent of average. Currently, the daily reservoir inflow is averaging about 300 cfs. Diversions for

NIIP have currently been shut down for the winter. The reservoir water surface elevation is at 6055.67 feet, which corresponds to a storage content of about 1,294,000 acre-feet.

A public meeting on Navajo Reservoir operations was held on Tuesday, January 24, 2012 in Farmington, New Mexico. At this meeting, review of last summer and fall reservoir operations, and plans for this winter and spring 2012 operations were discussed. These are open forum discussions on the operation of Navajo Reservoir with many interested groups participating. Anyone interested in the general operation of the reservoir is encouraged to attend. Please contact Pat Page in Reclamation's Durango, Colorado Office at (970) 385-6560 for information about these meetings or the daily operation of Navajo Reservoir.

Glen Canyon Dam / Lake Powell – In January 2012 the unregulated inflow volume to Lake Powell was 356 kaf (99% of average). This volume is very close to the final forecast for January issued by the Colorado Basin River Forecast Center on January 5th which was 375 kaf. The elevation of Lake Powell on January 31st, 2012 was 3636.90 feet above sea level (63.10 feet below full pool). During January, the elevation of Lake Powell decreased by 3.52 feet and it is likely that the elevation will continue to decrease near this rate for approximately 2 more months. By late March or early April, when the snowpack begins to melt, inflows will likely increase to a point where they are greater than releases and the elevation will begin to rise. Snowpack conditions above Lake Powell are 77% of average as of February 8, 2012.

The current Water Supply forecast (April through July Unregulated Inflow Volume) for Lake Powell for 2012 is 5.05 maf which is 71% of average. Based on this inflow forecast, it is currently projected that the most probable annual release from Glen Canyon Dam in water year 2012 will be 9.46 maf. At this time of year however, there is a high level of uncertainty in hydrologic forecasts and the annual release volume from Glen Canyon Dam in WY2012 will ultimately be based on the actual inflows that occur during 2012 rather than this Water Supply forecast.

Current Dam Operations

In August 2011, pursuant to the Interim Guidelines, the Operating Tier for Glen Canyon Dam was established to be the Equalization Tier. Under the Equalization Tier for 2012, with 1.233 maf of release carried over from 2011 to 2012, the annual release volume for 2012 could be as low as 9.46 maf or higher depending on actual inflow conditions. As hydrologic conditions for Lake Powell and Lake Mead change throughout the year, Reclamation will adjust operations of Glen Canyon Dam to release the appropriate annual volume during 2012 to achieve Equalization objectives as practicably as possible by September 30, 2012.

Releases from Glen Canyon Dam are currently averaging about 12,500 cfs with fluctuations for power generation throughout the day that peak near 13,000 cfs in the afternoons and with early morning low level releases are about 7,000 cfs. This operation

is consistent with the Glen Canyon Operating Criteria (Federal Register, Volume 62, No. 41, March 3, 1997). The release volume for February is scheduled to be 650 kaf. In March, the monthly release volume will likely be 600 kaf and fluctuating releases from Glen Canyon Dam will likely average about 10,100 cfs each day with scheduled daily fluctuations occurring within the range from 7,000 cfs to 13,000 cfs.

In addition to daily scheduled fluctuations for power generation, the instantaneous releases from Glen Canyon Dam may also fluctuate to provide 40 MW of system regulation. These instantaneous release adjustments stabilize the electrical generation and transmission system and translate to a range of about 1100 cfs above or below the hourly scheduled release rate. Typically, fluctuations for system regulation are very short lived and balance out over the hour and do not have noticeable impacts on downstream river flow conditions.

Releases from Glen Canyon Dam can also fluctuate beyond scheduled fluctuations for power generation when called upon as a partner that shares reserve requirements within the electrical generator community (i.e. balancing area). There are many generators that supply electricity to the transmission system within the balancing area. At times, a participating generator may experience operating conditions such that it cannot make its scheduled delivery of electricity to the system (i.e. unscheduled outage). To provide system reliability, all participating electricity generators within the balancing area maintain a specified level of generation capacity (i.e. reserves) that can be called upon when an unscheduled outage occurs. Glen Canyon Dam typically maintains 113 MW of reserves for this purpose.

Reserve agreements allow the controllers of the balancing area to call upon Glen Canyon Dam to produce up to an additional 113 MW of electricity beyond what is originally scheduled for a given hour. Reserve calls can be maintained for a maximum of 2 hours after which time the generation rate should be returned to the original schedule. The 113 MW reserve requirement for Glen Canyon Dam translates to approximately 2,800 cfs of flow in the river. When the balancing area controllers call for reserve generation from Glen Canyon Dam, releases from the dam can exceed scheduled levels and have a noticeable impact on the river downstream from Glen Canyon Dam. But these calls for reserves are fairly infrequent and typically are for much less than the required level of 113 MW.

Current Inflow Forecasts and Model Projections

Over the next three months (February, March and April) the forecasted unregulated inflow volume to Lake Powell is projected to be 390 kaf (99% of average), 550 kaf (83% of average) and 800 kaf (76% of average), respectively. These percent of averages are all based on the historic period from 1981 through 2010. Combining this forecast with the February Water Supply Forecast and extending projections to the end of WY2012, the most probable (i.e. 50% likely to be exceeded) unregulated inflow volume for WY2012 is projected to be 8.48 maf (78% of average). There is significant uncertainty associated with this forecast. Recent analysis indicates that it is reasonably possible for the actual

unregulated inflow volume to be as low as 5.48 maf (51% of average) or as high as 12.65 maf (117% of average) depending on the range of precipitation patterns that could occur over the next several months.

Based on the reasonable range inflow conditions that could occur this year, the annual release volume from Glen Canyon Dam could be as low as 9.46 maf to as high as 12.92 maf. Under the most probable inflow condition, the annual release volume is projected to be 9.46 maf and the elevation of Lake Powell at the end of WY2012 is projected to be 3643.2 feet above sea level. This elevation corresponds to a live storage volume of 16.38 maf (67% of full capacity).

Upper Colorado River Basin Hydrology

Since water year 2005, hydrologic conditions in the Upper Colorado River Basin have been near average with significant variability from year to year. The unregulated inflow to Lake Powell, which is a good measure of the hydrologic condition in the Colorado River Basin, has averaged 10.98 maf (101% of average (period 1981-2010)) per year during the period from 2005 through 2011. The hydrologic variability during this period has been from a low water year unregulated inflow of 8.62 maf (80% of average) in water year 2006 to a high of 15.97 maf (147% of average) which occurred in water year 2011.

Overall reservoir storage in the Colorado River Basin has increased by nearly 10 maf since the beginning of water year 2005 and this is a significant improvement over the drought conditions during water years 2000 through 2004. On October 1, 2004, the beginning of water year 2005, the total reservoir storage in the Colorado River Basin was 29.84 maf (50.2% of capacity). As of January 30, 2012 the total reservoir storage in the Colorado River Basin was 38.35 maf (64.3% of capacity).

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-430
125 SOUTH STATE STREET, ROOM 6107
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-3709

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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:	Obs			jan	Forecast		Outlook		
:	oct	nov	dec	jan	%Avg	feb	mar	apr	apr-jul %Avg
GLDA3:Lake Powell	513	509	359	356	99%:	390/	550/	800/	5050/: 71%
GBRW4:Fontenelle	50	46	35	32	106%:	30/	45/	80/	685/: 94%
GRNU1:Flaming Gorge	74	64	38	45	112%:	48/	82/	130/	880/: 90%
BMDC2:Blue Mesa	36	29	24	22	90%:	20/	30/	64/	450/: 67%
MPSC2:Morrow Point	37	30	25	23	87%:	22/	33/	73/	500/: 68%
CLSC2:Crystal	41	34	28	27	86%:	26/	39/	84/	555/: 66%
TPIC2:Taylor Park	7.3	5.2	4.1	3.6	84%:	3.3/	3.6/	7/	76/: 77%
VCRC2:Vallecito	14.8	8.6	5.3	4.7	87%:	4.2/	7/	21/	180/: 93%
NVRN5:Navajo	54	31	19.0	18.2	83%:	22/	57/	127/	630/: 86%
LEMC2:Lemon	2.8	1.49	1.00	0.78	89%:	0.75/	1.4/	5/	47/: 85%
MPHC2:McPhee	8.0	4.9	2.8	3.0	66%:	3.3/	11/	50/	225/: 76%
RBSC2:Ridgway	7.9	5.7	4.1	3.9	98%:	3.7/	5.3/	8.4/	80/: 79%

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 2012 24-Month Study

Most Probable Inflow*

Fontenelle Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Feb 2011	26	1	50	0	50	6478.35	158
H	Mar 2011	36	1	58	0	58	6473.74	136
I	Apr 2011	92	1	84	15	100	6471.99	128
S	May 2011	161	1	89	79	168	6470.20	120
T	Jun 2011	429	1	87	283	370	6481.96	178
O	Jul 2011	539	2	110	313	424	6498.87	290
R	Aug 2011	118	2	88	1	89	6502.38	317
I	Sep 2011	49	2	66	0	66	6499.90	298
	WY 2011	**1581**	**14**	**801**	**747**	**1549**		
C	Oct 2011	50	1	56	18	74	6496.55	273
A	Nov 2011	46	1	22	49	71	6492.84	247
L	Dec 2011	35	1	74	0	74	6486.86	207
*	Jan 2012	32	1	74	0	74	6479.61	165
	Feb 2012	30	0	67	0	67	6471.94	128
	Mar 2012	45	0	74	0	74	6464.81	98
	Apr 2012	80	1	71	0	71	6466.89	106
	May 2012	144	1	88	0	88	6478.96	161
	Jun 2012	295	2	102	53	155	6500.03	299
	Jul 2012	166	3	101	19	120	6505.59	342
	Aug 2012	73	2	85	0	85	6503.81	328
	Sep 2012	45	2	70	0	70	6500.38	302
	WY 2012	**1041**	**15**	**883**	**140**	**1022**		
	Oct 2012	49	1	71	0	71	6497.16	278
	Nov 2012	42	1	69	0	69	6493.28	250
	Dec 2012	32	1	71	0	71	6487.26	210
	Jan 2013	30	1	71	0	71	6480.33	169
	Feb 2013	28	0	64	0	64	6472.80	131
	Mar 2013	53	0	71	0	71	6468.34	112
	Apr 2013	85	1	83	0	83	6468.84	114
	May 2013	164	1	98	5	104	6481.16	173
	Jun 2013	299	2	102	69	171	6500.01	299
	Jul 2013	178	3	101	29	130	6505.76	344
	Aug 2013	77	2	94	0	94	6503.26	324
	Sep 2013	46	2	69	0	69	6500.02	299
	WY 2013	**1082**	**15**	**966**	**104**	**1069**		
	Oct 2013	49	1	71	0	71	6496.86	276
	Nov 2013	42	1	68	0	68	6493.05	249
	Dec 2013	32	1	71	0	71	6487.11	209
	Jan 2014	30	1	71	0	71	6480.17	168

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 2012 24-Month Study

Most Probable Inflow*

Flaming Gorge Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	Feb 2011	36	60	2	67	0	67	125	6023.47	3104	105
H	Mar 2011	98	120	3	59	0	59	127	6024.99	3160	178
I	Apr 2011	159	166	5	172	0	172	127	6024.71	3150	480
S	May 2011	327	334	8	279	47	326	127	6024.73	3150	1110
T	Jun 2011	667	608	10	254	173	427	133	6029.11	3315	1570
O	Jul 2011	771	656	14	263	94	357	144	6036.07	3590	905
R	Aug 2011	144	115	13	148	0	148	142	6034.95	3544	246
I	Sep 2011	58	76	11	144	0	144	139	6033.03	3467	200
	WY 2011	**2414**	**2381**	**80**	**1661**	**314**	**1975**				**5234**
C	Oct 2011	74	97	7	120	0	121	138	6032.27	3437	187
A	Nov 2011	64	89	4	88	0	88	138	6032.21	3435	144
L	Dec 2011	38	77	2	108	0	108	137	6031.41	3404	146
*	Jan 2012	45	87	2	148	0	148	134	6029.85	3343	186
	Feb 2012	48	85	2	138	0	138	132	6028.45	3290	138
	Mar 2012	82	111	3	148	0	148	131	6027.44	3251	148
	Apr 2012	130	121	5	143	0	143	130	6026.77	3226	143
	May 2012	205	149	8	181	0	181	128	6025.76	3189	181
	Jun 2012	355	215	10	199	0	199	128	6025.92	3194	199
	Jul 2012	190	144	13	89	0	89	130	6026.99	3234	89
	Aug 2012	83	95	12	89	0	89	130	6026.81	3228	89
	Sep 2012	53	78	11	86	0	86	129	6026.32	3209	86
	WY 2012	**1367**	**1348**	**80**	**1536**	**1**	**1537**				**1736**
	Oct 2012	59	82	7	89	0	89	129	6025.94	3195	89
	Nov 2012	51	78	3	86	0	86	128	6025.64	3184	86
	Dec 2012	35	74	2	89	0	89	127	6025.21	3168	89
	Jan 2013	40	81	2	89	0	89	127	6024.96	3159	89
	Feb 2013	45	81	2	81	0	81	127	6024.93	3158	81
	Mar 2013	102	121	3	89	0	89	128	6025.68	3185	89
	Apr 2013	134	131	5	86	0	86	130	6026.70	3224	86
	May 2013	245	185	8	126	0	126	132	6028.00	3273	126
	Jun 2013	390	262	10	230	0	230	132	6028.55	3294	230
	Jul 2013	210	163	14	101	0	101	134	6029.75	3339	101
	Aug 2013	89	106	13	101	0	101	134	6029.55	3332	101
	Sep 2013	55	78	11	98	0	98	133	6028.76	3302	98
	WY 2013	**1455**	**1442**	**80**	**1267**	**0**	**1267**				**1267**
	Oct 2013	59	81	7	101	0	101	132	6028.07	3275	101
	Nov 2013	51	77	3	98	0	98	131	6027.45	3252	98
	Dec 2013	35	74	2	101	0	101	130	6026.69	3223	101
	Jan 2014	40	81	2	101	0	101	129	6026.13	3202	101

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 2012 24-Month Study

Most Probable Inflow*

Taylor Park Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Feb 2011	4	4	9312.51	74
H	Mar 2011	5	6	9311.89	73
I	Apr 2011	7	8	9311.44	72
S	May 2011	22	33	9304.21	61
T	Jun 2011	65	28	9326.09	98
O	Jul 2011	37	39	9325.07	96
R	Aug 2011	12	24	9318.44	84
I	Sep 2011	7	20	9310.68	71
	WY 2011	**179**	**181**		
C	Oct 2011	7	9	9309.52	69
A	Nov 2011	5	6	9309.15	69
L	Dec 2011	4	6	9307.93	67
*	Jan 2012	4	5	9307.37	66
	Feb 2012	3	6	9305.58	63
	Mar 2012	4	6	9303.95	61
	Apr 2012	7	6	9304.63	62
	May 2012	24	12	9312.35	74
	Jun 2012	32	20	9319.31	86
	Jul 2012	13	20	9315.33	79
	Aug 2012	8	20	9307.87	67
	Sep 2012	7	16	9301.39	57
	WY 2012	**118**	**132**		
	Oct 2012	7	10	9298.94	54
	Nov 2012	5	6	9298.27	53
	Dec 2012	5	6	9297.25	52
	Jan 2013	4	6	9295.96	50
	Feb 2013	4	6	9294.35	48
	Mar 2013	4	6	9293.05	46
	Apr 2013	9	6	9295.33	49
	May 2013	28	12	9307.08	65
	Jun 2013	42	20	9320.07	87
	Jul 2013	20	20	9320.15	87
	Aug 2013	10	20	9314.64	78
	Sep 2013	7	16	9309.36	69
	WY 2013	**146**	**134**		
	Oct 2013	7	10	9307.20	66
	Nov 2013	5	6	9306.62	65
	Dec 2013	5	6	9305.74	63
	Jan 2014	4	6	9304.62	62

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Managing Water in the West

February 2012 24-Month Study

Most Probable Inflow*

Blue Mesa Reservoir

	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Feb 2011	21	21	0	43	0	43	7483.46	532
H	Mar 2011	38	39	0	75	0	75	7478.48	495
I	Apr 2011	77	78	1	95	0	95	7475.97	477
S	May 2011	168	179	1	162	0	162	7478.26	493
T	Jun 2011	425	389	1	127	19	146	7508.73	735
O	Jul 2011	222	222	2	150	0	150	7516.80	806
R	Aug 2011	67	79	1	123	0	123	7511.67	760
I	Sep 2011	35	48	1	108	0	108	7504.54	699
	WY 2011	**1162**	**1163**	**8**	**1046**	**19**	**1065**		
C	Oct 2011	36	38	1	93	0	93	7497.84	644
A	Nov 2011	29	29	0	37	0	37	7496.82	635
L	Dec 2011	24	26	0	87	0	87	7489.07	574
*	Jan 2012	22	23	0	52	0	52	7485.29	545
	Feb 2012	20	23	0	29	0	29	7484.43	539
	Mar 2012	30	32	0	33	0	33	7484.29	538
	Apr 2012	64	63	1	46	0	46	7486.45	554
	May 2012	147	135	1	72	0	72	7494.40	616
	Jun 2012	176	164	1	63	0	63	7506.48	716
	Jul 2012	63	70	1	99	0	99	7502.87	685
	Aug 2012	44	56	1	98	0	98	7497.64	642
	Sep 2012	32	42	1	79	0	79	7492.87	604
	WY 2012	**687**	**701**	**8**	**788**	**0**	**788**		
	Oct 2012	38	42	1	52	0	52	7491.48	593
	Nov 2012	31	32	0	29	0	29	7491.84	596
	Dec 2012	26	27	0	41	0	41	7490.00	581
	Jan 2013	24	26	0	61	0	61	7485.41	546
	Feb 2013	22	24	0	55	0	55	7481.27	515
	Mar 2013	36	38	0	44	0	44	7480.34	508
	Apr 2013	77	74	1	48	0	48	7483.81	534
	May 2013	221	205	1	103	0	103	7496.75	635
	Jun 2013	261	239	1	74	0	74	7515.99	799
	Jul 2013	117	117	2	111	0	111	7516.40	802
	Aug 2013	63	73	1	122	0	122	7510.76	752
	Sep 2013	38	47	1	113	0	113	7502.87	685
	WY 2013	**955**	**943**	**9**	**854**	**0**	**854**		
	Oct 2013	38	42	1	70	0	70	7499.37	656
	Nov 2013	31	32	0	40	0	40	7498.36	648
	Dec 2013	26	27	0	93	0	93	7490.00	581
	Jan 2014	24	26	0	61	0	61	7485.40	546

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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Most Probable Inflow*

Morrow Point Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Feb 2011	21	43	0	43	44	0	44	7152.08	111
H	Mar 2011	38	75	1	75	73	0	73	7154.37	113
I	Apr 2011	84	95	7	102	104	0	104	7152.20	111
S	May 2011	191	162	23	185	181	0	181	7156.18	114
T	Jun 2011	455	146	30	176	170	0	176	7155.72	114
O	Jul 2011	231	150	9	159	159	0	159	7155.22	113
R	Aug 2011	68	123	1	125	124	0	124	7155.77	114
I	Sep 2011	36	108	1	109	115	0	115	7148.00	108
	WY 2011	**1236**	**1065**	**74**	**1139**	**1133**	**0**	**1139**		
C	Oct 2011	37	93	1	94	91	0	91	7151.08	110
A	Nov 2011	30	37	2	39	38	0	38	7151.73	110
L	Dec 2011	25	87	0	88	85	0	85	7154.97	113
*	Jan 2012	23	52	1	53	52	0	52	7155.61	113
	Feb 2012	22	29	2	31	32	0	32	7153.73	112
	Mar 2012	33	33	3	36	36	0	36	7153.73	112
	Apr 2012	73	46	9	55	55	0	55	7153.73	112
	May 2012	163	72	16	88	88	0	88	7153.73	112
	Jun 2012	193	63	17	80	80	0	80	7153.73	112
	Jul 2012	71	99	8	107	107	0	107	7153.73	112
	Aug 2012	48	98	4	102	102	0	102	7153.73	112
	Sep 2012	35	79	3	82	82	0	82	7153.73	112
	WY 2012	**753**	**788**	**65**	**854**	**849**	**0**	**849**		
	Oct 2012	41	52	3	55	55	0	55	7153.73	112
	Nov 2012	33	29	2	31	31	0	31	7153.73	112
	Dec 2012	28	41	2	43	43	0	43	7153.73	112
	Jan 2013	27	61	2	63	63	0	63	7153.73	112
	Feb 2013	25	55	3	58	58	0	58	7153.73	112
	Mar 2013	40	44	4	48	48	0	48	7153.73	112
	Apr 2013	88	48	11	59	59	0	59	7153.73	112
	May 2013	247	103	26	129	129	0	129	7153.73	112
	Jun 2013	281	74	20	94	94	0	94	7153.73	112
	Jul 2013	123	111	6	118	118	0	118	7153.73	112
	Aug 2013	67	122	3	125	125	0	125	7153.73	112
	Sep 2013	41	113	3	116	116	0	116	7153.73	112
	WY 2013	**1040**	**854**	**85**	**939**	**939**	**0**	**939**		
	Oct 2013	41	70	3	73	73	0	73	7153.73	112
	Nov 2013	33	40	2	42	42	0	42	7153.73	112
	Dec 2013	28	93	2	96	96	0	96	7153.73	112
	Jan 2014	27	61	2	63	63	0	63	7153.73	112

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Managing Water in the West

February 2012 24-Month Study

Most Probable Inflow*

Crystal Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
*	Feb 2011	24	44	3	47	24	23	46	6751.55	17	1	47
H	Mar 2011	43	73	5	78	78	0	78	6751.94	17	5	76
I	Apr 2011	92	104	8	112	110	2	112	6752.03	17	38	79
S	May 2011	204	181	13	195	126	68	194	6753.39	17	63	137
T	Jun 2011	516	176	61	237	120	81	237	6752.90	17	62	183
O	Jul 2011	255	159	23	182	128	58	186	6739.47	13	62	136
R	Aug 2011	75	124	7	131	126	2	129	6748.39	16	66	70
I	Sep 2011	39	115	4	119	120	0	120	6744.21	14	64	62
	WY 2011	**1375**	**1139**	**139**	**1278**	**1008**	**235**	**1279**			**413**	**912**
C	Oct 2011	41	91	4	96	94	0	94	6749.65	16	53	44
A	Nov 2011	34	38	4	42	41	1	41	6751.53	17	1	41
L	Dec 2011	28	85	3	88	89	0	89	6750.95	16	1	90
*	Jan 2012	27	52	3	56	53	3	56	6751.28	16	1	57
	Feb 2012	26	32	4	36	36	0	36	6753.04	17	0	36
	Mar 2012	39	36	6	42	42	0	42	6753.04	17	5	37
	Apr 2012	84	55	11	66	66	0	66	6753.04	17	30	36
	May 2012	187	88	24	112	112	0	112	6753.04	17	55	57
	Jun 2012	209	80	16	96	96	0	96	6753.04	17	60	36
	Jul 2012	75	107	4	111	111	0	111	6753.04	17	65	46
	Aug 2012	52	102	4	106	106	0	106	6753.04	17	65	41
	Sep 2012	40	82	5	87	87	0	87	6753.04	17	55	32
	WY 2012	**841**	**849**	**89**	**938**	**932**	**3**	**935**			**389**	**553**
	Oct 2012	47	55	6	61	61	0	61	6753.04	17	30	31
	Nov 2012	38	31	5	36	36	0	36	6753.04	17	0	36
	Dec 2012	32	43	5	48	48	0	48	6753.04	17	0	48
	Jan 2013	31	63	5	68	68	0	68	6753.04	17	0	68
	Feb 2013	29	58	4	61	61	0	61	6753.04	17	0	61
	Mar 2013	46	48	6	54	54	0	54	6753.04	17	5	49
	Apr 2013	101	59	12	72	72	0	72	6753.04	17	30	42
	May 2013	281	129	34	163	134	29	163	6753.04	17	55	108
	Jun 2013	315	94	34	128	128	0	128	6753.04	17	60	68
	Jul 2013	138	118	14	132	132	0	132	6753.04	17	65	67
	Aug 2013	75	125	8	134	134	0	134	6753.04	17	65	69
	Sep 2013	47	116	6	122	122	0	122	6753.04	17	55	67
	WY 2013	**1180**	**939**	**140**	**1078**	**1049**	**29**	**1078**			**365**	**713**
	Oct 2013	47	73	6	79	79	0	79	6753.04	17	30	49
	Nov 2013	38	42	5	47	47	0	47	6753.04	17	0	47
	Dec 2013	32	96	5	100	100	0	100	6753.04	17	0	100
	Jan 2014	31	63	5	68	68	0	68	6753.04	17	0	68

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 2012 24-Month Study

Most Probable Inflow*

Vallecito Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Feb 2011	4	2	7643.62	72
H	Mar 2011	7	2	7645.67	77
I	Apr 2011	22	4	7653.10	95
S	May 2011	44	27	7659.70	111
T	Jun 2011	79	64	7664.94	125
O	Jul 2011	23	39	7658.78	109
R	Aug 2011	9	37	7647.29	81
I	Sep 2011	8	29	7637.58	59
	WY 2011	**225**	**222**		
C	Oct 2011	15	9	7640.42	65
A	Nov 2011	9	2	7643.33	72
L	Dec 2011	5	2	7644.76	75
*	Jan 2012	5	3	7645.42	76
	Feb 2012	4	3	7645.69	77
	Mar 2012	7	3	7647.31	81
	Apr 2012	21	3	7654.62	98
	May 2012	68	47	7662.65	119
	Jun 2012	67	60	7664.97	125
	Jul 2012	24	42	7658.08	107
	Aug 2012	18	38	7649.74	86
	Sep 2012	16	30	7643.93	73
	WY 2012	**259**	**241**		
	Oct 2012	16	17	7643.14	71
	Nov 2012	9	5	7644.84	75
	Dec 2012	6	5	7645.40	76
	Jan 2013	5	5	7645.56	77
	Feb 2013	5	4	7645.69	77
	Mar 2013	9	3	7647.99	82
	Apr 2013	23	3	7656.17	102
	May 2013	71	55	7662.49	119
	Jun 2013	70	63	7664.91	125
	Jul 2013	29	42	7659.98	112
	Aug 2013	20	38	7652.71	94
	Sep 2013	17	30	7647.51	81
	WY 2013	**281**	**269**		
	Oct 2013	16	19	7646.03	78
	Nov 2013	9	8	7646.40	78
	Dec 2013	6	3	7647.67	81
	Jan 2014	5	5	7647.83	82

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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February 2012 24-Month Study

Most Probable Inflow*

Navajo Reservoir

	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azetea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Farmington Flow (1000 Ac-Ft)
*	Feb 2011	18	0	15	1	1	28	6058.41	1328	45
H	Mar 2011	41	2	35	2	4	31	6058.28	1326	46
I	Apr 2011	115	14	84	2	19	31	6060.75	1357	44
S	May 2011	172	22	134	4	28	32	6066.13	1428	79
T	Jun 2011	252	43	193	4	42	113	6068.65	1462	295
O	Jul 2011	40	8	46	5	48	31	6065.88	1424	98
R	Aug 2011	3	2	29	4	47	46	6060.64	1356	47
I	Sep 2011	15	2	35	3	20	40	6058.35	1327	
	WY 2011	**737**	**93**	**641**	**28**	**220**	**478**			**838**
C	Oct 2011	54	4	44	2	10	33	6058.32	1327	55
A	Nov 2011	31	1	23	1	0	21	6058.38	1327	47
L	Dec 2011	19	0	16	1	1	30	6057.10	1311	56
*	Jan 2012	18	0	16	1	1	31	6055.85	1296	48
	Feb 2012	22	0	21	1	0	29	6055.18	1288	29
	Mar 2012	57	1	52	2	2	31	6056.59	1305	31
	Apr 2012	127	15	94	2	17	30	6060.17	1350	30
	May 2012	252	35	196	4	32	48	6068.67	1462	48
	Jun 2012	194	26	162	5	47	92	6069.96	1480	92
	Jul 2012	57	4	71	5	52	32	6068.66	1462	32
	Aug 2012	41	0	61	4	44	55	6065.52	1420	55
	Sep 2012	41	0	54	3	25	43	6064.29	1403	43
	WY 2012	**913**	**87**	**809**	**28**	**230**	**475**			**566**
	Oct 2012	47	0	48	2	6	34	6064.73	1409	34
	Nov 2012	34	0	29	1	0	30	6064.63	1408	30
	Dec 2012	25	0	24	1	0	31	6064.05	1400	31
	Jan 2013	22	0	21	1	0	31	6063.29	1390	31
	Feb 2013	30	0	30	1	0	28	6063.39	1391	28
	Mar 2013	92	3	84	2	2	31	6067.13	1441	31
	Apr 2013	170	15	135	3	18	34	6073.01	1523	34
	May 2013	277	37	223	4	32	200	6072.03	1509	200
	Jun 2013	224	31	185	5	48	208	6066.58	1434	208
	Jul 2013	66	6	73	5	53	35	6065.07	1414	35
	Aug 2013	45	2	61	4	45	43	6062.73	1383	43
	Sep 2013	43	0	55	3	26	35	6062.06	1374	35
	WY 2013	**1075**	**95**	**969**	**29**	**230**	**739**			**739**
	Oct 2013	47	1	49	2	6	33	6062.66	1382	33
	Nov 2013	34	1	32	1	0	30	6062.75	1383	30
	Dec 2013	25	0	22	1	0	31	6062.02	1374	31
	Jan 2014	22	0	21	1	0	31	6061.25	1364	31

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 2012 24-Month Study

Most Probable Inflow*

Lake Powell

	Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry (1000 Ac-Ft)
*	Feb 2011	280	340	10	964	0	964	3614.95	5112	13235	976
H	Mar 2011	581	583	16	1033	0	1033	3610.73	5078	12804	1046
I	Apr 2011	1136	1096	25	940	0	940	3611.93	5088	12926	963
S	May 2011	2440	2467	30	1171	0	1171	3623.13	5182	14098	1191
T	Jun 2011	5203	4661	54	1377	0	1377	3648.98	5421	17089	1391
O	Jul 2011	3767	3195	74	1483	0	1483	3660.86	5542	18605	1502
R	Aug 2011	664	780	74	1479	0	1479	3655.34	5485	17890	1501
I	Sep 2011	456	669	67	922	0	922	3653.01	5461	17593	957
	WY 2011	**15971**	**15498**	**467**	**12518**	**0**	**12518**				**12731**
C	Oct 2011	513	630	45	956	0	956	3650.27	5434	17249	984
A	Nov 2011	509	533	43	1099	0	1099	3645.69	5389	16685	1108
L	Dec 2011	359	487	33	1223	0	1223	3639.74	5331	15972	1228
*	Jan 2012	356	503	10	852	0	852	3636.90	5305	15640	862
	Feb 2012	390	497	11	650	0	650	3635.59	5293	15488	650
	Mar 2012	550	596	19	600	0	600	3635.40	5291	15467	600
	Apr 2012	800	730	29	600	0	600	3636.20	5298	15559	600
	May 2012	1550	1313	36	600	0	600	3641.55	5349	16187	600
	Jun 2012	1960	1662	57	717	0	717	3648.33	5414	17009	717
	Jul 2012	740	706	69	890	0	890	3646.42	5396	16775	890
	Aug 2012	393	512	68	800	0	800	3643.70	5369	16445	800
	Sep 2012	364	471	62	476	0	476	3643.18	5364	16382	476
	WY 2012	**8483**	**8638**	**483**	**9463**	**0**	**9463**				**9514**
	Oct 2012	512	550	43	491	0	491	3643.31	5365	16397	491
	Nov 2012	473	502	41	600	0	600	3642.23	5355	16268	600
	Dec 2012	363	438	33	800	0	800	3639.15	5326	15903	800
	Jan 2013	361	456	10	800	0	800	3636.34	5300	15575	800
	Feb 2013	393	459	11	600	0	600	3635.12	5288	15434	600
	Mar 2013	665	603	19	600	0	600	3635.00	5287	15420	600
	Apr 2013	1056	875	29	800	0	800	3635.36	5291	15462	800
	May 2013	2343	2099	36	840	0	840	3644.94	5381	16594	840
	Jun 2013	2666	2382	59	1065	0	1065	3654.32	5474	17760	1065
	Jul 2013	1091	1005	72	1200	0	1200	3652.37	5455	17512	1200
	Aug 2013	500	616	70	1079	0	1079	3648.41	5415	17019	1079
	Sep 2013	408	544	64	800	0	800	3646.00	5392	16723	800
	WY 2013	**10831**	**10530**	**487**	**9675**	**0**	**9675**				**9675**
	Oct 2013	512	580	44	600	0	600	3645.51	5387	16664	600
	Nov 2013	473	526	42	600	0	600	3644.63	5378	16556	600
	Dec 2013	363	503	33	800	0	800	3642.08	5354	16250	800
	Jan 2014	361	468	10	800	0	800	3639.40	5328	15933	800

* Based on the Colorado River Basin Forecast Center'sMost Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 2012 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Glen Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Feb 2011	964	84	29	635	11.4	9	616	723	1095.78	11117
H	Mar 2011	1033	77	33	1006	16.4	15	1002	726	1096.39	11170
I	Apr 2011	940	140	40	1078	18.1	20	1066	722	1095.76	11115
S	May 2011	1171	104	47	1001	16.3	25	997	735	1097.90	11304
T	Jun 2011	1377	72	57	939	15.8	25	938	761	1102.38	11705
O	Jul 2011	1483	74	73	1001	16.3	26	1000	789	1107.07	12133
R	Aug 2011	1479	96	80	831	13.5	28	829	827	1113.45	12730
I	Sep 2011	922	96	67	670	11.3	18	668	844	1116.04	12977
	WY 2011	**12518**	**1157**	**578**	**9799**		**225**	**9676**			
C	Oct 2011	956	65	49	443	7.2	19	436	875	1121.00	13456
A	Nov 2011	1099	36	50	564	9.5	13	561	906	1125.82	13933
L	Dec 2011	1223	84	45	497	8.1	9	482	952	1132.83	14644
*	Jan 2012	852	56	37	713	11.6	9	742	976	1134.18	15022
	Feb 2012	650	92	34	780	13.6	15	780	971	1133.38	14940
	Mar 2012	600	80	38	905	14.7	19	905	954	1130.79	14675
	Apr 2012	600	60	46	1117	18.8	16	1117	922	1125.95	14187
	May 2012	600	49	52	1022	16.6	27	1022	895	1121.64	13762
	Jun 2012	717	23	62	949	15.9	24	949	876	1118.79	13484
	Jul 2012	890	50	77	889	14.5	28	889	873	1118.26	13433
	Aug 2012	800	109	82	826	13.4	29	826	871	1117.99	13406
	Sep 2012	476	70	67	673	11.3	19	673	858	1115.90	13206
	WY 2012	**9463**	**772**	**641**	**9378**		**228**	**9383**			
	Oct 2012	491	59	49	390	6.3	21	390	864	1116.79	13291
	Nov 2012	600	48	49	613	10.3	19	613	862	1116.46	13260
	Dec 2012	800	99	43	477	7.8	16	477	884	1120.00	13601
	Jan 2013	800	76	35	696	11.3	16	696	892	1121.24	13722
	Feb 2013	600	92	32	702	12.6	15	702	888	1120.69	13668
	Mar 2013	600	80	36	1040	16.9	21	1040	863	1116.64	13277
	Apr 2013	800	60	44	1128	19.0	17	1128	843	1113.40	12967
	May 2013	840	49	50	1018	16.6	27	1018	830	1111.35	12774
	Jun 2013	1065	23	60	945	15.9	23	945	834	1111.95	12830
	Jul 2013	1200	50	76	936	15.2	25	936	847	1114.07	13031
	Aug 2013	1079	109	81	845	13.7	27	845	861	1116.36	13250
	Sep 2013	800	70	67	673	11.3	19	673	868	1117.44	13353
	WY 2013	**9675**	**815**	**622**	**9463**		**247**	**9463**			
	Oct 2013	600	59	49	454	7.4	23	454	876	1118.73	13479
	Nov 2013	600	48	49	546	9.2	22	546	878	1119.03	13507
	Dec 2013	800	99	43	480	7.8	17	480	900	1122.48	13844
	Jan 2014	800	76	35	696	11.3	20	696	907	1123.67	13961

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 2012 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Feb 2011	635	-10	10	586	0	586	10.5	643.01	1699
H	Mar 2011	1006	-11	13	976	0	976	15.9	643.23	1705
I	Apr 2011	1078	-13	17	1047	0	1047	17.6	643.30	1707
S	May 2011	1001	-10	22	949	0	949	15.4	644.04	1727
T	Jun 2011	939	-9	25	954	0	954	16.0	642.27	1679
O	Jul 2011	1001	-10	25	943	0	943	15.3	643.11	1702
R	Aug 2011	831	-6	23	822	0	822	13.4	642.38	1682
I	Sep 2011	670	-6	18	717	0	717	12.1	639.73	1610
	WY 2011	**9799**	**-120**	**198**	**9446**	**0**	**9446**			
C	Oct 2011	443	7	15	611	0	611	9.9	633.03	1435
A	Nov 2011	564	-11	10	466	0	466	7.8	635.99	1511
L	Dec 2011	497	-28	9	385	0	385	6.3	638.82	1586
*	Jan 2012	713	-23	10	638	0	638	10.4	640.38	1628
	Feb 2012	780	-6	10	708	0	708	12.3	642.50	1685
	Mar 2012	905	-15	13	877	0	877	14.3	642.50	1685
	Apr 2012	1117	-15	17	1072	0	1072	18.0	643.00	1699
	May 2012	1022	-10	22	990	0	990	16.1	643.00	1699
	Jun 2012	949	-6	25	945	0	945	15.9	642.00	1671
	Jul 2012	889	1	25	878	0	878	14.3	641.50	1658
	Aug 2012	826	-5	23	798	0	798	13.0	641.50	1658
	Sep 2012	673	1	18	750	0	750	12.6	638.00	1564
	WY 2012	**9378**	**-110**	**197**	**9117**	**0**	**9117**			
	Oct 2012	390	3	14	571	0	571	9.3	630.49	1371
	Nov 2012	613	-10	10	479	0	479	8.0	635.00	1486
	Dec 2012	477	-13	9	357	0	357	5.8	638.71	1583
	Jan 2013	696	-17	10	587	0	587	9.5	641.80	1666
	Feb 2013	702	-6	10	687	0	687	12.4	641.80	1666
	Mar 2013	1040	-15	13	978	0	978	15.9	643.05	1700
	Apr 2013	1128	-15	17	1098	0	1098	18.5	643.00	1699
	May 2013	1018	-10	22	985	0	985	16.0	643.00	1699
	Jun 2013	945	-6	25	941	0	941	15.8	642.00	1671
	Jul 2013	936	1	25	925	0	925	15.0	641.50	1658
	Aug 2013	845	-5	23	818	0	818	13.3	641.50	1658
	Sep 2013	673	1	18	750	0	750	12.6	638.00	1564
	WY 2013	**9463**	**-91**	**196**	**9175**	**0**	**9175**			
	Oct 2013	454	3	15	572	0	572	9.3	633.00	1434
	Nov 2013	546	-10	10	475	0	475	8.0	635.00	1486
	Dec 2013	480	-13	9	361	0	361	5.9	638.71	1583
	Jan 2014	696	-17	10	587	0	587	9.5	641.80	1666

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 2012 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	Feb 2011	586	15	8	415	7.5	23	135	447.29	567	173	3.1
H	Mar 2011	976	6	9	694	11.3	71	181	448.06	581	199	3.2
I	Apr 2011	1047	18	11	786	13.2	71	180	448.54	590	204	3.4
S	May 2011	949	17	13	691	11.2	83	167	448.68	593	115	1.9
T	Jun 2011	954	14	15	708	11.9	96	155	447.73	575	120	2.0
O	Jul 2011	943	34	17	762	12.4	100	77	448.22	584	127	2.1
R	Aug 2011	822	25	17	669	10.9	91	60	448.13	583	97	1.6
I	Sep 2011	717	30	15	538	9.0	83	102	448.28	585	91	1.5
	WY 2011	**9446**	**263**	**140**	**6837**		**964**	**1652**			**1634**	
C	Oct 2011	611	31	12	472	7.7	8	149	447.97	579	62	1.0
A	Nov 2011	466	37	9	321	5.4	7	175	447.32	567	93	1.6
L	Dec 2011	385	27	6	267	4.3	15	151	445.69	537	108	1.7
*	Jan 2012	638	12	6	382	6.2	54	187	446.61	554	131	2.1
	Feb 2012	708	6	8	465	8.1	49	170	447.50	571	158	2.8
	Mar 2012	877	22	9	685	11.1	13	184	447.50	571	187	3.0
	Apr 2012	1072	18	11	781	13.1	96	170	448.70	593	205	3.5
	May 2012	990	13	13	702	11.4	99	177	448.70	593	112	1.8
	Jun 2012	945	9	16	687	11.5	102	137	448.70	593	114	1.9
	Jul 2012	878	15	17	728	11.8	83	64	448.00	580	115	1.9
	Aug 2012	798	18	17	647	10.5	84	64	447.50	571	105	1.7
	Sep 2012	750	15	15	570	9.6	81	103	446.81	557	102	1.7
	WY 2012	**9117**	**225**	**140**	**6706**		**691**	**1731**			**1492**	
	Oct 2012	571	20	12	451	7.3	15	114	446.31	548	64	1.0
	Nov 2012	479	26	8	382	6.4	11	93	446.50	552	102	1.7
	Dec 2012	357	21	6	277	4.5	12	78	446.50	552	106	1.7
	Jan 2013	587	15	6	356	5.8	94	141	446.50	552	122	2.0
	Feb 2013	687	6	8	461	8.3	84	135	446.50	552	153	2.8
	Mar 2013	978	22	9	708	11.5	94	178	446.70	555	208	3.4
	Apr 2013	1098	18	11	796	13.4	90	172	448.70	593	200	3.4
	May 2013	985	13	13	703	11.4	94	178	448.70	593	111	1.8
	Jun 2013	941	9	16	676	11.4	90	155	448.70	593	112	1.9
	Jul 2013	925	15	17	730	11.9	94	98	448.00	580	118	1.9
	Aug 2013	818	18	17	625	10.2	94	97	447.50	571	92	1.5
	Sep 2013	750	15	15	530	8.9	77	147	446.81	557	89	1.5
	WY 2013	**9175**	**199**	**139**	**6694**		**849**	**1589**			**1477**	
	Oct 2013	572	20	12	442	7.2	29	110	446.31	548	72	1.2
	Nov 2013	475	26	8	375	6.3	30	77	446.50	552	105	1.8
	Dec 2013	361	21	6	284	4.6	30	56	446.50	552	118	1.9
	Jan 2014	587	15	6	356	5.8	94	141	446.50	552	122	2.0

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 2012 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Feb 2011	635	11.4	1095.78	11117	353	447.78	1414.0	244.7	88	385.7
H	Mar 2011	1006	16.4	1096.39	11170	54	449.79	1232.0	398.2	75	395.8
I	Apr 2011	1078	18.1	1095.76	11115	-55	449.53	1157.0	430.9	70	399.6
S	May 2011	1001	16.3	1097.90	11304	189	452.71	1468.0	394.5	88	393.9
T	Jun 2011	939	15.8	1102.38	11705	401	457.87	1661.0	372.1	100	396.2
O	Jul 2011	1001	16.3	1107.07	12133	429	462.21	1698.0	403.2	100	402.6
R	Aug 2011	831	13.5	1113.45	12730	597	469.04	1721.0	338.8	100	407.7
I	Sep 2011	670	11.3	1116.04	12977	247	473.88	1757.0	272.0	100	406.1
	WY 2011	**9799**							**3848.4**		
C	Oct 2011	443	7.2	1121.00	13456	479	478.70	1311.0	178.9	74	403.5
A	Nov 2011	564	9.5	1125.82	13933	477	481.61	1110.0	233.8	61	414.3
L	Dec 2011	497	8.1	1132.83	14644	711	488.04	1374.0	207.2	75	417.3
*	Jan 2012	713	11.6	1134.18	15022	139	485.97	1146.0	308.0	61	432.1
	Feb 2012	780	13.6	1133.38	14940	-83	484.51	1282.0	344.3	68	441.1
	Mar 2012	905	14.7	1130.79	14675	-265	483.50	1040.0	402.4	56	444.6
	Apr 2012	1117	18.8	1125.95	14187	-488	477.40	1396.0	490.3	76	438.9
	May 2012	1022	16.6	1121.64	13762	-425	472.10	1472.0	433.9	81	424.5
	Jun 2012	949	15.9	1118.79	13484	-278	466.77	1802.0	398.5	100	420.0
	Jul 2012	889	14.5	1118.26	13433	-51	465.57	1800.0	375.5	100	422.5
	Aug 2012	826	13.4	1117.99	13406	-26	465.34	1800.0	345.7	100	418.7
	Sep 2012	673	11.3	1115.90	13206	-201	465.31	1785.0	275.5	100	409.2
	WY 2012	**9378**							**3993.9**		
	Oct 2012	390	6.3	1116.79	13291	85	467.81	1626.0	154.7	91	397.3
	Nov 2012	613	10.3	1116.46	13260	-31	472.00	1393.0	256.8	78	418.7
	Dec 2012	477	7.8	1120.00	13601	342	470.91	1407.0	197.2	78	413.6
	Jan 2013	696	11.3	1121.24	13722	121	471.00	1423.0	290.3	79	417.1
	Feb 2013	702	12.6	1120.69	13668	-54	471.56	1219.0	300.0	67	427.3
	Mar 2013	1040	16.9	1116.64	13277	-391	467.26	1463.0	438.4	82	421.5
	Apr 2013	1128	19.0	1113.40	12967	-310	462.55	1559.0	477.0	88	422.7
	May 2013	1018	16.6	1111.35	12774	-194	458.64	1756.0	415.4	100	408.1
	Jun 2013	945	15.9	1111.95	12830	56	458.25	1759.0	390.0	100	412.9
	Jul 2013	936	15.2	1114.07	13031	201	460.09	1759.0	385.6	100	412.1
	Aug 2013	845	13.7	1116.36	13250	219	462.45	1759.0	353.0	100	417.6
	Sep 2013	673	11.3	1117.44	13353	103	465.27	1759.0	275.5	100	409.1
	WY 2013	**9463**							**3933.9**		
	Oct 2013	454	7.4	1118.73	13479	125	469.56	1601.6	185.3	91	408.3
	Nov 2013	546	9.2	1119.03	13507	29	473.42	1372.4	225.2	78	412.3
	Dec 2013	480	7.8	1122.48	13844	337	473.42	1372.6	199.6	78	415.7
	Jan 2014	696	11.3	1123.67	13961	117	473.45	1381.4	291.5	79	418.9

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2118

Processed On: 2/9/2012 9:08:26AM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 2012 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Feb 2011	586	10.5	643.01	1699	29	139.78	181.1	73.6	71	125.6
H	Mar 2011	976	15.9	643.23	1705	6	138.82	204.0	123.0	80	126.0
I	Apr 2011	1047	17.6	643.30	1707	2	141.68	227.0	131.6	89	125.7
S	May 2011	949	15.4	644.04	1727	20	142.61	255.0	120.3	100	126.8
T	Jun 2011	954	16.0	642.27	1679	-48	140.41	249.9	120.6	98	126.4
O	Jul 2011	943	15.3	643.11	1702	23	143.18	255.0	119.3	100	126.5
R	Aug 2011	822	13.4	642.38	1682	-20	140.95	255.0	103.5	100	125.9
I	Sep 2011	717	12.1	639.73	1610	-72	137.99	255.0	90.2	100	125.8
	WY 2011	**9446**							**1182.3**		
C	Oct 2011	611	9.9	633.03	1435	-175	133.41	181.1	74.4	71	121.8
A	Nov 2011	466	7.8	635.99	1511	76	134.28	170.9	57.0	67	122.2
L	Dec 2011	385	6.3	638.82	1586	74	135.59	173.4	48.1	68	124.9
*	Jan 2012	638	10.4	640.38	1628	42	138.75	170.9	77.2	67	121.0
	Feb 2012	708	12.3	642.50	1685	57	137.15	163.2	88.3	64	124.8
	Mar 2012	877	14.3	642.50	1685	0	135.86	242.3	109.7	95	125.1
	Apr 2012	1072	18.0	643.00	1699	14	135.78	255.0	133.1	100	124.2
	May 2012	990	16.1	643.00	1699	0	136.04	255.0	123.6	100	124.9
	Jun 2012	945	15.9	642.00	1671	-27	135.51	255.0	117.7	100	124.6
	Jul 2012	878	14.3	641.50	1658	-14	134.73	255.0	109.2	100	124.4
	Aug 2012	798	13.0	641.50	1658	0	134.46	255.0	99.5	100	124.6
	Sep 2012	750	12.6	638.00	1564	-94	132.62	255.0	92.4	100	123.1
	WY 2012	**9117**							**1130.0**		
	Oct 2012	571	9.3	630.49	1371	-193	127.85	219.3	68.2	86	119.4
	Nov 2012	479	8.0	635.00	1486	115	125.53	244.8	56.7	96	118.5
	Dec 2012	357	5.8	638.71	1583	97	130.29	229.5	44.0	90	123.1
	Jan 2013	587	9.5	641.80	1666	83	134.09	221.9	73.1	87	124.7
	Feb 2013	687	12.4	641.80	1666	0	136.08	209.1	85.9	82	125.1
	Mar 2013	978	15.9	643.05	1700	34	135.86	239.7	121.7	94	124.5
	Apr 2013	1098	18.5	643.00	1699	-2	136.07	255.0	136.5	100	124.3
	May 2013	985	16.0	643.00	1699	0	136.04	255.0	123.1	100	125.0
	Jun 2013	941	15.8	642.00	1671	-27	135.51	255.0	117.2	100	124.6
	Jul 2013	925	15.0	641.50	1658	-14	134.73	255.0	114.8	100	124.1
	Aug 2013	818	13.3	641.50	1658	0	134.46	255.0	101.8	100	124.5
	Sep 2013	750	12.6	638.00	1564	-94	132.62	255.0	92.4	100	123.1
	WY 2013	**9175**							**1135.4**		
	Oct 2013	572	9.3	633.00	1434	-130	129.17	219.3	68.9	86	120.5
	Nov 2013	475	8.0	635.00	1486	51	126.85	244.8	56.8	96	119.7
	Dec 2013	361	5.9	638.71	1583	97	130.29	229.5	44.4	90	123.1
	Jan 2014	587	9.5	641.80	1666	83	134.09	221.9	73.1	87	124.7

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 2012 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Feb 2011	415	7.5	447.29	567	17	76.83	90.0	29.3	75	70.7
H	Mar 2011	694	11.3	448.06	581	15	80.18	112.8	47.4	94	68.4
I	Apr 2011	786	13.2	448.54	590	9	82.13	120.0	54.4	100	69.1
S	May 2011	691	11.2	448.68	593	3	80.58	120.0	47.9	100	69.3
T	Jun 2011	708	11.9	447.73	575	-18	81.68	114.0	49.9	95	70.4
O	Jul 2011	762	12.4	448.22	584	9	81.72	116.4	51.6	97	67.7
R	Aug 2011	669	10.9	448.13	583	-2	82.04	120.0	46.1	100	68.9
I	Sep 2011	538	9.0	448.28	585	3	82.16	120.0	39.4	100	73.2
	WY 2011	**6837**							**474.2**		
C	Oct 2011	472	7.7	447.97	579	-6	81.92	92.4	31.5	77	66.8
A	Nov 2011	321	5.4	447.32	567	-12	80.93	102.0	22.1	85	69.1
L	Dec 2011	267	4.3	445.69	537	-30	81.08	67.2	17.7	56	66.2
*	Jan 2012	382	6.2	446.61	554	17	80.68	67.2	25.6	56	67.1
	Feb 2012	465	8.1	447.50	571	17	75.61	94.8	30.5	79	65.6
	Mar 2012	685	11.1	447.50	571	0	75.92	97.2	45.6	81	66.6
	Apr 2012	781	13.1	448.70	593	23	75.47	120.0	51.8	100	66.3
	May 2012	702	11.4	448.70	593	0	76.05	120.0	46.7	100	66.5
	Jun 2012	687	11.5	448.70	593	0	76.05	120.0	45.7	100	66.5
	Jul 2012	728	11.8	448.00	580	-13	75.71	120.0	48.3	100	66.3
	Aug 2012	647	10.5	447.50	571	-10	75.13	120.0	42.5	100	65.6
	Sep 2012	570	9.6	446.81	557	-13	74.55	120.0	37.0	100	65.0
	WY 2012	**6706**							**444.9**		
	Oct 2012	451	7.3	446.31	548	-9	74.77	102.0	29.2	85	64.6
	Nov 2012	382	6.4	446.50	552	3	74.62	102.0	24.5	85	64.1
	Dec 2012	277	4.5	446.50	552	0	74.71	102.0	17.4	85	62.8
	Jan 2013	356	5.8	446.50	552	0	74.71	102.0	22.7	85	63.8
	Feb 2013	461	8.3	446.50	552	0	73.92	120.0	29.6	100	64.2
	Mar 2013	708	11.5	446.70	555	4	74.01	120.0	45.9	100	64.9
	Apr 2013	796	13.4	448.70	593	38	75.08	120.0	52.5	100	66.0
	May 2013	703	11.4	448.70	593	0	76.05	120.0	46.7	100	66.5
	Jun 2013	676	11.4	448.70	593	0	76.05	120.0	44.9	100	66.5
	Jul 2013	730	11.9	448.00	580	-13	75.71	120.0	48.4	100	66.3
	Aug 2013	625	10.2	447.50	571	-10	75.13	120.0	41.0	100	65.5
	Sep 2013	530	8.9	446.81	557	-13	74.55	120.0	34.4	100	64.8
	WY 2013	**6694**							**437.2**		
	Oct 2013	442	7.2	446.31	548	-9	74.77	102.0	28.5	85	64.6
	Nov 2013	375	6.3	446.50	552	3	74.62	102.0	24.0	85	64.1
	Dec 2013	284	4.6	446.50	552	0	74.71	102.0	17.9	85	62.9
	Jan 2014	356	5.8	446.50	552	0	74.71	102.0	22.7	85	63.8

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 2012 24-Month Study

Most Probable Inflow*

Upper Basin Power

	Date	Glen Canyon 1000 MWHR	Flaming Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Reservoir 1000 MWHR	Fontenelle Reservoir 1000 MWHR
*	Feb 2011	425	26	12	15	4	3
H	Mar 2011	453	23	21	26	15	4
	Winter 2011	**2299**	**156**	**79**	**97**	**48**	**19**
I	Apr 2011	415	65	26	37	21	5
S	May 2011	520	105	44	66	23	5
T	Jun 2011	634	98	36	61	23	5
O	Jul 2011	708					
R	Aug 2011	706	60	39	44	22	8
I	Sep 2011	442	58	34	41	22	6
	Summer 2011	**3425**	**386**	**179**	**248**	**111**	**30**
C	Oct 2011	446	48	28	33	18	5
A	Nov 2011	508	34	11	13	7	2
L	Dec 2011	563	43	25	30	17	6
*	Jan 2012	388	58	15	18	10	5
	Feb 2012	276	51	8	12	6	5
	Mar 2012	254	54	10	13	7	5
	Winter 2012	**2435**	**287**	**96**	**118**	**65**	**27**
	Apr 2012	254	52	13	20	11	4
	May 2012	256	66	21	32	19	6
	Jun 2012	309	72	19	29	17	8
	Jul 2012	385	33	30	39	19	10
	Aug 2012	345	33	30	37	18	8
	Sep 2012	205	31	24	29	15	7
	Summer 2012	**1753**	**287**	**137**	**185**	**100**	**43**
	Oct 2012	211	33	15	20	10	6
	Nov 2012	257	31	9	11	6	6
	Dec 2012	342	32	12	16	8	6
	Jan 2013	340	32	18	23	12	6
	Feb 2013	254	29	16	21	11	5
	Mar 2013	254	32	13	17	9	5
	Winter 2013	**1658**	**191**	**83**	**107**	**57**	**33**
	Apr 2013	338	31	14	21	12	5
	May 2013	359	46	30	46	23	7
	Jun 2013	463	84	23	34	22	9
	Jul 2013	525	37	35	42	23	10
	Aug 2013	470	37	38	45	23	9
	Sep 2013	346	36	35	42	21	6
	Summer 2013	**2155**	**236**	**140**	**189**	**104**	**39**
	Oct 2013	259	37	21	26	14	6
	Nov 2013	259	36	12	15	8	6
	Dec 2013	344	37	28	34	17	6
	Jan 2014	342	37	18	23	12	6

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 2012 24-Month Study

Most Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions

Date	Flaming George KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Total KAF	Flaming George KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****EFFECTIVE SPACE****										
Feb 2012	586	284	400	8682	9953	12355	22307	113	158	333	604	8682	12355	21641	1500	780	0	38.1
Mar 2012	677	291	408	8834	10210	12437	22647	203	167	341	711	8834	12437	21982	1500	905	0	37.8
Apr 2012	744	292	391	8855	10282	12702	22984	269	170	320	759	8855	12702	22316	1500	1117	0	37.5
May 2012	761	276	346	8763	10146	13190	23336	282	152	255	689	8763	13190	22642	1500	1022	0	37.9
Jun 2012	744	214	234	8135	9327	13615	22942	257	77	108	442	8135	13615	22192	1500	949	0	38.7
Jul 2012	601	114	216	7313	8243	13893	22137	101	-36	39	103	7313	13893	21310	1500	889	0	38.4
								****CREDITABLE SPACE****										
Aug 2012	517	144	234	7547	8443	13944	22387	517	144	234	896	7547	13944	22387	1500	826	0	37.9
Sep 2012	538	187	276	7877	8879	13971	22850	538	187	276	1002	7877	13971	22850	2270	673	0	37.4
Oct 2012	583	226	293	7940	9041	14171	23212	583	226	293	1101	7940	14171	23212	3040	390	0	37.3
Nov 2012	621	237	287	7925	9069	14086	23156	621	237	287	1144	7925	14086	23156	3810	613	0	37.2
Dec 2012	660	234	288	8054	9235	14117	23353	660	234	288	1182	8054	14117	23353	4580	477	0	37.2
Jan 2013	716	248	296	8419	9679	13776	23454	716	248	296	1260	8419	13776	23454	5350	696	0	37.0
								****EFFECTIVE SPACE****										
Jan 2013	716	248	296	8419	9679	13776	23454	363	248	185	797	8419	13776	22991	5350	696	0	37.0
Feb 2013	767	283	306	8747	10103	13655	23758	412	283	194	890	8747	13655	23292	1500	702	0	36.7
Mar 2013	805	314	305	8888	10312	13709	24020	448	314	192	955	8888	13709	23551	1500	1040	0	36.4
Apr 2013	796	321	255	8902	10274	14100	24375	435	321	139	895	8902	14100	23897	1500	1128	0	36.3
May 2013	756	295	173	8860	10085	14410	24495	388	295	37	720	8860	14410	23990	1500	1018	0	37.4
Jun 2013	648	195	187	7728	8758	14603	23361	269	192	15	476	7728	14603	22807	1500	945	0	38.9
Jul 2013	502	31	262	6562	7357	14547	21904	109	5	37	152	6562	14547	21261	1500	936	0	38.9
								****CREDITABLE SPACE****										
Aug 2013	411	27	282	6810	7530	14346	21877	411	27	282	720	6810	14346	21877	1500	845	0	38.5
Sep 2013	439	77	313	7303	8132	14127	22259	439	77	313	829	7303	14127	22259	2270	673	0	38.1
Oct 2013	493	144	322	7599	8559	14024	22583	493	144	322	960	7599	14024	22583	3040	454	0	37.9
Nov 2013	543	173	314	7658	8689	13898	22587	543	173	314	1031	7658	13898	22587	3810	546	0	37.8
Dec 2013	594	182	313	7766	8854	13870	22724	594	182	313	1088	7766	13870	22724	4580	480	0	37.8
Jan 2014	661	248	322	8072	9304	13533	22837	661	248	322	1232	8072	13533	22837	5350	696	0	37.6
								****EFFECTIVE SPACE****										
Jan 2014	661	248	322	8072	9304	13533	22837	306	248	186	741	8072	13533	22345	5350	696	0	37.6

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2118

Processed On: 2/9/2012 9:08:26AM

March 24-Month Study
Date: March 12, 2012

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

Reservoir	February Inflow (unregulated) (acre-feet)	Percent of Average (%)	March 11 Midnight Elevation (feet)	Reservoir Storage (acre-feet)
Fontenelle	30,000	108	6468.45	113,000
Flaming Gorge	47,000	106	6027.89	3,268,000
Blue Mesa	21,000	94	7483.33	531,000
Navajo	18,900	62	6054.55	1,280,000
Powell	343,000	87	3634.96	15,416,000

Expected Operations

The operation of Lake Powell and Lake Mead in this March 2012 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines), and reflects the 2012 Annual Operating Plan (AOP). Pursuant to the Interim Guidelines, the August 2011 24-Month Study projections of the January 1, 2012 system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2012.

Consistent with Section 6.A of the Interim Guidelines, the Lake Powell operational tier for water year 2012 is the Equalization Tier. The March 2012 24-Month Study projects the water year release volume from Lake Powell for 2012 to be 9.46 maf.

Consistent with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar year 2012.

The Interim Guidelines are available for download at http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The 2012 AOP is available for download at http://www.usbr.gov/lc/region/g4000/aop/AOP12.pdf.

Fontenelle Reservoir – Inflows for the month of February were 30 kaf, or 108% of average. The reservoir elevation is 6470 feet above sea level and 34% of capacity. Current inflows are approximately 650 cfs and reservoir releases are 1,200 cfs. Releases will likely be close to 1,200 cfs or slightly lower through the early spring months and the reservoir elevation will continue to decline until spring runoff begins. Current snowpack above Fontenelle Reservoir is 103% of average.

The Colorado Basin River Forecast Center and Natural Resources Conservation Service have issued the coordinated forecast for the April to July 2012 runoff season. Inflows forecasted to be 730 kaf, or 101% of average. Inflows over the next three months are forecasted by the River Forecast Center to be: 47 kaf (87%), 82,000 kaf(96%) and 156,000 kaf (95%) for March, April, and May respectively.

The next Fontenelle Working Group meeting is scheduled for April 26, 2012 at 10:00 am at the Seedskadee National Wildlife Refuge visitor's center. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir.

Flaming Gorge Reservoir – Unregulated inflow into Flaming Gorge Reservoir during the month of February was 47 thousand acre-feet (kaf), or 106 percent of 1981-2010 average inflow. Flaming Gorge Reservoir is releasing at an average daily release rate of 2,650 cfs/day and is anticipated to maintain releases during March-May between 2,300 and 2,700 cfs/day. Flaming Gorge reservoir elevation is decreasing and expected to continue decreasing through the winter to meet the May 1 target elevation of 6027 feet.

The Colorado Basin River Forecast Center and Natural Resources Conservation Service have issued the joint water supply forecast for the April-July runoff season. The March forecast for April-July unregulated inflow volume is 945 kaf (96 percent of average), which is an increase of 6 percent from the previous forecast. This volume corresponds with the average classification within the 2006 Record of Decision. The unregulated inflow volumes and percent of average for March, April and May are forecasted to be 98 kaf (96%), 145 kaf (109%), and 240 kaf (98%), respectively.

The next Flaming Gorge Working Group meeting is scheduled for April 18, 2012, at 1:00 p.m. at the Western Park Convention Center, 302 East 200 South, Vernal, Utah. The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stake holders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations and plans presented by Reclamation at these meetings. For more information on this group and these meetings please contact Heather Hermansen at 801-524-3883 or Ed Vidmar at 801-379-1182.

Aspinall Reservoirs – February unregulated inflow into Blue Mesa Reservoir was 22,000 acre-feet or 92 percent of average. On March 6, 2012 the basin snowpack was 82 percent of average, which is another increase of 10 percent from a month earlier. Precipitation during February was 110 percent of average. The current inflow rate into Blue Mesa Reservoir is about 450 cfs while reservoir releases are averaging about 525 cfs. The reservoir elevation is currently at 7483.47 feet, which corresponds to a storage content of about 532,000 acre-feet. This elevation is about 1 foot higher than last year's March elevation.

The latest Water Supply Forecast for Water Year 2012 has been issued and the April through July unregulated inflow is forecasted to be at 450,000 acre-feet (67% of normal), this is the same as last month's forecast. If this forecast holds through May 1st, the Black Canyon Water Right would call for a one day peak flow of 2,200 cfs. At this time Reclamation plans to continue to operate the Aspinall Unit to allow the water right to be met. Based on this forecast and the combination of meeting the Black Canyon Water this coming spring, Blue Mesa Reservoir is projected to not fill this runoff season. The projected fill is calculated to be about 7506.0 feet, or about 13.0 feet short of top of active conservation pool.

Releases from Crystal are currently set at 600 cfs. The Gunnison Diversion Tunnel is currently shut down for the season, with the exception of some small 50 to 100 cfs diversions taken bi-weekly for municipal water needs in Montrose, Colorado. The tunnel is expected to reopen for irrigation season sometime during the last week of March.

Reservoir releases are likely to change during March into May as we respond to changing forecasts and runoff conditions.

The next meeting of the "Aspinall Unit Working Group" will be held on Thursday, April 26, 2012 starting at 1:00 PM in Reclamation's Grand Junction Office. At this meeting, review of this winter's reservoir operations, and plans for this spring and summer operations will be discussed. These meetings are open forum discussions on the Aspinall Unit reservoir operations with many interested groups participating. Anyone needing further information about these meetings should contact Dan Crabtree in the Grand Junction Area Office at (970) 248-0652.

Navajo Reservoir - Releases from Navajo Reservoir remain near a constant 500 cfs. Reservoir releases are made for the authorized purposes of the Navajo Unit, and to attempt to maintain a target base flow through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell).

The San Juan River Basin Recovery Implementation Program recommends a target base flow of between 500 cfs and 1,000 cfs through the critical habitat area. The target base flow is calculated as the weekly average of gaged flows throughout the critical habitat area, therefore daily flows of less than 500 cfs may occur at some gages.

The current San Juan River basin snowpack as of March 6th is 81% of average snow water equivalent (SWE). For the Animas River Basin it is 84%. Pending significant changes in the weather and stream flow conditions, the reservoir release will likely remain at 500 cfs through this spring (2012).

Precipitation for the month of February in the San Juan River basin was about 125% of average as compared to January's 70% and December's 85% of average. Unregulated inflow into Navajo Reservoir during the month of February was 18,900 acre-feet, or 62 percent of average. Currently, the daily reservoir inflow is averaging about 350 cfs. Diversions for NIIP have currently restarted and have been as high as 200 cfs. The reservoir water surface elevation is at 6054.71 feet, which corresponds to a storage content of about 1,282,000 acre-feet.

A public meeting on Navajo Reservoir operations will be held on Wednesday, April 24, 2012, starting at 1:00 pm at the Civic Center in Farmington, New Mexico (200 West Arrington Street). At this meeting, review of this winter's reservoir operations, and plans for this spring and summer operations will be discussed. These meetings are open forum discussions on the operation of Navajo Reservoir with many interested groups participating. Anyone interested in the general operation of the reservoir is encouraged to attend. Please contact Ryan Christianson in Reclamation's Durango, Colorado Office at (970) 385-6590 for information about these meetings or the daily operation of Navajo Reservoir.

Glen Canyon Dam / Lake Powell –The monthly unregulated inflow volume to Lake Powell for February was 342 thousand acre-feet (kaf) (87% of average). This was 47 kaf below what was forecasted in early February. The release volume from Glen Canyon Dam in February was 652 kaf which was 2 kaf above what was projected for the month. As a result of these differences, the elevation of Lake Powell at the end of February was 0.32 feet (about 4 inches) lower than projected and the end of February elevation of Lake Powell was 3635.28 feet above sea level (64.72 feet below full pool).

Current snowpack conditions above Lake Powell are 80% of average (March 7, 2012) and the current Water Supply Forecast for Lake Powell (April through July Unregulated Inflow Volume) is 5.30 maf 74% of average. This forecast was updated on the March 2, 2012 by the Colorado Basin River Forecast Center.

Current Dam Operations

In August 2011, pursuant to the Interim Guidelines, the Operating Tier for Glen Canyon Dam was established to be the Equalization Tier. Under the Equalization Tier for 2012, with 1.233 maf of release carried over from 2011 to 2012, the annual release volume for 2012 could be as low as 9.46 maf or higher depending on actual inflow conditions. As hydrologic conditions for Lake Powell and Lake Mead change throughout the year, Reclamation will adjust operations of Glen Canyon Dam to release the appropriate annual volume during 2012 to achieve Equalization objectives as practicably as possible by September 30, 2012.

Releases from Glen Canyon Dam are now averaging about 9,750 cfs with fluctuations for power generation throughout the day that peak near 13,000 cfs in the afternoons and with early morning low level releases are about 7,000 cfs and this operation is consistent with the Glen Canyon Operating Criteria (Federal Register, Volume 62, No. 41, March 3, 1997). The release volume for March is scheduled to be 600 kaf. In April, the monthly release volume will likely be 600 kaf as well depending on snowpack and forecast conditions. Release fluctuations in April would likely be similar to March ranging from 7,000 cfs, in the early morning, to 13,000 cfs, in the afternoon.

In addition to daily scheduled fluctuations for power generation, the instantaneous releases from Glen Canyon Dam may also fluctuate to provide 40 MW of system regulation. These instantaneous release adjustments stabilize the electrical generation and transmission system and translate to a range of about 1100 cfs above or below the hourly scheduled release rate. Typically, fluctuations for system regulation are very short lived and balance out over the hour and do not have noticeable impacts on downstream river flow conditions.

Releases from Glen Canyon Dam can also fluctuate beyond scheduled fluctuations for power generation when called upon as a partner that shares reserve requirements within the electrical generator community (i.e. balancing area). There are many generators that supply electricity to the transmission system within the balancing area. At times, a participating generator may experience operating conditions such that it cannot make its scheduled delivery of electricity to the system (i.e. unscheduled outage). To provide system reliability, all participating electricity generators within the balancing area maintain a specified level of generation capacity (i.e. reserves) that can be called upon when an unscheduled outage occurs. Glen Canyon Dam typically maintains 113 MW of reserves for this purpose.

Reserve agreements allow the controllers of the balancing area to call upon Glen Canyon Dam to produce up to an additional 113 MW of electricity beyond what is originally scheduled for a given hour. Reserve calls can be maintained for a maximum of 2 hours after which time the generation rate should be returned to the original schedule. The 113 MW reserve requirement for Glen Canyon Dam translates to approximately 2,800 cfs of flow in the river. When the balancing area controllers call for reserve generation from Glen Canyon Dam, releases from the dam can exceed scheduled levels and have a noticeable impact on the river downstream from Glen Canyon Dam. But these calls for reserves are fairly infrequent and typically are for much less than the required level of 113 MW.

Current Inflow Forecasts and Model Projections

Over the next three months (March, April and May) the forecasted unregulated inflow volume to Lake Powell is projected to be 550 kaf (83% of average), 800 kaf (76% of average) and 1,730 kaf (74% of average), respectively. These percent of averages are all based on the historic period from 1981 through 2010. Combining this forecast with the

February Water Supply Forecast and extending projections to the end of WY2012, the most probable (i.e. 50% likely to be exceeded) unregulated inflow volume for WY2012 is projected to be 8.70 maf (80% of average). There is significant uncertainty associated with this forecast. Recent analysis indicates that it is reasonably possible for the actual unregulated inflow volume for water year 2012 to be as low as 6.6 maf (61% of average) or as high as 11.6 maf (107% of average) depending on the range of precipitation patterns that could occur over the next several months.

Based on the reasonable range inflow conditions that could occur this year, the annual release volume from Glen Canyon Dam could be as low as 9.46 maf to as high as 12.92 maf. Under the most probable inflow condition, the annual release volume is projected to be 9.46 maf and the elevation of Lake Powell at the end of WY2012 is projected to be 3644.3 feet above sea level. This elevation corresponds to a live storage volume of 16.52 maf (68% of full capacity).

Upper Colorado River Basin Hydrology

Since water year 2005, hydrologic conditions in the Upper Colorado River Basin have been near average with significant variability from year to year. The unregulated inflow to Lake Powell, which is a good measure of the hydrologic condition in the Colorado River Basin, has averaged a water year volume of 10.98 maf (101% of average (period 1981-2010)) during the period from 2005 through 2011. The hydrologic variability during this period has been from a low water year unregulated inflow volume of 8.62 maf (80% of average) in water year 2006 to a high water year unregulated inflow volume of 15.97 maf (147% of average) which occurred in water year 2011.

Overall reservoir storage in the Colorado River Basin has increased by over 8 maf since the beginning of water year 2005 and this is a significant improvement over the drought conditions during water years 2000 through 2004. On October 1, 2004, the beginning of water year 2005, the total reservoir storage in the Colorado River Basin was 29.84 maf (50.2% of capacity). On October 1, 2011, the beginning of water year 2012, the total reservoir storage in the Colorado River Basin was 38.66 maf (64.8% of capacity). As of March 7, 2012 the total reservoir storage in the Colorado River Basin was 37.83 maf (63.4% of capacity).

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-430
125 SOUTH STATE STREET, ROOM 6107
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-3709

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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:	Obs			feb	Forecast		Outlook		
:	nov	dec	jan	feb	%Avg	mar	apr	may	apr-jul	%Avg
GLDA3:Lake Powell	506	363	356	343	87%:	550/	800/	1730/	5300/:	74%
GBRW4:Fontenelle	46	35	32	30	108%:	47/	82/	156/	730/:	101%
GRNU1:Flaming Gorge	64	38	45	47	106%:	98/	145/	240/	945/:	96%
BMDC2:Blue Mesa	29	24	22	21	94%:	30/	64/	150/	450/:	67%
MPSC2:Morrow Point	30	25	23	22	88%:	33/	73/	166/	500/:	68%
CLSC2:Crystal	34	28	27	26	90%:	38/	84/	190/	555/:	66%
TPIC2:Taylor Park	5.2	4.1	3.8	3.9	103%:	3.8/	7/	23/	72/:	73%
VCRC2:Vallecito	8.6	5.3	4.7	4.3	91%:	6.5/	24/	70/	185/:	95%
NVRN5:Navajo	31	19.0	17.7	18.9	62%:	65/	145/	255/	650/:	88%
LEMC2:Lemon	1.49	1.00	0.78	0.70	92%:	1.3/	6/	21/	52/:	95%
MPHC2:McPhee	4.9	2.8	3.0	3.3	66%:	13/	55/	115/	240/:	81%
RBSC2:Ridgway	5.7	4.1	4.0	3.5	97%:	5.1/	9.5/	26/	90/:	89%

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 2012 24-Month Study

Most Probable Inflow*

Fontenelle Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Mar 2011	36	1	58	0	58	6473.74	136
H	Apr 2011	92	1	84	15	100	6471.99	128
I	May 2011	161	1	89	79	168	6470.20	120
S	Jun 2011	429	1	87	283	370	6481.96	178
T	Jul 2011	539	2	110	313	424	6498.87	290
O	Aug 2011	118	2	88	1	89	6502.38	317
R	Sep 2011	49	2	66	0	66	6499.90	298
	WY 2011	**1581**	**14**	**801**	**747**	**1549**		
I	Oct 2011	50	1	56	18	74	6496.55	273
C	Nov 2011	46	1	22	49	71	6492.84	247
A	Dec 2011	35	1	74	0	74	6486.86	207
L	Jan 2012	32	1	74	0	74	6479.61	165
*	Feb 2012	30	0	69	0	69	6471.56	126
	Mar 2012	47	0	74	0	74	6464.90	99
	Apr 2012	82	1	71	0	71	6467.48	109
	May 2012	156	1	97	0	97	6479.97	167
	Jun 2012	320	2	102	83	185	6500.07	299
	Jul 2012	172	3	101	24	125	6505.75	344
	Aug 2012	75	2	87	0	87	6503.88	329
	Sep 2012	45	2	69	0	69	6500.55	303
	WY 2012	**1090**	**15**	**896**	**175**	**1071**		
	Oct 2012	49	1	71	0	71	6497.39	280
	Nov 2012	42	1	69	0	69	6493.55	252
	Dec 2012	32	1	71	0	71	6487.60	212
	Jan 2013	30	1	71	0	71	6480.78	171
	Feb 2013	28	1	64	0	64	6473.41	134
	Mar 2013	53	0	74	0	74	6468.37	112
	Apr 2013	85	1	83	0	83	6468.87	114
	May 2013	164	1	98	7	105	6480.91	172
	Jun 2013	299	2	102	67	169	6500.14	300
	Jul 2013	178	3	101	32	133	6505.51	342
	Aug 2013	77	2	88	0	88	6503.83	328
	Sep 2013	46	2	69	0	69	6500.55	303
	WY 2013	**1082**	**15**	**961**	**106**	**1067**		
	Oct 2013	49	1	72	0	72	6497.29	279
	Nov 2013	42	1	69	0	69	6493.37	251
	Dec 2013	32	1	72	0	72	6487.31	211
	Jan 2014	30	1	72	0	72	6480.34	169
	Feb 2014	28	0	65	0	65	6472.75	131

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 2012 24-Month Study

Most Probable Inflow*

Flaming Gorge Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	Mar 2011	98	120	3	59	0	59	127	6024.99	3160	178
H	Apr 2011	159	166	5	172	0	172	127	6024.71	3150	480
I	May 2011	327	334	8	279	47	326	127	6024.73	3150	1110
S	Jun 2011	667	608	10	254	173	427	133	6029.11	3315	1570
T	Jul 2011	771	656	14	263	94	357	144	6036.07	3590	905
O	Aug 2011	144	115	13	148	0	148	142	6034.95	3544	246
R	Sep 2011	58	76	11	144	0	144	139	6033.03	3467	200
	WY 2011	**2414**	**2381**	**80**	**1661**	**314**	**1975**				**5234**
I	Oct 2011	74	97	7	120	0	121	138	6032.27	3437	187
C	Nov 2011	64	89	4	88	0	88	138	6032.21	3435	144
A	Dec 2011	38	77	2	108	0	108	137	6031.41	3404	146
L	Jan 2012	45	87	2	148	0	148	134	6029.85	3343	187
*	Feb 2012	47	86	2	140	0	140	132	6028.43	3289	186
	Mar 2012	98	125	3	161	0	161	131	6027.42	3251	161
	Apr 2012	145	134	5	158	0	158	130	6026.70	3224	158
	May 2012	240	181	8	192	0	192	129	6026.23	3206	192
	Jun 2012	365	230	10	200	0	200	130	6026.74	3225	200
	Jul 2012	195	148	13	92	0	92	131	6027.83	3266	92
	Aug 2012	84	97	13	92	0	92	131	6027.63	3258	92
	Sep 2012	54	78	11	89	0	89	130	6027.05	3237	89
	WY 2012	**1449**	**1429**	**80**	**1588**	**1**	**1589**				**1835**
	Oct 2012	59	81	7	92	0	92	129	6026.59	3219	92
	Nov 2012	51	78	3	89	0	89	129	6026.20	3205	89
	Dec 2012	35	74	2	92	0	92	128	6025.69	3186	92
	Jan 2013	40	81	2	92	0	92	128	6025.35	3173	92
	Feb 2013	45	81	2	83	0	83	127	6025.24	3169	83
	Mar 2013	102	124	3	92	0	92	129	6025.98	3196	92
	Apr 2013	134	131	5	89	0	89	130	6026.92	3232	89
	May 2013	245	186	8	129	0	129	132	6028.19	3280	129
	Jun 2013	390	259	10	230	0	230	133	6028.68	3299	230
	Jul 2013	210	166	14	101	0	101	135	6029.95	3347	101
	Aug 2013	89	100	13	101	0	101	134	6029.59	3333	101
	Sep 2013	55	79	11	98	0	98	133	6028.82	3304	98
	WY 2013	**1455**	**1440**	**80**	**1290**	**0**	**1290**				**1290**
	Oct 2013	59	82	7	101	0	101	132	6028.14	3278	101
	Nov 2013	51	78	3	98	0	98	131	6027.55	3255	98
	Dec 2013	35	74	2	101	0	101	130	6026.82	3228	101
	Jan 2014	40	82	2	101	0	101	129	6026.27	3207	101
	Feb 2014	45	82	2	92	0	92	129	6025.95	3195	92

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 2012 24-Month Study

Most Probable Inflow*

Taylor Park Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Mar 2011	5	6	9311.89	73
H	Apr 2011	7	8	9311.44	72
I	May 2011	22	33	9304.21	61
S	Jun 2011	65	28	9326.09	98
T	Jul 2011	37	39	9325.07	96
O	Aug 2011	12	24	9318.44	84
R	Sep 2011	7	20	9310.68	71
	WY 2011	**179**	**181**		
I	Oct 2011	7	9	9309.52	69
C	Nov 2011	5	6	9309.15	69
A	Dec 2011	4	6	9307.93	67
L	Jan 2012	4	5	9307.37	66
*	Feb 2012	4	4	9307.22	66
	Mar 2012	4	5	9306.43	64
	Apr 2012	7	5	9307.74	66
	May 2012	23	10	9315.72	79
	Jun 2012	30	18	9322.39	91
	Jul 2012	12	20	9318.01	83
	Aug 2012	8	18	9311.86	73
	Sep 2012	6	16	9305.69	63
	WY 2012	**114**	**122**		
	Oct 2012	7	10	9303.41	60
	Nov 2012	5	5	9303.49	60
	Dec 2012	5	5	9303.27	60
	Jan 2013	4	5	9302.81	59
	Feb 2013	4	4	9302.67	59
	Mar 2013	4	5	9302.28	58
	Apr 2013	9	5	9304.88	62
	May 2013	28	12	9315.13	78
	Jun 2013	42	20	9326.93	100
	Jul 2013	20	20	9327.00	100
	Aug 2013	10	20	9321.93	91
	Sep 2013	7	16	9317.16	82
	WY 2013	**146**	**127**		
	Oct 2013	7	12	9314.06	77
	Nov 2013	5	6	9313.53	76
	Dec 2013	5	6	9312.73	74
	Jan 2014	4	6	9311.73	73
	Feb 2014	4	6	9310.49	71

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 2012 24-Month Study

Most Probable Inflow*

Blue Mesa Reservoir

	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Mar 2011	38	39	0	75	0	75	7478.48	495
H	Apr 2011	77	78	1	95	0	95	7475.97	477
I	May 2011	168	179	1	162	0	162	7478.26	493
S	Jun 2011	425	389	1	127	19	146	7508.73	735
T	Jul 2011	222	222	2	150	0	150	7516.80	806
O	Aug 2011	67	79	1	123	0	123	7511.67	760
R	Sep 2011	35	48	1	108	0	108	7504.54	699
	WY 2011	**1162**	**1163**	**8**	**1046**	**19**	**1065**		
I	Oct 2011	36	38	1	93	0	93	7497.84	644
C	Nov 2011	29	29	0	37	0	37	7496.82	635
A	Dec 2011	24	26	0	87	0	87	7489.07	574
L	Jan 2012	22	23	0	52	0	52	7485.29	545
*	Feb 2012	21	22	0	34	0	34	7483.66	533
	Mar 2012	30	31	0	27	0	27	7484.17	537
	Apr 2012	64	62	1	40	0	40	7486.98	558
	May 2012	150	137	1	72	0	72	7495.15	622
	Jun 2012	172	160	1	60	0	60	7507.08	721
	Jul 2012	64	72	1	99	0	99	7503.71	692
	Aug 2012	44	55	1	98	0	98	7498.35	648
	Sep 2012	32	42	1	79	0	79	7493.63	610
	WY 2012	**689**	**697**	**9**	**778**	**0**	**778**		
	Oct 2012	38	42	1	52	0	52	7492.24	599
	Nov 2012	31	31	0	23	0	23	7493.23	607
	Dec 2012	26	26	0	51	0	51	7490.00	581
	Jan 2013	24	25	0	61	0	61	7485.28	545
	Feb 2013	22	23	0	55	0	55	7480.89	513
	Mar 2013	36	37	0	44	0	44	7479.82	505
	Apr 2013	77	73	1	48	0	48	7483.17	529
	May 2013	221	205	1	124	0	124	7493.53	609
	Jun 2013	261	239	1	60	0	60	7514.68	787
	Jul 2013	117	117	2	100	0	100	7516.40	802
	Aug 2013	63	73	1	122	0	122	7510.76	752
	Sep 2013	38	47	1	115	0	115	7502.69	684
	WY 2013	**955**	**937**	**9**	**854**	**0**	**854**		
	Oct 2013	38	44	1	70	0	70	7499.43	657
	Nov 2013	31	32	0	40	0	40	7498.42	648
	Dec 2013	26	27	0	94	0	94	7490.00	581
	Jan 2014	24	26	0	67	0	67	7484.61	540
	Feb 2014	22	24	0	55	0	55	7480.45	509

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 2012 24-Month Study

Most Probable Inflow*

Morrow Point Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Mar 2011	38	75	1	75	73	0	73	7154.37	113
H	Apr 2011	84	95	7	102	104	0	104	7152.20	111
I	May 2011	191	162	23	185	181	0	181	7156.18	114
S	Jun 2011	455	146	30	176	170	0	176	7155.72	114
T	Jul 2011	231	150	9	159	159	0	159	7155.22	113
O	Aug 2011	68	123	1	125	124	0	124	7155.77	114
R	Sep 2011	36	108	1	109	115	0	115	7148.00	108
	WY 2011	**1236**	**1065**	**74**	**1139**	**1133**	**0**	**1139**		
I	Oct 2011	37	93	1	94	91	0	91	7151.08	110
C	Nov 2011	30	37	2	39	38	0	38	7151.73	110
A	Dec 2011	25	87	0	88	85	0	85	7154.97	113
L	Jan 2012	23	52	1	53	52	0	52	7155.61	113
*	Feb 2012	22	34	1	35	35	0	35	7155.27	113
	Mar 2012	33	27	3	30	31	0	31	7153.73	112
	Apr 2012	73	40	9	49	49	0	49	7153.73	112
	May 2012	166	72	16	88	88	0	88	7153.73	112
	Jun 2012	190	60	18	78	78	0	78	7153.73	112
	Jul 2012	71	99	7	106	106	0	106	7153.73	112
	Aug 2012	48	98	4	102	102	0	102	7153.73	112
	Sep 2012	35	79	3	82	82	0	82	7153.73	112
	WY 2012	**753**	**778**	**64**	**842**	**837**	**0**	**837**		
	Oct 2012	41	52	3	55	55	0	55	7153.73	112
	Nov 2012	33	23	2	25	25	0	25	7153.73	112
	Dec 2012	28	51	2	53	53	0	53	7153.73	112
	Jan 2013	27	61	2	63	63	0	63	7153.73	112
	Feb 2013	25	55	3	58	58	0	58	7153.73	112
	Mar 2013	40	44	4	48	48	0	48	7153.73	112
	Apr 2013	88	48	11	59	59	0	59	7153.73	112
	May 2013	247	124	26	150	150	0	150	7153.73	112
	Jun 2013	281	60	20	80	80	0	80	7153.73	112
	Jul 2013	123	100	6	106	106	0	106	7153.73	112
	Aug 2013	67	122	3	125	125	0	125	7153.73	112
	Sep 2013	41	115	3	117	117	0	117	7153.73	112
	WY 2013	**1040**	**854**	**85**	**939**	**939**	**0**	**939**		
	Oct 2013	41	70	3	73	73	0	73	7153.73	112
	Nov 2013	33	40	2	42	42	0	42	7153.73	112
	Dec 2013	28	94	2	96	96	0	96	7153.73	112
	Jan 2014	27	67	2	69	69	0	69	7153.73	112
	Feb 2014	25	55	3	58	58	0	58	7153.73	112

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 2012 24-Month Study

Most Probable Inflow*

Crystal Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
*	Mar 2011	43	73	5	78	78	0	78	6751.94	17	5	76
H	Apr 2011	92	104	8	112	110	2	112	6752.03	17	38	79
I	May 2011	204	181	13	195	126	68	194	6753.39	17	63	137
S	Jun 2011	516	176	61	237	120	81	237	6752.90	17	62	183
T	Jul 2011	255	159	23	182	128	58	186	6739.47	13	62	136
O	Aug 2011	75	124	7	131	126	2	129	6748.39	16	66	70
R	Sep 2011	39	115	4	119	120	0	120	6744.21	14	64	62
	WY 2011	**1375**	**1139**	**139**	**1278**	**1008**	**235**	**1279**			**413**	**912**
I	Oct 2011	41	91	4	96	94	0	94	6749.65	16	53	44
C	Nov 2011	34	38	4	42	41	1	41	6751.53	17	1	41
A	Dec 2011	28	85	3	88	89	0	89	6750.95	16	1	90
L	Jan 2012	27	52	3	56	53	3	56	6751.28	16	1	57
*	Feb 2012	26	35	3	38	15	23	38	6751.90	17	1	
	Mar 2012	38	31	5	36	36	0	36	6753.04	17	5	31
	Apr 2012	84	49	11	60	60	0	60	6753.04	17	30	30
	May 2012	190	88	24	112	112	0	112	6753.04	17	55	57
	Jun 2012	208	78	18	96	96	0	96	6753.04	17	60	36
	Jul 2012	73	106	2	108	108	0	108	6753.04	17	65	43
	Aug 2012	52	102	4	105	105	0	105	6753.04	17	65	40
	Sep 2012	39	82	5	86	86	0	86	6753.04	17	55	31
	WY 2012	**839**	**837**	**86**	**923**	**894**	**26**	**921**			**390**	**500**
	Oct 2012	47	55	6	61	61	0	61	6753.04	17	30	31
	Nov 2012	38	25	5	30	30	0	30	6753.04	17	0	30
	Dec 2012	32	53	5	58	58	0	58	6753.04	17	0	58
	Jan 2013	31	63	5	68	68	0	68	6753.04	17	0	68
	Feb 2013	29	58	4	61	61	0	61	6753.04	17	0	61
	Mar 2013	46	48	6	54	54	0	54	6753.04	17	5	49
	Apr 2013	101	59	12	72	72	0	72	6753.04	17	30	42
	May 2013	281	150	34	184	134	50	184	6753.04	17	55	129
	Jun 2013	315	80	34	114	114	0	114	6753.04	17	60	54
	Jul 2013	138	106	14	120	120	0	120	6753.04	17	65	55
	Aug 2013	75	125	8	134	134	0	134	6753.04	17	65	69
	Sep 2013	47	117	6	123	123	0	123	6753.04	17	55	68
	WY 2013	**1180**	**939**	**140**	**1079**	**1029**	**50**	**1079**			**365**	**714**
	Oct 2013	47	73	6	79	79	0	79	6753.04	17	30	49
	Nov 2013	38	42	5	47	47	0	47	6753.04	17	0	47
	Dec 2013	32	96	5	101	101	0	101	6753.04	17	0	101
	Jan 2014	31	69	5	74	74	0	74	6753.04	17	0	74
	Feb 2014	29	58	4	61	61	0	61	6753.04	17	0	61

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 2012 24-Month Study

Most Probable Inflow*

Vallecito Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Mar 2011	7	2	7645.67	77
H	Apr 2011	22	4	7653.10	95
I	May 2011	44	27	7659.70	111
S	Jun 2011	79	64	7664.94	125
T	Jul 2011	23	39	7658.78	109
O	Aug 2011	9	37	7647.29	81
R	Sep 2011	8	29	7637.58	59
	WY 2011	**225**	**222**		
I	Oct 2011	15	9	7640.42	65
C	Nov 2011	9	2	7643.33	72
A	Dec 2011	5	2	7644.76	75
L	Jan 2012	5	3	7645.42	76
*	Feb 2012	4	4	7645.50	76
	Mar 2012	7	3	7647.01	80
	Apr 2012	24	3	7655.53	101
	May 2012	70	51	7662.70	119
	Jun 2012	67	60	7664.98	125
	Jul 2012	24	42	7658.09	107
	Aug 2012	18	38	7649.75	86
	Sep 2012	16	30	7643.94	73
	WY 2012	**263**	**246**		
	Oct 2012	16	17	7643.15	71
	Nov 2012	9	5	7644.85	75
	Dec 2012	6	5	7645.42	76
	Jan 2013	5	5	7645.58	77
	Feb 2013	5	4	7645.71	77
	Mar 2013	9	3	7648.00	82
	Apr 2013	23	3	7656.18	102
	May 2013	71	55	7662.50	119
	Jun 2013	70	63	7664.92	125
	Jul 2013	29	42	7659.99	112
	Aug 2013	20	38	7652.72	94
	Sep 2013	17	30	7647.52	81
	WY 2013	**281**	**269**		
	Oct 2013	16	19	7646.05	78
	Nov 2013	9	8	7646.41	79
	Dec 2013	6	3	7647.68	81
	Jan 2014	5	5	7647.84	82
	Feb 2014	5	4	7647.96	82

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 2012 24-Month Study

Most Probable Inflow*

Navajo Reservoir

	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azetea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Farmington Flow (1000 Ac-Ft)
*	Mar 2011	41	2	35	2	4	31	6058.28	1326	46
H	Apr 2011	115	14	84	2	19	31	6060.75	1357	44
I	May 2011	172	22	134	4	28	32	6066.13	1428	79
S	Jun 2011	252	43	193	4	42	113	6068.65	1462	295
T	Jul 2011	40	8	46	5	48	31	6065.88	1424	98
O	Aug 2011	3	2	29	4	47	46	6060.64	1356	47
R	Sep 2011	15	2	35	3	20	40	6058.35	1327	
	WY 2011	**737**	**93**	**641**	**28**	**220**	**478**			**838**
I	Oct 2011	54	4	44	2	10	33	6058.32	1327	55
C	Nov 2011	31	1	23	1	0	21	6058.38	1327	47
A	Dec 2011	19	0	16	1	1	30	6057.10	1311	56
L	Jan 2012	18	0	16	1	1	30	6055.85	1296	48
*	Feb 2012	19	0	19	1	1	28	6054.95	1285	
	Mar 2012	65	2	60	2	2	31	6057.02	1310	31
	Apr 2012	145	15	109	2	17	30	6061.75	1370	30
	May 2012	255	35	201	4	32	48	6070.50	1488	48
	Jun 2012	194	26	162	5	47	92	6071.78	1505	92
	Jul 2012	56	4	70	5	52	32	6070.41	1486	32
	Aug 2012	41	1	60	4	44	55	6067.27	1443	55
	Sep 2012	41	0	54	3	25	43	6066.03	1427	43
	WY 2012	**937**	**88**	**833**	**29**	**231**	**474**			**538**
	Oct 2012	47	1	48	2	6	34	6066.46	1432	34
	Nov 2012	34	0	29	1	0	30	6066.35	1431	30
	Dec 2012	25	0	24	1	0	31	6065.78	1423	31
	Jan 2013	22	0	21	1	0	31	6065.03	1413	31
	Feb 2013	30	0	30	1	0	28	6065.12	1414	28
	Mar 2013	92	3	84	2	2	31	6068.81	1464	31
	Apr 2013	170	15	135	3	18	34	6074.61	1546	34
	May 2013	277	37	223	4	32	200	6073.64	1532	200
	Jun 2013	224	31	185	5	48	208	6068.26	1457	208
	Jul 2013	66	6	73	5	53	35	6066.77	1436	35
	Aug 2013	45	2	61	4	45	43	6064.45	1406	43
	Sep 2013	43	0	55	3	26	35	6063.79	1397	35
	WY 2013	**1075**	**95**	**969**	**29**	**230**	**739**			**739**
	Oct 2013	47	1	49	2	6	33	6064.38	1405	33
	Nov 2013	34	1	32	1	0	30	6064.47	1406	30
	Dec 2013	25	0	22	1	0	31	6063.74	1396	31
	Jan 2014	22	0	21	1	0	31	6062.99	1386	31
	Feb 2014	30	0	30	1	0	28	6063.08	1387	28

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 2012 24-Month Study

Most Probable Inflow*

Lake Powell

	Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry (1000 Ac-Ft)
*	Mar 2011	581	583	16	1033	0	1033	3610.73	5078	12804	1046
H	Apr 2011	1136	1096	25	940	0	940	3611.93	5088	12926	963
I	May 2011	2440	2467	30	1171	0	1171	3623.13	5182	14098	1191
S	Jun 2011	5203	4661	54	1377	0	1377	3648.98	5421	17089	1391
T	Jul 2011	3767	3195	74	1483	0	1483	3660.86	5542	18605	1502
O	Aug 2011	664	780	74	1479	0	1479	3655.34	5485	17890	1501
R	Sep 2011	456	669	67	922	0	922	3653.01	5461	17593	957
	WY 2011	**15971**	**15498**	**467**	**12518**	**0**	**12518**				**12731**
I	Oct 2011	513	630	45	956	0	956	3650.27	5434	17249	979
C	Nov 2011	506	530	43	1099	0	1099	3645.67	5388	16683	1104
A	Dec 2011	363	490	33	1223	0	1223	3639.75	5332	15974	1226
L	Jan 2012	356	503	10	852	0	852	3636.91	5305	15641	846
*	Feb 2012	342	460	11	653	0	653	3635.28	5290	15453	654
	Mar 2012	550	581	19	600	0	600	3634.97	5287	15417	600
	Apr 2012	800	705	29	600	0	600	3635.59	5293	15488	600
	May 2012	1730	1464	36	600	0	600	3642.12	5354	16255	600
	Jun 2012	2000	1693	57	714	0	714	3649.14	5422	17108	714
	Jul 2012	770	734	70	890	0	890	3647.44	5406	16900	890
	Aug 2012	402	523	69	800	0	800	3644.82	5380	16580	800
	Sep 2012	368	477	63	476	0	476	3644.35	5376	16523	476
	WY 2012	**8700**	**8791**	**484**	**9463**	**0**	**9463**				**9490**
	Oct 2012	512	553	43	491	0	491	3644.49	5377	16540	491
	Nov 2012	473	499	42	600	0	600	3643.40	5366	16408	600
	Dec 2012	363	451	33	800	0	800	3640.44	5338	16055	800
	Jan 2013	361	459	10	800	0	800	3637.67	5312	15729	800
	Feb 2013	393	462	11	600	0	600	3636.48	5301	15591	600
	Mar 2013	665	606	19	600	0	600	3636.38	5300	15580	600
	Apr 2013	1056	878	30	850	0	850	3636.36	5300	15578	850
	May 2013	2343	2122	36	1000	0	1000	3644.86	5380	16584	1000
	Jun 2013	2666	2368	59	1100	0	1100	3653.88	5470	17704	1100
	Jul 2013	1091	993	72	1200	0	1200	3651.84	5449	17446	1200
	Aug 2013	500	616	70	1009	0	1009	3648.40	5415	17017	1009
	Sep 2013	408	546	64	800	0	800	3646.00	5392	16723	800
	WY 2013	**10831**	**10554**	**488**	**9850**	**0**	**9850**				**9850**
	Oct 2013	512	580	44	600	0	600	3645.51	5387	16664	600
	Nov 2013	473	526	42	600	0	600	3644.63	5378	16556	600
	Dec 2013	363	503	33	800	0	800	3642.08	5354	16250	800
	Jan 2014	361	474	10	800	0	800	3639.45	5329	15939	800
	Feb 2014	393	470	11	650	0	650	3637.95	5315	15762	650

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 2012 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Glen Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Mar 2011	1033	77	33	1006	16.4	15	1002	726	1096.39	11170
H	Apr 2011	940	140	40	1078	18.1	20	1066	722	1095.76	11115
I	May 2011	1171	104	47	1001	16.3	25	997	735	1097.90	11304
S	Jun 2011	1377	72	57	939	15.8	25	938	761	1102.38	11705
T	Jul 2011	1483	74	73	1001	16.3	26	1000	789	1107.07	12133
O	Aug 2011	1479	96	80	831	13.5	28	829	827	1113.45	12730
R	Sep 2011	922	96	67	670	11.3	18	668	844	1116.04	12977
	WY 2011	**12518**	**1157**	**578**	**9799**		**225**	**9676**			
I	Oct 2011	956	66	49	443	7.2	20	436	875	1121.00	13456
C	Nov 2011	1099	36	50	564	9.5	13	561	906	1125.82	13933
A	Dec 2011	1223	84	45	497	8.1	9	482	952	1132.83	14644
L	Jan 2012	852	56	37	713	11.6	10	712	976	1134.18	15022
*	Feb 2012	653	45	34	775	13.5	11	775	969	1133.06	14907
	Mar 2012	600	78	38	971	15.8	19	971	948	1129.84	14578
	Apr 2012	600	76	46	1112	18.7	17	1112	917	1125.17	14110
	May 2012	600	64	52	1036	16.8	28	1036	890	1120.86	13685
	Jun 2012	714	33	62	952	16.0	25	952	872	1118.04	13412
	Jul 2012	890	54	77	865	14.1	29	865	870	1117.78	13386
	Aug 2012	800	103	82	801	13.0	29	801	870	1117.69	13377
	Sep 2012	476	74	67	718	12.1	19	718	854	1115.20	13138
	WY 2012	**9463**	**769**	**640**	**9448**		**228**	**9421**			
	Oct 2012	491	49	49	421	6.9	22	421	857	1115.67	13184
	Nov 2012	600	46	49	534	9.0	19	534	860	1116.10	13225
	Dec 2012	800	108	42	494	8.0	16	494	881	1119.56	13558
	Jan 2013	800	78	35	694	11.3	16	694	889	1120.84	13683
	Feb 2013	600	98	32	703	12.7	15	703	886	1120.33	13634
	Mar 2013	600	78	36	1047	17.0	21	1047	860	1116.19	13234
	Apr 2013	850	76	44	1128	19.0	17	1128	844	1113.60	12986
	May 2013	1000	64	50	1010	16.4	27	1010	843	1113.36	12964
	Jun 2013	1100	33	61	945	15.9	23	945	849	1114.39	13062
	Jul 2013	1200	54	77	935	15.2	25	935	862	1116.53	13266
	Aug 2013	1009	103	82	843	13.7	27	843	872	1118.08	13415
	Sep 2013	800	74	68	667	11.2	19	667	879	1119.25	13528
	WY 2013	**9850**	**861**	**624**	**9423**		**248**	**9423**			
	Oct 2013	600	49	50	456	7.4	23	456	887	1120.41	13642
	Nov 2013	600	46	50	546	9.2	22	546	888	1120.69	13668
	Dec 2013	800	108	43	481	7.8	17	481	911	1124.19	14012
	Jan 2014	800	78	36	694	11.3	20	694	919	1125.41	14133
	Feb 2014	650	98	33	703	12.7	18	703	918	1125.35	14127

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 2012 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Mar 2011	1006	-11	13	976	0	976	15.9	643.23	1705
H	Apr 2011	1078	-13	17	1047	0	1047	17.6	643.30	1707
I	May 2011	1001	-10	22	949	0	949	15.4	644.04	1727
S	Jun 2011	939	-9	25	954	0	954	16.0	642.27	1679
T	Jul 2011	1001	-10	25	943	0	943	15.3	643.11	1702
O	Aug 2011	831	-6	23	822	0	822	13.4	642.38	1682
R	Sep 2011	670	-6	18	717	0	717	12.1	639.73	1610
	WY 2011	**9799**	**-120**	**198**	**9446**	**0**	**9446**			
I	Oct 2011	443	7	15	611	0	611	9.9	633.03	1435
C	Nov 2011	564	-11	10	466	0	466	7.8	635.99	1511
A	Dec 2011	497	-28	9	385	0	385	6.3	638.82	1586
L	Jan 2012	713	-23	10	638	0	638	10.4	640.38	1628
*	Feb 2012	775	-18	10	726	0	726	12.6	641.20	1650
	Mar 2012	971	-14	13	908	0	908	14.8	642.50	1685
	Apr 2012	1112	-14	17	1068	0	1068	17.9	643.00	1699
	May 2012	1036	-14	22	1000	0	1000	16.3	643.00	1699
	Jun 2012	952	-10	25	943	0	943	15.9	642.00	1671
	Jul 2012	865	-4	25	849	0	849	13.8	641.50	1658
	Aug 2012	801	-7	23	771	0	771	12.5	641.50	1658
	Sep 2012	718	0	18	793	0	793	13.3	638.00	1564
	WY 2012	**9448**	**-138**	**197**	**9158**	**0**	**9158**			
	Oct 2012	421	0	14	600	0	600	9.8	630.49	1371
	Nov 2012	534	-15	10	394	0	394	6.6	635.00	1486
	Dec 2012	494	-19	9	368	0	368	6.0	638.71	1583
	Jan 2013	694	-13	10	588	0	588	9.6	641.80	1666
	Feb 2013	703	-6	10	687	0	687	12.4	641.80	1666
	Mar 2013	1047	-14	13	985	0	985	16.0	643.05	1700
	Apr 2013	1128	-14	17	1100	0	1100	18.5	643.00	1699
	May 2013	1010	-14	22	974	0	974	15.8	643.00	1699
	Jun 2013	945	-10	25	937	0	937	15.7	642.00	1671
	Jul 2013	935	-4	25	919	0	919	14.9	641.50	1658
	Aug 2013	843	-7	23	813	0	813	13.2	641.50	1658
	Sep 2013	667	0	18	742	0	742	12.5	638.00	1564
	WY 2013	**9423**	**-118**	**196**	**9109**	**0**	**9109**			
	Oct 2013	456	0	15	572	0	572	9.3	633.00	1434
	Nov 2013	546	-15	10	469	0	469	7.9	635.00	1486
	Dec 2013	481	-19	9	355	0	355	5.8	638.71	1583
	Jan 2014	694	-13	10	588	0	588	9.6	641.80	1666
	Feb 2014	703	-6	10	687	0	687	12.4	641.80	1666

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 2012 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

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	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	Mar 2011	976	6	9	694	11.3	71	186	448.06	581	199	3.2
H	Apr 2011	1047	18	11	786	13.2	71	180	448.54	590	204	3.4
I	May 2011	949	17	13	691	11.2	83	166	448.68	593	115	1.9
S	Jun 2011	954	14	15	708	11.9	96	155	447.73	575	120	2.0
T	Jul 2011	943	34	17	762	12.4	100	77	448.22	584	127	2.1
O	Aug 2011	822	25	17	669	10.9	91	60	448.13	583	97	1.6
R	Sep 2011	717	30	15	538	9.0	83	102	448.28	585	91	1.5
	WY 2011	**9446**	**263**	**140**	**6837**		**963**	**1657**			**1634**	
I	Oct 2011	611	31	12	472	7.7	8	149	447.97	579	62	1.0
C	Nov 2011	466	37	9	321	5.4	7	175	447.32	567	93	1.6
A	Dec 2011	385	27	6	267	4.3	15	151	445.69	537	108	1.7
L	Jan 2012	638	13	6	382	6.2	54	187	446.61	554	131	2.1
*	Feb 2012	726	12	8	497	8.6	49	169	447.10	563	159	2.8
	Mar 2012	908	18	9	697	11.3	21	184	447.50	571	187	3.0
	Apr 2012	1068	19	11	781	13.1	98	178	448.00	580	205	3.5
	May 2012	1000	18	13	695	11.3	101	183	448.70	593	112	1.8
	Jun 2012	943	15	16	688	11.6	98	143	448.70	593	114	1.9
	Jul 2012	849	21	17	728	11.8	101	23	448.00	580	115	1.9
	Aug 2012	771	22	17	647	10.5	84	42	447.50	571	105	1.7
	Sep 2012	793	20	15	567	9.5	81	154	446.81	557	102	1.7
	WY 2012	**9158**	**253**	**139**	**6742**		**717**	**1737**			**1492**	
	Oct 2012	600	23	12	454	7.4	7	153	446.31	548	64	1.0
	Nov 2012	394	32	8	382	6.4	3	23	446.50	552	102	1.7
	Dec 2012	368	26	6	278	4.5	3	103	446.50	552	106	1.7
	Jan 2013	588	15	6	358	5.8	94	141	446.50	552	122	2.0
	Feb 2013	687	7	8	462	8.3	84	135	446.50	552	153	2.8
	Mar 2013	985	18	9	711	11.6	94	178	446.70	555	208	3.4
	Apr 2013	1100	19	11	798	13.4	90	172	448.70	593	200	3.4
	May 2013	974	18	13	695	11.3	94	178	448.70	593	111	1.8
	Jun 2013	937	15	16	677	11.4	90	155	448.70	593	112	1.9
	Jul 2013	919	21	17	731	11.9	94	98	448.00	580	118	1.9
	Aug 2013	813	22	17	624	10.2	94	97	447.50	571	92	1.5
	Sep 2013	742	20	15	527	8.9	77	147	446.81	557	89	1.5
	WY 2013	**9109**	**237**	**139**	**6698**		**823**	**1581**			**1477**	
	Oct 2013	572	23	12	445	7.2	29	110	446.31	548	72	1.2
	Nov 2013	469	32	8	376	6.3	30	77	446.50	552	105	1.8
	Dec 2013	355	26	6	284	4.6	30	56	446.50	552	118	1.9
	Jan 2014	588	15	6	358	5.8	94	141	446.50	552	122	2.0
	Feb 2014	687	7	8	462	8.3	84	135	446.50	552	153	2.8

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 2012 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Mar 2011	1006	16.4	1096.39	11170	54	449.79	1232.0	398.2	75	395.8
H	Apr 2011	1078	18.1	1095.76	11115	-55	449.53	1157.0	430.9	70	399.6
I	May 2011	1001	16.3	1097.90	11304	189	452.71	1468.0	394.5	88	393.9
S	Jun 2011	939	15.8	1102.38	11705	401	457.87	1661.0	372.1	100	396.2
T	Jul 2011	1001	16.3	1107.07	12133	429	462.21	1698.0	403.2	100	402.6
O	Aug 2011	831	13.5	1113.45	12730	597	469.04	1721.0	338.8	100	407.7
R	Sep 2011	670	11.3	1116.04	12977	247	473.88	1757.0	272.0	100	406.1
	WY 2011	**9799**							**3848.4**		
I	Oct 2011	443	7.2	1121.00	13456	479	478.70	1311.0	178.9	74	403.5
C	Nov 2011	564	9.5	1125.82	13933	477	481.61	1110.0	233.8	61	414.3
A	Dec 2011	497	8.1	1132.83	14644	711	488.04	1374.0	207.2	75	417.3
L	Jan 2012	713	11.6	1134.18	15022	139	485.97	1146.0	308.0	61	432.1
*	Feb 2012	775	13.5	1133.06	14907	-115	484.32	1282.0	338.6	68	436.7
	Mar 2012	971	15.8	1129.84	14578	-329	483.30	1047.0	436.2	56	449.2
	Apr 2012	1112	18.7	1125.17	14110	-468	476.54	1392.0	486.8	76	438.0
	May 2012	1036	16.8	1120.86	13685	-424	471.33	1468.0	440.2	81	424.9
	Jun 2012	952	16.0	1118.04	13412	-274	466.01	1798.0	399.3	100	419.6
	Jul 2012	865	14.1	1117.78	13386	-25	464.97	1795.0	363.9	100	420.7
	Aug 2012	801	13.0	1117.69	13377	-9	464.95	1794.0	333.9	100	416.8
	Sep 2012	718	12.1	1115.20	13138	-239	464.81	1782.0	296.4	100	412.6
	WY 2012	**9448**							**4023.3**		
	Oct 2012	421	6.9	1115.67	13184	46	468.35	1394.0	170.4	78	404.3
	Nov 2012	534	9.0	1116.10	13225	41	471.27	1391.0	218.6	78	409.4
	Dec 2012	494	8.0	1119.56	13558	334	470.51	1407.0	205.0	78	415.3
	Jan 2013	694	11.3	1120.84	13683	124	470.63	1414.0	289.4	78	416.8
	Feb 2013	703	12.7	1120.33	13634	-49	469.96	1419.0	297.6	78	423.1
	Mar 2013	1047	17.0	1116.19	13234	-400	467.25	1400.0	443.2	78	423.3
	Apr 2013	1128	19.0	1113.60	12986	-247	463.33	1414.0	480.9	80	426.2
	May 2013	1010	16.4	1113.36	12964	-23	459.74	1756.0	412.6	100	408.5
	Jun 2013	945	15.9	1114.39	13062	98	460.47	1759.0	392.0	100	414.8
	Jul 2013	935	15.2	1116.53	13266	204	462.53	1771.0	387.2	100	414.0
	Aug 2013	843	13.7	1118.08	13415	150	464.52	1771.0	353.4	100	419.1
	Sep 2013	667	11.2	1119.25	13528	113	467.02	1771.0	273.5	100	409.9
	WY 2013	**9423**							**3923.8**		
	Oct 2013	456	7.4	1120.41	13642	113	472.73	1381.5	188.0	78	412.1
	Nov 2013	546	9.2	1120.69	13668	26	475.10	1380.1	225.7	78	413.5
	Dec 2013	481	7.8	1124.19	14012	344	475.10	1380.5	200.5	78	416.9
	Jan 2014	694	11.3	1125.41	14133	121	475.22	1382.0	291.7	78	420.2
	Feb 2014	703	12.7	1125.35	14127	-6	474.74	1389.2	300.1	78	426.7

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 2012 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

U.S. DEPARTMENT OF THE INTERIOR
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	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Mar 2011	976	15.9	643.23	1705	6	138.82	204.0	123.0	80	126.0
H	Apr 2011	1047	17.6	643.30	1707	2	141.68	227.0	131.6	89	125.7
I	May 2011	949	15.4	644.04	1727	20	142.61	255.0	120.3	100	126.8
S	Jun 2011	954	16.0	642.27	1679	-48	140.41	249.9	120.6	98	126.4
T	Jul 2011	943	15.3	643.11	1702	23	143.18	255.0	119.3	100	126.5
O	Aug 2011	822	13.4	642.38	1682	-20	140.95	255.0	103.5	100	125.9
R	Sep 2011	717	12.1	639.73	1610	-72	137.99	255.0	90.2	100	125.8
	WY 2011	**9446**							**1182.3**		
I	Oct 2011	611	9.9	633.03	1435	-175	133.41	181.1	74.4	71	121.8
C	Nov 2011	466	7.8	635.99	1511	76	134.28	170.9	57.0	67	122.2
A	Dec 2011	385	6.3	638.82	1586	74	135.59	173.4	48.1	68	124.9
L	Jan 2012	638	10.4	640.38	1628	42	138.75	170.9	77.2	67	121.0
*	Feb 2012	726	12.6	641.20	1650	22	140.80	163.2	90.8	64	125.1
	Mar 2012	908	14.8	642.50	1685	35	136.28	204.0	112.9	80	124.3
	Apr 2012	1068	17.9	643.00	1699	14	135.98	247.4	132.6	97	124.2
	May 2012	1000	16.3	643.00	1699	0	136.04	255.0	124.8	100	124.9
	Jun 2012	943	15.9	642.00	1671	-27	135.51	255.0	117.5	100	124.6
	Jul 2012	849	13.8	641.50	1658	-14	134.73	255.0	105.7	100	124.5
	Aug 2012	771	12.5	641.50	1658	0	134.46	255.0	96.2	100	124.7
	Sep 2012	793	13.3	638.00	1564	-94	132.62	255.0	97.5	100	122.9
	WY 2012	**9158**							**1134.7**		
	Oct 2012	600	9.8	630.49	1371	-193	127.85	219.3	71.6	86	119.2
	Nov 2012	394	6.6	635.00	1486	115	125.53	244.8	46.9	96	119.1
	Dec 2012	368	6.0	638.71	1583	97	130.29	229.5	45.3	90	123.1
	Jan 2013	588	9.6	641.80	1666	83	134.09	221.9	73.4	87	124.7
	Feb 2013	687	12.4	641.80	1666	0	136.08	209.1	86.0	82	125.1
	Mar 2013	985	16.0	643.05	1700	34	135.86	239.7	122.6	94	124.4
	Apr 2013	1100	18.5	643.00	1699	-2	136.07	255.0	136.6	100	124.3
	May 2013	974	15.8	643.00	1699	0	136.04	255.0	121.7	100	125.0
	Jun 2013	937	15.7	642.00	1671	-27	135.51	255.0	116.7	100	124.6
	Jul 2013	919	14.9	641.50	1658	-14	134.73	255.0	114.1	100	124.2
	Aug 2013	813	13.2	641.50	1658	0	134.46	255.0	101.3	100	124.5
	Sep 2013	742	12.5	638.00	1564	-94	132.62	255.0	91.4	100	123.2
	WY 2013	**9109**							**1127.7**		
	Oct 2013	572	9.3	633.00	1434	-130	129.17	219.3	68.9	86	120.5
	Nov 2013	469	7.9	635.00	1486	51	126.85	244.8	56.2	96	119.7
	Dec 2013	355	5.8	638.71	1583	97	130.29	229.5	43.7	90	123.1
	Jan 2014	588	9.6	641.80	1666	83	134.09	221.9	73.4	87	124.7
	Feb 2014	687	12.4	641.80	1666	0	136.08	209.1	86.0	82	125.1

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 2012 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Mar 2011	694	11.3	448.06	581	15	80.18	112.8	47.4	94	68.4
H	Apr 2011	786	13.2	448.54	590	9	82.13	120.0	54.4	100	69.1
I	May 2011	691	11.2	448.68	593	3	80.58	120.0	47.9	100	69.3
S	Jun 2011	708	11.9	447.73	575	-18	81.68	114.0	49.9	95	70.4
T	Jul 2011	762	12.4	448.22	584	9	81.72	116.4	51.6	97	67.7
O	Aug 2011	669	10.9	448.13	583	-2	82.04	120.0	46.1	100	68.9
R	Sep 2011	538	9.0	448.28	585	3	82.16	120.0	39.4	100	73.2
	WY 2011	**6837**							**474.2**		
I	Oct 2011	472	7.7	447.97	579	-6	81.92	92.4	31.5	77	66.8
C	Nov 2011	321	5.4	447.32	567	-12	80.93	102.0	22.1	85	69.1
A	Dec 2011	267	4.3	445.69	537	-30	81.08	67.2	17.7	56	66.2
L	Jan 2012	382	6.2	446.61	554	17	80.68	67.2	25.6	56	67.1
*	Feb 2012	497	8.6	447.10	563	9	80.85	94.8	35.1	79	70.7
	Mar 2012	697	11.3	447.50	571	8	75.73	97.2	46.3	81	66.5
	Apr 2012	781	13.1	448.00	580	10	75.13	120.0	51.6	100	66.0
	May 2012	695	11.3	448.70	593	13	75.71	120.0	46.0	100	66.2
	Jun 2012	688	11.6	448.70	593	0	76.05	120.0	45.8	100	66.5
	Jul 2012	728	11.8	448.00	580	-13	75.71	120.0	48.3	100	66.3
	Aug 2012	647	10.5	447.50	571	-10	75.13	120.0	42.4	100	65.6
	Sep 2012	567	9.5	446.81	557	-13	74.55	120.0	36.8	100	65.0
	WY 2012	**6742**							**449.4**		
	Oct 2012	454	7.4	446.31	548	-9	74.77	102.0	29.3	85	64.6
	Nov 2012	382	6.4	446.50	552	3	74.62	102.0	24.5	85	64.1
	Dec 2012	278	4.5	446.50	552	0	74.71	102.0	17.4	85	62.8
	Jan 2013	358	5.8	446.50	552	0	74.71	102.0	22.8	85	63.8
	Feb 2013	462	8.3	446.50	552	0	73.92	120.0	29.7	100	64.2
	Mar 2013	711	11.6	446.70	555	4	74.01	120.0	46.2	100	64.9
	Apr 2013	798	13.4	448.70	593	38	75.08	120.0	52.7	100	66.0
	May 2013	695	11.3	448.70	593	0	76.05	120.0	46.2	100	66.5
	Jun 2013	677	11.4	448.70	593	0	76.05	120.0	45.0	100	66.5
	Jul 2013	731	11.9	448.00	580	-13	75.71	120.0	48.4	100	66.3
	Aug 2013	624	10.2	447.50	571	-10	75.13	120.0	40.9	100	65.5
	Sep 2013	527	8.9	446.81	557	-13	74.55	120.0	34.2	100	64.8
	WY 2013	**6698**							**437.5**		
	Oct 2013	445	7.2	446.31	548	-9	74.77	102.0	28.7	85	64.6
	Nov 2013	376	6.3	446.50	552	3	74.62	102.0	24.1	85	64.1
	Dec 2013	284	4.6	446.50	552	0	74.71	102.0	17.9	85	62.9
	Jan 2014	358	5.8	446.50	552	0	74.71	102.0	22.8	85	63.8
	Feb 2014	462	8.3	446.50	552	0	73.92	120.0	29.7	100	64.2

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 2012 24-Month Study

Most Probable Inflow*

Upper Basin Power

	Date	Glen Canyon 1000 MWHR	Flaming Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Reservoir 1000 MWHR	Fontenelle Reservoir 1000 MWHR
*	Mar 2011	453	23	21	26	15	4
	Winter 2011	**2299**	**156**	**79**	**97**	**48**	**19**
H	Apr 2011	415	65	26	37	21	5
I	May 2011	520	105	44	66	23	5
S	Jun 2011	634	98	36	61	23	5
T	Jul 2011	708					
O	Aug 2011	706	60	39	44	22	8
R	Sep 2011	442	58	34	41	22	6
	Summer 2011	**3425**	**386**	**179**	**248**	**111**	**30**
I	Oct 2011	446	48	28	33	18	5
C	Nov 2011	508	34	11	13	7	2
A	Dec 2011	563	43	25	30	17	6
L	Jan 2012	388	58	15	18	10	5
*	Feb 2012	295	54	9	12	2	4
	Mar 2012	254	59	8	11	6	5
	Winter 2012	**2454**	**296**	**96**	**117**	**60**	**27**
	Apr 2012	254	58	12	18	10	4
	May 2012	256	70	21	32	19	7
	Jun 2012	308	73	18	28	17	9
	Jul 2012	386	34	30	38	19	10
	Aug 2012	345	34	30	37	18	8
	Sep 2012	205	33	24	29	15	6
	Summer 2012	**1754**	**301**	**135**	**182**	**98**	**44**
	Oct 2012	211	34	15	20	10	6
	Nov 2012	258	33	7	9	5	6
	Dec 2012	343	34	15	19	10	6
	Jan 2013	341	34	18	23	12	6
	Feb 2013	255	30	16	21	11	5
	Mar 2013	254	34	13	17	9	5
	Winter 2013	**1662**	**197**	**84**	**109**	**57**	**34**
	Apr 2013	360	33	14	21	12	5
	May 2013	427	47	36	54	23	7
	Jun 2013	478	84	18	29	20	9
	Jul 2013	525	37	31	38	21	10
	Aug 2013	439	37	38	45	23	8
	Sep 2013	346	36	35	42	21	7
	Summer 2013	**1790**	**201**	**100**	**142**	**76**	**30**
	Oct 2013	259	37	21	26	14	7
	Nov 2013	259	36	12	15	8	6
	Dec 2013	344	37	28	35	17	6
	Jan 2014	342	37	20	25	13	6
	Feb 2014	277	33	16	21	11	5

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 2012 24-Month Study

Most Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions

Date	Flaming George KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Total KAF	Flaming George KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****EFFECTIVE SPACE****										
Mar 2012	679	297	411	8869	10256	12470	22726	240	182	368	790	8869	12470	22129	1500	971	0	37.6
Apr 2012	745	293	386	8905	10328	12799	23127	304	179	339	821	8905	12799	22525	1500	1112	0	37.3
May 2012	762	271	326	8834	10193	13267	23460	316	155	259	731	8834	13267	22832	1500	1036	0	37.9
Jun 2012	722	207	208	8067	9205	13692	22897	268	77	107	452	8067	13692	22211	1500	952	0	38.8
Jul 2012	570	109	191	7214	8082	13965	22048	103	-35	37	105	7214	13965	21284	1500	865	0	38.5
								****CREDITABLE SPACE****										
Aug 2012	484	137	210	7422	8254	13991	22245	484	137	210	832	7422	13991	22245	1500	801	0	38.1
Sep 2012	507	182	253	7742	8684	14000	22683	507	182	253	941	7742	14000	22683	2270	718	0	37.6
Oct 2012	554	220	269	7799	8843	14239	23081	554	220	269	1043	7799	14239	23081	3040	421	0	37.4
Nov 2012	595	231	264	7782	8872	14193	23065	595	231	264	1090	7782	14193	23065	3810	534	0	37.4
Dec 2012	637	223	265	7914	9038	14152	23191	637	223	265	1125	7914	14152	23191	4580	494	0	37.3
Jan 2013	696	248	273	8267	9484	13819	23303	696	248	273	1217	8267	13819	23303	5350	694	0	37.1
								****EFFECTIVE SPACE****										
Jan 2013	696	248	273	8267	9484	13819	23303	349	248	185	782	8267	13819	22868	5350	694	0	37.1
Feb 2013	750	284	283	8593	9910	13694	23604	401	284	194	880	8593	13694	23166	1500	703	0	36.9
Mar 2013	791	317	282	8731	10120	13743	23864	440	317	192	949	8731	13743	23423	1500	1047	0	36.5
Apr 2013	785	325	232	8742	10084	14143	24228	430	325	139	893	8742	14143	23779	1500	1128	0	36.5
May 2013	748	300	150	8744	9943	14391	24333	385	300	37	723	8744	14391	23857	1500	1010	0	37.6
Jun 2013	642	220	164	7738	8765	14413	23178	269	218	15	502	7738	14413	22653	1500	945	0	39.1
Jul 2013	496	42	239	6618	7396	14315	21711	109	17	37	163	6618	14315	21097	1500	935	0	39.1
								****CREDITABLE SPACE****										
Aug 2013	405	27	260	6876	7568	14111	21679	405	27	260	692	6876	14111	21679	1500	843	0	38.7
Sep 2013	432	77	290	7305	8105	13962	22067	432	77	290	800	7305	13962	22067	2270	667	0	38.3
Oct 2013	487	146	299	7599	8532	13849	22381	487	146	299	933	7599	13849	22381	3040	456	0	38.1
Nov 2013	537	173	291	7658	8660	13735	22395	537	173	291	1002	7658	13735	22395	3810	546	0	38.0
Dec 2013	588	181	290	7766	8825	13709	22534	588	181	290	1059	7766	13709	22534	4580	481	0	38.0
Jan 2014	656	248	300	8072	9275	13365	22640	656	248	300	1204	8072	13365	22640	5350	694	0	37.8
								****EFFECTIVE SPACE****										
Jan 2014	656	248	300	8072	9275	13365	22640	306	248	186	741	8072	13365	22177	5350	694	0	37.8
Feb 2014	718	289	310	8383	9701	13244	22945	367	289	196	852	8383	13244	22480	1500	703	0	37.5

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2119

Processed On: 3/9/2012 4:43:07PM

April 24-Month Study
Date: April 10, 2012

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

Reservoir	March Inflow (unregulated) (acre-feet)	Percent of Average (%)	April 9 Midnight Elevation (feet)	Reservoir Storage (acre-feet)
Fontenelle	64,000	122	6473.31	134,000
Flaming Gorge	104,000	102	6026.41	3,213,000
Blue Mesa	40,000	111	7484.91	542,000
Navajo	74,000	80	6058.15	1,324,000
Powell	560,000	84	3635.74	15,506,000

Expected Operations

The operation of Lake Powell and Lake Mead in this April 2012 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines), and reflects the 2012 Annual Operating Plan (AOP). Pursuant to the Interim Guidelines, the August 2011 24-Month Study projections of the January 1, 2012 system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2012.

Consistent with Section 6.A of the Interim Guidelines, the Lake Powell operational tier for water year 2012 is the Equalization Tier. The April 2012 24-Month Study projects the water year release volume from Lake Powell for 2012 to be 9.46 maf.

Consistent with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar year 2012.

The Interim Guidelines are available for download at
http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The 2012 AOP is available for download at
http://www.usbr.gov/lc/region/g4000/aop/AOP12.pdf.

Fontenelle Reservoir – Inflows for the month of March were 64 kaf, or 122% of average. The reservoir elevation is 6472 feet above sea level and 37% of capacity. Current inflows are approximately 1,600 cfs and reservoir releases are 1,000 cfs. Releases will likely be close to 1,000 cfs through most of April and the reservoir elevation will continue to increase throughout the spring and summer. Basin snowpack peaked on March 21st, approximately three weeks early, at 84% of average and the low and middle elevation snow has begun to melt. Current snowpack above Fontenelle Reservoir is 78% of average.

The Colorado Basin River Forecast Center and Natural Resources Conservation Service have issued the April coordinated forecast for the April to July 2012 runoff season. Inflows are forecasted to be 665 kaf, or 92% of average. The April forecast decreased by 9% since the March official forecast. Inflows over the next three months are forecasted by the River Forecast Center to be: 90 kaf (106%), 135 kaf (82%) and 280 kaf (94%) for April, May, and June respectively.

The next Fontenelle Working Group meeting is scheduled for April 26, 2012 at 10:00 am at the Seedskadee National Wildlife Refuge visitor's center. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir.

Flaming Gorge Reservoir – Unregulated inflow into Flaming Gorge Reservoir during the month of March was 104 thousand acre-feet (kaf), or 102 percent of 1981-2010 average inflow. Flaming Gorge Reservoir is decreasing releases to an average daily release rate of 1,600 cfs and is anticipated to maintain releases during April and May. Flaming Gorge reservoir elevation has reached the May 1 target elevation of 6027 feet.

The Colorado Basin River Forecast Center and Natural Resources Conservation Service have issued the joint water supply forecast for the April-July runoff season. The April forecast for April-July unregulated inflow volume is 810 kaf (83 percent of average), which is a decrease of 13 percent from the previous forecast. This volume corresponds with the average classification within the 2006 Record of Decision. The unregulated inflow volumes and percent of average for April, May and June are forecasted to be 135 kaf (101%), 195 kaf (80%), and 315 kaf (81%), respectively.

The next Flaming Gorge Working Group meeting is scheduled for April 18, 2012, at 1:00 p.m. at the Western Park Convention Center, 302 East 200 South, Vernal, Utah. The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stake holders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations and plans presented by Reclamation at these meetings. For more information on this group and these meetings please contact Heather Hermansen at 801-524-3883 or Ed Vidmar at 801-379-1182.

Aspinall Reservoirs – March unregulated inflow into Blue Mesa Reservoir was 40,000 acre-feet or 112 percent of average. On March 10, 2012 the basin snowpack was 78 percent of average; it now stands at 48 percent and falling fast. This is indicative of an early melt with very little snowpack. Precipitation during March was only 30 percent of average. The current inflow rate into Blue Mesa Reservoir is about 750 cfs while reservoir releases are averaging about 850 cfs. The reservoir elevation is currently at 7484.91 feet, which corresponds to a storage content of about 542,000 acre-feet.

The latest Water Supply Forecast for Water Year 2012 has been issued and the April through July unregulated inflow is forecasted to be at 330,000 acre-feet (49% of average), this is 120,000 acre-feet lower than last month's forecast. If this forecast holds through May 1st, the Black Canyon Water Right would call for a one day peak flow of 958 cfs. At this time Reclamation plans to continue to operate the Aspinall Unit to allow the water right to be met. Based on this forecast and the combination of meeting the Black Canyon Water this coming spring, Blue Mesa Reservoir is projected to not fill this runoff season. The projected fill is calculated to be about 7500.0 feet, or about 19.5 feet short of top of active conservation pool.

Releases from Crystal are currently set at 1050 cfs. The Gunnison Diversion Tunnel is currently diverting about 700 cfs, which results in a river flow below the diversion tunnel of approximately 350 cfs. This lower flow is a result of Reclamation trying to conserve reservoir storage for what is forecasted to be a very dry year.

The next meeting of the "Aspinall Unit Working Group" will be held on Thursday, April 26, 2012 starting at 1:00 PM in Reclamation's Grand Junction Office. At this meeting, review of this winter's reservoir operations, and plans for this spring and summer operations will be discussed. These meetings are open forum discussions on the Aspinall Unit reservoir operations with many interested groups participating. Anyone needing further information about these meetings should contact Dan Crabtree in the Grand Junction Area Office at (970) 248-0652.

Navajo Reservoir - Releases from Navajo Reservoir remain near a constant 500 cfs. Reservoir releases are made for the authorized purposes of the Navajo Unit, and to attempt to maintain a target base flow through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell).

The San Juan River Basin Recovery Implementation Program recommends a target base flow of between 500 cfs and 1,000 cfs through the critical habitat area. The target base flow is calculated as the weekly average of gauged flows throughout the critical habitat area, therefore daily flows of less than 500 cfs may occur at some gages.

The current San Juan River basin snowpack as of April 10th is only 45% of average snow water equivalent (SWE), which is down from 81% in one month. For the Animas River Basin it is 43% which is down from 82% from last month. This indicates an early

snowmelt. Pending significant changes in the weather and stream flow conditions, the reservoir release will likely remain at 500 cfs through this spring (2012).

Precipitation for the month of March in the San Juan River basin was about 35% of average as compared to February's 125% and January's 70% average. Unregulated inflow into Navajo Reservoir during the month of March was 74,000 acre-feet, or 80 percent of average. Currently, the daily reservoir inflow is averaging about 1,600 cfs. Diversions for NIIP have currently restarted and have been as high as 450 cfs. The reservoir water surface elevation is at 6058.15 feet, which corresponds to a storage content of about 1,324,000 acre-feet.

A public meeting on Navajo Reservoir operations will be held on Wednesday, April 24, 2012, starting at 1:00 pm at the Civic Center in Farmington, New Mexico (200 West Arrington Street). At this meeting, review of this winter's reservoir operations, and plans for this spring and summer operations will be discussed. These meetings are open forum discussions on the operation of Navajo Reservoir with many interested groups participating. Anyone interested in the general operation of the reservoir is encouraged to attend. Please contact Ryan Christianson in Reclamation's Durango, Colorado Office at (970) 385-6590 for information about these meetings or the daily operation of Navajo Reservoir.

Glen Canyon Dam / Lake Powell – The monthly unregulated inflow volume to Lake Powell for March was 560 thousand acre-feet (kaf) (84% of average). This was 10 kaf above what was forecasted in early March. The release volume from Glen Canyon Dam in March was 600 kaf which was exactly equal to what was projected for release for the month. As a result of the difference between projected and actual inflows during March, the elevation of Lake Powell at the end of March was 0.36 feet (about 4 inches) higher than projected. On March 31, 2012 the elevation of Lake Powell was 3635.33 feet above sea level (64.67 feet below full pool).

Snowpack conditions above Lake Powell are currently 43% of average (April 10, 2012) and this percentage has dropped significantly over the past month. The runoff season appears to have started about one month earlier than normal due to above normal temperatures during March and April. The Colorado Basin River Forecast Center updated their Water Supply Forecast for Lake Powell (April through July Unregulated Inflow Volume) from the March forecast, which was 5.30 maf (74% of average), to the April forecast which is now 3.50 maf (49% of average). This forecast was updated on April 3, 2012.

Current Dam Operations

In August 2011, pursuant to the Interim Guidelines, the Operating Tier for Glen Canyon Dam was established to be the Equalization Tier. Under the Equalization Tier for 2012, with 1.233 maf of release carried over from 2011 to 2012, the annual release volume for 2012 could be as low as 9.46 maf or higher depending on actual inflow conditions. As

hydrologic conditions for Lake Powell and Lake Mead change throughout the year, Reclamation will adjust operations of Glen Canyon Dam to release the appropriate annual volume during 2012 to achieve Equalization objectives as practicably as possible by September 30, 2012.

Releases from Glen Canyon Dam are now averaging about 10,083 cfs with fluctuations for power generation throughout the day that peak near 13,000 cfs in the afternoons and with early morning low level releases are about 7,000 cfs and this operation is consistent with the Glen Canyon Operating Criteria (Federal Register, Volume 62, No. 41, March 3, 1997). The release volume for April is scheduled to be 600 kaf. In May, the monthly release volume will likely be 600 kaf as well depending on snowpack and forecast conditions. Release fluctuations in May would likely be similar to April ranging from 7,000 cfs, in the early morning, to 13,000 cfs, in the afternoon.

In addition to daily scheduled fluctuations for power generation, the instantaneous releases from Glen Canyon Dam may also fluctuate to provide 40 MW of system regulation. These instantaneous release adjustments stabilize the electrical generation and transmission system and translate to a range of about 1100 cfs above or below the hourly scheduled release rate. Typically, fluctuations for system regulation are very short lived and balance out over the hour and do not have noticeable impacts on downstream river flow conditions.

Releases from Glen Canyon Dam can also fluctuate beyond scheduled fluctuations for power generation when called upon as a partner that shares reserve requirements within the electrical generator community (i.e. balancing area). There are many generators that supply electricity to the transmission system within the balancing area. At times, a participating generator may experience operating conditions such that it cannot make its scheduled delivery of electricity to the system (i.e. unscheduled outage). To provide system reliability, all participating electricity generators within the balancing area maintain a specified level of generation capacity (i.e. reserves) that can be called upon when an unscheduled outage occurs. Glen Canyon Dam typically maintains 113 MW of reserves for this purpose.

Reserve agreements allow the controllers of the balancing area to call upon Glen Canyon Dam to produce up to an additional 113 MW of electricity beyond what is originally scheduled for a given hour. Reserve calls can be maintained for a maximum of 2 hours after which time the generation rate should be returned to the original schedule. The 113 MW reserve requirement for Glen Canyon Dam translates to approximately 2,800 cfs of flow in the river. When the balancing area controllers call for reserve generation from Glen Canyon Dam, releases from the dam can exceed scheduled levels and have a noticeable impact on the river downstream from Glen Canyon Dam. But these calls for reserves are fairly infrequent and typically are for much less than the required level of 113 MW.

Current Inflow Forecasts and Model Projections

Over the next three months (April, May and June) the forecasted unregulated inflow volume to Lake Powell is projected to be 800 kaf (76% of average), 1050 kaf (45% of average) and 1,150 kaf (43% of average), respectively. These percent of averages are all based on the historic period from 1981 through 2010. Combining this forecast with the April Water Supply Forecast and extending projections to the end of WY2012, the most probable (i.e. 50% likely to be exceeded) unregulated inflow volume for WY2012 is projected to be 6.79 maf (63% of average). There is still a fair amount of uncertainty associated with this forecast. Recent analysis indicates that it is reasonably possible for the actual unregulated inflow volume for water year 2012 to be as low as 4.89 maf (45% of average) or as high as 9.22 maf (85% of average) depending on the range of precipitation patterns that could occur over the next several months.

Based on the reasonable range of inflow conditions that could occur this year, the annual release volume from Glen Canyon Dam could be as low as 9.46 maf to as high as 9.98 maf. Under the most probable inflow condition, the annual release volume is projected to be 9.46 maf and the elevation of Lake Powell at the end of WY2012 is projected to be 3632.55 feet above sea level. This elevation corresponds to a live storage volume of 15.14 maf (62% of full capacity).

Upper Colorado River Basin Hydrology

Since water year 2005, hydrologic conditions in the Upper Colorado River Basin have been near average with significant variability from year to year. The unregulated inflow to Lake Powell, which is a good measure of the hydrologic condition in the Colorado River Basin, has averaged a water year volume of 10.98 maf (101% of average (period 1981-2010)) during the period from 2005 through 2011. The hydrologic variability during this period has been from a low water year unregulated inflow volume of 8.62 maf (80% of average) in water year 2006 to a high water year unregulated inflow volume of 15.97 maf (147% of average) which occurred in water year 2011.

Overall reservoir storage in the Colorado River Basin has increased by over 8 maf since the beginning of water year 2005 and this is a significant improvement over the drought conditions during water years 2000 through 2004. On October 1, 2004, the beginning of water year 2005, the total reservoir storage in the Colorado River Basin was 29.84 maf (50.2% of capacity). On October 1, 2011, the beginning of water year 2012, the total reservoir storage in the Colorado River Basin was 38.66 maf (64.8% of capacity). As of April 9, 2012 the total reservoir storage in the Colorado River Basin was 37.47 maf (62.8% of capacity).

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-430
125 SOUTH STATE STREET, ROOM 6107
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-3709

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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:	Obs			mar	Forecast			Outlook	
:	dec	jan	feb	mar	%Avg	apr	may	jun	apr-jul %Avg
GLDA3:Lake Powell	363	356	343	560	84%:	800/	1050/	1150/	3500/: 49%
GBRW4:Fontenelle	35	32	30	64	122%:	90/	135/	280/	665/: 92%
GRNU1:Flaming Gorge	38	45	47	104	102%:	135/	195/	315/	810/: 83%
BMDC2:Blue Mesa	24	22	21	40	111%:	77/	102/	106/	330/: 49%
MPSC2:Morrow Point	25	23	22	43	107%:	88/	112/	112/	360/: 49%
CLSC2:Crystal	28	27	26	49	106%:	99/	125/	125/	400/: 48%
TPIC2:Taylor Park	4.1	3.8	3.9	5.8	131%:	10/	18/	17/	52/: 53%
VCRC2:Vallecito	5.3	4.7	4.3	12.3	143%:	24/	47/	43/	130/: 67%
NVRN5:Navajo	19.1	17.7	18.6	74	80%:	135/	165/	115/	445/: 61%
LEMC2:Lemon	1.00	0.78	0.71	2.6	163%:	7/	17/	13/	40/: 73%
MPHC2:McPhee	2.8	3.0	3.5	22	118%:	60/	55/	29/	150/: 51%
RBSC2:Ridgway	4.1	4.0	3.5	5.8	101%:	11/	20/	24/	68/: 67%

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2012 24-Month Study

Most Probable Inflow*

Fontenelle Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Apr 2011	92	1	84	15	100	6471.99	128
H	May 2011	161	1	89	79	168	6470.20	120
I	Jun 2011	429	1	87	283	370	6481.96	178
S	Jul 2011	539	2	110	313	424	6498.87	290
T	Aug 2011	118	2	88	1	89	6502.38	317
O	Sep 2011	49	2	66	0	66	6499.90	298
	WY 2011	**1581**	**14**	**801**	**747**	**1549**		
R	Oct 2011	50	1	56	18	74	6496.55	273
I	Nov 2011	46	1	22	49	71	6492.84	247
C	Dec 2011	35	1	74	0	74	6486.86	207
A	Jan 2012	32	1	74	0	74	6479.61	165
L	Feb 2012	30	0	69	0	69	6471.56	126
*	Mar 2012	64	0	67	0	67	6470.82	123
	Apr 2012	90	1	60	0	60	6477.23	152
	May 2012	135	1	101	2	103	6482.92	183
	Jun 2012	280	2	103	59	162	6500.03	299
	Jul 2012	160	3	102	34	136	6502.78	320
	Aug 2012	160	2	99	36	135	6505.62	343
	Sep 2012	44	2	71	0	71	6501.96	314
	WY 2012	**1127**	**15**	**897**	**199**	**1096**		
	Oct 2012	49	1	74	0	74	6498.50	288
	Nov 2012	42	1	71	0	71	6494.36	258
	Dec 2012	32	1	74	0	74	6488.06	216
	Jan 2013	30	1	74	0	74	6480.86	172
	Feb 2013	28	1	66	0	66	6473.00	132
	Mar 2013	53	0	74	0	74	6468.02	111
	Apr 2013	85	1	83	0	83	6468.49	113
	May 2013	164	1	98	6	104	6480.83	171
	Jun 2013	299	2	102	67	170	6500.00	299
	Jul 2013	178	3	101	29	129	6505.86	345
	Aug 2013	77	2	88	0	88	6504.18	331
	Sep 2013	46	2	70	0	70	6500.88	306
	WY 2013	**1082**	**15**	**973**	**102**	**1075**		
	Oct 2013	49	1	72	0	72	6497.60	281
	Nov 2013	42	1	70	0	70	6493.65	253
	Dec 2013	32	1	72	0	72	6487.56	212
	Jan 2014	30	1	72	0	72	6480.56	170
	Feb 2014	28	1	65	0	65	6472.97	132
	Mar 2014	53	0	72	0	72	6468.38	112

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2120

Processed On:4/10/2012 10:51:46AM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2012 24-Month Study

Most Probable Inflow*

Flaming Gorge Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	Apr 2011	159	166	5	172	0	172	127	6024.71	3150	480
H	May 2011	327	334	8	279	47	326	127	6024.73	3150	1110
I	Jun 2011	667	608	10	254	173	427	133	6029.11	3315	1570
S	Jul 2011	771	656	14	263	94	357	144	6036.07	3590	905
T	Aug 2011	144	115	13	148	0	148	142	6034.95	3544	246
O	Sep 2011	58	76	11	144	0	144	139	6033.03	3467	200
	WY 2011	**2414**	**2381**	**80**	**1661**	**314**	**1975**				**5234**
R	Oct 2011	74	97	7	120	0	121	138	6032.27	3437	187
I	Nov 2011	64	89	4	88	0	88	138	6032.21	3435	144
C	Dec 2011	38	77	2	108	0	108	137	6031.41	3404	146
A	Jan 2012	45	87	2	148	0	148	134	6029.85	3343	187
L	Feb 2012	47	86	2	140	0	140	132	6028.43	3289	186
*	Mar 2012	104	107	3	162	0	162	130	6026.95	3233	284
	Apr 2012	135	105	5	116	0	116	129	6026.53	3217	116
	May 2012	195	163	8	144	0	144	130	6026.81	3228	144
	Jun 2012	315	197	10	157	0	157	131	6027.58	3257	157
	Jul 2012	165	141	13	92	0	92	132	6028.49	3291	92
	Aug 2012	76	51	13	92	0	92	130	6027.13	3239	92
	Sep 2012	51	78	11	89	0	89	129	6026.56	3218	89
	WY 2012	**1309**	**1278**	**81**	**1456**	**1**	**1457**				**1825**
	Oct 2012	59	84	7	92	0	92	129	6026.16	3203	92
	Nov 2012	51	80	3	89	0	89	128	6025.84	3191	89
	Dec 2012	35	76	2	92	0	92	128	6025.39	3175	92
	Jan 2013	40	84	2	92	0	92	127	6025.12	3165	92
	Feb 2013	45	83	2	83	0	83	127	6025.07	3163	83
	Mar 2013	102	123	3	92	0	92	128	6025.80	3190	92
	Apr 2013	134	131	5	89	0	89	130	6026.75	3225	89
	May 2013	245	185	8	129	0	129	132	6027.99	3272	129
	Jun 2013	390	260	10	230	0	230	132	6028.49	3291	230
	Jul 2013	210	162	14	105	0	105	134	6029.58	3333	105
	Aug 2013	89	100	13	105	0	105	133	6029.14	3316	105
	Sep 2013	55	79	11	101	0	101	132	6028.30	3284	101
	WY 2013	**1455**	**1448**	**80**	**1300**	**0**	**1300**				**1300**
	Oct 2013	59	82	7	105	0	105	131	6027.55	3256	105
	Nov 2013	51	79	3	101	0	101	130	6026.89	3231	101
	Dec 2013	35	75	2	105	0	105	129	6026.08	3200	105
	Jan 2014	40	82	2	105	0	105	128	6025.46	3177	105
	Feb 2014	45	82	2	94	0	94	127	6025.08	3163	94
	Mar 2014	102	122	3	105	0	105	128	6025.44	3177	105

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2120

Processed On: 4/10/2012 10:51:46AM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2012 24-Month Study

Most Probable Inflow*

Taylor Park Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Apr 2011	7	8	9311.44	72
H	May 2011	22	33	9304.21	61
I	Jun 2011	65	28	9326.09	98
S	Jul 2011	37	39	9325.07	96
T	Aug 2011	12	24	9318.44	84
O	Sep 2011	7	20	9310.68	71
	WY 2011	**179**	**181**		
R	Oct 2011	7	9	9309.52	69
I	Nov 2011	5	6	9309.15	69
C	Dec 2011	4	6	9307.93	67
A	Jan 2012	4	5	9307.37	66
L	Feb 2012	4	4	9307.22	66
*	Mar 2012	6	4	9308.28	67
	Apr 2012	10	5	9311.74	73
	May 2012	18	9	9317.06	82
	Jun 2012	17	13	9319.31	86
	Jul 2012	7	16	9314.15	77
	Aug 2012	6	18	9306.53	65
	Sep 2012	6	12	9302.26	58
	WY 2012	**94**	**107**		
	Oct 2012	7	6	9302.73	59
	Nov 2012	5	5	9303.16	60
	Dec 2012	5	5	9303.28	60
	Jan 2013	4	5	9303.18	60
	Feb 2013	4	5	9302.69	59
	Mar 2013	4	5	9302.64	59
	Apr 2013	9	8	9303.52	60
	May 2013	28	12	9313.96	76
	Jun 2013	42	18	9326.94	100
	Jul 2013	20	20	9327.01	100
	Aug 2013	10	20	9321.95	91
	Sep 2013	7	16	9317.18	82
	WY 2013	**146**	**122**		
	Oct 2013	7	12	9314.07	77
	Nov 2013	5	6	9313.54	76
	Dec 2013	5	6	9312.75	74
	Jan 2014	4	6	9311.74	73
	Feb 2014	4	6	9310.38	70
	Mar 2014	4	6	9309.39	69

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2120

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2012 24-Month Study

Most Probable Inflow*

Blue Mesa Reservoir

	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Apr 2011	77	78	1	95	0	95	7475.97	477
H	May 2011	168	179	1	162	0	162	7478.26	493
I	Jun 2011	425	389	1	127	19	146	7508.73	735
S	Jul 2011	222	222	2	150	0	150	7516.80	806
T	Aug 2011	67	79	1	123	0	123	7511.67	760
O	Sep 2011	35	48	1	108	0	108	7504.54	699
	WY 2011	**1162**	**1163**	**8**	**1046**	**19**	**1065**		
R	Oct 2011	36	38	1	93	0	93	7497.84	644
I	Nov 2011	29	29	0	37	0	37	7496.82	635
C	Dec 2011	24	26	0	87	0	87	7489.07	574
A	Jan 2012	22	23	0	52	0	52	7485.29	545
L	Feb 2012	21	22	0	34	0	34	7483.66	533
*	Mar 2012	40	39	0	32	0	32	7484.49	539
	Apr 2012	77	72	1	30	0	30	7489.83	580
	May 2012	102	93	1	66	0	66	7493.14	606
	Jun 2012	106	102	1	62	0	62	7497.95	645
	Jul 2012	45	54	1	99	0	99	7492.15	598
	Aug 2012	37	50	1	99	0	99	7485.63	548
	Sep 2012	30	36	1	79	0	79	7479.78	504
	WY 2012	**570**	**584**	**8**	**770**	**0**	**770**		
	Oct 2012	38	38	0	49	0	49	7478.14	493
	Nov 2012	31	31	0	17	0	17	7479.98	506
	Dec 2012	26	25	0	18	0	18	7480.97	513
	Jan 2013	24	24	0	24	0	24	7481.01	513
	Feb 2013	22	23	0	22	0	22	7481.20	515
	Mar 2013	36	36	0	26	0	26	7482.58	525
	Apr 2013	77	76	1	36	0	36	7487.76	564
	May 2013	221	205	1	130	0	130	7497.11	638
	Jun 2013	261	237	1	72	0	72	7516.31	802
	Jul 2013	117	117	2	114	0	114	7516.40	803
	Aug 2013	63	73	1	122	0	122	7510.77	753
	Sep 2013	38	47	1	115	0	115	7502.70	684
	WY 2013	**955**	**932**	**9**	**744**	**0**	**744**		
	Oct 2013	38	44	1	70	0	70	7499.44	657
	Nov 2013	31	32	0	40	0	40	7498.43	648
	Dec 2013	26	27	0	94	0	94	7490.00	581
	Jan 2014	24	26	0	67	0	67	7484.61	540
	Feb 2014	22	25	0	55	0	55	7480.48	510
	Mar 2014	36	38	0	44	0	44	7479.55	503

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2012 24-Month Study

Most Probable Inflow*

Morrow Point Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Apr 2011	84	95	7	102	104	0	104	7152.20	111
H	May 2011	191	162	23	185	181	0	181	7156.18	114
I	Jun 2011	455	146	30	176	170	0	176	7155.72	114
S	Jul 2011	231	150	9	159	159	0	159	7155.22	113
T	Aug 2011	68	123	1	125	124	0	124	7155.77	114
O	Sep 2011	36	108	1	109	115	0	115	7148.00	108
	WY 2011	**1236**	**1065**	**74**	**1139**	**1133**	**0**	**1139**		
R	Oct 2011	37	93	1	94	91	0	91	7151.08	110
I	Nov 2011	30	37	2	39	38	0	38	7151.73	110
C	Dec 2011	25	87	0	88	85	0	85	7154.97	113
A	Jan 2012	23	52	1	53	52	0	52	7155.61	113
L	Feb 2012	22	34	1	35	35	0	35	7155.27	113
*	Mar 2012	43	32	2	35	34	0	34	7156.25	114
	Apr 2012	88	30	11	41	43	0	43	7153.73	112
	May 2012	112	66	10	76	76	0	76	7153.73	112
	Jun 2012	112	62	6	68	68	0	68	7153.73	112
	Jul 2012	48	99	3	102	102	0	102	7153.73	112
	Aug 2012	40	99	2	101	101	0	101	7153.73	112
	Sep 2012	32	79	2	81	81	0	81	7153.73	112
	WY 2012	**612**	**770**	**41**	**812**	**807**	**0**	**807**		
	Oct 2012	41	49	3	52	52	0	52	7153.73	112
	Nov 2012	33	17	2	19	19	0	19	7153.73	112
	Dec 2012	28	18	2	20	20	0	20	7153.73	112
	Jan 2013	27	24	2	26	26	0	26	7153.73	112
	Feb 2013	25	22	3	24	24	0	24	7153.73	112
	Mar 2013	40	26	4	30	30	0	30	7153.73	112
	Apr 2013	88	36	11	47	47	0	47	7153.73	112
	May 2013	247	130	26	156	156	0	156	7153.73	112
	Jun 2013	281	72	20	92	92	0	92	7153.73	112
	Jul 2013	123	114	6	121	121	0	121	7153.73	112
	Aug 2013	67	122	3	125	125	0	125	7153.73	112
	Sep 2013	41	115	3	117	117	0	117	7153.73	112
	WY 2013	**1040**	**744**	**85**	**829**	**829**	**0**	**829**		
	Oct 2013	41	70	3	73	73	0	73	7153.73	112
	Nov 2013	33	40	2	42	42	0	42	7153.73	112
	Dec 2013	28	94	2	96	96	0	96	7153.73	112
	Jan 2014	27	67	2	69	69	0	69	7153.73	112
	Feb 2014	25	55	3	58	58	0	58	7153.73	112
	Mar 2014	40	44	4	48	48	0	48	7153.73	112

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2012 24-Month Study

Most Probable Inflow*

Crystal Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
*	Apr 2011	92	104	8	112	110	2	112	6752.03	17	38	79
H	May 2011	204	181	13	195	126	68	194	6753.39	17	63	137
I	Jun 2011	516	176	61	237	120	81	237	6752.90	17	62	183
S	Jul 2011	255	159	23	182	128	58	186	6739.47	13	62	136
T	Aug 2011	75	124	7	131	126	2	129	6748.39	16	66	70
O	Sep 2011	39	115	4	119	120	0	120	6744.21	14	64	62
	WY 2011	**1375**	**1139**	**139**	**1278**	**1008**	**235**	**1279**			**413**	**912**
R	Oct 2011	41	91	4	96	94	0	94	6749.65	16	53	44
I	Nov 2011	34	38	4	42	41	1	41	6751.53	17	1	41
C	Dec 2011	28	85	3	88	89	0	89	6750.95	16	1	90
A	Jan 2012	27	52	3	56	53	3	56	6751.28	16	1	57
L	Feb 2012	26	35	3	38	15	23	38	6751.90	17	1	
*	Mar 2012	49	34	6	40	40	0	40	6751.80	17	6	
	Apr 2012	99	43	11	54	54	0	54	6753.04	17	30	24
	May 2012	125	76	13	89	89	0	89	6753.04	17	55	34
	Jun 2012	125	68	13	81	81	0	81	6753.04	17	60	21
	Jul 2012	51	102	3	105	105	0	105	6753.04	17	65	40
	Aug 2012	44	101	4	105	105	0	105	6753.04	17	65	40
	Sep 2012	37	81	5	86	86	0	86	6753.04	17	55	31
	WY 2012	**685**	**807**	**73**	**880**	**851**	**26**	**877**			**392**	**422**
	Oct 2012	47	52	6	58	58	0	58	6753.04	17	30	28
	Nov 2012	38	19	5	24	24	0	24	6753.04	17	0	24
	Dec 2012	32	20	5	25	25	0	25	6753.04	17	0	25
	Jan 2013	31	26	5	31	31	0	31	6753.04	17	0	31
	Feb 2013	29	24	4	28	28	0	28	6753.04	17	0	28
	Mar 2013	46	30	6	36	36	0	36	6753.04	17	5	31
	Apr 2013	101	47	12	60	60	0	60	6753.04	17	30	30
	May 2013	281	156	34	190	134	56	190	6753.04	17	55	135
	Jun 2013	315	92	34	126	126	0	126	6753.04	17	60	66
	Jul 2013	138	121	14	135	134	1	135	6753.04	17	65	70
	Aug 2013	75	125	8	134	134	0	134	6753.04	17	65	69
	Sep 2013	47	117	6	123	123	0	123	6753.04	17	55	68
	WY 2013	**1180**	**829**	**140**	**969**	**912**	**57**	**969**			**365**	**604**
	Oct 2013	47	73	6	79	79	0	79	6753.04	17	30	49
	Nov 2013	38	42	5	47	47	0	47	6753.04	17	0	47
	Dec 2013	32	96	5	101	101	0	101	6753.04	17	0	101
	Jan 2014	31	69	5	74	74	0	74	6753.04	17	0	74
	Feb 2014	29	58	4	61	61	0	61	6753.04	17	0	61
	Mar 2014	46	48	6	54	54	0	54	6753.04	17	5	49

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2012 24-Month Study

Most Probable Inflow*

Vallecito Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Apr 2011	22	4	7653.10	95
H	May 2011	44	27	7659.70	111
I	Jun 2011	79	64	7664.94	125
S	Jul 2011	23	39	7658.78	109
T	Aug 2011	9	37	7647.29	81
O	Sep 2011	8	29	7637.58	59
	WY 2011	**225**	**222**		
R	Oct 2011	15	9	7640.42	65
I	Nov 2011	9	2	7643.33	72
C	Dec 2011	5	2	7644.76	75
A	Jan 2012	5	3	7645.42	76
L	Feb 2012	4	4	7645.50	76
*	Mar 2012	12	4	7648.84	84
	Apr 2012	24	3	7657.22	105
	May 2012	47	31	7663.00	120
	Jun 2012	43	43	7662.89	120
	Jul 2012	16	42	7652.72	94
	Aug 2012	14	38	7642.29	69
	Sep 2012	15	30	7635.05	54
	WY 2012	**209**	**210**		
	Oct 2012	16	17	7634.15	52
	Nov 2012	9	1	7637.77	60
	Dec 2012	6	2	7640.04	64
	Jan 2013	5	2	7641.79	68
	Feb 2013	5	1	7643.28	71
	Mar 2013	9	2	7646.20	78
	Apr 2013	23	3	7654.52	98
	May 2013	71	44	7664.85	125
	Jun 2013	70	70	7664.80	125
	Jul 2013	29	42	7659.87	112
	Aug 2013	20	38	7652.59	93
	Sep 2013	17	30	7647.38	81
	WY 2013	**281**	**251**		
	Oct 2013	16	19	7645.91	77
	Nov 2013	9	8	7646.27	78
	Dec 2013	6	3	7647.55	81
	Jan 2014	5	5	7647.70	82
	Feb 2014	5	4	7647.83	82
	Mar 2014	9	3	7650.07	87

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2012 24-Month Study

Most Probable Inflow*

Navajo Reservoir

	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azetea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Farmington Flow (1000 Ac-Ft)
*	Apr 2011	115	14	84	2	19	31	6060.75	1357	44
H	May 2011	172	22	134	4	28	32	6066.13	1428	79
I	Jun 2011	252	43	193	4	42	113	6068.65	1462	295
S	Jul 2011	40	8	46	5	48	31	6065.88	1424	98
T	Aug 2011	3	2	29	4	47	46	6060.64	1356	47
O	Sep 2011	15	2	35	3	20	40	6058.35	1327	
	WY 2011	**737**	**93**	**641**	**28**	**220**	**478**			**838**
R	Oct 2011	54	4	44	2	10	33	6058.32	1327	55
I	Nov 2011	31	1	23	1	0	21	6058.38	1327	47
C	Dec 2011	19	0	16	1	1	31	6057.10	1311	56
A	Jan 2012	18	0	16	1	1	30	6055.85	1296	48
L	Feb 2012	19	0	18	1	1	28	6054.95	1285	
*	Mar 2012	74	7	61	2	6	31	6056.81	1308	
	Apr 2012	135	15	99	2	17	30	6060.81	1358	30
	May 2012	165	35	114	4	32	48	6063.17	1389	48
	Jun 2012	115	26	89	4	47	92	6058.89	1334	92
	Jul 2012	30	4	51	4	53	38	6055.38	1290	38
	Aug 2012	29	1	52	3	46	56	6050.99	1237	56
	Sep 2012	35	0	50	3	26	40	6049.37	1218	40
	WY 2012	**723**	**93**	**634**	**27**	**239**	**478**			**511**
	Oct 2012	47	1	48	2	7	31	6050.09	1227	31
	Nov 2012	34	0	26	1	0	30	6049.69	1222	30
	Dec 2012	25	0	20	1	0	31	6048.74	1211	31
	Jan 2013	22	0	18	1	4	31	6047.25	1194	31
	Feb 2013	30	0	27	1	0	28	6047.11	1192	28
	Mar 2013	92	3	83	1	2	31	6051.29	1241	31
	Apr 2013	170	15	135	2	17	30	6058.38	1327	30
	May 2013	277	37	212	4	32	59	6067.44	1445	59
	Jun 2013	224	31	192	4	47	120	6068.88	1465	120
	Jul 2013	66	6	73	5	53	35	6067.40	1445	35
	Aug 2013	45	2	61	4	46	43	6065.06	1414	43
	Sep 2013	43	0	55	3	26	35	6064.36	1404	35
	WY 2013	**1075**	**95**	**950**	**28**	**234**	**503**			**503**
	Oct 2013	47	1	49	2	6	33	6064.95	1412	33
	Nov 2013	34	1	32	1	0	30	6065.03	1413	30
	Dec 2013	25	0	22	1	0	31	6064.32	1404	31
	Jan 2014	22	0	21	1	0	31	6063.56	1394	31
	Feb 2014	30	0	30	1	0	28	6063.65	1395	28
	Mar 2014	92	3	84	2	2	31	6067.40	1445	31

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2012 24-Month Study

Most Probable Inflow*

Lake Powell

	Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry (1000 Ac-Ft)
*	Apr 2011	1136	1096	25	940	0	940	3611.93	5088	12926	963
H	May 2011	2440	2467	30	1171	0	1171	3623.13	5182	14098	1191
I	Jun 2011	5203	4661	54	1377	0	1377	3648.98	5421	17089	1391
S	Jul 2011	3767	3195	74	1483	0	1483	3660.86	5542	18605	1502
T	Aug 2011	664	780	74	1479	0	1479	3655.34	5485	17890	1501
O	Sep 2011	456	669	67	922	0	922	3653.01	5461	17593	957
	WY 2011	**15971**	**15498**	**467**	**12518**	**0**	**12518**				**12731**
R	Oct 2011	513	630	45	956	0	956	3650.27	5434	17249	979
I	Nov 2011	506	530	43	1099	0	1099	3645.67	5388	16683	1104
C	Dec 2011	363	490	33	1223	0	1223	3639.75	5332	15974	1226
A	Jan 2012	356	503	10	852	0	852	3636.91	5305	15641	846
L	Feb 2012	342	460	11	653	0	653	3635.28	5290	15453	654
*	Mar 2012	560	625	19	600	0	600	3635.33	5290	15458	607
	Apr 2012	800	662	29	600	0	600	3635.59	5293	15488	600
	May 2012	1050	913	35	600	0	600	3637.81	5313	15746	600
	Jun 2012	1150	998	55	714	0	714	3639.62	5330	15958	714
	Jul 2012	500	546	65	890	0	890	3636.38	5300	15580	890
	Aug 2012	319	471	64	800	0	800	3633.21	5271	15216	800
	Sep 2012	335	453	58	476	0	476	3632.55	5265	15140	476
	WY 2012	**6794**	**7281**	**467**	**9463**	**0**	**9463**				**9497**
	Oct 2012	512	548	40	491	0	491	3632.68	5266	15156	491
	Nov 2012	473	493	39	600	0	600	3631.50	5255	15021	600
	Dec 2012	363	418	30	800	0	800	3628.08	5225	14639	800
	Jan 2013	361	426	9	800	0	800	3624.85	5196	14284	800
	Feb 2013	393	428	10	600	0	600	3623.30	5183	14116	600
	Mar 2013	665	588	17	600	0	600	3623.05	5181	14089	600
	Apr 2013	1056	861	27	600	0	600	3625.04	5198	14305	600
	May 2013	2343	1986	34	600	0	600	3636.19	5298	15558	600
	Jun 2013	2666	2293	56	825	0	825	3647.16	5403	16865	825
	Jul 2013	1091	1011	69	890	0	890	3647.55	5407	16913	890
	Aug 2013	500	620	69	824	0	824	3645.48	5386	16660	824
	Sep 2013	408	549	63	600	0	600	3644.62	5378	16555	600
	WY 2013	**10831**	**10221**	**463**	**8230**	**0**	**8230**				**8230**
	Oct 2013	512	583	43	600	0	600	3644.15	5374	16499	600
	Nov 2013	473	529	42	600	0	600	3643.29	5365	16394	600
	Dec 2013	363	506	33	800	0	800	3640.75	5341	16092	800
	Jan 2014	361	477	10	800	0	800	3638.13	5316	15783	800
	Feb 2014	393	473	11	600	0	600	3637.03	5306	15655	600
	Mar 2014	665	618	19	600	0	600	3637.03	5306	15655	600

* Based on the Colorado River Basin Forecast Center'sMost Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2012 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Glen Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Apr 2011	940	140	40	1078	18.1	20	1066	722	1095.76	11115
H	May 2011	1171	104	47	1001	16.3	25	997	735	1097.90	11304
I	Jun 2011	1377	72	57	939	15.8	25	938	761	1102.38	11705
S	Jul 2011	1483	74	73	1001	16.3	26	1000	789	1107.07	12133
T	Aug 2011	1479	96	80	831	13.5	28	829	827	1113.45	12730
O	Sep 2011	922	96	67	670	11.3	18	668	844	1116.04	12977
	WY 2011	**12518**	**1157**	**578**	**9799**		**225**	**9676**			
R	Oct 2011	956	66	49	443	7.2	20	436	875	1121.00	13456
I	Nov 2011	1099	36	50	564	9.5	13	561	906	1125.82	13933
C	Dec 2011	1223	84	45	497	8.1	9	482	952	1132.83	14644
A	Jan 2012	852	55	37	713	11.6	9	712	976	1134.18	15022
L	Feb 2012	653	45	34	775	13.5	11	775	969	1133.06	14907
*	Mar 2012	600	43	38	986	16.0	16	985	945	1129.41	14535
	Apr 2012	600	76	46	1150	19.3	17	1150	912	1124.37	14030
	May 2012	600	64	52	1037	16.9	28	1037	884	1120.03	13604
	Jun 2012	714	33	62	952	16.0	25	952	866	1117.20	13330
	Jul 2012	890	54	77	869	14.1	29	869	865	1116.89	13301
	Aug 2012	800	103	82	801	13.0	30	801	864	1116.80	13292
	Sep 2012	476	74	67	718	12.1	20	718	848	1114.30	13052
	WY 2012	**9463**	**733**	**639**	**9506**		**226**	**9479**			
	Oct 2012	491	49	49	421	6.9	22	421	851	1114.77	13098
	Nov 2012	600	46	49	534	9.0	20	534	854	1115.19	13138
	Dec 2012	800	108	42	494	8.0	17	494	876	1118.66	13471
	Jan 2013	800	78	35	694	11.3	16	694	884	1119.94	13596
	Feb 2013	600	98	32	703	12.7	15	703	881	1119.44	13547
	Mar 2013	600	78	36	1047	17.0	21	1047	855	1115.29	13147
	Apr 2013	600	76	43	1128	19.0	17	1128	823	1110.19	12665
	May 2013	600	64	49	1010	16.4	27	1010	797	1105.90	12268
	Jun 2013	825	33	58	945	15.9	23	945	787	1104.17	12110
	Jul 2013	890	54	73	935	15.2	25	935	782	1103.25	12027
	Aug 2013	824	103	77	843	13.7	27	843	780	1103.03	12008
	Sep 2013	600	74	63	667	11.2	19	667	776	1102.25	11937
	WY 2013	**8230**	**861**	**606**	**9423**		**250**	**9423**			
	Oct 2013	600	49	46	456	7.4	23	456	783	1103.54	12054
	Nov 2013	600	46	46	546	9.2	22	546	785	1103.87	12084
	Dec 2013	800	108	40	481	7.8	17	481	808	1107.66	12430
	Jan 2014	800	78	33	694	11.3	20	694	816	1108.99	12553
	Feb 2014	600	98	31	703	12.7	18	703	813	1108.44	12502
	Mar 2014	600	78	34	1047	17.0	24	1047	787	1104.06	12101

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2012 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Apr 2011	1078	-13	17	1047	0	1047	17.6	643.30	1707
H	May 2011	1001	-10	22	949	0	949	15.4	644.04	1727
I	Jun 2011	939	-9	25	954	0	954	16.0	642.27	1679
S	Jul 2011	1001	-10	25	943	0	943	15.3	643.11	1702
T	Aug 2011	831	-6	23	822	0	822	13.4	642.38	1682
O	Sep 2011	670	-6	18	717	0	717	12.1	639.73	1610
	WY 2011	**9799**	**-120**	**198**	**9446**	**0**	**9446**			
R	Oct 2011	443	7	15	611	0	611	9.9	633.03	1435
I	Nov 2011	564	-11	10	466	0	466	7.8	635.99	1511
C	Dec 2011	497	-28	9	385	0	385	6.3	638.82	1586
A	Jan 2012	713	-23	10	638	0	638	10.4	640.38	1628
L	Feb 2012	775	-18	10	726	0	726	12.6	641.20	1650
*	Mar 2012	986	-23	13	931	0	931	15.1	641.93	1670
	Apr 2012	1150	-14	17	1091	0	1091	18.3	643.00	1699
	May 2012	1037	-14	22	1001	0	1001	16.3	643.00	1699
	Jun 2012	952	-10	25	943	0	943	15.9	642.00	1671
	Jul 2012	869	-4	25	853	0	853	13.9	641.50	1658
	Aug 2012	801	-7	23	771	0	771	12.5	641.50	1658
	Sep 2012	718	0	18	793	0	793	13.3	638.00	1564
	WY 2012	**9506**	**-147**	**196**	**9209**	**0**	**9209**			
	Oct 2012	421	0	14	600	0	600	9.8	630.49	1371
	Nov 2012	534	-15	10	394	0	394	6.6	635.00	1486
	Dec 2012	494	-19	9	368	0	368	6.0	638.71	1583
	Jan 2013	694	-13	10	588	0	588	9.6	641.80	1666
	Feb 2013	703	-6	10	687	0	687	12.4	641.80	1666
	Mar 2013	1047	-14	13	985	0	985	16.0	643.05	1700
	Apr 2013	1128	-14	17	1100	0	1100	18.5	643.00	1699
	May 2013	1010	-14	22	974	0	974	15.8	643.00	1699
	Jun 2013	945	-10	25	937	0	937	15.7	642.00	1671
	Jul 2013	935	-4	25	919	0	919	14.9	641.50	1658
	Aug 2013	843	-7	23	813	0	813	13.2	641.50	1658
	Sep 2013	667	0	18	742	0	742	12.5	638.00	1564
	WY 2013	**9423**	**-118**	**196**	**9109**	**0**	**9109**			
	Oct 2013	456	0	15	572	0	572	9.3	633.00	1434
	Nov 2013	546	-15	10	469	0	469	7.9	635.00	1486
	Dec 2013	481	-19	9	355	0	355	5.8	638.71	1583
	Jan 2014	694	-13	10	588	0	588	9.6	641.80	1666
	Feb 2014	703	-6	10	687	0	687	12.4	641.80	1666
	Mar 2014	1047	-14	13	985	0	985	16.0	643.05	1700

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2012 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	Apr 2011	1047	18	11	786	13.2	71	180	448.54	590	204	3.4
H	May 2011	949	17	13	691	11.2	83	166	448.68	593	115	1.9
I	Jun 2011	954	14	15	708	11.9	96	155	447.73	575	120	2.0
S	Jul 2011	943	34	17	762	12.4	100	77	448.22	584	127	2.1
T	Aug 2011	822	25	17	669	10.9	91	60	448.13	583	97	1.6
O	Sep 2011	717	30	15	538	9.0	83	102	448.28	585	91	1.5
	WY 2011	**9446**	**263**	**140**	**6837**		**963**	**1657**			**1634**	
R	Oct 2011	611	31	12	472	7.7	8	149	447.97	579	62	1.0
I	Nov 2011	466	37	9	321	5.4	7	175	447.32	567	93	1.6
C	Dec 2011	385	27	6	267	4.3	15	151	445.69	537	108	1.7
A	Jan 2012	638	12	6	382	6.2	54	187	446.61	554	131	2.1
L	Feb 2012	726	12	8	497	8.6	49	169	447.10	563	159	2.8
*	Mar 2012	931	6	9	711	11.6	18	187	447.23	565	187	3.0
	Apr 2012	1091	19	11	800	13.4	98	178	448.00	580	205	3.5
	May 2012	1001	18	13	696	11.3	105	183	448.50	590	112	1.8
	Jun 2012	943	15	15	688	11.6	98	143	448.50	590	114	1.9
	Jul 2012	853	21	17	728	11.8	101	23	448.00	580	115	1.9
	Aug 2012	771	22	17	647	10.5	84	42	447.50	571	105	1.7
	Sep 2012	793	20	15	567	9.5	81	154	446.81	557	102	1.7
	WY 2012	**9209**	**240**	**139**	**6774**		**719**	**1741**			**1493**	
	Oct 2012	600	23	12	454	7.4	8	152	446.31	548	64	1.0
	Nov 2012	394	32	8	382	6.4	4	22	446.50	552	102	1.7
	Dec 2012	368	26	6	278	4.5	4	102	446.50	552	106	1.7
	Jan 2013	588	15	6	358	5.8	94	141	446.50	552	122	2.0
	Feb 2013	687	7	8	462	8.3	84	135	446.50	552	153	2.8
	Mar 2013	985	18	9	711	11.6	94	178	446.70	555	208	3.4
	Apr 2013	1100	19	11	798	13.4	90	172	448.70	593	200	3.4
	May 2013	974	18	13	695	11.3	94	178	448.70	593	111	1.8
	Jun 2013	937	15	16	677	11.4	90	155	448.70	593	112	1.9
	Jul 2013	919	21	17	731	11.9	94	98	448.00	580	118	1.9
	Aug 2013	813	22	17	624	10.2	94	97	447.50	571	92	1.5
	Sep 2013	742	20	15	527	8.9	77	147	446.81	557	89	1.5
	WY 2013	**9109**	**237**	**139**	**6698**		**826**	**1579**			**1477**	
	Oct 2013	572	23	12	445	7.2	29	110	446.31	548	72	1.2
	Nov 2013	469	32	8	376	6.3	30	77	446.50	552	105	1.8
	Dec 2013	355	26	6	284	4.6	30	56	446.50	552	118	1.9
	Jan 2014	588	15	6	358	5.8	94	141	446.50	552	122	2.0
	Feb 2014	687	7	8	462	8.3	84	135	446.50	552	153	2.8
	Mar 2014	985	18	9	711	11.6	94	178	446.70	555	208	3.4

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2012 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Apr 2011	1078	18.1	1095.76	11115	-55	449.53	1157.0	430.9	70	399.6
H	May 2011	1001	16.3	1097.90	11304	189	452.71	1468.0	394.5	88	393.9
I	Jun 2011	939	15.8	1102.38	11705	401	457.87	1661.0	372.1	100	396.2
S	Jul 2011	1001	16.3	1107.07	12133	429	462.21	1698.0	403.2	100	402.6
T	Aug 2011	831	13.5	1113.45	12730	597	469.04	1721.0	338.8	100	407.7
O	Sep 2011	670	11.3	1116.04	12977	247	473.88	1757.0	272.0	100	406.1
	WY 2011	**9799**							**3848.4**		
R	Oct 2011	443	7.2	1121.00	13456	479	478.70	1311.0	178.9	74	403.5
I	Nov 2011	564	9.5	1125.82	13933	477	481.61	1110.0	233.8	61	414.3
C	Dec 2011	497	8.1	1132.83	14644	711	488.04	1374.0	207.2	75	417.3
A	Jan 2012	713	11.6	1134.18	15022	139	485.97	1146.0	308.0	61	432.1
L	Feb 2012	775	13.5	1133.06	14907	-115	484.32	1282.0	338.6	68	436.7
*	Mar 2012	986	16.0	1129.41	14535	-372	481.45	1047.0	427.4	56	433.4
	Apr 2012	1150	19.3	1124.37	14030	-505	477.66	1164.0	516.5	62	449.1
	May 2012	1037	16.9	1120.03	13604	-426	473.18	1028.0	456.4	57	440.0
	Jun 2012	952	16.0	1117.20	13330	-274	465.17	1794.0	398.6	100	418.9
	Jul 2012	869	14.1	1116.89	13301	-29	464.10	1792.0	365.1	100	420.2
	Aug 2012	801	13.0	1116.80	13292	-9	464.07	1792.0	333.4	100	416.1
	Sep 2012	718	12.1	1114.30	13052	-239	463.92	1778.0	295.9	100	411.9
	WY 2012	**9506**							**4059.9**		
	Oct 2012	421	6.9	1114.77	13098	45	467.45	1390.0	170.1	78	403.7
	Nov 2012	534	9.0	1115.19	13138	40	470.37	1389.0	218.2	78	408.7
	Dec 2012	494	8.0	1118.66	13471	333	469.61	1405.0	204.7	78	414.7
	Jan 2013	694	11.3	1119.94	13596	124	469.74	1412.0	288.9	78	416.2
	Feb 2013	703	12.7	1119.44	13547	-49	469.08	1417.0	297.1	78	422.4
	Mar 2013	1047	17.0	1115.29	13147	-400	466.36	1397.0	442.4	78	422.6
	Apr 2013	1128	19.0	1110.19	12665	-482	461.18	1415.0	478.9	80	424.4
	May 2013	1010	16.4	1105.90	12268	-397	454.34	1767.0	408.2	100	404.1
	Jun 2013	945	15.9	1104.17	12110	-158	451.68	1773.0	385.2	100	407.6
	Jul 2013	935	15.2	1103.25	12027	-83	450.85	1785.0	378.5	100	404.6
	Aug 2013	843	13.7	1103.03	12008	-19	450.45	1794.0	343.9	100	407.8
	Sep 2013	667	11.2	1102.25	11937	-70	451.10	1794.0	265.6	100	398.0
	WY 2013	**9423**							**3881.8**		
	Oct 2013	456	7.4	1103.54	12054	117	455.86	1400.9	182.8	78	400.8
	Nov 2013	546	9.2	1103.87	12084	30	458.33	1397.6	219.2	78	401.7
	Dec 2013	481	7.8	1107.66	12430	347	458.50	1398.8	195.0	78	405.5
	Jan 2014	694	11.3	1108.99	12553	123	458.82	1399.5	283.2	78	407.9
	Feb 2014	703	12.7	1108.44	12502	-51	458.15	1406.8	291.1	78	413.8
	Mar 2014	1047	17.0	1104.06	12101	-401	455.30	1405.6	432.9	78	413.5

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2012 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Apr 2011	1047	17.6	643.30	1707	2	141.68	227.0	131.6	89	125.7
H	May 2011	949	15.4	644.04	1727	20	142.61	255.0	120.3	100	126.8
I	Jun 2011	954	16.0	642.27	1679	-48	140.41	249.9	120.6	98	126.4
S	Jul 2011	943	15.3	643.11	1702	23	143.18	255.0	119.3	100	126.5
T	Aug 2011	822	13.4	642.38	1682	-20	140.95	255.0	103.5	100	125.9
O	Sep 2011	717	12.1	639.73	1610	-72	137.99	255.0	90.2	100	125.8
	WY 2011	**9446**							**1182.3**		
R	Oct 2011	611	9.9	633.03	1435	-175	133.41	181.1	74.4	71	121.8
I	Nov 2011	466	7.8	635.99	1511	76	134.28	170.9	57.0	67	122.2
C	Dec 2011	385	6.3	638.82	1586	74	135.59	173.4	48.1	68	124.9
A	Jan 2012	638	10.4	640.38	1628	42	138.75	170.9	77.2	67	121.0
L	Feb 2012	726	12.6	641.20	1650	22	140.80	163.2	90.8	64	125.1
*	Mar 2012	931	15.1	641.93	1670	20	140.23	204.0	117.4	80	126.2
	Apr 2012	1091	18.3	643.00	1699	29	135.62	249.9	135.0	98	123.8
	May 2012	1001	16.3	643.00	1699	0	136.04	255.0	125.0	100	124.9
	Jun 2012	943	15.9	642.00	1671	-27	135.51	255.0	117.5	100	124.6
	Jul 2012	853	13.9	641.50	1658	-14	134.73	255.0	106.2	100	124.5
	Aug 2012	771	12.5	641.50	1658	0	134.46	255.0	96.2	100	124.7
	Sep 2012	793	13.3	638.00	1564	-94	132.62	255.0	97.5	100	122.9
	WY 2012	**9209**							**1142.2**		
	Oct 2012	600	9.8	630.49	1371	-193	127.85	219.3	71.6	86	119.2
	Nov 2012	394	6.6	635.00	1486	115	125.53	244.8	46.9	96	119.1
	Dec 2012	368	6.0	638.71	1583	97	130.29	229.5	45.3	90	123.1
	Jan 2013	588	9.6	641.80	1666	83	134.09	221.9	73.4	87	124.7
	Feb 2013	687	12.4	641.80	1666	0	136.08	209.1	86.0	82	125.1
	Mar 2013	985	16.0	643.05	1700	34	135.86	239.7	122.6	94	124.4
	Apr 2013	1100	18.5	643.00	1699	-2	136.07	255.0	136.6	100	124.3
	May 2013	974	15.8	643.00	1699	0	136.04	255.0	121.7	100	125.0
	Jun 2013	937	15.7	642.00	1671	-27	135.51	255.0	116.7	100	124.6
	Jul 2013	919	14.9	641.50	1658	-14	134.73	255.0	114.1	100	124.2
	Aug 2013	813	13.2	641.50	1658	0	134.46	255.0	101.3	100	124.5
	Sep 2013	742	12.5	638.00	1564	-94	132.62	255.0	91.4	100	123.2
	WY 2013	**9109**							**1127.7**		
	Oct 2013	572	9.3	633.00	1434	-130	129.17	219.3	68.9	86	120.5
	Nov 2013	469	7.9	635.00	1486	51	126.85	244.8	56.2	96	119.7
	Dec 2013	355	5.8	638.71	1583	97	130.29	229.5	43.7	90	123.1
	Jan 2014	588	9.6	641.80	1666	83	134.09	221.9	73.4	87	124.7
	Feb 2014	687	12.4	641.80	1666	0	136.08	209.1	86.0	82	125.1
	Mar 2014	985	16.0	643.05	1700	34	135.86	239.7	122.6	94	124.4

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2012 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Apr 2011	786	13.2	448.54	590	9	82.13	120.0	54.4	100	69.1
H	May 2011	691	11.2	448.68	593	3	80.58	120.0	47.9	100	69.3
I	Jun 2011	708	11.9	447.73	575	-18	81.68	114.0	49.9	95	70.4
S	Jul 2011	762	12.4	448.22	584	9	81.72	116.4	51.6	97	67.7
T	Aug 2011	669	10.9	448.13	583	-2	82.04	120.0	46.1	100	68.9
O	Sep 2011	538	9.0	448.28	585	3	82.16	120.0	39.4	100	73.2
	WY 2011	**6837**							**474.2**		
R	Oct 2011	472	7.7	447.97	579	-6	81.92	92.4	31.5	77	66.8
I	Nov 2011	321	5.4	447.32	567	-12	80.93	102.0	22.1	85	69.1
C	Dec 2011	267	4.3	445.69	537	-30	81.08	67.2	17.7	56	66.2
A	Jan 2012	382	6.2	446.61	554	17	80.68	67.2	25.6	56	67.1
L	Feb 2012	497	8.6	447.10	563	9	80.85	94.8	35.1	79	70.7
*	Mar 2012	711	11.6	447.23	565	2	81.75	97.2	48.8	81	68.6
	Apr 2012	800	13.4	448.00	580	15	75.00	120.0	52.7	100	66.0
	May 2012	696	11.3	448.50	590	10	75.61	120.0	46.0	100	66.1
	Jun 2012	688	11.6	448.50	590	0	75.86	120.0	45.7	100	66.4
	Jul 2012	728	11.8	448.00	580	-9	75.61	120.0	48.2	100	66.2
	Aug 2012	647	10.5	447.50	571	-10	75.13	120.0	42.4	100	65.6
	Sep 2012	567	9.5	446.81	557	-13	74.55	120.0	36.8	100	65.0
	WY 2012	**6774**							**452.8**		
	Oct 2012	454	7.4	446.31	548	-9	74.77	102.0	29.3	85	64.6
	Nov 2012	382	6.4	446.50	552	3	74.62	102.0	24.5	85	64.1
	Dec 2012	278	4.5	446.50	552	0	74.71	102.0	17.4	85	62.8
	Jan 2013	358	5.8	446.50	552	0	74.71	102.0	22.8	85	63.8
	Feb 2013	462	8.3	446.50	552	0	73.92	120.0	29.7	100	64.2
	Mar 2013	711	11.6	446.70	555	4	74.01	120.0	46.2	100	64.9
	Apr 2013	798	13.4	448.70	593	38	75.08	120.0	52.7	100	66.0
	May 2013	695	11.3	448.70	593	0	76.05	120.0	46.2	100	66.5
	Jun 2013	677	11.4	448.70	593	0	76.05	120.0	45.0	100	66.5
	Jul 2013	731	11.9	448.00	580	-13	75.71	120.0	48.4	100	66.3
	Aug 2013	624	10.2	447.50	571	-10	75.13	120.0	40.9	100	65.5
	Sep 2013	527	8.9	446.81	557	-13	74.55	120.0	34.2	100	64.8
	WY 2013	**6698**							**437.5**		
	Oct 2013	445	7.2	446.31	548	-9	74.77	102.0	28.7	85	64.6
	Nov 2013	376	6.3	446.50	552	3	74.62	102.0	24.1	85	64.1
	Dec 2013	284	4.6	446.50	552	0	74.71	102.0	17.9	85	62.9
	Jan 2014	358	5.8	446.50	552	0	74.71	102.0	22.8	85	63.8
	Feb 2014	462	8.3	446.50	552	0	73.92	120.0	29.7	100	64.2
	Mar 2014	711	11.6	446.70	555	4	74.01	120.0	46.2	100	64.9

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2120

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2012 24-Month Study

Most Probable Inflow*

Upper Basin Power

	Date	Glen Canyon 1000 MWHR	Flaming Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Reservoir 1000 MWHR	Fontenelle Reservoir 1000 MWHR
*	Apr 2011	415	65	26	37	21	5
H	May 2011	520	105	44	66	23	5
I	Jun 2011	634	98	36	61	23	5
S	Jul 2011	708					
T	Aug 2011	706	60	39	44	22	8
O	Sep 2011	442	58	34	41	22	6
	Summer 2011	**3425**	**386**	**179**	**248**	**111**	**30**
R	Oct 2011	446	48	28	33	18	5
I	Nov 2011	508	34	11	13	7	2
C	Dec 2011	563	43	25	30	17	6
A	Jan 2012	388	58	15	18	10	5
L	Feb 2012	295	54	9	12	2	4
*	Mar 2012	275	62	9	12	6	4
	Winter 2012	**2475**	**300**	**97**	**117**	**61**	**26**
	Apr 2012	254	42	9	16	9	4
	May 2012	255	53	20	27	15	8
	Jun 2012	304	57	19	25	14	9
	Jul 2012	379	34	30	37	18	10
	Aug 2012	338	34	29	36	18	10
	Sep 2012	201	33	23	29	15	7
	Summer 2012	**1730**	**252**	**128**	**170**	**90**	**46**
	Oct 2012	207	34	14	19	10	7
	Nov 2012	252	33	5	7	4	6
	Dec 2012	335	34	5	7	4	6
	Jan 2013	333	34	7	9	5	6
	Feb 2013	248	30	6	9	5	5
	Mar 2013	248	34	7	11	6	5
	Winter 2013	**1623**	**197**	**44**	**61**	**35**	**35**
	Apr 2013	248	33	10	17	10	5
	May 2013	252	47	39	56	23	7
	Jun 2013	353	84	22	33	22	9
	Jul 2013	385	38	36	43	23	10
	Aug 2013	356	38	38	45	23	8
	Sep 2013	259	37	35	42	21	7
	Summer 2013	**1853**	**278**	**181**	**237**	**123**	**45**
	Oct 2013	258	38	21	26	14	7
	Nov 2013	258	37	12	15	8	6
	Dec 2013	343	38	28	35	17	6
	Jan 2014	341	38	20	25	13	6
	Feb 2014	255	34	16	21	11	5
	Mar 2014	255	38	13	17	9	5
	Winter 2014	**1455**	**186**	**97**	**122**	**63**	**29**

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2120

Processed On: 4/10/2012 10:51:46AM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2012 24-Month Study

Most Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions

Date	Flaming George KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Total KAF	Flaming George KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****EFFECTIVE SPACE****										
Apr 2012	739	290	388	8864	10281	12842	23123	301	73	146	520	8864	12842	22226	1500	1150	0	37.3
May 2012	724	250	338	8834	10145	13347	23493	282	26	77	385	8834	13347	22566	1500	1037	0	37.3
Jun 2012	683	224	307	8576	9790	13773	23563	231	-10	10	232	8576	13773	22581	1500	952	0	37.3
Jul 2012	538	185	362	8364	9449	14047	23496	73	-54	14	32	8364	14047	22443	1500	869	0	36.8
								****CREDITABLE SPACE****										
Aug 2012	483	231	406	8742	9862	14076	23939	483	231	406	1120	8742	14076	23939	1500	801	0	36.3
Sep 2012	512	282	459	9106	10359	14085	24444	512	282	459	1252	9106	14085	24444	2270	718	0	35.8
Oct 2012	562	325	478	9182	10547	14325	24871	562	325	478	1365	9182	14325	24871	3040	421	0	35.6
Nov 2012	603	337	469	9166	10576	14279	24855	603	337	469	1409	9166	14279	24855	3810	534	0	35.6
Dec 2012	645	324	474	9301	10743	14239	24982	645	324	474	1443	9301	14239	24982	4580	494	0	35.5
Jan 2013	704	316	485	9683	11188	13906	25094	704	316	485	1505	9683	13906	25094	5350	694	0	35.3
								****EFFECTIVE SPACE****										
Jan 2013	704	316	485	9683	11188	13906	25094	345	316	407	1069	9683	13906	24657	5350	694	0	35.3
Feb 2013	758	316	502	10038	11614	13781	25395	397	316	420	1133	10038	13781	24952	1500	703	0	35.1
Mar 2013	799	315	504	10206	11824	13830	25654	436	315	421	1171	10206	13830	25208	1500	1047	0	34.8
Apr 2013	793	305	455	10233	11787	14230	26017	426	305	368	1099	10233	14230	25562	1500	1128	0	34.7
May 2013	756	265	369	10017	11407	14712	26119	382	265	263	910	10017	14712	25639	1500	1010	0	35.9
Jun 2013	650	192	251	8764	9857	15109	24966	265	192	109	566	8764	15109	24439	1500	945	0	37.3
Jul 2013	504	28	231	7457	8220	15267	23487	106	3	37	146	7457	15267	22869	1500	935	0	37.3
								****CREDITABLE SPACE****										
Aug 2013	416	27	251	7409	8104	15350	23454	416	27	251	695	7409	15350	23454	1500	843	0	36.9
Sep 2013	447	77	282	7662	8468	15369	23838	447	77	282	806	7662	15369	23838	2270	667	0	36.5
Oct 2013	505	146	292	7767	8709	15440	24149	505	146	292	942	7767	15440	24149	3040	456	0	36.3
Nov 2013	557	173	284	7823	8837	15323	24160	557	173	284	1014	7823	15323	24160	3810	546	0	36.3
Dec 2013	611	181	283	7928	9002	15293	24295	611	181	283	1074	7928	15293	24295	4580	481	0	36.3
Jan 2014	681	248	292	8230	9452	14947	24398	681	248	292	1222	8230	14947	24398	5350	694	0	36.0
								****EFFECTIVE SPACE****										
Jan 2014	681	248	292	8230	9452	14947	24398	292	248	186	726	8230	14947	23903	5350	694	0	36.0
Feb 2014	747	289	302	8539	9877	14824	24701	356	289	196	841	8539	14824	24204	1500	703	0	35.8
Mar 2014	799	320	301	8667	10086	14875	24961	406	320	194	919	8667	14875	24461	1500	1047	0	35.5

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2120

Processed On: 4/10/2012 10:51:46AM

May 24-Month Study
Date: May 9, 2012

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

Reservoir	April Inflow (unregulated) (acre-feet)	Percent of Average (%)	May 8 Midnight Elevation (feet)	Reservoir Storage (acre-feet)
Fontenelle	98,000	115	6480.26	168,000
Flaming Gorge	136,000	102	6026.23	3,206,000
Blue Mesa	57,000	74	7483.26	530,000
Navajo	149,000	87	6060.66	1,356,000
Powell	764,000	72	3635.86	15,520,000

Expected Operations

The operation of Lake Powell and Lake Mead in this May 2012 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines), and reflects the 2012 Annual Operating Plan (AOP). Pursuant to the Interim Guidelines, the August 2011 24-Month Study projections of the January 1, 2012 system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2012.

Consistent with Section 6.A of the Interim Guidelines, the Lake Powell operational tier for water year 2012 is the Equalization Tier. The May 2012 24-Month Study projects the water year release volume from Lake Powell for 2012 to be 9.46 maf.

Consistent with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar year 2012.

The Interim Guidelines are available for download at
http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The 2012 AOP is available for download at
http://www.usbr.gov/lc/region/g4000/aop/AOP12.pdf.

Fontenelle Reservoir – Inflows for the month of April were 98 kaf, or 115% of average. The reservoir elevation is 6480 feet above sea level and 49% of capacity. Current inflows are approximately 1,400 cfs and reservoir releases are 1,000 cfs. Releases will likely remain near 1,000 cfs through the first weeks of May and may be increased to approximately 1,500 cfs near the end of the month. The reservoir elevation will continue to increase throughout the spring and summer. Basin snowpack peaked on March 21st, approximately three weeks early, at 84% of average. Current snowpack above Fontenelle Reservoir is 33% of average and most of the low and middle elevation snow has melted.

The Colorado Basin River Forecast Center and Natural Resources Conservation Service have issued the May coordinated forecast for the April to July 2012 runoff season. As conditions become drier, the forecast continues to decrease. Inflows are forecasted to be 540 kaf, or 74% of average. The May forecast decreased by 18% since the April official forecast. Inflows over the next three months are forecasted by the River Forecast Center to be: 115 kaf (70%), 215 kaf (72%) and 110 kaf (62%) for May, June, and July respectively.

The spring Fontenelle Working Group meeting was held on April 26, 2012 at Seedskadee National Wildlife Refuge. Minutes from the meeting are posted on the Working Group web pages. The next Fontenelle Working Group meeting is scheduled for August 23, 2012 at 10:00 am at the Joint Power's Water Board treatment plant boardroom in Green River, Wyoming. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir.

Flaming Gorge Reservoir – Unregulated inflow into Flaming Gorge Reservoir during the month of April was 136,000 acre-feet, or 101 percent of 1981-2010 average inflow. Flaming Gorge Reservoir is releasing average daily release rate of 1,600 cubic feet per second (cfs). Releases increase from 800 cfs to 1,580 cfs at 6:00 MDT and from 1,580 cfs to 2,490 cfs at 17:00 MDT, returning to 800 cfs at midnight.

The Colorado Basin River Forecast Center and Natural Resources Conservation Service have issued the joint water supply forecast for the April-July runoff season. The unregulated inflow volumes and percent of average for May, June and July are forecasted to be 145 kaf (60%), 230 kaf (58%), and 120 kaf (57%), respectively.

The May forecast for April-July unregulated inflow volume into Flaming Gorge Reservoir is 630,000 acre-feet (64 percent of average), which is a decrease of 16 percent from the previous forecast. This volume corresponds with the moderately dry classification within the 2006 Record of Decision. Because the flow targets measured on the Green River at Jensen, Utah are dependent upon Yampa River flows, flexibility is written into the Record of Decision that allow Reclamation to meet targets up to two classifications higher or one classification lower than the classification under the May final forecast of April through July unregulated inflow into Flaming Gorge Reservoir.

The hydrologic classification has been designated as dry because of the extremely dry conditions on the Yampa River.

Flaming Gorge Dam spring releases coincide with the immediate peak and post-peak of the Yampa River in order to meet flow targets measured at the USGS Green River at Jensen stream gage. The Upper Colorado River Endangered Fish Recovery Program (Recovery Program) this year has requested spring releases timed with the emergence of larval razorback sucker in the upper and middle Green River below Flaming Gorge Dam. The razorback sucker is an endangered fish protected under the 1973 Endangered Species Act.

The Green River at Jensen, Utah spring peak target under the dry hydrologic classification is flows of at least 8,300 cfs for a minimum of two days except in extremely dry years. The addition of the Recovery Program Larval Trigger Study Plan experimental request to shift the timing of releases with the emergence of larval razorback sucker in the upper and middle Green River may have an impact of not meeting the Record of Decision targets during this dry year. The necessary Yampa River flows may not be available during larval presence. The U.S. Fish and Wildlife Service has indicated that the implementation of the Larval Trigger Study Plan experiment meets the necessary requirements under the 1973 Endangered Species Act.

Researchers are on the river monitoring for the presence of larval razorback sucker. Historically, larval presence has been reported to occur as the Yampa River descends from its spring peak. Yampa River snowpack this year is extremely dry with record-breaking low levels of snow throughout the basin. There has been above-average warming and below-average precipitation during the month of March and throughout April. This warming has eroded an already low snowpack and the Colorado Basin River Forecast Center is reporting the peak occurred on the Yampa River at Deerlodge Park on April 29 with flows at 5,360 cfs.

The next Flaming Gorge Working Group meeting is scheduled for August 22, 2012, at 1:00 p.m. at the Western Park Convention Center, 302 East 200 South, Vernal, Utah. The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stake holders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations and plans presented by Reclamation at these meetings. For more information on this group and these meetings please contact Ed Vidmar at 801-379-1182.

Aspinall Reservoirs – April unregulated inflow into Blue Mesa Reservoir was 57,000 acre-feet or 74 percent of average. On May 10, 2012 the basin snowpack was 14 percent of average. This is indicative of an early melt with very little snowpack left in the mountains. Precipitation during April was only 50 percent of average. The current inflow rate into Blue Mesa Reservoir is about 1200 cfs while reservoir releases are averaging about 1100 cfs. The reservoir elevation is currently at 7483.20 feet, which corresponds to a storage content of about 530,000 acre-feet.

The latest Water Supply Forecast for Water Year 2012 has been issued and the April through July unregulated inflow is forecasted to be at 230,000 acre-feet (34% of average), this is 100,000 acre-feet lower than last month's forecast. This sets the senior Black Canyon Water Right call for a one day spring peak flow of 814 cfs. At this time Reclamation plans to continue to operate the Aspinall Unit to allow the water right to be met. Based on this forecast and the combination of meeting the Black Canyon Water this coming spring, Blue Mesa Reservoir is projected to not fill this runoff season. The projected fill is calculated to be about 7487.0 feet, or about 32 feet below and 270,000 acre-feet short of top of active conservation pool, elevation 7519.40 feet.

Releases from Crystal are currently set at 1400 cfs. The Gunnison Diversion Tunnel is currently diverting about 1,000 cfs, which results in a river flow below the diversion tunnel of approximately 400 cfs. This lower flow is a result of Reclamation trying to conserve reservoir storage for what is forecasted to be a very dry year.

The last meeting of the "Aspinall Unit Working Group" was held on Thursday, April 26, 2012 starting at 1:00 PM in Reclamation's Grand Junction Office. At this meeting, review of this winter's reservoir operations, and plans for this spring and summer operations were discussed. These meetings are open forum discussions on the Aspinall Unit reservoir operations with many interested groups participating. Anyone needing further information about these meetings should contact Dan Crabtree in the Grand Junction Area Office at (970) 248-0652.

Navajo Reservoir – Unregulated inflow into Navajo Reservoir during the month of April was 149,000 acre-feet, or 87 % of average. The reservoir elevation is 6461 feet above sea level and 79% of capacity. Current inflows are approximately 2,000 cfs and reservoir releases are 500 cfs. Diversions for NIIP are currently approximately 650cfs. Basin snowpack peaked on March 9th, approximately four weeks early, at 83% of average. Current snowpack above Navajo Reservoir is 15% of average.

Releases are made for the authorized purposes of the Navajo Unit, and to attempt to maintain a target flows through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell). A 7-day spring peak release of 5,000 cfs is scheduled to begin on or after May 21st, with a ramp up and down over 3 days. At the end of the peak release period, the release is scheduled to return to 500 cfs. The goal of the Navajo spring peak release is to match the timing of the peak of the Animas River in Farmington.

The Colorado Basin River Forecast Center and Natural Resources Conservation Service have issued the May coordinated forecast for inflows to Navajo during the April to July 2012 runoff season. As conditions become drier, the forecast continues to decrease. Unregulated inflows are forecasted to be 345 kaf, or 47% of average. The May forecast decreased by 14% since the April official forecast. Unregulated inflows over the next

three months are forecasted by the River Forecast Center to be: 128 kaf (46%), 58 kaf (26%) and 10 kaf (15%) for May, June and July, respectively.

A public meeting on Navajo Reservoir operations was held on Wednesday, April 24, 2012 in Farmington, New Mexico. At this meeting, a review of this winter's reservoir operations and plans for this spring and summer operations were discussed. The public meetings are open forum discussions on the operation of Navajo Reservoir with many interested groups participating. Anyone interested in the general operation of the reservoir is encouraged to attend. Please contact Ryan Christianson in Reclamation's Durango, Colorado Office at (970) 385-6590 for information about these meetings or the daily operation of Navajo Reservoir.

Glen Canyon Dam / Lake Powell – The monthly unregulated inflow volume to Lake Powell for April was 764 thousand acre-feet (kaf) (72% of average). This was 36 kaf below what was forecasted in early April. The release volume from Glen Canyon Dam in April was 606 kaf which was 6,000 acre-feet above what was scheduled for release during the month. As a result of the difference between the projections made in early April and actual conditions and operations that occurred in April, the elevation of Lake Powell at the end of April was 0.17 feet (about 2 inches) higher than projected. On April 30, 2012 the elevation of Lake Powell was 3635.76 feet above sea level (64.24 feet below full pool).

Snowpack conditions above Lake Powell have been well below average all year and are now nearly melted out. The runoff from the melting snow has been less than impressive and the inflow to Lake Powell so far has peaked at just over 15,000 cfs. It is possible that this peak could be exceeded if temperature conditions warm quickly in the coming weeks. The Water Supply Forecast for Lake Powell (April through July Unregulated Inflow Volume) has been updated for May and the forecasted unregulated inflow volume for the period from April through July for Lake Powell is now 2.36 maf (33% of average). This is the third driest May forecast for Lake Powell since these forecasts began to be issued. Only 1977 and 2002 had lower May forecasts and these years ultimately were the 2 driest water years in the historic record for Lake Powell (1963-2011).

Current Dam Operations

In August 2011, pursuant to the Interim Guidelines, the Operating Tier for Glen Canyon Dam was established to be the Equalization Tier. Under the Equalization Tier when conditions dry out as they have this year, the minimum annual release from Lake Powell can generally be as low as 8.23 maf. However, water year 2011 was a very wet Equalization year and not all of the Equalization release volume for 2011 could be achieved by September 30, 2011. As a result, 1.233 maf of the 2011 Equalization release volume was actually released after the end of water year 2011. This increased the minimum release volume for water year 2012 under Equalization to 9.463 maf. Under the dry hydrologic conditions currently projected for Lake Powell, the water year 2012 release volume is projected to be at this minimum Equalization level of 9.463 maf. As

hydrologic conditions for Lake Powell and Lake Mead change throughout the year, Reclamation will adjust operations of Glen Canyon Dam to release the appropriate annual volume during 2012 to achieve Equalization objectives as practicably as possible by September 30, 2012.

Releases from Glen Canyon Dam are now averaging about 10,050 cfs with fluctuations for power generation throughout the day that peak near 12,500 cfs in the afternoons and with early morning low level releases are about 6,500 cfs and this operation is consistent with the Glen Canyon Operating Criteria (Federal Register, Volume 62, No. 41, March 3, 1997). The release volume for May is scheduled to be 600 kaf. In June, the monthly release volume will likely be about 707 kaf kaf. Release fluctuations in June are projected to be in the range from about 9,000 cfs during the early morning hours to an afternoon peak of about 15,000 cfs.
In addition to daily scheduled fluctuations for power generation, the instantaneous releases from Glen Canyon Dam may also fluctuate to provide 40 MW of system regulation. These instantaneous release adjustments stabilize the electrical generation and transmission system and translate to a range of about 1100 cfs above or below the hourly scheduled release rate. Typically, fluctuations for system regulation are very short lived and balance out over the hour and do not have noticeable impacts on downstream river flow conditions.

Releases from Glen Canyon Dam can also fluctuate beyond scheduled fluctuations for power generation when called upon as a partner that shares reserve requirements within the electrical generator community (i.e. balancing area). There are many generators that supply electricity to the transmission system within the balancing area. At times, a participating generator may experience operating conditions such that it cannot make its scheduled delivery of electricity to the system (i.e. unscheduled outage). To provide system reliability, all participating electricity generators within the balancing area maintain a specified level of generation capacity (i.e. reserves) that can be called upon when an unscheduled outage occurs. Glen Canyon Dam typically maintains 113 MW of reserves for this purpose.

Reserve agreements allow the controllers of the balancing area to call upon Glen Canyon Dam to produce up to an additional 113 MW of electricity beyond what is originally scheduled for a given hour. Reserve calls can be maintained for a maximum of 2 hours after which time the generation rate should be returned to the original schedule. The 113 MW reserve requirement for Glen Canyon Dam translates to approximately 2,800 cfs of flow in the river. When the balancing area controllers call for reserve generation from Glen Canyon Dam, releases from the dam can exceed scheduled levels and have a noticeable impact on the river downstream from Glen Canyon Dam. But these calls for reserves are fairly infrequent and typically are for much less than the required level of 113 MW.

Current Inflow Forecasts and Model Projections

Over the next three months (May, June and July) the forecasted unregulated inflow volume to Lake Powell is projected to be 650 kaf (27% of average), 650 kaf (24% of average) and 300 kaf (27% of average), respectively. These percent of averages are all based on the historic period from 1981 through 2010. Combining this forecast with the April Water Supply Forecast and extending projections to the end of WY2012, the most probable (i.e. 50% likely to be exceeded) unregulated inflow volume for WY2012 is projected to be 5.57 maf (51% of average). Comparing this projected water year unregulated inflow volume to the driest year on record (2002) in which the unregulated inflow volume was only 2.64 maf (24% of average), water year 2012 will likely be very dry, yet not nearly as dry as conditions were in 2002. The currently projected water year unregulated inflow volume of 5.57 maf would rank as the 4th driest year on record since the closure of Glen Canyon Dam (1963) but there is still uncertainty associated with this projection so this ranking could move up or down depending on what happens during the remainder of the water year. Recent analysis indicates that it is reasonably possible for the actual unregulated inflow volume for water year 2012 to be as low as 4.9 maf (45% of average) or as high as 6.5 maf (60% of average) depending on the precipitation patterns over the next several months.

Based on the reasonable range inflow conditions that could occur this year, the annual release volume from Glen Canyon Dam would be 9.463 maf. Under the most probable inflow condition, the annual release volume is projected to be 9.463 maf and the elevation of Lake Powell at the end of WY2012 is projected to be 3625.5 feet above sea level. This elevation corresponds to a live storage volume of 14.35 maf (59 % of full capacity). These projections are based on conditions in the May 24-Months Study

Upper Colorado River Basin Hydrology

Since water year 2005, hydrologic conditions in the Upper Colorado River Basin have been near average with significant variability from year to year. The unregulated inflow to Lake Powell, which is a good measure of the hydrologic condition in the Colorado River Basin, has averaged a water year volume of 10.98 maf (101% of average (period 1981-2010)) during the period from 2005 through 2011. The hydrologic variability during this period has been from a low water year unregulated inflow volume of 8.62 maf (80% of average) in water year 2006 to a high water year unregulated inflow volume of 15.97 maf (147% of average) which occurred in water year 2011.

Overall reservoir storage in the Colorado River Basin has increased by over 8 maf since the beginning of water year 2005 and this is a significant improvement over the drought conditions during water years 2000 through 2004. On October 1, 2004, the beginning of water year 2005, the total reservoir storage in the Colorado River Basin was 29.84 maf (50.2% of capacity). On October 1, 2011, the beginning of water year 2012, the total reservoir storage in the Colorado River Basin was 38.66 maf (64.8% of capacity). As of May 9, 2012 the total reservoir storage in the Colorado River Basin was 37.07 maf (62.2% of capacity).

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-430
125 SOUTH STATE STREET, ROOM 6107
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-3709

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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:	Obs			apr	Forecast			Outlook	
:	jan	feb	mar	apr	%Avg	may	jun	jul	apr-jul %Avg
GLDA3:Lake Powell	356	343	560	764	72%:	650/	650/	300/	2360/: 33%
GBRW4:Fontenelle	32	30	64	98	115%:	115/	215/	110/	540/: 74%
GRNU1:Flaming Gorge	45	47	104	136	102%:	145/	230/	120/	630/: 64%
BMDC2:Blue Mesa	22	21	40	57	74%:	85/	68/	20/	230/: 34%
MPSC2:Morrow Point	23	22	43	64	72%:	91/	71/	19/	245/: 33%
CLSC2:Crystal	27	26	49	71	71%:	100/	75/	19/	260/: 31%
TPIC2:Taylor Park	3.8	3.9	6.1	9.9	113%:	16/	13/	7/	46/: 46%
VCRC2:Vallecito	4.7	4.3	12.3	36	154%:	39/	27/	9/	111/: 57%
NVRN5:Navajo	17.7	18.6	74	149	87%:	128/	58/	10/	345/: 47%
LEMC2:Lemon	0.78	0.71	2.6	12.1	214%:	14/	8/	2.9/	37/: 67%
MPHC2:McPhee	3.0	3.5	22	53	74%:	54/	23/	8/	138/: 47%
RBSC2:Ridgway	4.0	3.5	5.8	9.1	85%:	15/	18/	10/	52/: 51%

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2012 24-Month Study

Most Probable Inflow*

Fontenelle Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	May 2011	161	1	89	79	168	6470.20	120
H	Jun 2011	429	1	87	283	370	6481.96	178
I	Jul 2011	539	2	110	313	424	6498.87	290
S	Aug 2011	118	2	88	1	89	6502.38	317
T	Sep 2011	49	2	66	0	66	6499.90	298
	WY 2011	**1581**	**14**	**801**	**747**	**1549**		
O	Oct 2011	50	1	56	18	74	6496.55	273
R	Nov 2011	46	1	22	49	71	6492.84	247
I	Dec 2011	35	1	74	0	74	6486.86	207
C	Jan 2012	32	1	74	0	74	6479.61	165
A	Feb 2012	30	0	69	0	69	6471.56	126
L	Mar 2012	64	0	67	0	67	6470.82	123
*	Apr 2012	98	1	60	0	60	6478.72	160
	May 2012	115	1	74	0	74	6485.57	199
	Jun 2012	215	2	104	5	109	6500.61	304
	Jul 2012	110	3	81	0	81	6504.00	330
	Aug 2012	57	2	80	0	80	6500.76	305
	Sep 2012	40	2	66	0	66	6497.09	277
	WY 2012	**892**	**15**	**825**	**73**	**898**		
	Oct 2012	49	1	67	0	67	6494.31	258
	Nov 2012	42	1	65	0	65	6490.88	234
	Dec 2012	32	1	67	0	67	6485.31	198
	Jan 2013	30	1	67	0	67	6478.76	160
	Feb 2013	28	0	61	0	61	6471.72	127
	Mar 2013	53	0	67	0	67	6468.15	111
	Apr 2013	85	1	83	0	83	6468.67	114
	May 2013	164	1	98	6	104	6480.96	172
	Jun 2013	299	2	103	65	167	6500.39	302
	Jul 2013	178	3	101	33	134	6505.68	343
	Aug 2013	77	2	88	0	88	6504.00	330
	Sep 2013	46	2	70	0	70	6500.66	304
	WY 2013	**1082**	**15**	**937**	**104**	**1040**		
	Oct 2013	49	1	72	0	72	6497.41	280
	Nov 2013	42	1	69	0	69	6493.50	252
	Dec 2013	32	1	72	0	72	6487.45	211
	Jan 2014	30	1	72	0	72	6480.49	170
	Feb 2014	28	1	65	0	65	6472.94	132
	Mar 2014	53	0	72	0	72	6468.43	113
	Apr 2014	85	1	83	0	83	6468.80	114

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2123

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2012 24-Month Study

Most Probable Inflow*

Flaming Gorge Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	May 2011	327	334	8	279	47	326	127	6024.73	3150	1110
H	Jun 2011	667	608	10	254	173	427	133	6029.11	3315	1570
I	Jul 2011	771	656	14	263	94	357	144	6036.07	3590	905
S	Aug 2011	144	115	13	148	0	148	142	6034.95	3544	246
T	Sep 2011	58	76	11	144	0	144	139	6033.03	3467	200
	WY 2011	**2414**	**2381**	**80**	**1661**	**314**	**1975**				**5234**
O	Oct 2011	74	97	7	120	0	121	138	6032.27	3437	187
R	Nov 2011	64	89	4	88	0	88	138	6032.21	3435	144
I	Dec 2011	38	77	2	108	0	108	137	6031.41	3404	146
C	Jan 2012	45	87	2	148	0	148	134	6029.85	3343	187
A	Feb 2012	47	86	2	140	0	140	132	6028.43	3289	186
L	Mar 2012	104	107	3	162	0	162	130	6026.95	3233	285
*	Apr 2012	136	98	5	122	0	122	129	6026.21	3205	331
	May 2012	145	104	8	98	0	98	129	6026.16	3203	98
	Jun 2012	230	124	10	86	0	86	130	6026.87	3230	86
	Jul 2012	120	91	13	80	0	80	130	6026.82	3228	80
	Aug 2012	63	86	12	80	0	80	130	6026.66	3222	80
	Sep 2012	47	73	11	77	0	77	129	6026.25	3207	77
	WY 2012	**1113**	**1119**	**80**	**1309**	**1**	**1309**				**1888**
	Oct 2012	59	78	7	80	0	80	129	6026.01	3198	80
	Nov 2012	51	74	3	77	0	77	128	6025.84	3192	77
	Dec 2012	35	70	2	80	0	80	128	6025.55	3181	80
	Jan 2013	40	77	2	80	0	80	128	6025.44	3176	80
	Feb 2013	45	78	2	83	0	83	127	6025.24	3169	83
	Mar 2013	102	117	3	92	0	92	128	6025.80	3190	92
	Apr 2013	134	131	5	89	0	89	130	6026.75	3225	89
	May 2013	245	185	8	129	0	129	132	6027.99	3272	129
	Jun 2013	390	258	10	230	0	230	132	6028.44	3289	230
	Jul 2013	210	166	14	103	0	103	134	6029.68	3337	103
	Aug 2013	89	100	13	103	0	103	134	6029.28	3321	103
	Sep 2013	55	79	11	100	0	100	132	6028.48	3291	100
	WY 2013	**1455**	**1413**	**80**	**1246**	**0**	**1246**				**1246**
	Oct 2013	59	82	7	103	0	103	131	6027.77	3264	103
	Nov 2013	51	78	3	100	0	100	130	6027.14	3240	100
	Dec 2013	35	74	2	103	0	103	129	6026.36	3211	103
	Jan 2014	40	82	2	103	0	103	128	6025.77	3189	103
	Feb 2014	45	82	2	93	0	93	128	6025.42	3176	93
	Mar 2014	102	121	3	103	0	103	128	6025.81	3190	103
	Apr 2014	134	131	5	100	0	100	129	6026.51	3216	100

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2012 24-Month Study

Most Probable Inflow*

Taylor Park Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	May 2011	22	33	9304.21	61
H	Jun 2011	65	28	9326.09	98
I	Jul 2011	37	39	9325.07	96
S	Aug 2011	12	24	9318.44	84
T	Sep 2011	7	20	9310.68	71
	WY 2011	**179**	**181**		
O	Oct 2011	7	9	9309.52	69
R	Nov 2011	5	6	9309.15	69
I	Dec 2011	4	6	9307.93	67
C	Jan 2012	4	5	9307.37	66
A	Feb 2012	4	4	9307.22	66
L	Mar 2012	6	4	9308.28	67
*	Apr 2012	10	4	9311.81	73
	May 2012	16	9	9315.98	80
	Jun 2012	13	13	9315.98	80
	Jul 2012	7	16	9310.57	71
	Aug 2012	6	18	9302.51	59
	Sep 2012	6	12	9297.94	52
	WY 2012	**88**	**107**		
	Oct 2012	7	6	9298.44	53
	Nov 2012	5	5	9298.90	54
	Dec 2012	5	5	9299.03	54
	Jan 2013	4	5	9298.92	54
	Feb 2013	4	5	9298.39	53
	Mar 2013	4	5	9298.35	53
	Apr 2013	9	5	9301.49	57
	May 2013	28	10	9313.43	75
	Jun 2013	42	18	9326.49	99
	Jul 2013	20	20	9326.56	99
	Aug 2013	10	20	9321.47	90
	Sep 2013	7	16	9316.67	81
	WY 2013	**146**	**117**		
	Oct 2013	7	12	9313.54	76
	Nov 2013	5	6	9313.01	75
	Dec 2013	5	6	9312.21	73
	Jan 2014	4	6	9311.19	72
	Feb 2014	4	6	9309.82	70
	Mar 2014	4	6	9308.83	68
	Apr 2014	9	6	9310.57	71

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2012 24-Month Study

Most Probable Inflow*

Blue Mesa Reservoir

	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	May 2011	168	179	1	162	0	162	7478.26	493
H	Jun 2011	425	389	1	127	19	146	7508.73	735
I	Jul 2011	222	222	2	150	0	150	7516.80	806
S	Aug 2011	67	79	1	123	0	123	7511.67	760
T	Sep 2011	35	48	1	108	0	108	7504.54	699
	WY 2011	**1162**	**1163**	**8**	**1046**	**19**	**1065**		
O	Oct 2011	36	38	1	93	0	93	7497.84	644
R	Nov 2011	29	29	0	37	0	37	7496.82	635
I	Dec 2011	24	26	0	87	0	87	7489.07	574
C	Jan 2012	22	23	0	52	0	52	7485.29	545
A	Feb 2012	21	22	0	34	0	34	7483.66	533
L	Mar 2012	40	39	0	32	0	32	7484.49	539
*	Apr 2012	57	51	1	58	0	58	7483.54	532
	May 2012	85	78	1	62	0	62	7485.54	547
	Jun 2012	68	68	1	77	0	77	7484.17	537
	Jul 2012	20	29	1	109	0	109	7472.90	456
	Aug 2012	28	41	1	102	0	102	7463.52	393
	Sep 2012	28	34	1	79	0	79	7456.04	347
	WY 2012	**459**	**478**	**8**	**822**	**0**	**822**		
	Oct 2012	38	38	0	49	0	49	7454.03	336
	Nov 2012	31	31	0	17	0	17	7456.30	349
	Dec 2012	26	25	0	18	0	18	7457.52	356
	Jan 2013	24	24	0	18	0	18	7458.57	362
	Feb 2013	22	23	0	16	0	16	7459.78	370
	Mar 2013	36	36	0	20	0	20	7462.39	386
	Apr 2013	77	73	1	30	0	30	7468.89	428
	May 2013	221	203	1	118	0	118	7480.85	512
	Jun 2013	261	237	1	36	0	36	7506.09	712
	Jul 2013	117	117	2	87	0	87	7509.37	740
	Aug 2013	63	73	1	103	0	103	7505.82	710
	Sep 2013	38	47	1	94	0	94	7500.03	662
	WY 2013	**955**	**927**	**8**	**605**	**0**	**605**		
	Oct 2013	38	44	1	71	0	71	7496.67	634
	Nov 2013	31	32	0	41	0	41	7495.52	625
	Dec 2013	26	27	0	70	0	70	7490.00	581
	Jan 2014	24	26	0	67	0	67	7484.61	540
	Feb 2014	22	25	0	55	0	55	7480.48	509
	Mar 2014	36	38	0	44	0	44	7479.54	503
	Apr 2014	77	74	1	54	0	54	7482.22	522

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2012 24-Month Study

Most Probable Inflow*

Morrow Point Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	May 2011	191	162	23	185	181	0	181	7156.18	114
H	Jun 2011	455	146	30	176	170	0	176	7155.72	114
I	Jul 2011	231	150	9	159	159	0	159	7155.22	113
S	Aug 2011	68	123	1	125	124	0	124	7155.77	114
T	Sep 2011	36	108	1	109	115	0	115	7148.00	108
	WY 2011	**1236**	**1065**	**74**	**1139**	**1133**	**0**	**1139**		
O	Oct 2011	37	93	1	94	91	0	91	7151.08	110
R	Nov 2011	30	37	2	39	38	0	38	7151.73	110
I	Dec 2011	25	87	0	88	85	0	85	7154.97	113
C	Jan 2012	23	52	1	53	52	0	52	7155.61	113
A	Feb 2012	22	34	1	35	35	0	35	7155.27	113
L	Mar 2012	43	32	2	35	34	0	34	7156.25	114
*	Apr 2012	63	58	6	64	63	0	63	7157.05	115
	May 2012	91	62	6	68	71	0	71	7153.73	112
	Jun 2012	71	77	3	80	80	0	80	7153.73	112
	Jul 2012	19	109	-1	108	108	0	108	7153.73	112
	Aug 2012	29	102	1	103	103	0	103	7153.73	112
	Sep 2012	29	79	2	81	81	0	81	7153.73	112
	WY 2012	**483**	**822**	**24**	**846**	**841**	**0**	**841**		
	Oct 2012	41	49	3	52	52	0	52	7153.73	112
	Nov 2012	33	17	2	19	19	0	19	7153.73	112
	Dec 2012	28	18	2	20	20	0	20	7153.73	112
	Jan 2013	27	18	2	20	20	0	20	7153.73	112
	Feb 2013	25	16	3	18	18	0	18	7153.73	112
	Mar 2013	40	20	4	24	24	0	24	7153.73	112
	Apr 2013	88	30	11	41	41	0	41	7153.73	112
	May 2013	247	118	26	144	144	0	144	7153.73	112
	Jun 2013	281	36	20	56	56	0	56	7153.73	112
	Jul 2013	123	87	6	93	93	0	93	7153.73	112
	Aug 2013	67	103	3	106	106	0	106	7153.73	112
	Sep 2013	41	94	3	97	97	0	97	7153.73	112
	WY 2013	**1040**	**605**	**85**	**690**	**690**	**0**	**690**		
	Oct 2013	41	71	3	73	73	0	73	7153.73	112
	Nov 2013	33	41	2	43	43	0	43	7153.73	112
	Dec 2013	28	70	2	73	73	0	73	7153.73	112
	Jan 2014	27	67	2	69	69	0	69	7153.73	112
	Feb 2014	25	55	3	58	58	0	58	7153.73	112
	Mar 2014	40	44	4	48	48	0	48	7153.73	112
	Apr 2014	88	54	11	65	65	0	65	7153.73	112

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2012 24-Month Study

Most Probable Inflow*

Crystal Reservoir

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
*	May 2011	204	181	13	195	126	68	194	6753.39	17	63	137
H	Jun 2011	516	176	61	237	120	81	237	6752.90	17	62	183
I	Jul 2011	255	159	23	182	128	58	186	6739.47	13	62	136
S	Aug 2011	75	124	7	131	126	2	129	6748.39	16	66	70
T	Sep 2011	39	115	4	119	120	0	120	6744.21	14	64	62
	WY 2011	**1375**	**1139**	**139**	**1278**	**1008**	**235**	**1279**			**413**	**912**
O	Oct 2011	41	91	4	96	94	0	94	6749.65	16	53	44
R	Nov 2011	34	38	4	42	41	1	41	6751.53	17	1	41
I	Dec 2011	28	85	3	88	89	0	89	6750.95	16	1	90
C	Jan 2012	27	52	3	56	53	3	56	6751.28	16	1	57
A	Feb 2012	26	35	3	38	15	23	38	6751.90	17	1	
L	Mar 2012	49	34	6	40	40	0	40	6751.80	17	6	
*	Apr 2012	71	63	8	71	71	0	71	6752.10	17	50	
	May 2012	100	71	9	80	79	0	79	6753.04	17	55	24
	Jun 2012	75	80	4	84	84	0	84	6753.04	17	60	24
	Jul 2012	19	108	0	108	108	0	108	6753.04	17	65	43
	Aug 2012	32	103	3	106	106	0	106	6753.04	17	65	41
	Sep 2012	33	81	4	85	85	0	85	6753.04	17	55	30
	WY 2012	**535**	**841**	**52**	**893**	**864**	**26**	**890**			**411**	**394**
	Oct 2012	47	52	6	58	58	0	58	6753.04	17	30	28
	Nov 2012	38	19	5	24	24	0	24	6753.04	17	0	24
	Dec 2012	32	20	5	25	25	0	25	6753.04	17	0	25
	Jan 2013	31	20	5	25	25	0	25	6753.04	17	0	25
	Feb 2013	29	18	4	22	22	0	22	6753.04	17	0	22
	Mar 2013	46	24	6	30	30	0	30	6753.04	17	5	25
	Apr 2013	101	41	12	54	54	0	54	6753.04	17	30	24
	May 2013	281	144	34	178	134	44	178	6753.04	17	55	123
	Jun 2013	315	56	34	90	90	0	90	6753.04	17	60	30
	Jul 2013	138	93	14	108	108	0	108	6753.04	17	65	43
	Aug 2013	75	106	8	114	114	0	114	6753.04	17	65	49
	Sep 2013	47	97	6	103	103	0	103	6753.04	17	55	48
	WY 2013	**1180**	**690**	**140**	**829**	**785**	**44**	**829**			**365**	**464**
	Oct 2013	47	73	6	79	79	0	79	6753.04	17	30	49
	Nov 2013	38	43	5	48	48	0	48	6753.04	17	0	48
	Dec 2013	32	73	5	77	77	0	77	6753.04	17	0	77
	Jan 2014	31	69	5	74	74	0	74	6753.04	17	0	74
	Feb 2014	29	58	4	61	61	0	61	6753.04	17	0	61
	Mar 2014	46	48	6	54	54	0	54	6753.04	17	5	49
	Apr 2014	101	65	12	78	78	0	78	6753.04	17	30	48

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2012 24-Month Study

Most Probable Inflow*

Vallecito Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	May 2011	44	27	7659.70	111
H	Jun 2011	79	64	7664.94	125
I	Jul 2011	23	39	7658.78	109
S	Aug 2011	9	37	7647.29	81
T	Sep 2011	8	29	7637.58	59
	WY 2011	**225**	**222**		
O	Oct 2011	15	9	7640.42	65
R	Nov 2011	9	2	7643.33	72
I	Dec 2011	5	2	7644.76	75
C	Jan 2012	5	3	7645.42	76
A	Feb 2012	4	4	7645.50	76
L	Mar 2012	12	4	7648.84	84
*	Apr 2012	36	3	7661.80	117
	May 2012	39	31	7664.45	124
	Jun 2012	27	43	7658.28	108
	Jul 2012	9	42	7644.68	75
	Aug 2012	11	38	7631.27	47
	Sep 2012	13	30	7621.11	31
	WY 2012	**185**	**210**		
	Oct 2012	16	17	7619.88	29
	Nov 2012	9	1	7624.86	36
	Dec 2012	6	2	7627.79	41
	Jan 2013	5	2	7629.98	45
	Feb 2013	5	1	7631.80	48
	Mar 2013	9	2	7635.43	55
	Apr 2013	23	1	7645.52	76
	May 2013	71	31	7661.50	116
	Jun 2013	70	60	7664.97	125
	Jul 2013	29	42	7660.04	112
	Aug 2013	20	38	7652.77	94
	Sep 2013	17	30	7647.57	81
	WY 2013	**281**	**227**		
	Oct 2013	16	20	7645.60	77
	Nov 2013	9	8	7645.77	77
	Dec 2013	6	6	7645.76	77
	Jan 2014	5	5	7645.73	77
	Feb 2014	5	5	7645.77	77
	Mar 2014	9	3	7648.06	82
	Apr 2014	23	3	7656.23	102

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2012 24-Month Study

Most Probable Inflow*

Navajo Reservoir

	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azetea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Farmington Flow (1000 Ac-Ft)
*	May 2011	172	22	134	4	28	32	6066.13	1428	79
H	Jun 2011	252	43	193	4	42	113	6068.65	1462	295
I	Jul 2011	40	8	46	5	48	31	6065.88	1424	98
S	Aug 2011	3	2	29	4	47	46	6060.64	1356	47
T	Sep 2011	15	2	35	3	20	40	6058.35	1327	
	WY 2011	**737**	**93**	**641**	**28**	**220**	**478**			**838**
O	Oct 2011	54	4	44	2	10	33	6058.32	1327	55
R	Nov 2011	31	1	23	1	0	21	6058.38	1327	47
I	Dec 2011	19	0	16	1	1	31	6057.10	1311	56
C	Jan 2012	18	0	16	1	1	30	6055.85	1296	48
A	Feb 2012	19	0	18	1	1	28	6054.95	1285	
L	Mar 2012	74	7	61	2	6	31	6056.81	1308	
*	Apr 2012	149	18	98	2	27	30	6059.88	1346	96
	May 2012	128	35	85	3	31	111	6055.11	1287	111
	Jun 2012	58	26	48	4	43	30	6052.74	1258	30
	Jul 2012	10	4	38	4	48	54	6047.01	1191	54
	Aug 2012	20	1	46	3	41	61	6041.72	1132	61
	Sep 2012	31	0	47	2	23	46	6039.47	1107	46
	WY 2012	**610**	**96**	**541**	**26**	**230**	**505**			**604**
	Oct 2012	47	1	48	1	6	28	6040.62	1120	28
	Nov 2012	34	0	26	1	0	21	6041.02	1124	21
	Dec 2012	25	0	20	1	0	30	6040.09	1114	30
	Jan 2013	22	0	18	1	0	31	6038.86	1101	31
	Feb 2013	30	0	27	1	0	27	6038.74	1099	27
	Mar 2013	92	3	83	1	2	22	6044.03	1157	22
	Apr 2013	170	15	134	2	18	21	6052.09	1250	21
	May 2013	277	37	200	3	32	30	6062.80	1384	30
	Jun 2013	224	31	182	4	48	95	6065.45	1419	95
	Jul 2013	66	6	73	5	53	25	6064.67	1408	25
	Aug 2013	45	2	61	4	45	33	6063.07	1387	33
	Sep 2013	43	0	55	3	26	31	6062.77	1383	31
	WY 2013	**1075**	**95**	**927**	**27**	**229**	**394**			**394**
	Oct 2013	47	1	50	2	7	31	6063.59	1394	31
	Nov 2013	34	1	32	1	0	30	6063.71	1396	30
	Dec 2013	25	0	25	1	0	31	6063.21	1389	31
	Jan 2014	22	0	22	1	0	31	6062.49	1380	31
	Feb 2014	30	0	30	1	0	28	6062.60	1381	28
	Mar 2014	92	3	84	2	2	49	6065.03	1413	49
	Apr 2014	170	15	135	3	18	60	6069.16	1469	60

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2012 24-Month Study

Most Probable Inflow*

Lake Powell

	Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry (1000 Ac-Ft)
*	May 2011	2440	2467	30	1171	0	1171	3623.13	5182	14098	1191
H	Jun 2011	5203	4661	54	1377	0	1377	3648.98	5421	17089	1391
I	Jul 2011	3767	3195	74	1483	0	1483	3660.86	5542	18605	1502
S	Aug 2011	664	780	74	1479	0	1479	3655.34	5485	17890	1501
T	Sep 2011	456	669	67	922	0	922	3653.01	5461	17593	957
	WY 2011	**15971**	**15498**	**467**	**12518**	**0**	**12518**				**12731**
O	Oct 2011	513	630	45	956	0	956	3650.27	5434	17249	979
R	Nov 2011	506	530	43	1099	0	1099	3645.67	5388	16683	1104
I	Dec 2011	363	490	33	1223	0	1223	3639.75	5332	15974	1226
C	Jan 2012	356	503	10	852	0	852	3636.91	5305	15641	846
A	Feb 2012	342	460	11	653	0	653	3635.28	5290	15453	654
L	Mar 2012	560	625	19	600	0	600	3635.33	5290	15458	607
*	Apr 2012	764	689	29	606	0	606	3635.76	5294	15508	612
	May 2012	650	631	35	600	0	600	3635.73	5294	15505	600
	Jun 2012	650	555	53	708	0	708	3634.07	5279	15314	708
	Jul 2012	300	445	63	890	0	890	3629.92	5241	14844	890
	Aug 2012	258	432	61	800	0	800	3626.34	5209	14447	800
	Sep 2012	310	429	55	476	0	476	3625.47	5202	14352	476
	WY 2012	**5572**	**6420**	**457**	**9463**	**0**	**9463**				**9502**
	Oct 2012	512	531	38	491	0	491	3625.49	5202	14354	491
	Nov 2012	473	473	37	600	0	600	3624.10	5190	14202	600
	Dec 2012	363	405	29	800	0	800	3620.44	5158	13809	800
	Jan 2013	361	403	9	800	0	800	3616.87	5128	13434	800
	Feb 2013	393	422	9	600	0	600	3615.20	5115	13260	600
	Mar 2013	665	572	16	600	0	600	3614.81	5111	13220	600
	Apr 2013	1056	847	26	600	0	600	3616.78	5128	13425	600
	May 2013	2343	1947	32	600	0	600	3628.11	5225	14642	600
	Jun 2013	2666	2232	53	825	0	825	3639.09	5325	15896	825
	Jul 2013	1091	972	66	890	0	890	3639.22	5327	15912	890
	Aug 2013	500	589	65	824	0	824	3636.84	5304	15633	824
	Sep 2013	408	522	59	600	0	600	3635.75	5294	15506	600
	WY 2013	**10831**	**9915**	**438**	**8230**	**0**	**8230**				**8230**
	Oct 2013	512	580	41	600	0	600	3635.26	5290	15450	600
	Nov 2013	473	528	39	600	0	600	3634.36	5281	15347	600
	Dec 2013	363	481	31	800	0	800	3631.52	5256	15023	800
	Jan 2014	361	475	10	800	0	800	3628.75	5231	14714	800
	Feb 2014	393	472	10	800	0	800	3625.91	5206	14400	800
	Mar 2014	665	635	17	600	0	600	3626.06	5207	14416	600
	Apr 2014	1056	920	28	800	0	800	3626.84	5214	14502	800

* Based on the Colorado River Basin Forecast Center'sMost Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2012 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Glen Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	May 2011	1171	104	47	1001	16.3	25	997	735	1097.90	11304
H	Jun 2011	1377	72	57	939	15.8	25	938	761	1102.38	11705
I	Jul 2011	1483	74	73	1001	16.3	26	1000	789	1107.07	12133
S	Aug 2011	1479	96	80	831	13.5	28	829	827	1113.45	12730
T	Sep 2011	922	96	67	670	11.3	18	668	844	1116.04	12977
	WY 2011	**12518**	**1157**	**578**	**9799**		**225**	**9676**			
O	Oct 2011	956	66	49	443	7.2	20	436	875	1121.00	13456
R	Nov 2011	1099	36	50	564	9.5	13	561	906	1125.82	13933
I	Dec 2011	1223	84	45	497	8.1	9	482	952	1132.83	14644
C	Jan 2012	852	55	37	713	11.6	9	712	976	1134.18	15022
A	Feb 2012	653	44	34	775	13.5	10	775	969	1133.06	14907
L	Mar 2012	600	43	38	986	16.0	16	985	945	1129.41	14535
*	Apr 2012	606	46	46	1170	19.7	20	1163	909	1123.93	13986
	May 2012	600	64	52	1002	16.3	28	1002	884	1119.93	13594
	Jun 2012	708	33	62	964	16.2	25	964	865	1116.91	13303
	Jul 2012	890	54	77	843	13.7	29	843	864	1116.87	13299
	Aug 2012	800	103	82	806	13.1	30	806	864	1116.73	13285
	Sep 2012	476	74	67	714	12.0	20	714	848	1114.27	13050
	WY 2012	**9463**	**703**	**639**	**9477**		**228**	**9443**			
	Oct 2012	491	49	49	430	7.0	22	430	851	1114.66	13087
	Nov 2012	600	46	49	551	9.3	20	551	852	1114.92	13112
	Dec 2012	800	108	42	507	8.2	17	507	873	1118.26	13433
	Jan 2013	800	78	35	698	11.4	16	698	881	1119.51	13554
	Feb 2013	600	98	32	707	12.7	15	707	878	1118.96	13501
	Mar 2013	600	78	36	1051	17.1	21	1051	851	1114.77	13097
	Apr 2013	600	76	43	1132	19.0	17	1132	820	1109.62	12612
	May 2013	600	64	49	1015	16.5	27	1015	794	1105.27	12211
	Jun 2013	825	33	58	950	16.0	23	950	783	1103.49	12049
	Jul 2013	890	54	72	939	15.3	25	939	778	1102.52	11962
	Aug 2013	824	103	77	847	13.8	27	847	776	1102.27	11939
	Sep 2013	600	74	63	659	11.1	19	659	772	1101.58	11876
	WY 2013	**8230**	**861**	**604**	**9487**		**249**	**9487**			
	Oct 2013	600	49	46	448	7.3	23	448	780	1102.96	12001
	Nov 2013	600	46	46	537	9.0	22	537	782	1103.37	12038
	Dec 2013	800	108	40	472	7.7	17	472	806	1107.26	12393
	Jan 2014	800	78	33	698	11.4	20	698	813	1108.55	12512
	Feb 2014	800	98	31	707	12.7	18	707	810	1107.96	12458
	Mar 2014	600	78	34	1051	17.1	24	1051	783	1103.53	12053
	Apr 2014	800	76	41	1132	19.0	20	1132	752	1098.10	11566

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2012 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	May 2011	1001	-10	22	949	0	949	15.4	644.04	1727
H	Jun 2011	939	-9	25	954	0	954	16.0	642.27	1679
I	Jul 2011	1001	-10	25	943	0	943	15.3	643.11	1702
S	Aug 2011	831	-6	23	822	0	822	13.4	642.38	1682
T	Sep 2011	670	-6	18	717	0	717	12.1	639.73	1610
	WY 2011	**9799**	**-120**	**198**	**9446**	**0**	**9446**			
O	Oct 2011	443	7	15	611	0	611	9.9	633.03	1435
R	Nov 2011	564	-11	10	466	0	466	7.8	635.99	1511
I	Dec 2011	497	-28	9	385	0	385	6.3	638.82	1586
C	Jan 2012	713	-23	10	638	0	638	10.4	640.38	1628
A	Feb 2012	775	-18	10	726	0	726	12.6	641.20	1650
L	Mar 2012	986	-23	13	931	0	931	15.1	641.93	1670
*	Apr 2012	1170	-24	17	1091	0	1091	18.3	643.35	1708
	May 2012	1002	-14	22	975	0	975	15.9	643.00	1699
	Jun 2012	964	-10	25	928	0	928	15.6	643.00	1699
	Jul 2012	843	-4	25	854	0	854	13.9	641.50	1658
	Aug 2012	806	-7	23	776	0	776	12.6	641.50	1658
	Sep 2012	714	0	18	789	0	789	13.3	638.00	1564
	WY 2012	**9477**	**-157**	**197**	**9169**	**0**	**9169**			
	Oct 2012	430	0	14	609	0	609	9.9	630.49	1371
	Nov 2012	551	-15	10	411	0	411	6.9	635.00	1486
	Dec 2012	507	-19	9	381	0	381	6.2	638.71	1583
	Jan 2013	698	-13	10	592	0	592	9.6	641.80	1666
	Feb 2013	707	-6	10	691	0	691	12.5	641.80	1666
	Mar 2013	1051	-14	13	989	0	989	16.1	643.05	1700
	Apr 2013	1132	-14	17	1104	0	1104	18.5	643.00	1699
	May 2013	1015	-14	22	978	0	978	15.9	643.00	1699
	Jun 2013	950	-10	25	941	0	941	15.8	642.00	1671
	Jul 2013	939	-4	25	923	0	923	15.0	641.50	1658
	Aug 2013	847	-7	23	817	0	817	13.3	641.50	1658
	Sep 2013	659	0	18	734	0	734	12.3	638.00	1564
	WY 2013	**9487**	**-118**	**196**	**9172**	**0**	**9172**			
	Oct 2013	448	0	15	564	0	564	9.2	633.00	1434
	Nov 2013	537	-15	10	461	0	461	7.7	635.00	1486
	Dec 2013	472	-19	9	347	0	347	5.6	638.71	1583
	Jan 2014	698	-13	10	592	0	592	9.6	641.80	1666
	Feb 2014	707	-6	10	691	0	691	12.5	641.80	1666
	Mar 2014	1051	-14	13	989	0	989	16.1	643.05	1700
	Apr 2014	1132	-14	17	1104	0	1104	18.5	643.00	1699

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2012 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	May 2011	949	17	13	691	11.2	83	166	448.68	593	115	1.9
H	Jun 2011	954	14	15	708	11.9	96	155	447.73	575	120	2.0
I	Jul 2011	943	34	17	762	12.4	100	77	448.22	584	127	2.1
S	Aug 2011	822	25	17	669	10.9	91	60	448.13	583	97	1.6
T	Sep 2011	717	30	15	538	9.0	83	102	448.28	585	91	1.5
	WY 2011	**9446**	**263**	**140**	**6837**		**963**	**1657**			**1634**	
O	Oct 2011	611	31	12	472	7.7	8	149	447.97	579	62	1.0
R	Nov 2011	466	37	9	321	5.4	7	175	447.32	567	93	1.6
I	Dec 2011	385	27	6	267	4.3	15	151	445.69	537	108	1.7
C	Jan 2012	638	12	6	382	6.2	54	187	446.61	554	131	2.1
A	Feb 2012	726	11	8	497	8.6	49	169	447.10	563	159	2.8
L	Mar 2012	931	9	9	711	11.6	21	187	447.23	565	188	3.0
*	Apr 2012	1091	25	11	785	13.2	97	180	449.13	602	183	3.1
	May 2012	975	18	13	701	11.4	99	180	448.50	589	112	1.8
	Jun 2012	928	15	15	688	11.6	96	130	448.50	589	114	1.9
	Jul 2012	854	21	17	728	11.8	99	26	448.00	580	115	1.9
	Aug 2012	776	22	17	647	10.5	84	47	447.50	571	105	1.7
	Sep 2012	789	20	15	567	9.5	81	150	446.81	557	102	1.7
	WY 2012	**9169**	**249**	**139**	**6765**		**710**	**1730**			**1471**	
	Oct 2012	609	23	12	454	7.4	10	157	446.31	548	64	1.0
	Nov 2012	411	32	8	382	6.4	6	36	446.50	552	102	1.7
	Dec 2012	381	26	6	278	4.5	7	112	446.50	552	106	1.7
	Jan 2013	592	15	6	358	5.8	98	141	446.50	552	122	2.0
	Feb 2013	691	7	8	462	8.3	88	135	446.50	552	153	2.8
	Mar 2013	989	18	9	711	11.6	98	178	446.70	555	208	3.4
	Apr 2013	1104	19	11	798	13.4	94	172	448.70	593	200	3.4
	May 2013	978	18	13	695	11.3	98	178	448.70	593	111	1.8
	Jun 2013	941	15	16	677	11.4	95	155	448.70	593	112	1.9
	Jul 2013	923	21	17	731	11.9	98	98	448.00	580	118	1.9
	Aug 2013	817	22	17	624	10.2	98	97	447.50	571	92	1.5
	Sep 2013	734	20	15	527	8.9	68	147	446.81	557	89	1.5
	WY 2013	**9172**	**237**	**139**	**6698**		**859**	**1609**			**1477**	
	Oct 2013	564	23	12	445	7.2	21	110	446.31	548	72	1.2
	Nov 2013	461	32	8	376	6.3	21	77	446.50	552	105	1.8
	Dec 2013	347	26	6	284	4.6	22	56	446.50	552	118	1.9
	Jan 2014	592	15	6	358	5.8	98	141	446.50	552	122	2.0
	Feb 2014	691	7	8	462	8.3	88	135	446.50	552	153	2.8
	Mar 2014	989	18	9	711	11.6	98	178	446.70	555	208	3.4
	Apr 2014	1104	19	11	798	13.4	94	172	448.70	593	200	3.4

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2123

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2012 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	May 2011	1001	16.3	1097.90	11304	189	452.71	1468.0	394.5	88	393.9
H	Jun 2011	939	15.8	1102.38	11705	401	457.87	1661.0	372.1	100	396.2
I	Jul 2011	1001	16.3	1107.07	12133	429	462.21	1698.0	403.2	100	402.6
S	Aug 2011	831	13.5	1113.45	12730	597	469.04	1721.0	338.8	100	407.7
T	Sep 2011	670	11.3	1116.04	12977	247	473.88	1757.0	272.0	100	406.1
	WY 2011	**9799**							**3848.4**		
O	Oct 2011	443	7.2	1121.00	13456	479	478.70	1311.0	178.9	74	403.5
R	Nov 2011	564	9.5	1125.82	13933	477	481.61	1110.0	233.8	61	414.3
I	Dec 2011	497	8.1	1132.83	14644	711	488.04	1374.0	207.2	75	417.3
C	Jan 2012	713	11.6	1134.18	15022	139	485.97	1146.0	308.0	61	432.1
A	Feb 2012	775	13.5	1133.06	14907	-115	484.32	1282.0	338.6	68	436.7
L	Mar 2012	986	16.0	1129.41	14535	-372	481.45	1047.0	427.4	56	433.4
*	Apr 2012	1170	19.7	1123.93	13986	-548	475.07	1164.0	505.3	62	432.0
	May 2012	1002	16.3	1119.93	13594	-392	472.83	1050.0	438.2	56	437.5
	Jun 2012	964	16.2	1116.91	13303	-291	464.65	1788.0	396.6	100	411.4
	Jul 2012	843	13.7	1116.87	13299	-4	463.62	1786.0	352.5	100	418.3
	Aug 2012	806	13.1	1116.73	13285	-14	464.02	1786.0	335.7	100	416.4
	Sep 2012	714	12.0	1114.27	13050	-235	463.87	1771.0	294.0	100	411.5
	WY 2012	**9477**							**4016.3**		
	Oct 2012	430	7.0	1114.66	13087	38	467.37	1386.0	174.0	78	404.9
	Nov 2012	551	9.3	1114.92	13112	24	470.18	1383.0	226.4	78	410.7
	Dec 2012	507	8.2	1118.26	13433	321	469.28	1399.0	210.8	78	415.9
	Jan 2013	698	11.4	1119.51	13554	121	469.33	1407.0	290.6	78	416.2
	Feb 2013	707	12.7	1118.96	13501	-53	468.61	1415.0	298.7	79	422.3
	Mar 2013	1051	17.1	1114.77	13097	-404	465.84	1395.0	443.9	79	422.4
	Apr 2013	1132	19.0	1109.62	12612	-485	460.61	1403.0	480.2	80	424.0
	May 2013	1015	16.5	1105.27	12211	-401	453.75	1723.0	409.9	100	403.9
	Jun 2013	950	16.0	1103.49	12049	-162	451.03	1713.0	386.8	100	407.3
	Jul 2013	939	15.3	1102.52	11962	-87	450.16	1708.0	379.8	100	404.2
	Aug 2013	847	13.8	1102.27	11939	-23	449.71	1707.0	345.2	100	407.4
	Sep 2013	659	11.1	1101.58	11876	-62	450.39	1702.0	261.3	100	396.7
	WY 2013	**9487**							**3907.7**		
	Oct 2013	448	7.3	1102.96	12001	124	455.25	1327.6	179.0	78	399.4
	Nov 2013	537	9.0	1103.37	12038	38	457.78	1327.6	215.1	78	400.3
	Dec 2013	472	7.7	1107.26	12393	355	458.05	1327.6	191.0	78	404.3
	Jan 2014	698	11.4	1108.55	12512	119	458.40	1327.6	284.9	78	408.0
	Feb 2014	707	12.7	1107.96	12458	-55	457.63	1344.6	292.6	79	413.6
	Mar 2014	1051	17.1	1103.53	12053	-405	454.72	1344.6	434.1	79	413.0
	Apr 2014	1132	19.0	1098.10	11566	-487	449.32	1361.6	469.3	80	414.4

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2012 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	May 2011	949	15.4	644.04	1727	20	142.61	255.0	120.3	100	126.8
H	Jun 2011	954	16.0	642.27	1679	-48	140.41	249.9	120.6	98	126.4
I	Jul 2011	943	15.3	643.11	1702	23	143.18	255.0	119.3	100	126.5
S	Aug 2011	822	13.4	642.38	1682	-20	140.95	255.0	103.5	100	125.9
T	Sep 2011	717	12.1	639.73	1610	-72	137.99	255.0	90.2	100	125.8
	WY 2011	**9446**							**1182.3**		
O	Oct 2011	611	9.9	633.03	1435	-175	133.41	181.1	74.4	71	121.8
R	Nov 2011	466	7.8	635.99	1511	76	134.28	170.9	57.0	67	122.2
I	Dec 2011	385	6.3	638.82	1586	74	135.59	173.4	48.1	68	124.9
C	Jan 2012	638	10.4	640.38	1628	42	138.75	170.9	77.2	67	121.0
A	Feb 2012	726	12.6	641.20	1650	22	140.80	163.2	90.8	64	125.1
L	Mar 2012	931	15.1	641.93	1670	20	140.23	204.0	117.4	80	126.2
*	Apr 2012	1091	18.3	643.35	1708	39	142.08	249.9	147.4	98	135.2
	May 2012	975	15.9	643.00	1699	-10	136.22	255.0	122.0	100	125.2
	Jun 2012	928	15.6	643.00	1699	0	136.04	255.0	116.1	100	125.1
	Jul 2012	854	13.9	641.50	1658	-41	135.25	255.0	106.7	100	125.0
	Aug 2012	776	12.6	641.50	1658	0	134.46	255.0	96.8	100	124.7
	Sep 2012	789	13.3	638.00	1564	-94	132.62	255.0	97.0	100	122.9
	WY 2012	**9169**							**1150.9**		
	Oct 2012	609	9.9	630.49	1371	-193	128.32	204.0	72.5	80	119.1
	Nov 2012	411	6.9	635.00	1486	115	127.85	170.9	48.9	67	119.0
	Dec 2012	381	6.2	638.71	1583	97	131.72	183.6	46.9	72	123.0
	Jan 2013	592	9.6	641.80	1666	83	135.61	173.4	73.8	68	124.6
	Feb 2013	691	12.5	641.80	1666	0	136.23	204.0	86.5	80	125.0
	Mar 2013	989	16.1	643.05	1700	34	135.78	242.3	123.1	95	124.4
	Apr 2013	1104	18.5	643.00	1699	-2	136.07	255.0	137.1	100	124.3
	May 2013	978	15.9	643.00	1699	0	136.04	255.0	122.3	100	125.0
	Jun 2013	941	15.8	642.00	1671	-27	135.51	255.0	117.3	100	124.6
	Jul 2013	923	15.0	641.50	1658	-14	134.73	255.0	114.6	100	124.1
	Aug 2013	817	13.3	641.50	1658	0	134.46	255.0	101.7	100	124.5
	Sep 2013	734	12.3	638.00	1564	-94	132.62	255.0	90.4	100	123.2
	WY 2013	**9172**							**1135.2**		
	Oct 2013	564	9.2	633.00	1434	-130	129.17	219.3	68.0	86	120.5
	Nov 2013	461	7.7	635.00	1486	51	126.85	244.8	55.2	96	119.8
	Dec 2013	347	5.6	638.71	1583	97	130.29	229.5	42.7	90	123.2
	Jan 2014	592	9.6	641.80	1666	83	134.09	221.9	73.8	87	124.6
	Feb 2014	691	12.5	641.80	1666	0	136.08	209.1	86.5	82	125.0
	Mar 2014	989	16.1	643.05	1700	34	135.86	239.7	123.1	94	124.4
	Apr 2014	1104	18.5	643.00	1699	-2	136.07	255.0	137.1	100	124.3

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2012 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	May 2011	691	11.2	448.68	593	3	80.58	120.0	47.9	100	69.3
H	Jun 2011	708	11.9	447.73	575	-18	81.68	114.0	49.9	95	70.4
I	Jul 2011	762	12.4	448.22	584	9	81.72	116.4	51.6	97	67.7
S	Aug 2011	669	10.9	448.13	583	-2	82.04	120.0	46.1	100	68.9
T	Sep 2011	538	9.0	448.28	585	3	82.16	120.0	39.4	100	73.2
	WY 2011	**6837**							**474.2**		
O	Oct 2011	472	7.7	447.97	579	-6	81.92	92.4	31.5	77	66.8
R	Nov 2011	321	5.4	447.32	567	-12	80.93	102.0	22.1	85	69.1
I	Dec 2011	267	4.3	445.69	537	-30	81.08	67.2	17.7	56	66.2
C	Jan 2012	382	6.2	446.61	554	17	80.68	67.2	25.6	56	67.1
A	Feb 2012	497	8.6	447.10	563	9	80.85	94.8	35.1	79	70.7
L	Mar 2012	711	11.6	447.23	565	2	81.75	97.2	48.8	81	68.6
*	Apr 2012	785	13.2	449.13	602	36	83.37	120.0	54.1	100	69.0
	May 2012	701	11.4	448.50	589	-13	76.58	110.4	47.0	92	67.0
	Jun 2012	688	11.6	448.50	589	0	75.86	120.0	45.7	100	66.4
	Jul 2012	728	11.8	448.00	580	-9	75.61	120.0	48.2	100	66.2
	Aug 2012	647	10.5	447.50	571	-10	75.13	120.0	42.4	100	65.6
	Sep 2012	567	9.5	446.81	557	-13	74.55	120.0	36.8	100	65.0
	WY 2012	**6765**							**455.1**		
	Oct 2012	454	7.4	446.31	548	-9	74.77	102.0	29.3	85	64.6
	Nov 2012	382	6.4	446.50	552	3	74.62	102.0	24.5	85	64.1
	Dec 2012	278	4.5	446.50	552	0	74.71	102.0	17.4	85	62.8
	Jan 2013	358	5.8	446.50	552	0	74.71	102.0	22.8	85	63.8
	Feb 2013	462	8.3	446.50	552	0	73.92	120.0	29.7	100	64.2
	Mar 2013	711	11.6	446.70	555	4	74.01	120.0	46.2	100	64.9
	Apr 2013	798	13.4	448.70	593	38	75.08	120.0	52.7	100	66.0
	May 2013	695	11.3	448.70	593	0	76.05	120.0	46.2	100	66.5
	Jun 2013	677	11.4	448.70	593	0	76.05	120.0	45.0	100	66.5
	Jul 2013	731	11.9	448.00	580	-13	75.71	120.0	48.4	100	66.3
	Aug 2013	624	10.2	447.50	571	-10	75.13	120.0	40.9	100	65.5
	Sep 2013	527	8.9	446.81	557	-13	74.55	120.0	34.2	100	64.8
	WY 2013	**6698**							**437.5**		
	Oct 2013	445	7.2	446.31	548	-9	74.77	102.0	28.7	85	64.6
	Nov 2013	376	6.3	446.50	552	3	74.62	102.0	24.1	85	64.1
	Dec 2013	284	4.6	446.50	552	0	74.71	102.0	17.9	85	62.9
	Jan 2014	358	5.8	446.50	552	0	74.71	102.0	22.8	85	63.8
	Feb 2014	462	8.3	446.50	552	0	73.92	120.0	29.7	100	64.2
	Mar 2014	711	11.6	446.70	555	4	74.01	120.0	46.2	100	64.9
	Apr 2014	798	13.4	448.70	593	38	75.08	120.0	52.7	100	66.0

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2012 24-Month Study

Most Probable Inflow*

Upper Basin Power

	Date	Glen Canyon 1000 MWHR	Flaming Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Reservoir 1000 MWHR	Fontenelle Reservoir 1000 MWHR
*	May 2011	520	105	44	66	23	5
H	Jun 2011	634	98	36	61	23	5
I	Jul 2011	708					
S	Aug 2011	706	60	39	44	22	8
T	Sep 2011	442	58	34	41	22	6
	Summer 2011	**3425**	**386**	**179**	**248**	**111**	**30**
O	Oct 2011	446	48	28	33	18	5
R	Nov 2011	508	34	11	13	7	2
I	Dec 2011	563	43	25	30	17	6
C	Jan 2012	388	58	15	18	10	5
A	Feb 2012	295	54	9	12	2	4
L	Mar 2012	275	62	9	12	6	4
	Winter 2012	**2475**	**300**	**97**	**117**	**61**	**26**
*	Apr 2012	276	47	16	22	14	4
	May 2012	254	36	18	26	14	6
	Jun 2012	299	31	22	29	15	9
	Jul 2012	374	29	31	39	19	8
	Aug 2012	334	29	28	37	18	8
	Sep 2012	198	28	21	29	15	6
	Summer 2012	**1736**	**201**	**137**	**182**	**94**	**39**
	Oct 2012	204	29	13	19	10	6
	Nov 2012	249	28	5	7	4	6
	Dec 2012	330	29	5	7	4	6
	Jan 2013	328	29	5	7	4	5
	Feb 2013	244	30	4	6	4	4
	Mar 2013	244	34	5	8	5	4
	Winter 2013	**1598**	**180**	**37**	**55**	**32**	**31**
	Apr 2013	244	33	8	15	9	5
	May 2013	248	47	33	52	23	7
	Jun 2013	348	84	11	20	16	9
	Jul 2013	379	38	27	34	19	10
	Aug 2013	350	38	32	38	20	8
	Sep 2013	254	37	29	35	18	7
	Summer 2013	**1824**	**276**	**139**	**194**	**104**	**45**
	Oct 2013	254	38	21	26	14	7
	Nov 2013	254	36	12	16	8	6
	Dec 2013	337	38	21	26	13	6
	Jan 2014	335	38	20	25	13	6
	Feb 2014	333	34	16	21	11	5
	Mar 2014	249	38	13	17	9	5
	Winter 2014	**1513**	**183**	**90**	**114**	**59**	**29**
	Apr 2014	333	36	16	23	13	5

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Model Run ID: 2123

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2012 24-Month Study

Most Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions

Date	Flaming George KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Total KAF	Flaming George KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****EFFECTIVE SPACE****										
May 2012	729	297	350	8814	10190	13391	23581	231	-75	-22	134	8814	13391	22316	1500	1002	0	36.8
Jun 2012	691	282	409	8817	10200	13783	23979	184	-98	3	89	8817	13783	22662	1500	964	0	36.4
Jul 2012	561	293	438	9008	10299	14074	24377	40	-89	-15	-64	9008	14074	22993	1500	843	0	35.8
								****CREDITABLE SPACE****										
Aug 2012	536	374	505	9478	10894	14078	24975	536	374	505	1416	9478	14078	24975	1500	806	0	35.2
Sep 2012	568	436	564	9875	11444	14092	25538	568	436	564	1568	9875	14092	25538	2270	714	0	34.6
Oct 2012	610	482	589	9970	11651	14327	25981	610	482	589	1681	9970	14327	25981	3040	430	0	34.5
Nov 2012	639	494	576	9968	11677	14290	25969	639	494	576	1709	9968	14290	25969	3810	551	0	34.4
Dec 2012	669	481	572	10120	11841	14265	26110	669	481	572	1722	10120	14265	26110	4580	507	0	34.4
Jan 2013	716	473	582	10513	12284	13944	26232	716	473	582	1771	10513	13944	26232	5350	698	0	34.2
								****EFFECTIVE SPACE****										
Jan 2013	716	473	582	10513	12284	13944	26232	359	435	465	1259	10513	13944	25618	5350	698	0	34.2
Feb 2013	757	467	595	10888	12708	13823	26535	399	428	477	1305	10888	13823	25915	1500	707	0	33.9
Mar 2013	798	460	597	11062	12916	13876	26796	438	422	478	1337	11062	13876	26174	1500	1051	0	33.6
Apr 2013	793	443	539	11102	12877	14280	27161	428	405	417	1249	11102	14280	26531	1500	1132	0	33.5
May 2013	755	401	446	10897	12499	14765	27268	383	358	304	1045	10897	14765	26607	1500	1015	0	34.7
Jun 2013	650	317	312	9680	10959	15166	26118	267	255	134	656	9680	15166	25392	1500	950	0	36.2
Jul 2013	503	117	277	8426	9323	15328	24637	107	30	47	184	8426	15328	23821	1500	939	0	36.2
								****CREDITABLE SPACE****										
Aug 2013	414	89	288	8410	9201	15415	24603	414	89	288	791	8410	15415	24603	1500	847	0	35.8
Sep 2013	443	120	309	8689	9560	15438	24985	443	120	309	871	8689	15438	24985	2270	659	0	35.4
Oct 2013	499	168	313	8816	9795	15501	25284	499	168	313	980	8816	15501	25284	3040	448	0	35.2
Nov 2013	551	195	302	8872	9920	15376	25285	551	195	302	1048	8872	15376	25285	3810	537	0	35.1
Dec 2013	602	205	300	8975	10082	15339	25410	602	205	300	1107	8975	15339	25410	4580	472	0	35.2
Jan 2014	672	248	307	9299	10525	14984	25502	672	248	307	1227	9299	14984	25502	5350	698	0	34.9
								****EFFECTIVE SPACE****										
Jan 2014	672	248	307	9299	10525	14984	25502	299	248	147	694	9299	14984	24885	5350	698	0	34.9
Feb 2014	736	289	316	9608	10950	14865	25807	362	289	156	807	9608	14865	25189	1500	707	0	34.7
Mar 2014	786	320	315	9922	11343	14919	26070	410	320	153	883	9922	14919	25449	1500	1051	0	34.3
Apr 2014	791	327	283	9906	11306	15324	26438	411	327	118	855	9906	15324	25809	1500	1132	0	34.3

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2123

Processed On: 5/10/2012 6:46:17AM

June 24-Month Study
Date: June 13, 2012

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

Reservoir	May Inflow (unregulated) (acre-feet)	Percent of Average (%)	June 12 Midnight Elevation (feet)	Reservoir Storage (acre-feet)
Fontenelle	130,000	79	6500.37	302,000
Flaming Gorge	153,000	63	6023.11	3,091,000
Blue Mesa	74,000	33	7481.88	520,000
Navajo	131,000	47	6055.35	1,290,000
Powell	792,000	34	3636.29	15,569,000

Expected Operations

The operation of Lake Powell and Lake Mead in this June 2012 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines), and reflects the 2012 Annual Operating Plan (AOP). Pursuant to the Interim Guidelines, the August 2011 24-Month Study projections of the January 1, 2012 system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2012.

Consistent with Section 6.A of the Interim Guidelines, the Lake Powell operational tier for water year 2012 is the Equalization Tier. The June 2012 24-Month Study projects the water year release volume from Lake Powell for 2012 to be 9.46 maf.

Consistent with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar year 2012.

The Interim Guidelines are available for download at
http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The 2012 AOP is available for download at
http://www.usbr.gov/lc/region/g4000/aop/AOP12.pdf.

Fontenelle Reservoir – Inflows for the month of May were 130 kaf, or 79% of average. The reservoir elevation is 6499 feet above sea level and 84% of capacity. The reservoir elevation is increasing and will continue to increase throughout the summer. Current inflows are approximately 4,500 cfs and reservoir releases are 1,000 cfs. Releases will be increased to 1,300cfs on June 14th and may be further increased, depending on observed reservoir inflows. Basin snowpack peaked on March 21st, approximately three weeks early, at 84% of average. Although nearly all of the snow reported by snotel stations (which are all below 10,000 ft) has melted, field reports indicate that additional snow remains at the high elevations.

The Colorado Basin River Forecast Center and Natural Resources Conservation Service have issued the June coordinated forecast for the April to July 2012 runoff season to be 490 kaf, or 68% of average. Inflows over the next three months are forecasted by the River Forecast Center to be: 180 kaf (60%), 80 kaf (45%) and 45 kaf (58%) for June, July, and August respectively.

The spring Fontenelle Working Group meeting was held on April 26, 2012 at Seedskadee National Wildlife Refuge. Minutes from the meeting are posted on the Working Group webpages. The next Fontenelle Working Group meeting is scheduled for August 23, 2012 at 10:00 am at the Joint Power's Water Board treatment plant boardroom in Green River, Wyoming. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir.

Flaming Gorge Reservoir – Unregulated inflow into Flaming Gorge Reservoir during the month of May was 153,000 acre-feet, or 63 % percent of average. Flaming Gorge Reservoir is releasing average daily release rate of 1,500 cubic feet per second (cfs). Releases increase from 820 cfs to 1,570 cfs at 6:00am and from 1,570 cfs to 2,070 cfs at 5:00pm, returning to 800 cfs at midnight. The reservoir elevation is 6023.2 feet.

The Colorado Basin River Forecast Center and Natural Resources Conservation Service have issued the joint water supply forecast for the April-July runoff season. The June forecast for April-July unregulated inflow volume into Flaming Gorge Reservoir is 560,000 acre-feet (57% of average). The unregulated inflow volumes and percent of average for June, July and August are forecasted to be 185 kaf (47%), 85 kaf (40%), and 53 kaf (56%), respectively.

The May forecast for April-July unregulated inflow volume into Flaming Gorge Reservoir was 630,000 acre-feet (64 percent of average), which corresponds to a moderately dry classification. However, in accordance with the flexibility written into the 2006 Record of Decision, the hydrologic classification has been designated as dry because of the extremely dry conditions on the Yampa River. The Green River at Jensen, Utah spring peak target under the dry hydrologic classification is flows of at least 8,300

cfs for a minimum of two days except in extremely dry years. Flows at Jensen, Utah were above 8,300cfs for five days in June.

The Upper Colorado River Endangered Fish Recovery Program (Recovery Program) this year requested spring releases timed with the emergence of larval endangered razorback sucker in the upper and middle Green River below Flaming Gorge Dam. In order to meet this request, releases from Flaming Gorge reservoir were increased to 7,400cfs for two days in June with a total of five days of bypass releases (above powerplant capacity of 4,600cfs).

The next Flaming Gorge Working Group meeting is scheduled for August 22, 2012, at 1:00 p.m. at the Western Park Convention Center, 302 East 200 South, Vernal, Utah. The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stake holders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations and plans presented by Reclamation at these meetings. For more information on this group and these meetings please contact Ed Vidmar at 801-379-1182.

Aspinall Unit Reservoirs – May unregulated inflow into Blue Mesa Reservoir was 74,000 acre-feet or 33 percent of average. The Gunnison River Basin snowpack has mostly melted out this year in early May. This has resulted in some very low river flows during the first part of June. Precipitation during May was also very dry, about 30 percent of average. The current inflow rate into Blue Mesa Reservoir is about 900 cfs while reservoir releases are averaging about 1,600 cfs. Blue Mesa's present elevation is 7482.27 feet, which corresponds to a storage content of about 523,000 acre-feet.

The latest Water Supply Forecast for Water Year 2012 has been issued and the April through July unregulated inflow is forecasted to be at 196,000 acre-feet (29% of average). This is a 34,000 acre-feet decrease from last month's forecast. Based on this runoff forecast and the current elevation of Blue Mesa Reservoir, the reservoir is not expected to fill nor is it expected to gain any further elevation raise this year. This year's high was recorded on April 13th when the reservoir reached elevation 7485.02 feet.

Releases from Crystal are currently set at 1700 cfs. The Gunnison Diversion Tunnel is diverting about 1,000 cfs, which results in a river flow below the diversion tunnel of approximately 700 cfs. These rates will most likely change as conditions warrant, primarily as we respond to changes at the Whitewater gage as flows prescribed in the Aspinall Unit Operations Record of Decision (ROD). The ROD calls for keeping flows at the Whitewater gage at or above 900 cfs.

The next meeting of the "Aspinall Unit Working Group" will be held on Thursday, August 9, 2012 starting at 1:00 PM at the Elk Creek Visitors Center at Blue Mesa Reservoir. At this meeting, review of this spring's reservoir operations, and plans for this summer and fall operations will be discussed. These meetings are open forum discussions on the Aspinall Unit reservoir operations with many interested groups

participating. Anyone needing further information about these meetings should contact Dan Crabtree in the Grand Junction Area Office at (970) 248-0652.

Navajo Reservoir – Unregulated inflow into Navajo Reservoir during the month of May was 131,000 acre-feet, or 47 % of average. The reservoir elevation is 6055.57 feet above sea level and 76% of capacity. Current inflows are approximately 650 cfs and reservoir releases are 500 cfs. Diversions for NIIP are currently approximately 800cfs. Basin snowpack peaked on March 9th, approximately four weeks early, at 83% of average. Current snowpack above Navajo Reservoir is essentially gone, with only typical summer type snow banks in some areas.

Releases are made for the authorized purposes of the Navajo Unit, and to attempt to maintain a target flows through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell). A 7-day spring peak release of 5,000 cfs was achieved during the week of May 21st through June1st. At the end of the peak release period, the release returned to 500 cfs. The goal of the Navajo spring peak release is to match the timing of the peak of the Animas River in Farmington.

The Colorado Basin River Forecast Center and Natural Resources Conservation Service have issued the June coordinated forecast for inflows to Navajo during the April to July 2012 runoff season. As conditions become drier, the forecast continues to decrease. Unregulated inflows are forecasted to be 330 kaf, or 45% of average. This forecast decreased by 15,000 acre-feet or a 2% reduction from last month's official forecast. Unregulated inflows over the next three months are forecasted by the River Forecast Center to be: 41 kaf (20%), 9 kaf (11%) and 15 kaf (25%) for June, July and August, respectively.

A public meeting on Navajo Reservoir operations is scheduled for Tuesday, August 21, 2012 at 1:00 PM at the Civic Center in Farmington, New Mexico (200 West Arrington Street). At this meeting, review of this spring's reservoir operations, and plans for this summer and fall operations will be discussed. These meetings are open forum discussions on the operation of Navajo Reservoir with many interested groups participating. Anyone interested in the general operation of the reservoir is encouraged to attend. Please contact Ryan Christianson in Reclamation's Durango, Colorado Office at (970) 385-6590 for information about these meetings or the daily operation of Navajo Reservoir.

Glen Canyon Dam / Lake Powell – The monthly unregulated inflow volume to Lake Powell for May was 792 thousand acre-feet (kaf) (34% of average). This was 142 kaf above what was forecasted in early May. The release volume from Glen Canyon Dam in May was 601 kaf which was 1,000 acre-feet above what was scheduled for release during the month. As a result of the difference between the projections made in early May and actual conditions and operations that occurred in May, the elevation of Lake Powell at the

end of May was 1.10 feet higher than projected. On May 31, 2012 the elevation of Lake Powell was 3636.83 feet above sea level (63.17 feet below full pool).

The Water Supply Forecast for Lake Powell (April through July Unregulated Inflow Volume) has been updated for June and the forecasted unregulated inflow volume for the period from April through July for Lake Powell is now 2.01 maf (28% of average). This is the third driest June forecast for Lake Powell since these forecasts began to be issued. Only 1977 and 2002 had lower June forecasts and these years ultimately were the 2 driest water years in the historic record for Lake Powell (1963-2011).

Current Dam Operations

In August 2011, pursuant to the Interim Guidelines, the Operating Tier for Glen Canyon Dam was established to be the Equalization Tier. Under the Equalization Tier when conditions dry out as they have this year, the minimum annual release from Lake Powell can generally be as low as 8.23 maf. However, water year 2011 was a very wet Equalization year and not all of the Equalization release volume for 2011 could be achieved by September 30, 2011. As a result, 1.233 maf of the 2011 Equalization release volume was actually released after the end of water year 2011. This increased the minimum release volume for water year 2012 under Equalization to 9.463 maf. Under the dry hydrologic conditions currently projected for Lake Powell, the water year 2012 release volume is projected to be at this minimum Equalization level of 9.463 maf. As hydrologic conditions for Lake Powell and Lake Mead change throughout the year, Reclamation will adjust operations of Glen Canyon Dam to release the appropriate annual volume during 2012 to achieve Equalization objectives as practicably as possible by September 30, 2012.

Releases from Glen Canyon Dam are now averaging about 12,600 cfs with fluctuations for power generation throughout the day that peak near 15,000 cfs in the afternoons and with early morning low level releases are about 9,000 cfs and this operation is consistent with the Glen Canyon Operating Criteria (Federal Register, Volume 62, No. 41, March 3, 1997). The release volume for June is scheduled to be 708 kaf. In July, the monthly release volume will likely be about 889 kaf. Release fluctuations in July are projected to be in the range from about 10,000 cfs during the early morning hours to an afternoon peak of about 18,000 cfs.

In addition to daily scheduled fluctuations for power generation, the instantaneous releases from Glen Canyon Dam may also fluctuate to provide 40 MW of system regulation. These instantaneous release adjustments stabilize the electrical generation and transmission system and translate to a range of about 1100 cfs above or below the hourly scheduled release rate. Typically, fluctuations for system regulation are very short lived and balance out over the hour and do not have noticeable impacts on downstream river flow conditions.

Releases from Glen Canyon Dam can also fluctuate beyond scheduled fluctuations for power generation when called upon as a partner that shares reserve requirements within

the electrical generator community (i.e. balancing area). There are many generators that supply electricity to the transmission system within the balancing area. At times, a participating generator may experience operating conditions such that it cannot make its scheduled delivery of electricity to the system (i.e. unscheduled outage). To provide system reliability, all participating electricity generators within the balancing area maintain a specified level of generation capacity (i.e. reserves) that can be called upon when an unscheduled outage occurs. Glen Canyon Dam typically maintains 113 MW of reserves for this purpose.

Reserve agreements allow the controllers of the balancing area to call upon Glen Canyon Dam to produce up to an additional 113 MW of electricity beyond what is originally scheduled for a given hour. Reserve calls can be maintained for a maximum of 2 hours after which time the generation rate should be returned to the original schedule. The 113 MW reserve requirement for Glen Canyon Dam translates to approximately 2,800 cfs of flow in the river. When the balancing area controllers call for reserve generation from Glen Canyon Dam, releases from the dam can exceed scheduled levels and have a noticeable impact on the river downstream from Glen Canyon Dam. But these calls for reserves are fairly infrequent and typically are for much less than the required level of 113 MW.

Current Inflow Forecasts and Model Projections

Over the next three months (June, July and August) the forecasted unregulated inflow volume to Lake Powell is projected to be 350 kaf (13% of average), 100 kaf (9% of average) and 150 kaf (30% of average), respectively. These percent of averages are all based on the historic period from 1981 through 2010. The most probable (i.e. 50% likely to be exceeded) unregulated inflow volume for WY2012 is projected to be 5.01 maf (46% of average). Comparing this projected water year unregulated inflow volume to the driest year on record (2002) in which the unregulated inflow volume was only 2.64 maf (24% of average), water year 2012 will likely be very dry, yet not nearly as dry as conditions were in 2002. The currently projected water year unregulated inflow volume of 5.01 maf would rank as the 3rd driest year on record since the closure of Glen Canyon Dam (1963).

The annual release volume from Glen Canyon Dam will likely be 9.463 maf and the elevation of Lake Powell at the end of WY2012 is projected to be 3621.3 feet above sea level. This elevation corresponds to a live storage volume of 13.90 maf (57 % of full capacity). These projections are based on conditions in the June 24-Months Study.

Upper Colorado River Basin Hydrology

Since water year 2005, hydrologic conditions in the Upper Colorado River Basin have been near average with significant variability from year to year. The unregulated inflow to Lake Powell, which is a good measure of the hydrologic condition in the Colorado River Basin, has averaged a water year volume of 10.98 maf (101% of average (period

1981-2010)) during the period from 2005 through 2011. The hydrologic variability during this period has been from a low water year unregulated inflow volume of 8.62 maf (80% of average) in water year 2006 to a high water year unregulated inflow volume of 15.97 maf (147% of average) which occurred in water year 2011.

Overall reservoir storage in the Colorado River Basin has increased by over 8 maf since the beginning of water year 2005 and this is a significant improvement over the drought conditions during water years 2000 through 2004. On October 1, 2004, the beginning of water year 2005, the total reservoir storage in the Colorado River Basin was 29.84 maf (50.2% of capacity). On October 1, 2011, the beginning of water year 2012, the total reservoir storage in the Colorado River Basin was 38.66 maf (64.8% of capacity). As of June 12, 2012 the total reservoir storage in the Colorado River Basin was 36.59 maf (61.4% of capacity).

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-430
125 SOUTH STATE STREET, ROOM 6107
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-3709

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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:	Obs			may	Forecast			Outlook	
:	feb	mar	apr	may	%Avg	jun	jul	aug	apr-jul %Avg
GLDA3:Lake Powell	343	560	764	792	34%:	350/	100/	150/	2010/: 28%
GBRW4:Fontenelle	30	64	98	130	79%:	180/	80/	45/	490/: 68%
GRNU1:Flaming Gorge	47	104	136	153	63%:	185/	85/	53/	560/: 57%
BMDC2:Blue Mesa	21	40	57	74	33%:	45/	20/	25/	196/: 29%
MPSC2:Morrow Point	22	43	64	80	32%:	47/	19/	25/	210/: 28%
CLSC2:Crystal	26	49	71	86	31%:	50/	18/	28/	225/: 27%
TPIC2:Taylor Park	3.9	6.1	10.1	15.5	55%:	8/	5/	4/	39/: 39%
VCRC2:Vallecito	4.3	12.3	36	42	59%:	19/	9/	9/	106/: 55%
NVRN5:Navajo	18.6	74	149	131	47%:	41/	9/	15/	330/: 45%
LEMC2:Lemon	0.71	2.6	12.1	13.7	64%:	5/	2.3/	2.4/	33/: 60%
MPHC2:McPhee	3.5	22	53	46	37%:	12/	4/	8/	115/: 39%
RBSC2:Ridgway	3.5	5.8	9.1	15.7	61%:	14/	7/	5.5/	46/: 46%

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2012 24-Month Study

Most Probable Inflow*

Fontenelle Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jun 2011	429	1	87	283	370	6481.96	178
H	Jul 2011	539	2	110	313	424	6498.87	290
I	Aug 2011	118	2	88	1	89	6502.38	317
S	Sep 2011	49	2	66	0	66	6499.90	298
	WY 2011	**1581**	**14**	**801**	**747**	**1549**		
T	Oct 2011	50	1	56	18	74	6496.55	273
O	Nov 2011	46	1	22	49	71	6492.84	247
R	Dec 2011	35	1	74	0	74	6486.86	207
I	Jan 2012	32	1	74	0	74	6479.61	165
C	Feb 2012	30	0	69	0	69	6471.56	126
A	Mar 2012	64	0	67	0	67	6470.82	123
L	Apr 2012	98	1	60	0	60	6478.72	160
*	May 2012	130	1	61	0	62	6489.92	227
	Jun 2012	180	3	70	0	70	6504.73	336
	Jul 2012	80	3	80	0	80	6504.39	333
	Aug 2012	45	2	74	0	74	6500.36	302
	Sep 2012	33	2	63	0	63	6496.07	270
	WY 2012	**824**	**16**	**769**	**68**	**837**		
	Oct 2012	42	1	65	0	65	6492.66	246
	Nov 2012	42	1	63	0	63	6489.40	225
	Dec 2012	32	1	65	0	65	6484.22	191
	Jan 2013	30	1	65	0	65	6477.93	156
	Feb 2013	28	0	59	0	59	6471.27	125
	Mar 2013	53	0	65	0	65	6468.26	112
	Apr 2013	85	1	83	0	83	6468.81	114
	May 2013	164	1	98	6	104	6481.06	173
	Jun 2013	299	2	103	65	167	6500.46	302
	Jul 2013	178	3	100	33	134	6505.75	344
	Aug 2013	77	2	88	0	88	6504.07	330
	Sep 2013	46	2	70	0	70	6500.73	304
	WY 2013	**1075**	**15**	**922**	**104**	**1026**		
	Oct 2013	49	1	72	0	72	6497.49	280
	Nov 2013	42	1	69	0	69	6493.58	252
	Dec 2013	32	1	72	0	72	6487.53	212
	Jan 2014	30	1	72	0	72	6480.58	170
	Feb 2014	28	1	65	0	65	6473.06	133
	Mar 2014	53	0	72	0	72	6468.56	113
	Apr 2014	85	1	83	0	83	6468.93	115
	May 2014	164	1	97	25	122	6477.75	155

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2012 24-Month Study

Most Probable Inflow*

Flaming Gorge Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	Jun 2011	667	608	10	254	173	427	133	6029.11	3315	1570
H	Jul 2011	771	656	14	263	94	357	144	6036.07	3590	905
I	Aug 2011	144	115	13	148	0	148	142	6034.95	3544	246
S	Sep 2011	58	76	11	144	0	144	139	6033.03	3467	200
	WY 2011	**2414**	**2381**	**80**	**1661**	**314**	**1975**				**5234**
T	Oct 2011	74	97	7	120	0	121	138	6032.27	3437	187
O	Nov 2011	64	89	4	88	0	88	138	6032.21	3435	144
R	Dec 2011	38	77	2	108	0	108	137	6031.41	3404	146
I	Jan 2012	45	87	2	148	0	148	134	6029.85	3343	187
C	Feb 2012	47	86	2	140	0	140	132	6028.43	3289	186
A	Mar 2012	104	107	3	162	0	162	130	6026.95	3233	285
L	Apr 2012	136	98	5	122	0	122	129	6026.21	3205	331
*	May 2012	153	85	8	159	19	178	125	6023.57	3108	385
	Jun 2012	185	75	10	76	0	76	125	6023.28	3097	76
	Jul 2012	85	85	13	61	0	61	125	6023.56	3107	61
	Aug 2012	53	82	12	61	0	61	125	6023.78	3115	61
	Sep 2012	40	70	11	60	0	60	125	6023.78	3115	60
	WY 2012	**1024**	**1038**	**79**	**1305**	**20**	**1325**				**2110**
	Oct 2012	51	74	7	61	0	61	126	6023.92	3121	61
	Nov 2012	51	72	3	60	0	60	126	6024.16	3129	60
	Dec 2012	35	68	2	61	0	61	126	6024.28	3134	61
	Jan 2013	40	75	2	61	0	61	126	6024.58	3145	61
	Feb 2013	45	75	2	56	0	56	127	6025.05	3162	56
	Mar 2013	102	115	3	82	0	82	128	6025.81	3190	82
	Apr 2013	134	131	5	80	0	80	130	6026.99	3234	80
	May 2013	245	185	8	129	0	129	132	6028.24	3281	129
	Jun 2013	390	258	10	230	0	230	133	6028.68	3298	230
	Jul 2013	210	166	14	96	0	96	135	6030.10	3353	96
	Aug 2013	89	100	13	96	0	96	134	6029.87	3344	96
	Sep 2013	55	79	11	93	0	93	134	6029.25	3320	93
	WY 2013	**1447**	**1397**	**79**	**1105**	**0**	**1105**				**1105**
	Oct 2013	59	82	7	96	0	96	133	6028.71	3300	96
	Nov 2013	51	78	3	93	0	93	132	6028.26	3282	93
	Dec 2013	35	74	2	96	0	96	131	6027.67	3260	96
	Jan 2014	40	82	2	96	0	96	130	6027.27	3245	96
	Feb 2014	45	82	2	87	0	87	130	6027.08	3238	87
	Mar 2014	102	121	3	126	0	126	130	6026.88	3230	126
	Apr 2014	134	131	5	122	0	122	130	6027.00	3235	122
	May 2014	245	204	8	143	0	143	132	6028.35	3286	143

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2012 24-Month Study

Most Probable Inflow*

Taylor Park Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jun 2011	65	28	9326.09	98
H	Jul 2011	37	39	9325.07	96
I	Aug 2011	12	24	9318.44	84
S	Sep 2011	7	20	9310.68	71
	WY 2011	**179**	**181**		
T	Oct 2011	7	9	9309.52	69
O	Nov 2011	5	6	9309.15	69
R	Dec 2011	4	6	9307.93	67
I	Jan 2012	4	5	9307.37	66
C	Feb 2012	4	4	9307.22	66
A	Mar 2012	6	4	9308.28	67
L	Apr 2012	10	4	9311.81	73
*	May 2012	16	8	9316.40	81
	Jun 2012	8	13	9313.46	76
	Jul 2012	5	16	9306.54	65
	Aug 2012	4	18	9296.49	51
	Sep 2012	4	12	9290.08	43
	WY 2012	**77**	**106**		
	Oct 2012	5	6	9289.44	42
	Nov 2012	5	5	9290.00	43
	Dec 2012	5	5	9290.16	43
	Jan 2013	4	5	9290.02	43
	Feb 2013	4	5	9289.39	42
	Mar 2013	4	5	9289.33	42
	Apr 2013	9	5	9293.08	46
	May 2013	28	8	9307.91	67
	Jun 2013	42	15	9323.44	93
	Jul 2013	20	18	9324.57	95
	Aug 2013	10	20	9319.36	86
	Sep 2013	7	16	9314.42	77
	WY 2013	**144**	**110**		
	Oct 2013	7	10	9312.42	74
	Nov 2013	5	6	9311.88	73
	Dec 2013	5	6	9311.06	72
	Jan 2014	4	6	9310.03	70
	Feb 2014	4	6	9308.64	68
	Mar 2014	4	6	9307.63	66
	Apr 2014	9	6	9309.40	69
	May 2014	28	18	9315.64	79

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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Processed On: 6/13/2012 10:49:32AM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2012 24-Month Study

Most Probable Inflow*

Blue Mesa Reservoir

	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jun 2011	425	389	1	127	19	146	7508.73	735
H	Jul 2011	222	222	2	150	0	150	7516.80	806
I	Aug 2011	67	79	1	123	0	123	7511.67	760
S	Sep 2011	35	48	1	108	0	108	7504.54	699
	WY 2011	**1162**	**1163**	**8**	**1046**	**19**	**1065**		
T	Oct 2011	36	38	1	93	0	93	7497.84	644
O	Nov 2011	29	29	0	37	0	37	7496.82	635
R	Dec 2011	24	26	0	87	0	87	7489.07	574
I	Jan 2012	22	23	0	52	0	52	7485.29	545
C	Feb 2012	21	22	0	34	0	34	7483.66	533
A	Mar 2012	40	39	0	32	0	32	7484.49	539
L	Apr 2012	57	51	1	58	0	58	7483.54	532
*	May 2012	74	66	1	71	0	71	7482.82	527
	Jun 2012	45	50	1	81	0	81	7478.42	495
	Jul 2012	20	31	1	110	0	110	7466.77	414
	Aug 2012	25	39	1	102	0	102	7456.57	350
	Sep 2012	23	30	1	80	0	80	7447.75	300
	WY 2012	**417**	**445**	**8**	**837**	**0**	**837**		
	Oct 2012	31	31	0	48	0	48	7444.55	283
	Nov 2012	31	31	0	17	0	17	7447.05	296
	Dec 2012	26	25	0	18	0	18	7448.40	304
	Jan 2013	24	24	0	18	0	18	7449.54	310
	Feb 2013	22	23	0	16	0	16	7450.87	317
	Mar 2013	36	36	0	20	0	20	7453.72	334
	Apr 2013	77	73	1	30	0	30	7460.76	376
	May 2013	221	201	1	118	0	118	7473.23	458
	Jun 2013	261	234	1	36	0	36	7499.22	655
	Jul 2013	117	115	1	87	0	87	7502.40	681
	Aug 2013	63	73	1	103	0	103	7498.71	651
	Sep 2013	38	47	1	94	0	94	7492.70	602
	WY 2013	**948**	**913**	**7**	**604**	**0**	**604**		
	Oct 2013	38	42	1	52	0	52	7491.31	592
	Nov 2013	31	32	0	24	0	24	7492.36	600
	Dec 2013	26	27	0	45	0	45	7490.00	581
	Jan 2014	24	26	0	65	0	65	7484.87	542
	Feb 2014	22	25	0	55	0	55	7480.75	511
	Mar 2014	36	38	0	44	0	44	7479.82	505
	Apr 2014	77	74	1	54	0	54	7482.49	524
	May 2014	221	211	1	112	0	112	7495.16	622

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2012 24-Month Study

Most Probable Inflow*

Morrow Point Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jun 2011	455	146	30	176	170	0	176	7155.72	114
H	Jul 2011	231	150	9	159	159	0	159	7155.22	113
I	Aug 2011	68	123	1	125	124	0	124	7155.77	114
S	Sep 2011	36	108	1	109	115	0	115	7148.00	108
	WY 2011	**1236**	**1065**	**74**	**1139**	**1133**	**0**	**1139**		
T	Oct 2011	37	93	1	94	91	0	91	7151.08	110
O	Nov 2011	30	37	2	39	38	0	38	7151.73	110
R	Dec 2011	25	87	0	88	85	0	85	7154.97	113
I	Jan 2012	23	52	1	53	52	0	52	7155.61	113
C	Feb 2012	22	34	1	35	35	0	35	7155.27	113
A	Mar 2012	43	32	2	35	34	0	34	7156.25	114
L	Apr 2012	63	58	6	64	63	0	63	7157.05	115
*	May 2012	80	71	6	76	79	0	79	7154.07	112
	Jun 2012	47	81	2	83	83	0	83	7153.73	112
	Jul 2012	19	110	-1	109	109	0	109	7153.73	112
	Aug 2012	25	102	0	102	102	0	102	7153.73	112
	Sep 2012	24	80	1	81	81	0	81	7153.73	112
	WY 2012	**438**	**837**	**21**	**858**	**853**	**0**	**853**		
	Oct 2012	32	48	2	50	50	0	50	7153.73	112
	Nov 2012	33	17	2	19	19	0	19	7153.73	112
	Dec 2012	28	18	2	20	20	0	20	7153.73	112
	Jan 2013	27	18	2	20	20	0	20	7153.73	112
	Feb 2013	25	16	3	18	18	0	18	7153.73	112
	Mar 2013	40	20	4	24	24	0	24	7153.73	112
	Apr 2013	88	30	11	41	41	0	41	7153.73	112
	May 2013	247	118	26	144	144	0	144	7153.73	112
	Jun 2013	281	36	20	56	56	0	56	7153.73	112
	Jul 2013	123	87	6	93	93	0	93	7153.73	112
	Aug 2013	67	103	3	106	106	0	106	7153.73	112
	Sep 2013	41	94	3	97	97	0	97	7153.73	112
	WY 2013	**1032**	**604**	**84**	**688**	**688**	**0**	**688**		
	Oct 2013	41	52	3	55	55	0	55	7153.73	112
	Nov 2013	33	24	2	26	26	0	26	7153.73	112
	Dec 2013	28	45	2	47	47	0	47	7153.73	112
	Jan 2014	27	65	2	67	67	0	67	7153.73	112
	Feb 2014	25	55	3	58	58	0	58	7153.73	112
	Mar 2014	40	44	4	48	48	0	48	7153.73	112
	Apr 2014	88	54	11	65	65	0	65	7153.73	112
	May 2014	247	112	26	138	138	0	138	7153.73	112

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2012 24-Month Study

Most Probable Inflow*

Crystal Reservoir

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
*	Jun 2011	516	176	61	237	120	81	237	6752.90	17	62	183
H	Jul 2011	255	159	23	182	128	58	186	6739.47	13	62	136
I	Aug 2011	75	124	7	131	126	2	129	6748.39	16	66	70
S	Sep 2011	39	115	4	119	120	0	120	6744.21	14	64	62
	WY 2011	**1375**	**1139**	**139**	**1278**	**1008**	**235**	**1279**			**413**	**912**
T	Oct 2011	41	91	4	96	94	0	94	6749.65	16	53	44
O	Nov 2011	34	38	4	42	41	1	41	6751.53	17	1	41
R	Dec 2011	28	85	3	88	89	0	89	6750.95	16	1	90
I	Jan 2012	27	52	3	56	53	3	56	6751.28	16	1	57
C	Feb 2012	26	35	3	38	15	23	38	6751.90	17	1	40
A	Mar 2012	49	34	6	40	40	0	40	6751.80	17	6	36
L	Apr 2012	71	63	8	71	71	0	71	6752.10	17	50	23
*	May 2012	86	79	6	84	86	0	86	6745.87	15	65	23
	Jun 2012	50	83	3	86	84	0	84	6753.04	17	60	24
	Jul 2012	18	109	-1	108	108	0	108	6753.04	17	65	43
	Aug 2012	28	102	3	105	105	0	105	6753.04	17	65	40
	Sep 2012	27	81	4	85	85	0	85	6753.04	17	55	30
	WY 2012	**484**	**853**	**46**	**899**	**870**	**26**	**897**			**421**	**491**
	Oct 2012	37	50	5	55	55	0	55	6753.04	17	30	25
	Nov 2012	38	19	5	24	24	0	24	6753.04	17	0	24
	Dec 2012	32	20	5	25	25	0	25	6753.04	17	0	25
	Jan 2013	31	20	5	25	25	0	25	6753.04	17	0	25
	Feb 2013	29	18	4	22	22	0	22	6753.04	17	0	22
	Mar 2013	46	24	6	30	30	0	30	6753.04	17	5	25
	Apr 2013	101	41	12	54	54	0	54	6753.04	17	30	24
	May 2013	281	144	34	178	134	44	178	6753.04	17	55	123
	Jun 2013	315	56	34	90	90	0	90	6753.04	17	60	30
	Jul 2013	138	93	14	108	108	0	108	6753.04	17	65	43
	Aug 2013	75	106	8	114	114	0	114	6753.04	17	65	49
	Sep 2013	47	97	6	103	103	0	103	6753.04	17	55	48
	WY 2013	**1170**	**688**	**138**	**826**	**782**	**44**	**826**			**365**	**461**
	Oct 2013	47	55	6	61	61	0	61	6753.04	17	30	31
	Nov 2013	38	26	5	30	30	0	30	6753.04	17	0	30
	Dec 2013	32	47	5	52	52	0	52	6753.04	17	0	52
	Jan 2014	31	67	5	72	72	0	72	6753.04	17	0	72
	Feb 2014	29	58	4	61	61	0	61	6753.04	17	0	61
	Mar 2014	46	48	6	54	54	0	54	6753.04	17	5	49
	Apr 2014	101	65	12	78	78	0	78	6753.04	17	30	48
	May 2014	281	138	34	172	134	38	172	6753.04	17	55	117

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2012 24-Month Study

Most Probable Inflow*

Vallecito Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jun 2011	79	64	7664.94	125
H	Jul 2011	23	39	7658.78	109
I	Aug 2011	9	37	7647.29	81
S	Sep 2011	8	29	7637.58	59
	WY 2011	**225**	**222**		
T	Oct 2011	15	9	7640.42	65
O	Nov 2011	9	2	7643.33	72
R	Dec 2011	5	2	7644.76	75
I	Jan 2012	5	3	7645.42	76
C	Feb 2012	4	4	7645.50	76
A	Mar 2012	12	4	7648.84	84
L	Apr 2012	36	3	7661.80	117
*	May 2012	42	35	7664.36	124
	Jun 2012	19	43	7655.05	99
	Jul 2012	9	42	7640.95	66
	Aug 2012	9	38	7625.48	37
	Sep 2012	11	30	7611.00	18
	WY 2012	**176**	**214**		
	Oct 2012	13	17	7606.29	14
	Nov 2012	9	1	7613.56	21
	Dec 2012	6	2	7617.58	26
	Jan 2013	5	2	7620.50	30
	Feb 2013	5	1	7622.82	33
	Mar 2013	9	2	7627.24	40
	Apr 2013	23	1	7638.73	62
	May 2013	71	31	7655.79	101
	Jun 2013	70	59	7660.13	112
	Jul 2013	29	42	7655.02	99
	Aug 2013	20	38	7647.42	81
	Sep 2013	17	30	7641.90	68
	WY 2013	**278**	**225**		
	Oct 2013	16	20	7639.78	64
	Nov 2013	9	8	7639.97	64
	Dec 2013	6	6	7639.97	64
	Jan 2014	5	5	7639.93	64
	Feb 2014	5	5	7639.97	64
	Mar 2014	9	3	7642.45	70
	Apr 2014	23	3	7651.10	90
	May 2014	71	48	7660.19	113

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2012 24-Month Study

Most Probable Inflow*

Navajo Reservoir

	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azetea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Farmington Flow (1000 Ac-Ft)
*	Jun 2011	252	43	193	4	42	113	6068.65	1462	295
H	Jul 2011	40	8	46	5	48	31	6065.88	1424	98
I	Aug 2011	3	2	29	4	47	46	6060.64	1356	47
S	Sep 2011	15	2	35	3	20	40	6058.35	1327	53
	WY 2011	**737**	**93**	**641**	**28**	**220**	**478**			**891**
T	Oct 2011	54	4	44	2	10	33	6058.32	1327	55
O	Nov 2011	31	1	23	1	0	21	6058.38	1327	47
R	Dec 2011	19	0	16	1	1	31	6057.10	1311	54
I	Jan 2012	18	0	16	1	1	30	6055.85	1296	50
C	Feb 2012	19	0	18	1	1	28	6054.95	1285	46
A	Mar 2012	74	7	61	2	6	31	6056.81	1308	70
L	Apr 2012	149	18	98	2	27	30	6059.88	1346	96
*	May 2012	131	17	105	4	34	110	6056.40	1303	176
	Jun 2012	41	6	59	4	44	31	6054.78	1283	31
	Jul 2012	9	1	41	4	46	54	6049.50	1220	54
	Aug 2012	15	0	44	3	39	61	6044.24	1159	61
	Sep 2012	24	0	42	2	22	46	6041.69	1131	46
	WY 2012	**583**	**55**	**566**	**26**	**230**	**506**			**786**
	Oct 2012	36	0	41	2	6	28	6042.21	1137	28
	Nov 2012	34	0	26	1	0	21	6042.62	1141	21
	Dec 2012	25	0	20	1	0	30	6041.70	1131	30
	Jan 2013	22	0	18	1	0	31	6040.49	1118	31
	Feb 2013	30	0	27	1	0	27	6040.37	1117	27
	Mar 2013	92	3	83	1	2	22	6045.59	1175	22
	Apr 2013	170	15	134	2	18	21	6053.55	1268	21
	May 2013	277	37	200	4	32	30	6064.13	1401	30
	Jun 2013	224	31	180	4	48	95	6066.61	1434	95
	Jul 2013	66	6	73	5	53	25	6065.84	1424	25
	Aug 2013	45	2	61	4	45	33	6064.25	1403	33
	Sep 2013	43	0	55	3	26	31	6063.95	1399	31
	WY 2013	**1065**	**94**	**918**	**27**	**229**	**394**			**394**
	Oct 2013	47	1	50	2	7	31	6064.76	1410	31
	Nov 2013	34	1	32	1	0	30	6064.88	1411	30
	Dec 2013	25	0	25	1	0	31	6064.38	1405	31
	Jan 2014	22	0	22	1	0	31	6063.66	1395	31
	Feb 2014	30	0	30	1	0	28	6063.77	1397	28
	Mar 2014	92	3	84	2	2	31	6067.51	1446	31
	Apr 2014	170	15	135	3	18	60	6071.54	1502	60
	May 2014	277	37	216	4	32	200	6070.09	1482	200

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2012 24-Month Study

Most Probable Inflow*

Lake Powell

	Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry (1000 Ac-Ft)
*	Jun 2011	5203	4661	54	1377	0	1377	3648.98	5421	17089	1391
H	Jul 2011	3767	3195	74	1483	0	1483	3660.86	5542	18605	1502
I	Aug 2011	664	780	74	1479	0	1479	3655.34	5485	17890	1501
S	Sep 2011	456	669	67	922	0	922	3653.01	5461	17593	957
	WY 2011	**15971**	**15498**	**467**	**12518**	**0**	**12518**				**12731**
T	Oct 2011	513	630	45	956	0	956	3650.27	5434	17249	979
O	Nov 2011	506	530	43	1099	0	1099	3645.67	5388	16683	1104
R	Dec 2011	363	490	33	1223	0	1223	3639.75	5332	15974	1226
I	Jan 2012	356	503	10	852	0	852	3636.91	5305	15641	846
C	Feb 2012	342	460	11	653	0	653	3635.28	5290	15453	654
A	Mar 2012	560	625	19	600	0	600	3635.33	5290	15458	607
L	Apr 2012	764	689	29	606	0	606	3635.76	5294	15508	612
*	May 2012	792	770	35	601	0	601	3636.83	5304	15632	606
	Jun 2012	350	315	53	708	0	708	3633.24	5271	15219	708
	Jul 2012	100	258	62	889	0	889	3627.52	5220	14577	889
	Aug 2012	150	321	60	800	0	800	3622.95	5180	14079	800
	Sep 2012	218	339	54	476	0	476	3621.30	5166	13902	476
	WY 2012	**5013**	**5930**	**454**	**9463**	**0**	**9463**				**9507**
	Oct 2012	393	418	37	491	0	491	3620.34	5158	13800	491
	Nov 2012	473	454	35	600	0	600	3618.76	5144	13632	600
	Dec 2012	363	386	28	800	0	800	3614.84	5112	13223	800
	Jan 2013	361	385	9	800	0	800	3611.00	5080	12831	800
	Feb 2013	393	394	9	675	0	675	3608.33	5059	12563	675
	Mar 2013	665	563	15	600	0	600	3607.84	5055	12514	600
	Apr 2013	1056	837	24	600	0	600	3609.81	5071	12711	600
	May 2013	2343	1947	30	600	0	600	3621.57	5168	13930	600
	Jun 2013	2666	2232	51	800	0	800	3633.15	5270	15209	800
	Jul 2013	1091	965	63	840	0	840	3633.66	5275	15266	840
	Aug 2013	500	582	63	824	0	824	3631.17	5252	14984	824
	Sep 2013	408	515	57	600	0	600	3630.00	5242	14852	600
	WY 2013	**10711**	**9678**	**421**	**8230**	**0**	**8230**				**8230**
	Oct 2013	512	555	39	600	0	600	3629.29	5236	14774	600
	Nov 2013	473	504	38	600	0	600	3628.18	5226	14650	600
	Dec 2013	363	449	30	800	0	800	3624.97	5197	14298	800
	Jan 2014	361	466	9	800	0	800	3622.04	5172	13980	800
	Feb 2014	393	465	10	600	0	600	3620.78	5161	13846	600
	Mar 2014	665	640	17	600	0	600	3620.98	5163	13868	600
	Apr 2014	1056	942	27	600	0	600	3623.71	5186	14160	600
	May 2014	2343	2125	33	600	0	600	3636.04	5297	15541	600

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2012 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Glen Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Jun 2011	1377	72	57	939	15.8	25	938	761	1102.38	11705
H	Jul 2011	1483	74	73	1001	16.3	26	1000	789	1107.07	12133
I	Aug 2011	1479	96	80	831	13.5	28	829	827	1113.45	12730
S	Sep 2011	922	96	67	670	11.3	18	668	844	1116.04	12977
	WY 2011	**12518**	**1157**	**578**	**9799**		**225**	**9676**			
T	Oct 2011	956	66	49	443	7.2	20	436	875	1121.00	13456
O	Nov 2011	1099	36	50	564	9.5	13	561	906	1125.82	13933
R	Dec 2011	1223	84	45	497	8.1	9	482	952	1132.83	14644
I	Jan 2012	852	55	37	713	11.6	9	712	976	1134.18	15022
C	Feb 2012	653	44	34	775	13.5	10	775	969	1133.06	14907
A	Mar 2012	600	43	38	986	16.0	16	985	945	1129.41	14535
L	Apr 2012	606	46	46	1170	19.7	20	1163	909	1123.93	13986
*	May 2012	601	14	52	1007	16.4	31	1005	880	1119.38	13541
	Jun 2012	708	33	62	969	16.3	24	969	861	1116.33	13247
	Jul 2012	889	54	77	928	15.1	28	928	855	1115.44	13162
	Aug 2012	800	103	81	776	12.6	29	776	857	1115.61	13177
	Sep 2012	476	74	67	667	11.2	19	667	844	1113.61	12987
	WY 2012	**9463**	**653**	**638**	**9495**		**228**	**9460**			
	Oct 2012	491	49	48	387	6.3	21	387	849	1114.43	13066
	Nov 2012	600	46	49	605	10.2	19	605	848	1114.17	13040
	Dec 2012	800	108	42	469	7.6	16	469	871	1117.89	13397
	Jan 2013	800	78	35	698	11.4	16	698	879	1119.14	13518
	Feb 2013	675	98	32	708	12.7	15	708	880	1119.32	13536
	Mar 2013	600	78	36	1051	17.1	21	1051	854	1115.13	13132
	Apr 2013	600	76	43	1133	19.0	17	1133	822	1109.99	12646
	May 2013	600	64	49	1014	16.5	27	1014	796	1105.65	12245
	Jun 2013	800	33	58	949	16.0	23	949	784	1103.61	12060
	Jul 2013	840	54	72	940	15.3	25	940	775	1102.13	11926
	Aug 2013	824	103	76	847	13.8	27	847	774	1101.87	11903
	Sep 2013	600	74	63	659	11.1	19	659	770	1101.18	11841
	WY 2013	**8230**	**861**	**604**	**9461**		**247**	**9461**			
	Oct 2013	600	49	46	448	7.3	23	448	778	1102.57	11966
	Nov 2013	600	46	46	537	9.0	22	537	780	1102.98	12003
	Dec 2013	800	108	40	473	7.7	17	473	803	1106.88	12358
	Jan 2014	800	78	33	698	11.4	20	698	811	1108.17	12477
	Feb 2014	600	98	30	708	12.7	18	708	807	1107.58	12422
	Mar 2014	600	78	34	1051	17.1	24	1051	781	1103.14	12017
	Apr 2014	600	76	41	1133	19.0	20	1133	749	1097.70	11531
	May 2014	600	64	47	1014	16.5	31	1014	723	1093.13	11129

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2124

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2012 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Jun 2011	939	-9	25	954	0	954	16.0	642.27	1679
H	Jul 2011	1001	-10	25	943	0	943	15.3	643.11	1702
I	Aug 2011	831	-6	23	822	0	822	13.4	642.38	1682
S	Sep 2011	670	-6	18	717	0	717	12.1	639.73	1610
	WY 2011	**9799**	**-120**	**198**	**9446**	**0**	**9446**			
T	Oct 2011	443	7	15	611	0	611	9.9	633.03	1435
O	Nov 2011	564	-11	10	466	0	466	7.8	635.99	1511
R	Dec 2011	497	-28	9	385	0	385	6.3	638.82	1586
I	Jan 2012	713	-23	10	638	0	638	10.4	640.38	1628
C	Feb 2012	775	-18	10	726	0	726	12.6	641.20	1650
A	Mar 2012	986	-23	13	931	0	931	15.1	641.93	1670
L	Apr 2012	1170	-24	17	1091	0	1091	18.3	643.35	1708
*	May 2012	1007	-12	22	980	0	980	15.9	643.06	1700
	Jun 2012	969	-10	25	935	0	935	15.7	643.00	1699
	Jul 2012	928	-4	25	898	0	898	14.6	643.00	1699
	Aug 2012	776	-7	23	786	0	786	12.8	641.50	1658
	Sep 2012	667	0	18	742	0	742	12.5	638.00	1564
	WY 2012	**9495**	**-155**	**197**	**9189**	**0**	**9189**			
	Oct 2012	387	0	14	566	0	566	9.2	630.49	1371
	Nov 2012	605	-15	10	465	0	465	7.8	635.00	1486
	Dec 2012	469	-19	9	344	0	344	5.6	638.71	1583
	Jan 2013	698	-13	10	593	0	593	9.6	641.80	1666
	Feb 2013	708	-6	10	692	0	692	12.5	641.80	1666
	Mar 2013	1051	-14	13	990	0	990	16.1	643.05	1700
	Apr 2013	1133	-14	17	1104	0	1104	18.5	643.00	1699
	May 2013	1014	-14	22	978	0	978	15.9	643.00	1699
	Jun 2013	949	-10	25	941	0	941	15.8	642.00	1671
	Jul 2013	940	-4	25	923	0	923	15.0	641.50	1658
	Aug 2013	847	-7	23	818	0	818	13.3	641.50	1658
	Sep 2013	659	0	18	734	0	734	12.3	638.00	1564
	WY 2013	**9461**	**-118**	**196**	**9146**	**0**	**9146**			
	Oct 2013	448	0	15	563	0	563	9.2	633.00	1434
	Nov 2013	537	-15	10	461	0	461	7.7	635.00	1486
	Dec 2013	473	-19	9	347	0	347	5.6	638.71	1583
	Jan 2014	698	-13	10	593	0	593	9.6	641.80	1666
	Feb 2014	708	-6	10	692	0	692	12.5	641.80	1666
	Mar 2014	1051	-14	13	990	0	990	16.1	643.05	1700
	Apr 2014	1133	-14	17	1104	0	1104	18.5	643.00	1699
	May 2014	1014	-14	22	978	0	978	15.9	643.00	1699

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2012 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	Jun 2011	954	14	15	708	11.9	96	155	447.73	575	120	2.0
H	Jul 2011	943	34	17	762	12.4	100	77	448.22	584	127	2.1
I	Aug 2011	822	25	17	669	10.9	91	60	448.13	583	97	1.6
S	Sep 2011	717	30	15	538	9.0	83	102	448.28	585	91	1.5
	WY 2011	**9446**	**263**	**140**	**6837**		**963**	**1657**			**1634**	
T	Oct 2011	611	31	12	472	7.7	8	149	447.97	579	62	1.0
O	Nov 2011	466	37	9	321	5.4	7	175	447.32	567	93	1.6
R	Dec 2011	385	27	6	267	4.3	15	151	445.69	537	108	1.7
I	Jan 2012	638	12	6	382	6.2	54	187	446.61	554	131	2.1
C	Feb 2012	726	11	8	497	8.6	49	169	447.10	563	159	2.8
A	Mar 2012	931	9	9	711	11.6	21	187	447.23	565	187	3.0
L	Apr 2012	1091	25	11	785	13.2	97	180	449.13	602	183	3.1
*	May 2012	980	27	13	709	11.5	100	179	448.81	596	99	1.6
	Jun 2012	935	15	16	690	11.6	96	137	448.70	593	114	1.9
	Jul 2012	898	21	17	729	11.9	99	64	448.50	589	115	1.9
	Aug 2012	786	22	17	647	10.5	86	64	447.50	571	105	1.7
	Sep 2012	742	20	15	567	9.5	81	103	446.81	557	102	1.7
	WY 2012	**9189**	**257**	**140**	**6775**		**714**	**1745**			**1457**	
	Oct 2012	566	23	12	454	7.4	11	114	446.31	548	64	1.0
	Nov 2012	465	32	8	382	6.4	7	90	446.50	552	102	1.7
	Dec 2012	344	26	6	278	4.5	7	75	446.50	552	106	1.7
	Jan 2013	593	15	6	358	5.8	98	141	446.50	552	122	2.0
	Feb 2013	692	7	8	462	8.3	88	135	446.50	552	153	2.8
	Mar 2013	990	18	9	711	11.6	98	178	446.70	555	208	3.4
	Apr 2013	1104	19	11	798	13.4	95	172	448.70	593	200	3.4
	May 2013	978	18	13	695	11.3	98	178	448.70	593	111	1.8
	Jun 2013	941	15	16	677	11.4	95	155	448.70	593	112	1.9
	Jul 2013	923	21	17	731	11.9	98	98	448.00	580	118	1.9
	Aug 2013	818	22	17	624	10.2	98	97	447.50	571	92	1.5
	Sep 2013	734	20	15	527	8.9	68	147	446.81	557	89	1.5
	WY 2013	**9146**	**237**	**139**	**6698**		**860**	**1582**			**1477**	
	Oct 2013	563	23	12	445	7.2	21	110	446.31	548	72	1.2
	Nov 2013	461	32	8	376	6.3	21	77	446.50	552	105	1.8
	Dec 2013	347	26	6	284	4.6	22	56	446.50	552	118	1.9
	Jan 2014	593	15	6	358	5.8	98	141	446.50	552	122	2.0
	Feb 2014	692	7	8	462	8.3	88	135	446.50	552	153	2.8
	Mar 2014	990	18	9	711	11.6	98	178	446.70	555	208	3.4
	Apr 2014	1104	19	11	798	13.4	95	172	448.70	593	200	3.4
	May 2014	978	18	13	695	11.3	98	178	448.70	593	111	1.8

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2012 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Jun 2011	939	15.8	1102.38	11705	401	457.87	1661.0	372.1	100	396.2
H	Jul 2011	1001	16.3	1107.07	12133	429	462.21	1698.0	403.2	100	402.6
I	Aug 2011	831	13.5	1113.45	12730	597	469.04	1721.0	338.8	100	407.7
S	Sep 2011	670	11.3	1116.04	12977	247	473.88	1757.0	272.0	100	406.1
	WY 2011	**9799**							**3848.4**		
T	Oct 2011	443	7.2	1121.00	13456	479	478.70	1311.0	178.9	74	403.5
O	Nov 2011	564	9.5	1125.82	13933	477	481.61	1110.0	233.8	61	414.3
R	Dec 2011	497	8.1	1132.83	14644	711	488.04	1374.0	207.2	75	417.3
I	Jan 2012	713	11.6	1134.18	15022	139	485.97	1146.0	308.0	61	432.1
C	Feb 2012	775	13.5	1133.06	14907	-115	484.32	1282.0	338.6	68	436.7
A	Mar 2012	986	16.0	1129.41	14535	-372	481.45	1047.0	427.4	56	433.4
L	Apr 2012	1170	19.7	1123.93	13986	-548	475.07	1164.0	505.3	62	432.0
*	May 2012	1007	16.4	1119.38	13541	-445	471.90	1050.0	429.0	56	426.2
	Jun 2012	969	16.3	1116.33	13247	-295	464.07	1829.0	398.4	100	411.3
	Jul 2012	928	15.1	1115.44	13162	-85	462.13	1800.0	383.7	100	413.2
	Aug 2012	776	12.6	1115.61	13177	16	462.26	1799.0	320.3	100	413.0
	Sep 2012	667	11.2	1113.61	12987	-190	462.99	1785.0	271.5	100	406.9
	WY 2012	**9495**							**4002.3**		
	Oct 2012	387	6.3	1114.43	13066	78	466.88	1404.0	153.9	79	397.5
	Nov 2012	605	10.2	1114.17	13040	-25	471.11	1163.0	254.3	65	420.3
	Dec 2012	469	7.6	1117.89	13397	357	468.71	1411.0	193.0	78	411.2
	Jan 2013	698	11.4	1119.14	13518	121	468.96	1417.0	290.5	78	415.9
	Feb 2013	708	12.7	1119.32	13536	18	468.59	1426.0	298.8	79	422.3
	Mar 2013	1051	17.1	1115.13	13132	-404	466.18	1408.0	444.2	79	422.6
	Apr 2013	1133	19.0	1109.99	12646	-486	460.97	1412.0	480.6	80	424.3
	May 2013	1014	16.5	1105.65	12245	-401	455.41	1528.0	414.1	88	408.3
	Jun 2013	949	16.0	1103.61	12060	-185	451.28	1723.0	386.8	100	407.5
	Jul 2013	940	15.3	1102.13	11926	-134	450.02	1718.0	379.7	100	404.1
	Aug 2013	847	13.8	1101.87	11903	-23	449.32	1716.0	345.0	100	407.1
	Sep 2013	659	11.1	1101.18	11841	-62	449.99	1712.0	261.2	100	396.4
	WY 2013	**9461**							**3902.0**		
	Oct 2013	448	7.3	1102.57	11966	125	453.90	1493.0	178.0	87	397.5
	Nov 2013	537	9.0	1102.98	12003	38	458.81	1118.1	217.0	65	403.8
	Dec 2013	473	7.7	1106.88	12358	355	457.66	1342.3	190.9	78	404.0
	Jan 2014	698	11.4	1108.17	12477	119	458.01	1342.8	284.7	78	407.7
	Feb 2014	708	12.7	1107.58	12422	-55	457.28	1353.6	292.5	79	413.4
	Mar 2014	1051	17.1	1103.14	12017	-405	454.37	1354.4	434.0	79	412.8
	Apr 2014	1133	19.0	1097.70	11531	-487	448.89	1381.5	468.8	80	413.9
	May 2014	1014	16.5	1093.13	11129	-402	443.09	1516.5	403.7	88	398.0

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2012 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Jun 2011	954	16.0	642.27	1679	-48	140.41	249.9	120.6	98	126.4
H	Jul 2011	943	15.3	643.11	1702	23	143.18	255.0	119.3	100	126.5
I	Aug 2011	822	13.4	642.38	1682	-20	140.95	255.0	103.5	100	125.9
S	Sep 2011	717	12.1	639.73	1610	-72	137.99	255.0	90.2	100	125.8
	WY 2011	**9446**							**1182.3**		
T	Oct 2011	611	9.9	633.03	1435	-175	133.41	181.1	74.4	71	121.8
O	Nov 2011	466	7.8	635.99	1511	76	134.28	170.9	57.0	67	122.2
R	Dec 2011	385	6.3	638.82	1586	74	135.59	173.4	48.1	68	124.9
I	Jan 2012	638	10.4	640.38	1628	42	138.75	170.9	77.2	67	121.0
C	Feb 2012	726	12.6	641.20	1650	22	140.80	163.2	90.8	64	125.1
A	Mar 2012	931	15.1	641.93	1670	20	140.23	204.0	117.4	80	126.2
L	Apr 2012	1091	18.3	643.35	1708	39	142.08	249.9	147.4	98	135.2
*	May 2012	980	15.9	643.06	1700	-8	141.39	252.5	128.9	99	131.5
	Jun 2012	935	15.7	643.00	1699	-2	136.07	255.0	116.9	100	125.1
	Jul 2012	898	14.6	643.00	1699	0	136.04	255.0	112.7	100	125.4
	Aug 2012	786	12.8	641.50	1658	-41	135.25	255.0	98.5	100	125.3
	Sep 2012	742	12.5	638.00	1564	-94	132.62	255.0	91.4	100	123.2
	WY 2012	**9189**							**1160.7**		
	Oct 2012	566	9.2	630.49	1371	-193	128.32	204.0	67.6	80	119.4
	Nov 2012	465	7.8	635.00	1486	115	127.85	170.9	55.2	67	118.6
	Dec 2012	344	5.6	638.71	1583	97	131.72	183.6	42.4	72	123.2
	Jan 2013	593	9.6	641.80	1666	83	135.61	173.4	73.9	68	124.6
	Feb 2013	692	12.5	641.80	1666	0	136.23	204.0	86.5	80	125.0
	Mar 2013	990	16.1	643.05	1700	34	135.78	242.3	123.1	95	124.4
	Apr 2013	1104	18.5	643.00	1699	-2	136.07	255.0	137.1	100	124.3
	May 2013	978	15.9	643.00	1699	0	136.04	255.0	122.2	100	125.0
	Jun 2013	941	15.8	642.00	1671	-27	135.51	255.0	117.2	100	124.6
	Jul 2013	923	15.0	641.50	1658	-14	134.73	255.0	114.6	100	124.1
	Aug 2013	818	13.3	641.50	1658	0	134.46	255.0	101.8	100	124.5
	Sep 2013	734	12.3	638.00	1564	-94	132.62	255.0	90.4	100	123.2
	WY 2013	**9146**							**1132.0**		
	Oct 2013	563	9.2	633.00	1434	-130	129.17	219.3	67.9	86	120.5
	Nov 2013	461	7.7	635.00	1486	51	126.85	244.8	55.2	96	119.8
	Dec 2013	347	5.6	638.71	1583	97	130.29	229.5	42.7	90	123.2
	Jan 2014	593	9.6	641.80	1666	83	134.09	221.9	73.9	87	124.6
	Feb 2014	692	12.5	641.80	1666	0	136.08	209.1	86.5	82	125.0
	Mar 2014	990	16.1	643.05	1700	34	135.86	239.7	123.1	94	124.4
	Apr 2014	1104	18.5	643.00	1699	-2	136.07	255.0	137.1	100	124.3
	May 2014	978	15.9	643.00	1699	0	136.04	255.0	122.2	100	125.0

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2124

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2012 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Jun 2011	708	11.9	447.73	575	-18	81.68	114.0	49.9	95	70.4
H	Jul 2011	762	12.4	448.22	584	9	81.72	116.4	51.6	97	67.7
I	Aug 2011	669	10.9	448.13	583	-2	82.04	120.0	46.1	100	68.9
S	Sep 2011	538	9.0	448.28	585	3	82.16	120.0	39.4	100	73.2
	WY 2011	**6837**							**474.2**		
T	Oct 2011	472	7.7	447.97	579	-6	81.92	92.4	31.5	77	66.8
O	Nov 2011	321	5.4	447.32	567	-12	80.93	102.0	22.1	85	69.1
R	Dec 2011	267	4.3	445.69	537	-30	81.08	67.2	17.7	56	66.2
I	Jan 2012	382	6.2	446.61	554	17	80.68	67.2	25.6	56	67.1
C	Feb 2012	497	8.6	447.10	563	9	80.85	94.8	35.1	79	70.7
A	Mar 2012	711	11.6	447.23	565	2	81.75	97.2	48.8	81	68.6
L	Apr 2012	785	13.2	449.13	602	36	83.37	120.0	54.1	100	69.0
*	May 2012	709	11.5	448.81	596	-6	81.37	111.6	49.6	93	69.9
	Jun 2012	690	11.6	448.70	593	-2	76.11	120.0	45.9	100	66.5
	Jul 2012	729	11.9	448.50	589	-4	75.95	120.0	48.5	100	66.5
	Aug 2012	647	10.5	447.50	571	-19	75.37	120.0	42.6	100	65.8
	Sep 2012	567	9.5	446.81	557	-13	74.55	120.0	36.8	100	65.0
	WY 2012	**6775**							**458.4**		
	Oct 2012	454	7.4	446.31	548	-9	74.77	102.0	29.3	85	64.6
	Nov 2012	382	6.4	446.50	552	3	74.62	102.0	24.5	85	64.1
	Dec 2012	278	4.5	446.50	552	0	74.71	102.0	17.4	85	62.8
	Jan 2013	358	5.8	446.50	552	0	74.71	102.0	22.8	85	63.8
	Feb 2013	462	8.3	446.50	552	0	73.92	120.0	29.7	100	64.2
	Mar 2013	711	11.6	446.70	555	4	74.01	120.0	46.2	100	64.9
	Apr 2013	798	13.4	448.70	593	38	75.08	120.0	52.7	100	66.0
	May 2013	695	11.3	448.70	593	0	76.05	120.0	46.2	100	66.5
	Jun 2013	677	11.4	448.70	593	0	76.05	120.0	45.0	100	66.5
	Jul 2013	731	11.9	448.00	580	-13	75.71	120.0	48.4	100	66.3
	Aug 2013	624	10.2	447.50	571	-10	75.13	120.0	40.9	100	65.5
	Sep 2013	527	8.9	446.81	557	-13	74.55	120.0	34.2	100	64.8
	WY 2013	**6698**							**437.5**		
	Oct 2013	445	7.2	446.31	548	-9	74.77	102.0	28.7	85	64.6
	Nov 2013	376	6.3	446.50	552	3	74.62	102.0	24.1	85	64.1
	Dec 2013	284	4.6	446.50	552	0	74.71	102.0	17.9	85	62.9
	Jan 2014	358	5.8	446.50	552	0	74.71	102.0	22.8	85	63.8
	Feb 2014	462	8.3	446.50	552	0	73.92	120.0	29.7	100	64.2
	Mar 2014	711	11.6	446.70	555	4	74.01	120.0	46.2	100	64.9
	Apr 2014	798	13.4	448.70	593	38	75.08	120.0	52.7	100	66.0
	May 2014	695	11.3	448.70	593	0	76.05	120.0	46.2	100	66.5

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2124

Processed On: 6/13/2012 10:49:32AM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2012 24-Month Study

Most Probable Inflow*

Upper Basin Power

	Date	Glen Canyon 1000 MWHR	Flaming Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Reservoir 1000 MWHR	Fontenelle Reservoir 1000 MWHR
*	Jun 2011	634	98	36	61	23	5
H	Jul 2011	708					
I	Aug 2011	706	60	39	44	22	8
S	Sep 2011	442	58	34	41	22	6
	Summer 2011	**3425**	**386**	**179**	**248**	**111**	**30**
T	Oct 2011	446	48	28	33	18	5
O	Nov 2011	508	34	11	13	7	2
R	Dec 2011	563	43	25	30	17	6
I	Jan 2012	388	58	15	18	10	5
C	Feb 2012	295	54	9	12	2	4
A	Mar 2012	275	62	9	12	6	4
	Winter 2012	**2475**	**300**	**97**	**117**	**61**	**26**
L	Apr 2012	276	47	16	22	14	4
*	May 2012	276	61	19	28	17	4
	Jun 2012	299	28	23	30	14	6
	Jul 2012	373	22	31	39	19	8
	Aug 2012	332	22	28	37	18	7
	Sep 2012	196	22	21	29	15	6
	Summer 2012	**1753**	**202**	**138**	**185**	**96**	**35**
	Oct 2012	202	22	12	18	9	6
	Nov 2012	246	22	4	7	4	5
	Dec 2012	327	22	5	7	4	5
	Jan 2013	324	22	5	7	4	5
	Feb 2013	271	20	4	6	4	4
	Mar 2013	240	30	5	8	5	4
	Winter 2013	**1610**	**139**	**35**	**54**	**31**	**29**
	Apr 2013	241	29	8	15	9	5
	May 2013	244	47	33	52	23	7
	Jun 2013	333	84	10	20	16	9
	Jul 2013	354	35	26	34	19	10
	Aug 2013	347	35	31	38	20	8
	Sep 2013	252	34	28	35	18	7
	Summer 2013	**1771**	**265**	**137**	**194**	**104**	**45**
	Oct 2013	251	35	15	20	10	7
	Nov 2013	251	34	7	9	5	6
	Dec 2013	333	35	13	17	9	6
	Jan 2014	331	35	19	24	12	6
	Feb 2014	247	32	16	21	11	5
	Mar 2014	247	46	13	17	9	5
	Winter 2014	**1413**	**171**	**71**	**91**	**48**	**29**
	Apr 2014	248	45	16	23	13	5
	May 2014	251	52	33	50	23	7

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2124

Processed On: 6/13/2012 10:49:32AM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2012 24-Month Study

Most Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions

Date	Flaming George KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Total KAF	Flaming George KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****EFFECTIVE SPACE****										
Jun 2012	758	303	393	8690	10144	13836	23980	132	-126	15	21	8690	13836	22547	1500	969	0	36.2
Jul 2012	661	335	413	9103	10513	14130	24643	24	-90	-13	-80	9103	14130	23154	1500	928	0	35.3
								****CREDITABLE SPACE****										
Aug 2012	654	415	476	9745	11290	14215	25506	654	415	476	1545	9745	14215	25506	1500	776	0	34.6
Sep 2012	677	479	537	10243	11936	14200	26135	677	479	537	1693	10243	14200	26135	2270	667	0	34.0
Oct 2012	709	529	565	10420	12223	14390	26613	709	529	565	1803	10420	14390	26613	3040	387	0	33.7
Nov 2012	727	547	559	10522	12355	14311	26667	727	547	559	1833	10522	14311	26667	3810	605	0	33.7
Dec 2012	740	533	555	10690	12518	14337	26855	740	533	555	1828	10690	14337	26855	4580	469	0	33.7
Jan 2013	769	526	565	11099	12959	13980	26938	769	526	565	1860	11099	13980	26938	5350	698	0	33.5
								****EFFECTIVE SPACE****										
Jan 2013	769	526	565	11099	12959	13980	26938	432	435	463	1329	11099	13980	26408	5350	698	0	33.5
Feb 2013	793	520	578	11491	13382	13859	27241	453	428	475	1357	11491	13859	26707	1500	708	0	33.2
Mar 2013	807	512	579	11759	13658	13841	27499	464	422	476	1362	11759	13841	26962	1500	1051	0	32.9
Apr 2013	792	496	521	11808	13617	14245	27862	444	405	415	1264	11808	14245	27317	1500	1133	0	32.8
May 2013	745	454	428	11611	13238	14731	27969	391	358	302	1050	11611	14731	27392	1500	1014	0	34.0
Jun 2013	640	372	295	10392	11698	15132	26830	274	255	132	661	10392	15132	26185	1500	949	0	35.5
Jul 2013	493	175	262	9113	10043	15317	25359	114	30	47	191	9113	15317	24621	1500	940	0	35.5
								****CREDITABLE SPACE****										
Aug 2013	398	148	272	9056	9874	15451	25325	398	148	272	818	9056	15451	25325	1500	847	0	35.1
Sep 2013	420	179	293	9338	10230	15474	25703	420	179	293	892	9338	15474	25703	2270	659	0	34.6
Oct 2013	469	227	297	9470	10463	15536	25999	469	227	297	994	9470	15536	25999	3040	448	0	34.5
Nov 2013	514	238	286	9548	10586	15411	25998	514	238	286	1038	9548	15411	25998	3810	537	0	34.4
Dec 2013	559	230	285	9672	10746	15374	26119	559	230	285	1074	9672	15374	26119	4580	473	0	34.4
Jan 2014	622	248	291	10024	11186	15019	26205	622	248	291	1161	10024	15019	26205	5350	698	0	34.2
								****EFFECTIVE SPACE****										
Jan 2014	622	248	291	10024	11186	15019	26205	267	248	165	680	10024	15019	25723	5350	698	0	34.2
Feb 2014	679	287	301	10342	11609	14900	26509	323	287	173	783	10342	14900	26025	1500	708	0	34.0
Mar 2014	724	318	299	10476	11817	14955	26771	365	318	171	854	10476	14955	26284	1500	1051	0	33.6
Apr 2014	751	325	250	10454	11779	15360	27139	389	325	118	831	10454	15360	26645	1500	1133	0	33.6
May 2014	745	305	194	10162	11406	15846	27252	377	305	42	724	10162	15846	26732	1500	1014	0	34.7

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2124

Processed On: 6/13/2012 10:49:32AM

July 24-Month Study
Date: July 10, 2012

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

Reservoir	June Inflow (unregulated) (acre-feet)	Percent of Average (%)	July 9 Midnight Elevation (feet)	Reservoir Storage (acre-feet)
Fontenelle	189,000	63	6502.32	317,000
Flaming Gorge	188,000	48	6023.53	3,106,000
Blue Mesa	45,000	17	7474.48	467,000
Navajo	20,000	9	6050.04	1,226,000
Powell	354,000	13	3632.19	15,100,000

Expected Operations

The operation of Lake Powell and Lake Mead in this July 2012 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines), and reflects the 2012 Annual Operating Plan (AOP). Pursuant to the Interim Guidelines, the August 2011 24-Month Study projections of the January 1, 2012 system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2012.

Consistent with Section 6.A of the Interim Guidelines, the Lake Powell operational tier for water year 2012 is the Equalization Tier. The July 2012 24-Month Study projects the water year release volume from Lake Powell for 2012 to be 9.46 maf.

Consistent with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar year 2012.

The Interim Guidelines are available for download at
http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The 2012 AOP is available for download at
http://www.usbr.gov/lc/region/g4000/aop/AOP12.pdf.

Fontenelle Reservoir – Inflows to Fontenelle Reservoir for the month of June were 189 kaf, or 63% of average. The reservoir elevation is 6502.4 feet above sea level and 92% of capacity and is slowly increasing. Current inflows are approximately 1,400 cfs and reservoir releases are 1,100 cfs. Releases will likely remain near 1,100 cfs through the remainder of the summer months.

The Colorado Basin River Forecast Center and Natural Resources Conservation Service have issued the July coordinated forecast for the April to July 2012 runoff season to be 480 kaf, or 66% of average. Inflows over the next three months are forecasted by the River Forecast Center to be: 60 kaf (34%), 38 kaf (49%) and 35 kaf (76%) for July, August, and September respectively.

The spring Fontenelle Working Group meeting was held on April 26, 2012 at Seedskadee National Wildlife Refuge. Minutes from the meeting are posted on the Working Group webpages. The next Fontenelle Working Group meeting is scheduled for August 23, 2012 at 10:00 am at the Joint Power's Water Board treatment plant boardroom in Green River, Wyoming. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir.

Flaming Gorge Reservoir – Unregulated inflow into Flaming Gorge Reservoir during the month of June was 188,000 acre-feet, or 48 percent of average. The reservoir elevation is 6023.5 feet. Flaming Gorge Reservoir is releasing an average daily rate of 1,403 cubic feet per second (cfs), and scheduled to release 1,400 to 1,500 cfs through August. The current scheduled for September releases are 1,300 cfs on average, with winter releases dropping between 800-850 cfs between October through February.

July Flaming Gorge hourly release pattern:

Midnight - 6am: 817 cfs
6am - 5pm: 1,463 cfs
5pm - 11pm: 1,894 cfs
11pm - midnight: 1,302 cfs.

The Colorado Basin River Forecast Center and Natural Resources Conservation Service have issued the joint water supply forecast for the April-July runoff season. The July forecast for April-July unregulated inflow volume into Flaming Gorge Reservoir is 540,000 acre-feet (55% of average). The unregulated inflow volumes and percent of average for July, August, and September are forecasted to be 60 kaf (29%), 38 kaf (43%), and 37 kaf (67%), respectively.

The May forecast for April-July unregulated inflow volume into Flaming Gorge Reservoir was 630,000 acre-feet (64 percent of average), which corresponds to a moderately dry classification. However, in accordance with the flexibility written into the 2006 Record of Decision, the hydrologic classification has been designated as dry

because of the extremely dry conditions on the Yampa River. The Green River at Jensen, Utah spring peak target under the dry hydrologic classification is flows of at least 8,300 cfs for a minimum of two days except in extremely dry years. Flows at Jensen, Utah were above 8,300cfs for five days in June.

The Upper Colorado River Endangered Fish Recovery Program (Recovery Program) this year requested spring releases timed with the emergence of larval endangered razorback sucker in the upper and middle Green River below Flaming Gorge Dam. In order to meet this request, releases from Flaming Gorge reservoir were increased to 7,400cfs for two days in June with a total of five days of bypass releases (above powerplant capacity of 4,600cfs).

The next Flaming Gorge Working Group meeting is scheduled for August 22, 2012, at 1:00 p.m. at the Western Park Convention Center, 302 East 200 South, Vernal, Utah. The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stake holders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations and plans presented by Reclamation at these meetings. For more information on this group and these meetings please contact Ed Vidmar at 801-379-1182.

Aspinall Unit Reservoirs – June unregulated inflow into Blue Mesa Reservoir was 44,500 acre-feet or 17 percent of average. Hydrologic conditions in the basin continued to be very dry during June. Precipitation during April, May and June was 50, 25 and 15 percent of average respectively. The basin snowpack has for the most part has been totally depleted. The current inflow rate into Blue Mesa Reservoir is about 600 cfs while reservoir releases are averaging about 1,500 cfs. For the last couple of months, reservoir inflows have been slowly decreasing in response to the snowpack melt out. Blue Mesa Reservoir present elevation is 7474.66 feet, which corresponds to a storage content of about 468,000 acre-feet.

The latest Water Supply Forecast for Water Year 2012 has been issued and the April through July unregulated inflow is forecasted to be at 196,000 acre-feet (29% of average). This is same runoff volume as from last month's forecast. Based on this runoff forecast and the current elevation of Blue Mesa Reservoir, the reservoir is not expected to fill nor is it expected to gain any further elevation raise this year until winter. This year's high was recorded on April 13th when the reservoir reached elevation 7485.02 feet.

Releases from Crystal are currently set at 1500 cfs. The Gunnison Diversion Tunnel is diverting about 1,000 cfs, which results in a river flow below the diversion tunnel of approximately 500 cfs. These rates will most likely change as conditions warrant, primarily as we respond to changes at the Whitewater gage as flows prescribed in the Aspinall Unit Operations Record of Decision (ROD). The ROD calls for keeping flows at the Whitewater gage at or above 900 cfs.

The next meeting of the "Aspinall Unit Working Group" will be held on Thursday, August 9, 2012 starting at 1:00 PM at the Elk Creek Visitors Center at Blue Mesa Reservoir. At this meeting, review of this spring's reservoir operations, and plans for this summer and fall operations will be discussed. These meetings are open forum discussions on the Aspinall Unit reservoir operations with many interested groups participating. Anyone needing further information about these meetings should contact Dan Crabtree in the Grand Junction Area Office at (970) 248-0652.

Navajo Reservoir – Unregulated inflow into Navajo Reservoir during the month of June was 20,000 acre-feet, or 9 % of average. The reservoir elevation is 6050.13 feet above sea level and 72% of capacity. Current inflows are approximately 900 cfs and reservoir releases are 800 cfs. Diversions for NIIP are about 600cfs. Basin snowpack peaked on March 9th, approximately four weeks early, at 83% of average. Current snowpack above Navajo Reservoir is essentially gone, with only typical summer type snow banks in some areas.

Releases are made for the authorized purposes of the Navajo Unit, and to attempt to maintain a target flows through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell). A 7-day spring peak release of 5,000 cfs was achieved during the week of May 21st through June1st. At the end of the peak release period, the release returned to 500 cfs. The goal of the Navajo spring peak release is to match the timing of the peak of the Animas River in Farmington.

The Colorado Basin River Forecast Center and Natural Resources Conservation Service have issued the July coordinated forecast for inflows to Navajo during the April to July 2012 runoff season. As conditions become drier, the forecast continues to decrease. Unregulated inflows are forecasted to be 305 kaf, or 41% of average. This forecast decreased by 25,000 acre-feet or a 8% reduction from last month's official forecast. Unregulated inflows over the next three months are forecasted by the River Forecast Center to be: 5 kaf (8%), 13 kaf (29%) and 20 kaf (47%) for July, August and September, respectively.

A public meeting on Navajo Reservoir operations is scheduled for Tuesday, August 21, 2012 at 1:00 PM at the Civic Center in Farmington, New Mexico (200 West Arrington Street). At this meeting, review of this spring's reservoir operations, and plans for this summer and fall operations will be discussed. These meetings are open forum discussions on the operation of Navajo Reservoir with many interested groups participating. Anyone interested in the general operation of the reservoir is encouraged to attend. Please contact Ryan Christianson in Reclamation's Durango, Colorado Office at (970) 385-6590 for information about these meetings or the daily operation of Navajo Reservoir.

Glen Canyon Dam / Lake Powell – The monthly unregulated inflow volume to Lake Powell for June was 353 thousand acre-feet (kaf) (13% of average). This was very nearly

equal to the forecasted unregulated inflow volume at the beginning of June which was 350 kaf. The release volume from Glen Canyon Dam in June was 709 kaf which was 1 kaf above what was scheduled for release during the month. The end of June elevation and storage of Lake Powell was 3633.90 feet (66.10 feet from full pool) and 15.29 maf (62.9% of full capacity).

The Water Supply Forecast for Lake Powell (April through July Unregulated Inflow Volume) was updated for July and remained the same as it was in June at 2.01 maf (28% of average). For the Water Supply period, 2012 will most likely be the third driest year on record since the closure of Glen Canyon Dam in 1963. Only 1977 and 2002 will have had lower April-July unregulated inflow volumes to Lake Powell than what is most likely to occur in 2012.

Current Dam Operations

In August 2011, pursuant to the Interim Guidelines, the Operating Tier for Glen Canyon Dam was established to be the Equalization Tier. Under the Equalization Tier when conditions dry out as they have this year, the minimum annual release from Lake Powell can generally be as low as 8.23 maf. However, water year 2011 was a very wet Equalization year and not all of the Equalization release volume for 2011 could be achieved by September 30, 2011. As a result, 1.233 maf of the 2011 Equalization release volume was actually released after the end of water year 2011. This increased the minimum release volume for water year 2012 under Equalization to 9.463 maf. Under the dry hydrologic conditions currently projected for Lake Powell, the water year 2012 release volume is projected to be at this minimum Equalization level of 9.463 maf. As hydrologic conditions for Lake Powell and Lake Mead change throughout the year, Reclamation will adjust operations of Glen Canyon Dam to release the appropriate annual volume during 2012 to achieve Equalization objectives as practicably as possible by September 30, 2012.

Releases from Glen Canyon Dam are now averaging about 14,500 cfs with fluctuations for power generation throughout the day that peak near 18,000 cfs in the afternoons and with early morning low level releases are about 10,000 cfs and this operation is consistent with the Glen Canyon Operating Criteria (Federal Register, Volume 62, No. 41, March 3, 1997). The release volume for July is scheduled to be 889 kaf and this volume is elevated slightly in order to target a release volume in August of 800 kaf under the 2012 Hydrograph that was approved by the Secretary of the Interior. In August, fluctuations are projected to peak near 17,000 cfs during the afternoons with early morning low releases near 9,000 cfs. In September and October, as part of the 2008 FONSI, releases from Glen Canyon Dam will be steady for a steady flow experiment. The targeted release rate for September and October of 2012 is 8,000 cfs.

In addition to daily scheduled fluctuations for power generation, the instantaneous releases from Glen Canyon Dam may also fluctuate to provide 40 MW of system regulation. These instantaneous release adjustments stabilize the electrical generation and transmission system and translate to a range of about 1100 cfs above or below the

hourly scheduled release rate. Typically, fluctuations for system regulation are very short lived and balance out over the hour and do not have noticeable impacts on downstream river flow conditions.

Releases from Glen Canyon Dam can also fluctuate beyond scheduled fluctuations for power generation when called upon as a partner that shares reserve requirements within the electrical generator community (i.e. balancing area). There are many generators that supply electricity to the transmission system within the balancing area. At times, a participating generator may experience operating conditions such that it cannot make its scheduled delivery of electricity to the system (i.e. unscheduled outage). To provide system reliability, all participating electricity generators within the balancing area maintain a specified level of generation capacity (i.e. reserves) that can be called upon when an unscheduled outage occurs. Glen Canyon Dam typically maintains 113 MW of reserves for this purpose.

Reserve agreements allow the controllers of the balancing area to call upon Glen Canyon Dam to produce up to an additional 113 MW of electricity beyond what is originally scheduled for a given hour. Reserve calls can be maintained for a maximum of 2 hours after which time the generation rate should be returned to the original schedule. The 113 MW reserve requirement for Glen Canyon Dam translates to approximately 2,800 cfs of flow in the river. When the balancing area controllers call for reserve generation from Glen Canyon Dam, releases from the dam can exceed scheduled levels and have a noticeable impact on the river downstream from Glen Canyon Dam. But these calls for reserves are fairly infrequent and typically are for much less than the required level of 113 MW.

Current Inflow Forecasts and Model Projections

Over the next three months (July, August and September) the forecasted unregulated inflow volume to Lake Powell is projected to be 100 kaf (9% of average), 150 kaf (30% of average) and 200 kaf (49% of average), respectively. These percent of averages are all based on the historic period from 1981 through 2010. The most probable (i.e. 50% likely to be exceeded) unregulated inflow volume for WY2012 is projected to be 5.0 maf (46% of average). Comparing this projected water year unregulated inflow volume to the driest year on record (2002) in which the unregulated inflow volume was only 2.64 maf (24% of average), water year 2012 will likely be very dry, yet not nearly as dry as conditions were in 2002. The currently projected water year unregulated inflow volume of 5.0 maf would rank as the 3rd driest year on record since the closure of Glen Canyon Dam (1963).

The annual release volume from Glen Canyon Dam will likely be 9.463 maf and the elevation of Lake Powell at the end of WY2012 is projected to be 3622.6 feet above sea level which is 77.4 feet from the full pool elevation of 3700 feet. This elevation corresponds to a live storage volume of 14.04 maf (58 % of full capacity). These projections are based on conditions in the July 24-Months Study

Upper Colorado River Basin Hydrology

Since water year 2005, hydrologic conditions in the Upper Colorado River Basin have been near average with significant variability from year to year. The unregulated inflow to Lake Powell, which is a good measure of the hydrologic condition in the Colorado River Basin, has averaged a water year volume of 10.98 maf (101% of average (period 1981-2010)) during the period from 2005 through 2011. The hydrologic variability during this period has been from a low water year unregulated inflow volume of 8.62 maf (80% of average) in water year 2006 to a high water year unregulated inflow volume of 15.97 maf (147% of average) which occurred in water year 2011.

Overall reservoir storage in the Colorado River Basin has increased by over 8 maf since the beginning of water year 2005 and this is a significant improvement over the drought conditions during water years 2000 through 2004. On October 1, 2004, the beginning of water year 2005, the total reservoir storage in the Colorado River Basin was 29.84 maf (50.2% of capacity). On October 1, 2011, the beginning of water year 2012, the total reservoir storage in the Colorado River Basin was 38.66 maf (64.8% of capacity). As of July 8, 2012 the total reservoir storage in the Colorado River Basin was 35.80 maf (60.0% of capacity).

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-430
125 SOUTH STATE STREET, ROOM 6107
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-3709

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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:	Obs			jun	Forecast			Outlook	
:	mar	apr	may	jun %Avg	jul	aug	sep	apr-jul	%Avg
GLDA3:Lake Powell	560	764	792	354 13%:	100/	150/	200/	2010/:	28%
GBRW4:Fontenelle	64	98	130	189 63%:	60/	38/	35/	480/:	66%
GRNU1:Flaming Gorge	104	136	153	188 48%:	60/	38/	37/	540/:	55%
BMDC2:Blue Mesa	40	57	74	45 17%:	20/	25/	20/	196/:	29%
MPSC2:Morrow Point	43	64	80	45 16%:	20/	25/	22/	209/:	28%
CLSC2:Crystal	49	71	86	49 16%:	22/	28/	25/	228/:	27%
TPIC2:Taylor Park	6.1	10.1	15.5	8.9 21%:	5/	4/	3.8/	40/:	40%
VCRC2:Vallecito	12.3	36	42	17.1 24%:	9/	9/	10/	104/:	54%
NVRN5:Navajo	74	149	131	20 9%:	5/	13/	20/	305/:	41%
LEMC2:Lemon	2.6	12.1	13.7	3.9 19%:	2/	2/	2.2/	32/:	58%
MPHC2:McPhee	22	53	46	11.5e 15%:	4/	8/	7/	115/:	39%
RBSC2:Ridgway	5.8	9.1	15.7	12.3 31%:	6.5/	5.5/	5.2/	44/:	44%
:									

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2012 24-Month Study

Most Probable Inflow*

Fontenelle Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jul 2011	539	2	110	313	424	6498.87	290
H	Aug 2011	118	2	88	1	89	6502.38	317
I	Sep 2011	49	2	66	0	66	6499.90	298
	WY 2011	**1581**	**14**	**801**	**747**	**1549**		
S	Oct 2011	50	1	56	18	74	6496.55	273
T	Nov 2011	46	1	22	49	71	6492.84	247
O	Dec 2011	35	1	74	0	74	6486.86	207
R	Jan 2012	32	1	74	0	74	6479.61	165
I	Feb 2012	30	0	69	0	69	6471.56	126
C	Mar 2012	64	0	67	0	67	6470.82	123
A	Apr 2012	98	1	60	0	60	6478.72	160
L	May 2012	130	1	61	0	62	6489.92	227
*	Jun 2012	189	2	83	16	99	6502.11	315
	Jul 2012	60	3	67	0	67	6500.89	306
	Aug 2012	38	2	62	0	62	6497.43	280
	Sep 2012	35	2	60	0	60	6493.76	254
	WY 2012	**807**	**15**	**753**	**84**	**836**		
	Oct 2012	41	1	61	0	61	6490.61	232
	Nov 2012	39	1	60	0	60	6487.31	211
	Dec 2012	32	1	61	0	61	6482.42	180
	Jan 2013	30	1	61	0	61	6476.48	149
	Feb 2013	28	0	56	0	56	6470.30	120
	Mar 2013	53	0	61	0	61	6468.07	111
	Apr 2013	85	1	83	0	83	6468.64	113
	May 2013	164	1	98	6	104	6480.94	172
	Jun 2013	299	2	103	65	167	6500.38	302
	Jul 2013	178	3	101	33	134	6505.66	343
	Aug 2013	77	2	88	0	88	6503.98	330
	Sep 2013	46	2	70	0	70	6500.65	304
	WY 2013	**1071**	**15**	**902**	**104**	**1006**		
	Oct 2013	49	1	72	0	72	6497.40	280
	Nov 2013	42	1	69	0	69	6493.48	252
	Dec 2013	32	1	72	0	72	6487.43	211
	Jan 2014	30	1	72	0	72	6480.47	169
	Feb 2014	28	0	74	0	74	6470.84	123
	Mar 2014	53	0	76	0	76	6465.01	99
	Apr 2014	85	1	89	0	89	6463.91	95
	May 2014	164	1	95	27	122	6473.69	135
	Jun 2014	299	2	100	72	171	6494.85	261

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2012 24-Month Study

Most Probable Inflow*

Flaming Gorge Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	Jul 2011	771	656	14	263	94	357	144	6036.07	3590	905
H	Aug 2011	144	115	13	148	0	148	142	6034.95	3544	246
I	Sep 2011	58	76	11	144	0	144	139	6033.03	3467	200
	WY 2011	**2414**	**2381**	**80**	**1661**	**314**	**1975**				**5234**
S	Oct 2011	74	97	7	120	0	121	138	6032.27	3437	187
T	Nov 2011	64	89	4	88	0	88	138	6032.21	3435	144
O	Dec 2011	38	77	2	108	0	108	137	6031.41	3404	146
R	Jan 2012	45	87	2	148	0	148	134	6029.85	3343	187
I	Feb 2012	47	86	2	140	0	140	132	6028.43	3289	186
C	Mar 2012	104	107	3	162	0	162	130	6026.95	3233	285
A	Apr 2012	136	98	5	122	0	122	129	6026.21	3205	331
L	May 2012	153	85	8	159	19	178	125	6023.57	3108	385
*	Jun 2012	188	98	10	87	0	87	125	6023.59	3108	156
	Jul 2012	60	67	13	92	0	92	124	6022.57	3071	92
	Aug 2012	38	62	12	92	0	92	122	6021.44	3031	92
	Sep 2012	37	62	10	77	0	77	121	6020.73	3005	77
	WY 2012	**984**	**1013**	**79**	**1396**	**20**	**1415**				**2269**
	Oct 2012	46	67	7	61	0	61	121	6020.68	3004	61
	Nov 2012	46	66	3	52	0	52	121	6020.98	3014	52
	Dec 2012	35	64	2	54	0	54	122	6021.22	3023	54
	Jan 2013	40	72	2	54	0	54	122	6021.65	3038	54
	Feb 2013	45	72	2	49	0	49	123	6022.23	3059	49
	Mar 2013	102	111	3	52	0	52	125	6023.72	3113	52
	Apr 2013	134	131	5	51	0	51	128	6025.68	3185	51
	May 2013	245	185	8	129	0	129	130	6026.94	3233	129
	Jun 2013	390	258	10	230	0	230	131	6027.39	3249	230
	Jul 2013	210	166	13	92	0	92	133	6028.92	3308	92
	Aug 2013	89	100	13	92	0	92	133	6028.79	3303	92
	Sep 2013	55	79	11	89	0	89	132	6028.25	3282	89
	WY 2013	**1436**	**1371**	**78**	**1005**	**0**	**1005**				**1005**
	Oct 2013	59	82	7	92	0	92	131	6027.81	3265	92
	Nov 2013	51	78	3	89	0	89	131	6027.45	3252	89
	Dec 2013	35	74	2	92	0	92	130	6026.95	3233	92
	Jan 2014	40	82	2	92	0	92	130	6026.63	3221	92
	Feb 2014	45	91	2	83	0	83	130	6026.77	3226	83
	Mar 2014	102	126	3	126	0	126	130	6026.68	3223	126
	Apr 2014	134	137	5	122	0	122	130	6026.94	3233	122
	May 2014	245	204	8	143	0	143	132	6028.29	3284	143
	Jun 2014	390	262	10	224	0	224	133	6028.99	3310	224

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2012 24-Month Study

Most Probable Inflow*

Taylor Park Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jul 2011	37	39	9325.07	96
H	Aug 2011	12	24	9318.44	84
I	Sep 2011	7	20	9310.68	71
	WY 2011	**179**	**181**		
S	Oct 2011	7	9	9309.52	69
T	Nov 2011	5	6	9309.15	69
O	Dec 2011	4	6	9307.93	67
R	Jan 2012	4	5	9307.37	66
I	Feb 2012	4	4	9307.22	66
C	Mar 2012	6	4	9308.28	67
A	Apr 2012	10	4	9311.81	73
L	May 2012	16	8	9316.40	81
*	Jun 2012	9	15	9312.87	75
	Jul 2012	5	16	9305.89	64
	Aug 2012	4	18	9295.71	50
	Sep 2012	4	12	9288.66	41
	WY 2012	**78**	**107**		
	Oct 2012	5	6	9287.26	40
	Nov 2012	4	5	9287.05	40
	Dec 2012	5	5	9287.22	40
	Jan 2013	4	5	9287.08	40
	Feb 2013	4	5	9286.40	39
	Mar 2013	4	5	9286.35	39
	Apr 2013	9	5	9290.32	43
	May 2013	28	8	9305.82	63
	Jun 2013	42	15	9321.75	90
	Jul 2013	20	18	9322.90	92
	Aug 2013	10	20	9317.58	83
	Sep 2013	7	16	9312.53	74
	WY 2013	**143**	**110**		
	Oct 2013	7	10	9310.47	71
	Nov 2013	5	6	9309.91	70
	Dec 2013	5	6	9309.07	68
	Jan 2014	4	6	9308.01	67
	Feb 2014	4	6	9306.57	65
	Mar 2014	4	6	9305.53	63
	Apr 2014	9	6	9307.36	66
	May 2014	28	14	9316.12	80
	Jun 2014	42	21	9327.29	101

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Managing Water in the West

July 2012 24-Month Study

Most Probable Inflow*

Blue Mesa Reservoir

	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jul 2011	222	222	2	150	0	150	7516.80	806
H	Aug 2011	67	79	1	123	0	123	7511.67	760
I	Sep 2011	35	48	1	108	0	108	7504.54	699
	WY 2011	**1162**	**1163**	**8**	**1046**	**19**	**1065**		
S	Oct 2011	36	38	1	93	0	93	7497.84	644
T	Nov 2011	29	29	0	37	0	37	7496.82	635
O	Dec 2011	24	26	0	87	0	87	7489.07	574
R	Jan 2012	22	23	0	52	0	52	7485.29	545
I	Feb 2012	21	22	0	34	0	34	7483.66	533
C	Mar 2012	40	39	0	32	0	32	7484.49	539
A	Apr 2012	57	51	1	58	0	58	7483.54	532
L	May 2012	74	66	1	71	0	71	7482.82	527
*	Jun 2012	45	50	1	93	0	93	7476.82	483
	Jul 2012	20	31	1	105	0	105	7465.79	408
	Aug 2012	25	39	1	102	0	102	7455.49	344
	Sep 2012	20	28	1	80	0	80	7446.17	292
	WY 2012	**414**	**443**	**7**	**844**	**0**	**844**		
	Oct 2012	26	28	0	45	0	45	7442.81	274
	Nov 2012	26	26	0	14	0	14	7445.15	286
	Dec 2012	26	25	0	15	0	15	7447.08	297
	Jan 2013	24	24	0	18	0	18	7448.24	303
	Feb 2013	22	23	0	16	0	16	7449.59	310
	Mar 2013	36	36	0	20	0	20	7452.48	327
	Apr 2013	77	73	1	30	0	30	7459.60	369
	May 2013	221	201	1	118	0	118	7472.19	451
	Jun 2013	261	234	1	36	0	36	7498.35	648
	Jul 2013	117	115	1	87	0	87	7501.54	674
	Aug 2013	63	73	1	103	0	103	7497.83	644
	Sep 2013	38	47	1	94	0	94	7491.79	595
	WY 2013	**938**	**906**	**7**	**595**	**0**	**595**		
	Oct 2013	38	42	1	52	0	52	7490.40	584
	Nov 2013	31	32	0	24	0	24	7491.46	593
	Dec 2013	26	27	0	38	0	38	7490.00	581
	Jan 2014	24	26	0	65	0	65	7484.88	542
	Feb 2014	22	25	0	55	0	55	7480.76	512
	Mar 2014	36	38	0	44	0	44	7479.82	505
	Apr 2014	77	74	1	54	0	54	7482.49	524
	May 2014	221	207	1	112	0	112	7494.66	618
	Jun 2014	261	240	1	64	0	64	7515.34	793

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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July 2012 24-Month Study

Most Probable Inflow*

Morrow Point Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jul 2011	231	150	9	159	159	0	159	7155.22	113
H	Aug 2011	68	123	1	125	124	0	124	7155.77	114
I	Sep 2011	36	108	1	109	115	0	115	7148.00	108
	WY 2011	**1236**	**1065**	**74**	**1139**	**1133**	**0**	**1139**		
S	Oct 2011	37	93	1	94	91	0	91	7151.08	110
T	Nov 2011	30	37	2	39	38	0	38	7151.73	110
O	Dec 2011	25	87	0	88	85	0	85	7154.97	113
R	Jan 2012	23	52	1	53	52	0	52	7155.61	113
I	Feb 2012	22	34	1	35	35	0	35	7155.27	113
C	Mar 2012	43	32	2	35	34	0	34	7156.25	114
A	Apr 2012	63	58	6	64	63	0	63	7157.05	115
L	May 2012	80	71	6	76	79	0	79	7154.07	112
*	Jun 2012	45	93	1	93	93	0	93	7154.59	113
	Jul 2012	20	105	0	105	106	0	106	7153.73	112
	Aug 2012	25	102	0	102	102	0	102	7153.73	112
	Sep 2012	22	80	2	82	82	0	82	7153.73	112
	WY 2012	**435**	**844**	**22**	**865**	**860**	**0**	**860**		
	Oct 2012	28	45	2	47	47	0	47	7153.73	112
	Nov 2012	28	14	2	16	16	0	16	7153.73	112
	Dec 2012	28	15	2	17	17	0	17	7153.73	112
	Jan 2013	27	18	2	20	20	0	20	7153.73	112
	Feb 2013	25	16	3	18	18	0	18	7153.73	112
	Mar 2013	40	20	4	24	24	0	24	7153.73	112
	Apr 2013	88	30	11	41	41	0	41	7153.73	112
	May 2013	247	118	26	144	144	0	144	7153.73	112
	Jun 2013	281	36	20	56	56	0	56	7153.73	112
	Jul 2013	123	87	6	93	93	0	93	7153.73	112
	Aug 2013	67	103	3	106	106	0	106	7153.73	112
	Sep 2013	41	94	3	97	97	0	97	7153.73	112
	WY 2013	**1023**	**595**	**85**	**679**	**679**	**0**	**679**		
	Oct 2013	41	52	3	55	55	0	55	7153.73	112
	Nov 2013	33	24	2	26	26	0	26	7153.73	112
	Dec 2013	28	38	2	40	40	0	40	7153.73	112
	Jan 2014	27	65	2	67	67	0	67	7153.73	112
	Feb 2014	25	55	3	58	58	0	58	7153.73	112
	Mar 2014	40	44	4	48	48	0	48	7153.73	112
	Apr 2014	88	54	11	65	65	0	65	7153.73	112
	May 2014	247	112	26	138	138	0	138	7153.73	112
	Jun 2014	281	64	20	84	84	0	84	7153.73	112

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2012 24-Month Study

Most Probable Inflow*

Crystal Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
*	Jul 2011	255	159	23	182	128	58	186	6739.47	13	62	136
H	Aug 2011	75	124	7	131	126	2	129	6748.39	16	66	70
I	Sep 2011	39	115	4	119	120	0	120	6744.21	14	64	62
	WY 2011	**1375**	**1139**	**139**	**1278**	**1008**	**235**	**1279**			**413**	**912**
S	Oct 2011	41	91	4	96	94	0	94	6749.65	16	53	44
T	Nov 2011	34	38	4	42	41	1	41	6751.53	17	1	41
O	Dec 2011	28	85	3	88	89	0	89	6750.95	16	1	90
R	Jan 2012	27	52	3	56	53	3	56	6751.28	16	1	57
I	Feb 2012	26	35	3	38	15	23	38	6751.90	17	1	40
C	Mar 2012	49	34	6	40	40	0	40	6751.80	17	6	36
A	Apr 2012	71	63	8	71	71	0	71	6752.10	17	50	23
L	May 2012	86	79	6	84	86	0	86	6745.87	15	65	23
*	Jun 2012	49	93	3	96	97	0	97	6744.24	14	63	36
	Jul 2012	22	106	2	108	105	0	105	6753.04	17	65	40
	Aug 2012	28	102	3	105	105	0	105	6753.04	17	65	40
	Sep 2012	25	82	3	85	85	0	85	6753.04	17	55	30
	WY 2012	**485**	**860**	**49**	**909**	**880**	**26**	**907**			**424**	**500**
	Oct 2012	32	47	4	51	51	0	51	6753.04	17	30	21
	Nov 2012	32	16	4	20	20	0	20	6753.04	17	0	20
	Dec 2012	32	17	5	22	22	0	22	6753.04	17	0	22
	Jan 2013	31	20	5	25	25	0	25	6753.04	17	0	25
	Feb 2013	29	18	4	22	22	0	22	6753.04	17	0	22
	Mar 2013	46	24	6	30	30	0	30	6753.04	17	5	25
	Apr 2013	101	41	12	54	54	0	54	6753.04	17	30	24
	May 2013	281	144	34	178	134	44	178	6753.04	17	55	123
	Jun 2013	315	56	34	90	90	0	90	6753.04	17	60	30
	Jul 2013	138	93	14	108	108	0	108	6753.04	17	65	43
	Aug 2013	75	106	8	114	114	0	114	6753.04	17	65	49
	Sep 2013	47	97	6	103	103	0	103	6753.04	17	55	48
	WY 2013	**1160**	**679**	**137**	**816**	**772**	**44**	**816**			**365**	**451**
	Oct 2013	47	55	6	61	61	0	61	6753.04	17	30	31
	Nov 2013	38	26	5	30	30	0	30	6753.04	17	0	30
	Dec 2013	32	40	5	45	45	0	45	6753.04	17	0	45
	Jan 2014	31	67	5	72	72	0	72	6753.04	17	0	72
	Feb 2014	29	58	4	61	61	0	61	6753.04	17	0	61
	Mar 2014	46	48	6	54	54	0	54	6753.04	17	5	49
	Apr 2014	101	65	12	78	78	0	78	6753.04	17	30	48
	May 2014	281	138	34	172	134	38	172	6753.04	17	55	117
	Jun 2014	315	84	34	118	118	0	118	6753.04	17	60	58

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2012 24-Month Study

Most Probable Inflow*

Vallecito Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jul 2011	23	39	7658.78	109
H	Aug 2011	9	37	7647.29	81
I	Sep 2011	8	29	7637.58	59
	WY 2011	**225**	**222**		
S	Oct 2011	15	9	7640.42	65
T	Nov 2011	9	2	7643.33	72
O	Dec 2011	5	2	7644.76	75
R	Jan 2012	5	3	7645.42	76
I	Feb 2012	4	4	7645.50	76
C	Mar 2012	12	4	7648.84	84
A	Apr 2012	36	3	7661.80	117
L	May 2012	42	35	7664.36	124
*	Jun 2012	17	36	7656.80	104
	Jul 2012	9	42	7642.98	71
	Aug 2012	9	38	7628.16	42
	Sep 2012	10	30	7614.02	22
	WY 2012	**173**	**208**		
	Oct 2012	11	17	7608.12	16
	Nov 2012	8	1	7613.91	22
	Dec 2012	6	2	7617.89	26
	Jan 2013	5	2	7620.79	30
	Feb 2013	5	1	7623.08	33
	Mar 2013	9	2	7627.48	40
	Apr 2013	23	1	7638.92	62
	May 2013	71	31	7656.03	102
	Jun 2013	70	52	7662.88	120
	Jul 2013	29	42	7657.87	107
	Aug 2013	20	38	7650.47	88
	Sep 2013	17	30	7645.14	76
	WY 2013	**275**	**218**		
	Oct 2013	16	20	7643.11	71
	Nov 2013	9	8	7643.29	71
	Dec 2013	6	6	7643.28	71
	Jan 2014	5	5	7643.25	71
	Feb 2014	5	5	7643.29	71
	Mar 2014	9	3	7645.65	77
	Apr 2014	23	3	7654.02	97
	May 2014	71	48	7662.90	120
	Jun 2014	70	70	7662.86	120

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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July 2012 24-Month Study

Most Probable Inflow*

Navajo Reservoir

	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azetea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Farmington Flow (1000 Ac-Ft)
*	Jul 2011	40	8	46	5	48	31	6065.88	1424	98
H	Aug 2011	3	2	29	4	47	46	6060.64	1356	47
I	Sep 2011	15	2	35	3	20	40	6058.35	1327	53
	WY 2011	**737**	**93**	**641**	**28**	**220**	**478**			**891**
S	Oct 2011	54	4	44	2	10	33	6058.32	1327	55
T	Nov 2011	31	1	23	1	0	21	6058.38	1327	47
O	Dec 2011	19	0	16	1	1	31	6057.10	1311	54
R	Jan 2012	18	0	16	1	1	30	6055.85	1296	50
I	Feb 2012	19	0	18	1	1	28	6054.95	1285	46
C	Mar 2012	74	7	61	2	6	31	6056.81	1308	70
A	Apr 2012	149	18	98	2	27	30	6059.88	1346	96
L	May 2012	131	17	105	4	34	110	6056.40	1303	176
*	Jun 2012	20	4	35	4	46	42	6051.70	1246	60
	Jul 2012	5	1	37	4	45	59	6045.53	1174	59
	Aug 2012	13	0	42	3	39	56	6040.44	1118	56
	Sep 2012	20	0	40	2	22	36	6038.49	1097	36
	WY 2012	**552**	**53**	**533**	**26**	**230**	**507**			**806**
	Oct 2012	30	0	36	1	6	27	6038.64	1098	27
	Nov 2012	28	0	21	1	0	21	6038.63	1098	21
	Dec 2012	25	0	20	1	0	26	6038.04	1092	26
	Jan 2013	22	0	18	1	0	31	6036.80	1079	31
	Feb 2013	30	0	27	1	0	26	6036.85	1079	26
	Mar 2013	92	3	83	1	2	22	6042.21	1137	22
	Apr 2013	170	15	134	2	18	21	6050.40	1230	21
	May 2013	277	37	199	3	32	30	6061.23	1364	30
	Jun 2013	224	31	174	4	48	95	6063.27	1390	95
	Jul 2013	66	6	73	5	53	25	6062.49	1380	25
	Aug 2013	45	2	61	4	45	34	6060.84	1359	34
	Sep 2013	43	0	55	3	26	30	6060.61	1356	30
	WY 2013	**1053**	**94**	**902**	**26**	**229**	**387**			**387**
	Oct 2013	47	1	50	2	7	31	6061.45	1366	31
	Nov 2013	34	1	32	1	0	30	6061.57	1368	30
	Dec 2013	25	0	25	1	0	31	6061.06	1361	31
	Jan 2014	22	0	22	1	0	31	6060.32	1352	31
	Feb 2014	30	0	30	1	0	28	6060.43	1353	28
	Mar 2014	92	3	84	2	2	33	6064.13	1401	33
	Apr 2014	170	15	135	3	18	60	6068.29	1457	60
	May 2014	277	37	216	4	32	138	6071.34	1499	138
	Jun 2014	224	31	192	5	48	182	6068.21	1456	182

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2012 24-Month Study

Most Probable Inflow*

Lake Powell

	Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry (1000 Ac-Ft)
*	Jul 2011	3767	3195	74	1483	0	1483	3660.86	5542	18605	1502
H	Aug 2011	664	780	74	1479	0	1479	3655.34	5485	17890	1501
I	Sep 2011	456	669	67	922	0	922	3653.01	5461	17593	957
	WY 2011	**15971**	**15498**	**467**	**12518**	**0**	**12518**				**12731**
S	Oct 2011	513	630	45	956	0	956	3650.27	5434	17249	979
T	Nov 2011	506	530	43	1099	0	1099	3645.67	5388	16683	1104
O	Dec 2011	363	490	33	1223	0	1223	3639.75	5332	15974	1226
R	Jan 2012	356	503	10	852	0	852	3636.91	5305	15641	846
I	Feb 2012	342	460	11	653	0	653	3635.28	5290	15453	654
C	Mar 2012	560	625	19	600	0	600	3635.33	5290	15458	607
A	Apr 2012	764	689	29	606	0	606	3635.76	5294	15508	612
L	May 2012	792	770	35	601	0	601	3636.83	5304	15632	606
*	Jun 2012	353	398	54	709	0	709	3633.90	5277	15294	712
	Jul 2012	100	316	62	888	0	888	3628.69	5230	14706	888
	Aug 2012	150	363	60	800	0	800	3624.50	5193	14246	800
	Sep 2012	200	339	54	476	0	476	3622.86	5179	14069	476
	WY 2012	**4999**	**6112**	**456**	**9463**	**0**	**9463**				**9511**
	Oct 2012	338	375	37	491	0	491	3621.54	5168	13927	491
	Nov 2012	393	380	36	600	0	600	3619.31	5149	13690	600
	Dec 2012	363	372	28	800	0	800	3615.27	5115	13268	800
	Jan 2013	361	377	9	800	0	800	3611.37	5083	12868	800
	Feb 2013	393	386	9	675	0	675	3608.62	5061	12592	675
	Mar 2013	665	533	15	600	0	600	3607.85	5055	12516	600
	Apr 2013	1056	808	24	600	0	600	3609.56	5069	12686	600
	May 2013	2343	1947	30	600	0	600	3621.33	5166	13905	600
	Jun 2013	2666	2232	51	800	0	800	3632.93	5268	15184	800
	Jul 2013	1091	961	63	840	0	840	3633.41	5273	15238	840
	Aug 2013	500	578	63	824	0	824	3630.89	5250	14952	824
	Sep 2013	408	511	57	600	0	600	3629.68	5239	14817	600
	WY 2013	**10576**	**9459**	**421**	**8230**	**0**	**8230**				**8230**
	Oct 2013	512	551	39	600	0	600	3628.94	5232	14735	600
	Nov 2013	473	500	38	600	0	600	3627.80	5222	14608	600
	Dec 2013	363	438	30	800	0	800	3624.49	5193	14245	800
	Jan 2014	361	463	9	800	0	800	3621.52	5168	13925	800
	Feb 2014	393	462	10	600	0	600	3620.23	5157	13788	600
	Mar 2014	665	642	17	600	0	600	3620.45	5159	13811	600
	Apr 2014	1056	942	27	600	0	600	3623.18	5182	14103	600
	May 2014	2343	2062	33	600	0	600	3635.05	5288	15426	600
	Jun 2014	2666	2341	56	650	0	650	3647.78	5409	16941	650

* Based on the Colorado River Basin Forecast Center'sMost Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2012 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Glen Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Jul 2011	1483	74	73	1001	16.3	26	1000	789	1107.07	12133
H	Aug 2011	1479	96	80	831	13.5	28	829	827	1113.45	12730
I	Sep 2011	922	96	67	670	11.3	18	668	844	1116.04	12977
	WY 2011	**12518**	**1157**	**578**	**9799**		**225**	**9676**			
S	Oct 2011	956	66	49	443	7.2	20	436	875	1121.00	13456
T	Nov 2011	1099	36	50	564	9.5	13	561	906	1125.82	13933
O	Dec 2011	1223	84	45	497	8.1	9	482	952	1132.83	14644
R	Jan 2012	852	55	37	713	11.6	9	712	976	1134.18	15022
I	Feb 2012	653	44	34	775	13.5	10	775	969	1133.06	14907
C	Mar 2012	600	43	38	986	16.0	16	985	945	1129.41	14535
A	Apr 2012	606	46	46	1170	19.7	20	1163	909	1123.93	13986
L	May 2012	601	14	52	1007	16.4	30	1005	880	1119.38	13541
*	Jun 2012	709	8	62	989	16.6	29	989	858	1115.84	13200
	Jul 2012	888	54	76	930	15.1	28	930	852	1114.94	13114
	Aug 2012	800	103	81	798	13.0	28	798	852	1114.90	13110
	Sep 2012	476	74	67	662	11.1	18	662	840	1112.95	12925
	WY 2012	**9463**	**627**	**637**	**9534**		**230**	**9498**			
	Oct 2012	491	49	48	431	7.0	21	431	843	1113.35	12963
	Nov 2012	600	46	48	532	8.9	18	532	845	1113.82	13007
	Dec 2012	800	108	42	475	7.7	15	475	868	1117.50	13359
	Jan 2013	800	78	35	677	11.0	16	677	877	1118.95	13500
	Feb 2013	675	98	32	686	12.4	15	686	880	1119.34	13538
	Mar 2013	600	78	36	1030	16.7	21	1030	855	1115.36	13154
	Apr 2013	600	76	44	1111	18.7	17	1111	825	1110.44	12688
	May 2013	600	64	49	993	16.1	27	993	800	1106.33	12308
	Jun 2013	800	33	58	928	15.6	23	928	789	1104.52	12142
	Jul 2013	840	54	73	918	14.9	25	918	782	1103.26	12028
	Aug 2013	824	103	77	826	13.4	27	826	782	1103.23	12025
	Sep 2013	600	74	63	637	10.7	19	637	779	1102.76	11983
	WY 2013	**8230**	**861**	**605**	**9244**		**245**	**9244**			
	Oct 2013	600	49	46	426	6.9	23	426	788	1104.35	12127
	Nov 2013	600	46	46	516	8.7	22	516	792	1104.98	12185
	Dec 2013	800	108	41	451	7.3	17	451	816	1109.06	12559
	Jan 2014	800	78	34	680	11.1	20	680	825	1110.51	12695
	Feb 2014	600	98	31	690	12.4	18	690	823	1110.10	12657
	Mar 2014	600	78	34	1033	16.8	24	1033	797	1105.90	12268
	Apr 2014	600	76	42	1115	18.7	20	1115	767	1100.70	11798
	May 2014	600	64	47	996	16.2	31	996	742	1096.36	11413
	Jun 2014	650	33	56	931	15.7	26	931	722	1092.83	11103

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2012 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Jul 2011	1001	-10	25	943	0	943	15.3	643.11	1702
H	Aug 2011	831	-6	23	822	0	822	13.4	642.38	1682
I	Sep 2011	670	-6	18	717	0	717	12.1	639.73	1610
	WY 2011	**9799**	**-120**	**198**	**9446**	**0**	**9446**			
S	Oct 2011	443	7	15	611	0	611	9.9	633.03	1435
T	Nov 2011	564	-11	10	466	0	466	7.8	635.99	1511
O	Dec 2011	497	-28	9	385	0	385	6.3	638.82	1586
R	Jan 2012	713	-23	10	638	0	638	10.4	640.38	1628
I	Feb 2012	775	-18	10	726	0	726	12.6	641.20	1650
C	Mar 2012	986	-23	13	931	0	931	15.1	641.93	1670
A	Apr 2012	1170	-24	17	1091	0	1091	18.3	643.35	1708
L	May 2012	1007	-12	22	980	0	980	15.9	643.06	1700
*	Jun 2012	989	-19	25	952	0	952	16.0	642.80	1693
	Jul 2012	930	-4	25	894	0	894	14.5	643.00	1699
	Aug 2012	798	-7	23	795	0	795	12.9	642.00	1671
	Sep 2012	662	0	18	751	0	751	12.6	638.00	1564
	WY 2012	**9534**	**-163**	**197**	**9219**	**0**	**9219**			
	Oct 2012	431	0	14	610	0	610	9.9	630.49	1371
	Nov 2012	532	-15	10	392	0	392	6.6	635.00	1486
	Dec 2012	475	-19	9	350	0	350	5.7	638.71	1583
	Jan 2013	677	-13	10	571	0	571	9.3	641.80	1666
	Feb 2013	686	-6	10	670	0	670	12.1	641.80	1666
	Mar 2013	1030	-14	13	968	0	968	15.7	643.05	1700
	Apr 2013	1111	-14	17	1082	0	1082	18.2	643.00	1699
	May 2013	993	-14	22	956	0	956	15.6	643.00	1699
	Jun 2013	928	-10	25	919	0	919	15.5	642.00	1671
	Jul 2013	918	-4	25	902	0	902	14.7	641.50	1658
	Aug 2013	826	-7	23	796	0	796	12.9	641.50	1658
	Sep 2013	637	0	18	713	0	713	12.0	638.00	1564
	WY 2013	**9244**	**-118**	**196**	**8929**	**0**	**8929**			
	Oct 2013	426	0	15	542	0	542	8.8	633.00	1434
	Nov 2013	516	-15	10	439	0	439	7.4	635.00	1486
	Dec 2013	451	-19	9	325	0	325	5.3	638.71	1583
	Jan 2014	680	-13	10	575	0	575	9.3	641.80	1666
	Feb 2014	690	-6	10	674	0	674	12.1	641.80	1666
	Mar 2014	1033	-14	13	972	0	972	15.8	643.05	1700
	Apr 2014	1115	-14	17	1086	0	1086	18.2	643.00	1699
	May 2014	996	-14	22	960	0	960	15.6	643.00	1699
	Jun 2014	931	-10	25	923	0	923	15.5	642.00	1671

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2012 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	Jul 2011	943	34	17	762	12.4	100	77	448.22	584	127	2.1
H	Aug 2011	822	25	17	669	10.9	91	60	448.13	583	97	1.6
I	Sep 2011	717	30	15	538	9.0	83	102	448.28	585	91	1.5
	WY 2011	**9446**	**263**	**140**	**6837**		**963**	**1657**			**1634**	
S	Oct 2011	611	31	12	472	7.7	8	149	447.97	579	62	1.0
T	Nov 2011	466	37	9	321	5.4	7	175	447.32	567	93	1.6
O	Dec 2011	385	27	6	267	4.3	15	151	445.69	537	108	1.7
R	Jan 2012	638	11	6	382	6.2	54	187	446.61	554	131	2.1
I	Feb 2012	726	10	8	497	8.6	49	169	447.10	563	159	2.8
C	Mar 2012	931	8	9	711	11.6	21	187	447.23	565	187	3.0
A	Apr 2012	1091	23	11	785	13.2	97	180	449.13	602	183	3.1
L	May 2012	980	25	13	709	11.5	100	179	448.81	596	99	1.6
*	Jun 2012	952	11	15	719	12.1	97	130	448.23	584	103	1.7
	Jul 2012	894	21	17	757	12.3	99	23	448.50	589	103	1.7
	Aug 2012	795	22	17	647	10.5	99	41	448.50	589	92	1.5
	Sep 2012	751	20	15	555	9.3	73	151	446.81	557	89	1.5
	WY 2012	**9219**	**246**	**140**	**6820**		**719**	**1722**			**1409**	
	Oct 2012	610	23	12	445	7.2	7	170	446.31	548	55	0.9
	Nov 2012	392	32	8	366	6.2	3	36	446.50	552	86	1.4
	Dec 2012	350	26	6	261	4.2	4	101	446.50	552	89	1.5
	Jan 2013	571	15	6	353	5.7	82	141	446.50	552	122	2.0
	Feb 2013	670	7	8	457	8.2	71	135	446.50	552	153	2.8
	Mar 2013	968	18	9	706	11.5	82	178	446.70	555	208	3.4
	Apr 2013	1082	19	11	793	13.3	78	172	448.70	593	200	3.4
	May 2013	956	18	13	690	11.2	82	178	448.70	593	111	1.8
	Jun 2013	919	15	16	672	11.3	78	155	448.70	593	112	1.9
	Jul 2013	902	21	17	725	11.8	82	98	448.00	580	118	1.9
	Aug 2013	796	22	17	619	10.1	82	97	447.50	571	92	1.5
	Sep 2013	713	20	15	522	8.8	52	147	446.81	557	89	1.5
	WY 2013	**8929**	**237**	**139**	**6610**		**704**	**1610**			**1437**	
	Oct 2013	542	23	12	440	7.1	5	110	446.31	548	72	1.2
	Nov 2013	439	32	8	371	6.2	5	77	446.50	552	105	1.8
	Dec 2013	325	26	6	279	4.5	6	55	446.50	552	118	1.9
	Jan 2014	575	15	6	356	5.8	82	141	446.50	552	122	2.0
	Feb 2014	674	7	8	461	8.3	72	135	446.50	552	153	2.8
	Mar 2014	972	18	9	710	11.5	82	178	446.70	555	208	3.4
	Apr 2014	1086	19	11	796	13.4	78	172	448.70	593	200	3.4
	May 2014	960	18	13	694	11.3	82	178	448.70	593	111	1.8
	Jun 2014	923	15	16	675	11.4	78	155	448.70	593	112	1.9

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2012 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Jul 2011	1001	16.3	1107.07	12133	429	462.21	1698.0	403.2	100	402.6
H	Aug 2011	831	13.5	1113.45	12730	597	469.04	1721.0	338.8	100	407.7
I	Sep 2011	670	11.3	1116.04	12977	247	473.88	1757.0	272.0	100	406.1
	WY 2011	**9799**							**3848.4**		
S	Oct 2011	443	7.2	1121.00	13456	479	478.70	1311.0	178.9	74	403.5
T	Nov 2011	564	9.5	1125.82	13933	477	481.61	1110.0	233.8	61	414.3
O	Dec 2011	497	8.1	1132.83	14644	711	488.04	1374.0	207.2	75	417.3
R	Jan 2012	713	11.6	1134.18	15022	139	485.97	1146.0	308.0	61	432.1
I	Feb 2012	775	13.5	1133.06	14907	-115	484.32	1282.0	338.6	68	436.7
C	Mar 2012	986	16.0	1129.41	14535	-372	481.45	1047.0	427.4	56	433.4
A	Apr 2012	1170	19.7	1123.93	13986	-548	475.07	1164.0	505.3	62	432.0
L	May 2012	1007	16.4	1119.38	13541	-445	471.90	1050.0	429.0	56	426.2
*	Jun 2012	989	16.6	1115.84	13200	-341	470.21	1829.0	414.2	100	418.8
	Jul 2012	930	15.1	1114.94	13114	-86	464.34	1374.0	391.5	76	421.0
	Aug 2012	798	13.0	1114.90	13110	-4	461.50	1795.0	330.1	100	413.9
	Sep 2012	662	11.1	1112.95	12925	-185	462.14	1784.0	268.9	100	405.8
	WY 2012	**9534**							**4033.0**		
	Oct 2012	431	7.0	1113.35	12963	38	465.36	1512.0	173.6	85	403.0
	Nov 2012	532	8.9	1113.82	13007	44	469.77	1264.0	217.8	71	409.5
	Dec 2012	475	7.7	1117.50	13359	352	468.33	1412.0	195.7	78	411.7
	Jan 2013	677	11.0	1118.95	13500	141	470.75	1075.0	285.1	59	421.1
	Feb 2013	686	12.4	1119.34	13538	38	470.66	1076.0	293.9	59	428.4
	Mar 2013	1030	16.7	1115.36	13154	-384	466.36	1402.0	434.0	78	421.5
	Apr 2013	1111	18.7	1110.44	12688	-466	460.63	1525.0	467.5	87	420.8
	May 2013	993	16.1	1106.33	12308	-381	455.98	1531.0	404.4	88	407.4
	Jun 2013	928	15.6	1104.52	12142	-165	452.07	1727.0	377.5	100	406.9
	Jul 2013	918	14.9	1103.26	12028	-114	451.04	1718.0	370.6	100	403.7
	Aug 2013	826	13.4	1103.23	12025	-3	450.56	1717.0	336.1	100	406.9
	Sep 2013	637	10.7	1102.76	11983	-42	451.45	1713.0	252.2	100	395.6
	WY 2013	**9244**							**3808.5**		
	Oct 2013	426	6.9	1104.35	12127	144	455.57	1493.0	168.7	87	395.8
	Nov 2013	516	8.7	1104.98	12185	57	458.23	1508.0	204.6	88	396.5
	Dec 2013	451	7.3	1109.06	12559	375	459.73	1345.6	181.7	78	402.8
	Jan 2014	680	11.1	1110.51	12695	136	462.34	1019.9	282.4	59	415.1
	Feb 2014	690	12.4	1110.10	12657	-38	461.84	1020.3	290.7	59	421.6
	Mar 2014	1033	16.8	1105.90	12268	-389	457.05	1347.3	427.9	78	414.2
	Apr 2014	1115	18.7	1100.70	11798	-470	451.08	1490.4	460.2	87	412.9
	May 2014	996	16.2	1096.36	11413	-385	446.19	1517.8	398.0	88	399.5
	Jun 2014	931	15.7	1092.83	11103	-310	441.32	1723.0	370.7	100	398.1

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2125

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2012 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Jul 2011	943	15.3	643.11	1702	23	143.18	255.0	119.3	100	126.5
H	Aug 2011	822	13.4	642.38	1682	-20	140.95	255.0	103.5	100	125.9
I	Sep 2011	717	12.1	639.73	1610	-72	137.99	255.0	90.2	100	125.8
	WY 2011	**9446**							**1182.3**		
S	Oct 2011	611	9.9	633.03	1435	-175	133.41	181.1	74.4	71	121.8
T	Nov 2011	466	7.8	635.99	1511	76	134.28	170.9	57.0	67	122.2
O	Dec 2011	385	6.3	638.82	1586	74	135.59	173.4	48.1	68	124.9
R	Jan 2012	638	10.4	640.38	1628	42	138.75	170.9	77.2	67	121.0
I	Feb 2012	726	12.6	641.20	1650	22	140.80	163.2	90.8	64	125.1
C	Mar 2012	931	15.1	641.93	1670	20	140.23	204.0	117.4	80	126.2
A	Apr 2012	1091	18.3	643.35	1708	39	142.08	249.9	147.4	98	135.2
L	May 2012	980	15.9	643.06	1700	-8	141.39	252.5	128.9	99	131.5
*	Jun 2012	952	16.0	642.80	1693	-7	140.12	255.0	122.6	100	128.8
	Jul 2012	894	14.5	643.00	1699	5	135.94	255.0	112.1	100	125.3
	Aug 2012	795	12.9	642.00	1671	-27	135.51	255.0	99.7	100	125.5
	Sep 2012	751	12.6	638.00	1564	-107	132.89	255.0	92.6	100	123.3
	WY 2012	**9219**							**1168.3**		
	Oct 2012	610	9.9	630.49	1371	-193	128.32	204.0	72.7	80	119.1
	Nov 2012	392	6.6	635.00	1486	115	127.85	170.9	46.7	67	119.1
	Dec 2012	350	5.7	638.71	1583	97	131.72	183.6	43.1	72	123.2
	Jan 2013	571	9.3	641.80	1666	83	135.61	173.4	71.3	68	124.8
	Feb 2013	670	12.1	641.80	1666	0	136.23	204.0	83.9	80	125.2
	Mar 2013	968	15.7	643.05	1700	34	135.78	242.3	120.6	95	124.5
	Apr 2013	1082	18.2	643.00	1699	-2	136.07	255.0	134.6	100	124.3
	May 2013	956	15.6	643.00	1699	0	136.04	255.0	119.6	100	125.1
	Jun 2013	919	15.5	642.00	1671	-27	135.51	255.0	114.6	100	124.7
	Jul 2013	902	14.7	641.50	1658	-14	134.73	255.0	112.1	100	124.3
	Aug 2013	796	12.9	641.50	1658	0	134.46	255.0	99.2	100	124.6
	Sep 2013	713	12.0	638.00	1564	-94	132.62	255.0	87.9	100	123.3
	WY 2013	**8929**							**1106.1**		
	Oct 2013	542	8.8	633.00	1434	-130	129.17	219.3	65.4	86	120.7
	Nov 2013	439	7.4	635.00	1486	51	126.85	244.8	52.7	96	119.9
	Dec 2013	325	5.3	638.71	1583	97	130.29	229.5	40.1	90	123.3
	Jan 2014	575	9.3	641.80	1666	83	134.09	221.9	71.7	87	124.8
	Feb 2014	674	12.1	641.80	1666	0	136.08	209.1	84.3	82	125.1
	Mar 2014	972	15.8	643.05	1700	34	135.86	239.7	121.0	94	124.5
	Apr 2014	1086	18.2	643.00	1699	-2	136.07	255.0	135.0	100	124.3
	May 2014	960	15.6	643.00	1699	0	136.04	255.0	120.1	100	125.1
	Jun 2014	923	15.5	642.00	1671	-27	135.51	255.0	115.1	100	124.7

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2012 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Jul 2011	762	12.4	448.22	584	9	81.72	116.4	51.6	97	67.7
H	Aug 2011	669	10.9	448.13	583	-2	82.04	120.0	46.1	100	68.9
I	Sep 2011	538	9.0	448.28	585	3	82.16	120.0	39.4	100	73.2
	WY 2011	**6837**							**474.2**		
S	Oct 2011	472	7.7	447.97	579	-6	81.92	92.4	31.5	77	66.8
T	Nov 2011	321	5.4	447.32	567	-12	80.93	102.0	22.1	85	69.1
O	Dec 2011	267	4.3	445.69	537	-30	81.08	67.2	17.7	56	66.2
R	Jan 2012	382	6.2	446.61	554	17	80.68	67.2	25.6	56	67.1
I	Feb 2012	497	8.6	447.10	563	9	80.85	94.8	35.1	79	70.7
C	Mar 2012	711	11.6	447.23	565	2	81.75	97.2	48.8	81	68.6
A	Apr 2012	785	13.2	449.13	602	36	83.37	120.0	54.1	100	69.0
L	May 2012	709	11.5	448.81	596	-6	81.37	111.6	49.6	93	69.9
*	Jun 2012	719	12.1	448.23	584	-11	79.00	120.0	49.7	100	69.1
	Jul 2012	757	12.3	448.50	589	5	75.73	120.0	50.3	100	66.4
	Aug 2012	647	10.5	448.50	589	0	75.86	120.0	42.8	100	66.2
	Sep 2012	555	9.3	446.81	557	-32	75.03	120.0	36.2	100	65.3
	WY 2012	**6820**							**463.5**		
	Oct 2012	445	7.2	446.31	548	-9	74.77	102.0	28.8	85	64.6
	Nov 2012	366	6.2	446.50	552	3	74.62	102.0	23.4	85	64.0
	Dec 2012	261	4.2	446.50	552	0	74.71	102.0	16.3	85	62.5
	Jan 2013	353	5.7	446.50	552	0	74.71	102.0	22.5	85	63.8
	Feb 2013	457	8.2	446.50	552	0	73.92	120.0	29.4	100	64.2
	Mar 2013	706	11.5	446.70	555	4	74.01	120.0	45.9	100	64.9
	Apr 2013	793	13.3	448.70	593	38	75.08	120.0	52.3	100	66.0
	May 2013	690	11.2	448.70	593	0	76.05	120.0	45.9	100	66.4
	Jun 2013	672	11.3	448.70	593	0	76.05	120.0	44.7	100	66.5
	Jul 2013	725	11.8	448.00	580	-13	75.71	120.0	48.1	100	66.3
	Aug 2013	619	10.1	447.50	571	-10	75.13	120.0	40.6	100	65.5
	Sep 2013	522	8.8	446.81	557	-13	74.55	120.0	33.8	100	64.8
	WY 2013	**6610**							**431.5**		
	Oct 2013	440	7.1	446.31	548	-9	74.77	102.0	28.4	85	64.6
	Nov 2013	371	6.2	446.50	552	3	74.62	102.0	23.7	85	64.0
	Dec 2013	279	4.5	446.50	552	0	74.71	102.0	17.5	85	62.8
	Jan 2014	356	5.8	446.50	552	0	74.71	102.0	22.7	85	63.8
	Feb 2014	461	8.3	446.50	552	0	73.92	120.0	29.6	100	64.2
	Mar 2014	710	11.5	446.70	555	4	74.01	120.0	46.1	100	64.9
	Apr 2014	796	13.4	448.70	593	38	75.08	120.0	52.5	100	66.0
	May 2014	694	11.3	448.70	593	0	76.05	120.0	46.1	100	66.5
	Jun 2014	675	11.4	448.70	593	0	76.05	120.0	44.9	100	66.5

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2012 24-Month Study

Most Probable Inflow*

Upper Basin Power

	Date	Glen Canyon 1000 MWHR	Flaming Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Reservoir 1000 MWHR	Fontenelle Reservoir 1000 MWHR
*	Jul 2011	708					
H	Aug 2011	706	60	39	44	22	8
I	Sep 2011	442	58	34	41	22	6
	Summer 2011	**3425**	**386**	**179**	**248**	**111**	**30**
S	Oct 2011	446	48	28	33	18	5
T	Nov 2011	508	34	11	13	7	2
O	Dec 2011	563	43	25	30	17	6
R	Jan 2012	388	58	15	18	10	5
I	Feb 2012	295	54	9	12	2	4
C	Mar 2012	275	62	9	12	6	4
	Winter 2012	**2475**	**300**	**97**	**117**	**61**	**26**
A	Apr 2012	276	47	16	22	14	4
L	May 2012	276	61	19	28	17	4
*	Jun 2012	324	34	26	33	19	7
	Jul 2012	373	33	29	38	18	6
	Aug 2012	333	33	28	37	18	6
	Sep 2012	197	28	21	30	15	5
	Summer 2012	**1779**	**237**	**139**	**187**	**100**	**32**
	Oct 2012	203	22	12	17	9	5
	Nov 2012	247	19	4	6	3	5
	Dec 2012	327	19	4	6	4	5
	Jan 2013	324	19	5	7	4	5
	Feb 2013	271	18	4	6	4	4
	Mar 2013	240	19	5	8	5	4
	Winter 2013	**1612**	**117**	**33**	**51**	**29**	**27**
	Apr 2013	241	18	8	15	9	5
	May 2013	244	47	32	52	23	7
	Jun 2013	333	84	10	20	16	9
	Jul 2013	354	34	26	34	19	10
	Aug 2013	347	34	31	38	20	8
	Sep 2013	251	33	28	35	18	7
	Summer 2013	**1770**	**250**	**136**	**194**	**104**	**45**
	Oct 2013	251	34	15	20	10	7
	Nov 2013	251	33	7	9	5	6
	Dec 2013	333	34	11	15	8	6
	Jan 2014	331	34	19	24	12	6
	Feb 2014	247	30	16	21	11	5
	Mar 2014	247	46	13	17	9	5
	Winter 2014	**1412**	**164**	**68**	**88**	**47**	**29**
	Apr 2014	247	45	16	23	13	5
	May 2014	251	52	33	50	23	6
	Jun 2014	278	82	20	30	20	8

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2012 24-Month Study

Most Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions

Date	Flaming George KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Total KAF	Flaming George KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****EFFECTIVE SPACE****										
Jul 2012	671	346	450	9028	10495	14177	24672	-32	-85	-23	-140	9028	14177	23065	1500	930	0	35.3
								****CREDITABLE SPACE****										
Aug 2012	717	422	522	9616	11276	14263	25539	717	422	522	1660	9616	14263	25539	1500	798	0	34.6
Sep 2012	784	485	578	10076	11923	14267	26190	784	485	578	1847	10076	14267	26190	2270	662	0	33.9
Oct 2012	835	538	599	10253	12226	14452	26678	835	538	599	1972	10253	14452	26678	3040	431	0	33.6
Nov 2012	858	556	598	10395	12407	14414	26821	858	556	598	2012	10395	14414	26821	3810	532	0	33.5
Dec 2012	869	543	598	10632	12642	14370	27012	869	543	598	2010	10632	14370	27012	4580	475	0	33.5
Jan 2013	891	533	604	11054	13082	14018	27100	891	533	604	2028	11054	14018	27100	5350	677	0	33.3
								****EFFECTIVE SPACE****										
Jan 2013	891	533	604	11054	13082	14018	27100	510	435	458	1402	11054	14018	26474	5350	677	0	33.3
Feb 2013	907	527	617	11454	13505	13877	27382	523	428	470	1422	11454	13877	26752	1500	686	0	33.1
Mar 2013	914	519	617	11730	13780	13839	27620	527	422	469	1418	11730	13839	26987	1500	1030	0	32.8
Apr 2013	870	503	559	11806	13738	14223	27961	477	405	408	1290	11806	14223	27320	1500	1111	0	32.7
May 2013	795	461	466	11636	13358	14689	28046	394	358	295	1047	11636	14689	27372	1500	993	0	33.9
Jun 2013	689	379	332	10417	11818	15069	26887	278	255	126	658	10417	15069	26145	1500	928	0	35.4
Jul 2013	543	182	306	9138	10169	15235	25403	118	30	47	195	9138	15235	24568	1500	918	0	35.4
								****CREDITABLE SPACE****										
Aug 2013	443	155	316	9084	9999	15349	25348	443	155	316	915	9084	15349	25348	1500	826	0	35.1
Sep 2013	462	186	337	9370	10355	15352	25707	462	186	337	985	9370	15352	25707	2270	637	0	34.7
Oct 2013	508	234	340	9505	10588	15394	25982	508	234	340	1083	9505	15394	25982	3040	426	0	34.5
Nov 2013	549	245	330	9587	10711	15250	25961	549	245	330	1124	9587	15250	25961	3810	516	0	34.5
Dec 2013	591	237	328	9714	10870	15192	26062	591	237	328	1156	9714	15192	26062	4580	451	0	34.5
Jan 2014	650	248	335	10077	11309	14818	26127	650	248	335	1233	10077	14818	26127	5350	680	0	34.3
								****EFFECTIVE SPACE****										
Jan 2014	650	248	335	10077	11309	14818	26127	274	248	250	773	10077	14818	25667	5350	680	0	34.3
Feb 2014	704	287	344	10397	11733	14682	26415	326	287	259	872	10397	14682	25952	1500	690	0	34.1
Mar 2014	745	318	343	10534	11940	14720	26660	365	318	257	940	10534	14720	26194	1500	1033	0	33.8
Apr 2014	772	325	295	10511	11903	15109	27012	389	325	205	919	10511	15109	26538	1500	1115	0	33.7
May 2014	766	305	239	10219	11529	15579	27108	377	305	129	812	10219	15579	26609	1500	996	0	34.9
Jun 2014	675	211	197	8896	9979	15964	25943	275	206	51	532	8896	15964	25392	1500	931	0	36.4

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2125

Processed On: 7/10/2012 11:38:38AM

August 24-Month Study
Date: August 10, 2012

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

Reservoir	July Inflow (unregulated) (acre-feet)	Percent of Average (%)	August 9 Midnight Elevation (feet)	Reservoir Storage (acre-feet)
Fontenelle	92,000	52	6503.16	323,000
Flaming Gorge	95,000	45	6022.81	3,080,000
Blue Mesa	30,000	26	7467.56	420,000
Navajo	10,000	16	6044.16	1,159,000
Powell	154,000	14	3626.99	14,519,000

Expected Operations

The operation of Lake Powell and Lake Mead in this August 2012 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines), and reflects the 2012 Annual Operating Plan (AOP). Pursuant to the Interim Guidelines, the August 2011 24-Month Study projections of the January 1, 2012, system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2012.

Consistent with Section 6.A of the Interim Guidelines, the Lake Powell operational tier for water year 2012 is the Equalization Tier. The August 2012 24-Month Study projects the water year release volume from Lake Powell for 2012 to be 9.46 maf.

Consistent with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar year 2012.

The Interim Guidelines are available for download at
http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The 2012 AOP is available for download at
http://www.usbr.gov/lc/region/g4000/aop/AOP12.pdf.

Fontenelle Reservoir – Inflows to Fontenelle Reservoir for the month of July were 92 kaf, or 52% of average. The April through July 2012 runoff season observed inflows totaling 509 kaf, or 70% of average. The reservoir elevation is 6503.16 feet above sea level and 94% of capacity and slowly decreasing. Current inflows are approximately 750 cfs and reservoir releases are 1,100 cfs. Releases will likely be decreased to approximately 975 cfs near the end of August and remain near this level through the fall and winter months.

Inflows for the next three months are projected to be significantly below average: 45 kaf (58%), 35 kaf (76%), 35 kaf (71%) for August, September and October respectively. The Colorado Basin River Forecast Center has also issued the water year 2013 outlook. Inflows for the coming water year are projected to be 955 kaf, or 88% of average.

The next Fontenelle Working Group meeting is scheduled for August 23, 2012 at 10:00 am at the Joint Power's Water Board treatment plant boardroom in Green River, Wyoming. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir. The spring Fontenelle Working Group meeting was held on April 26, 2012 at Seedskadee National Wildlife Refuge. Minutes from the meeting are posted on the Working Group webpages.

Flaming Gorge Reservoir – Unregulated inflow into Flaming Gorge Reservoir during the month of July was 95,000 acre-feet, or 45 percent of average. The reservoir elevation is 6022.9 feet. Flaming Gorge Reservoir is releasing an average daily rate of 1,300 cubic feet per second (cfs), and scheduled to release between 800 to 1,400 cfs through August and September. The releases will be adjusted to meet the target on the Green River at Jensen, Utah of 1,500 cfs in July and August. The target decreases in September to 1,300 cfs. Winter releases are forecasted to drop between 800-850 cfs during October through February.

The current hydrologic classification is moderately dry based on both the observed April through July unregulated inflow volume into Flaming Gorge Reservoir and the August forecast, discussed below. Flaming Gorge is releasing an average daily release of 1,300 cfs with the hourly release pattern approximated below:

Midnight - 6am: 820cfs,
6am – 5pm: 1,350cfs
5pm-10pm- 1,730cfs
10pm –11pm: 1,450cfs
11pm – midnight: 820cfs

The Colorado Basin River Forecast Center and Natural Resources Conservation Service have issued the joint water supply observed April-July unregulated inflow volume into Flaming Gorge Reservoir of 572,000 acre-feet (58% of average). The unregulated inflow

volumes and percent of average for August, September and October are forecasted to be 50 kaf (56%), 38 kaf (69%), and 40 kaf (67%), respectively.

The next Flaming Gorge Working Group meeting is scheduled for August 22, 2012, at 1:00 p.m. at the Western Park Convention Center, 302 East 200 South, Vernal, Utah. The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stake holders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations and plans presented by Reclamation at these meetings. For more information on this group and these meetings please contact Ed Vidmar at 801-379-1182.

Aspinall Unit Reservoirs – July unregulated inflow into Blue Mesa Reservoir was 30,000 acre-feet or 26 percent of average. Hydrologic conditions in the basin had a break from the dry conditions as summer thunderstorms brought in some much needed precipitation during the month. May, June, and July precipitation was 25, 10, and 150 percent of average respectively. The current inflow rate into Blue Mesa Reservoir is about 700 cfs while reservoir releases are averaging about 1,300 cfs.

Blue Mesa's present elevation is 7468.09 feet, which corresponds to a storage content of about 423,000 acre-feet. The observed April through July runoff into Blue Mesa Reservoir was recorded at 206,500 acre-feet, or 31 percent of average. The reservoir reached a high elevation of 7485.02 feet on April 13, 2012, which was approximately 34.38 feet below "full" pool. Full pool is defined by the top of the spillway gates at elevation 7519.4 feet. Rarely is the reservoir filled to that level due to safety. For practical purposes; the reservoir is considered full at elevations above 7516.4 feet.

Releases from Crystal are currently set at 1350 cfs. The Gunnison Diversion Tunnel is diverting about 800 cfs, which results in a river flow below the diversion tunnel of approximately 550 cfs. These rates will most likely change as conditions warrant, primarily as we respond to changes at the Whitewater gage as flows prescribed in the Aspinall Unit Operations Record of Decision (ROD). The ROD calls for keeping flows at the Whitewater gage at or above 900 cfs.

The next meeting of the "Aspinall Unit Working Group" will be held on Thursday, August 9, 2012 starting at 1:00 PM at the Elk Creek Visitors Center at Blue Mesa Reservoir. At this meeting, review of this spring's reservoir operations, and plans for this summer and fall operations will be discussed. These meetings are open forum discussions on the Aspinall Unit reservoir operations with many interested groups participating. Anyone needing further information about these meetings should contact Dan Crabtree in the Grand Junction Area Office at (970) 248-0652.

Navajo Reservoir – Unregulated inflow into Navajo Reservoir during the month of July was 10,400 acre-feet, or 16 % of average. Unregulated inflow for the April to July 2012 runoff season was 310 kaf, or 42% of average. The reservoir elevation is 6044.16 feet

above sea level and 68% of capacity. Current inflows are approximately 500 cfs and reservoir releases are approximately 850 cfs. Diversions for NIIP are approximately 750 cfs.

Releases are made for the authorized purposes of the Navajo Unit, and to attempt to maintain a target flows through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell). A 7-day spring peak release of 5,000 cfs was achieved during the week of May 21st through June1st. At the end of the peak release period, the release returned to 500 cfs. The goal of the Navajo spring peak release is to match the timing of the peak of the Animas River in Farmington.

Inflows for the next three months are projected to be significantly below average: 12 kaf (27%), 23 kaf (53%), 28 kaf (60%) for August, September and October respectively. The Colorado Basin River Forecast Center has also issued the water year 2013 outlook. Inflows for the coming water year are projected to be 926 kaf, or 86% of average.

A public meeting on Navajo Reservoir operations is scheduled for Tuesday, August 21, 2012 at 1:00 PM at the Civic Center in Farmington, New Mexico (200 West Arrington Street). At this meeting, review of this spring's reservoir operations, and plans for this summer and fall operations will be discussed. These meetings are open forum discussions on the operation of Navajo Reservoir with many interested groups participating. Anyone interested in the general operation of the reservoir is encouraged to attend. Please contact Ryan Christianson in Reclamation's Durango, Colorado Office at (970) 385-6590 for information about these meetings or the daily operation of Navajo Reservoir.

Glen Canyon Dam / Lake Powell – The monthly unregulated inflow volume to Lake Powell for July was 154 thousand acre-feet (kaf) (14% of average). The release volume from Glen Canyon Dam in July was 886 kaf. The end of July elevation and storage of Lake Powell was 3628.45 feet (71.55 feet from full pool) and 14.68 maf (60.4% of full capacity). The reservoir elevation is now declining.

The April through July unregulated inflow volume for 2012 was 2.06 maf (29% of average), placing the 2012 April to July season as the third driest on record since the closure of Glen Canyon Dam in 1963. Only 1977 and 2002 had lower April-July unregulated inflow volumes to Lake Powell than what occurred in 2012. In terms of reservoir elevation and storage, Lake Powell reached its peak for water year 2012 on June 3rd at 3636.90 ft (63.1 feet from full pool) and 15.640 maf (64.30% of capacity), respectively. The peak elevation in 2012 is 24 feet below the 2011 peak elevation of 3660.90ft.

Current Dam Operations

In August 2011, pursuant to the Interim Guidelines, the Operating Tier for Glen Canyon Dam was established to be the Equalization Tier. Under the Equalization Tier when

conditions dry out as they have this year, the minimum annual release from Lake Powell can generally be as low as 8.23 maf. However, water year 2011 was a very wet Equalization year and not all of the Equalization release volume for 2011 could be achieved by September 30, 2011. As a result, 1.233 maf of the 2011 Equalization release volume was actually released after the end of water year 2011. This increased the minimum release volume for water year 2012 under Equalization to 9.463 maf. Under the dry hydrologic conditions currently projected for Lake Powell, the water year 2012 release volume is projected to be at this minimum Equalization level of 9.463 maf. As hydrologic conditions for Lake Powell and Lake Mead change throughout the year, Reclamation will adjust operations of Glen Canyon Dam to release the appropriate annual volume during 2012 to achieve Equalization objectives as practicably as possible by September 30, 2012.

Releases from Glen Canyon Dam are now averaging about 13,500 cfs with fluctuations for power generation throughout the day that peak near 17,000 cfs in the afternoons and with early morning low level releases are about 9,000 cfs and this operation is consistent with the Glen Canyon Operating Criteria (Federal Register, Volume 62, No. 41, March 3, 1997). The release volume for August is scheduled to be 800 kaf and meets the targeted release volume of the 2012 Hydrograph that was approved by the Secretary of the Interior. In September and October, as part of the 2008 FONSI, releases from Glen Canyon Dam will be steady for a steady flow experiment. The targeted release rate for September and October of 2012 is 8,000 cfs, with volumes of 476 kaf and 491kaf, respectively.

In addition to daily scheduled fluctuations for power generation, the instantaneous releases from Glen Canyon Dam may also fluctuate to provide 40 MW of system regulation. These instantaneous release adjustments stabilize the electrical generation and transmission system and translate to a range of about 1100 cfs above or below the hourly scheduled release rate. Typically, fluctuations for system regulation are very short lived and balance out over the hour and do not have noticeable impacts on downstream river flow conditions.

Releases from Glen Canyon Dam can also fluctuate beyond scheduled fluctuations for power generation when called upon as a partner that shares reserve requirements within the electrical generator community (i.e. balancing area). There are many generators that supply electricity to the transmission system within the balancing area. At times, a participating generator may experience operating conditions such that it cannot make its scheduled delivery of electricity to the system (i.e. unscheduled outage). To provide system reliability, all participating electricity generators within the balancing area maintain a specified level of generation capacity (i.e. reserves) that can be called upon when an unscheduled outage occurs. Glen Canyon Dam typically maintains 113 MW of reserves for this purpose.

Reserve agreements allow the controllers of the balancing area to call upon Glen Canyon Dam to produce up to an additional 113 MW of electricity beyond what is originally scheduled for a given hour. Reserve calls can be maintained for a maximum of 2 hours

after which time the generation rate should be returned to the original schedule. The 113 MW reserve requirement for Glen Canyon Dam translates to approximately 2,800 cfs of flow in the river. When the balancing area controllers call for reserve generation from Glen Canyon Dam, releases from the dam can exceed scheduled levels and have a noticeable impact on the river downstream from Glen Canyon Dam. But these calls for reserves are fairly infrequent and typically are for much less than the required level of 113 MW.

Current Inflow Forecasts and Model Projections

The August 24-Month study projects the annual release volume for water year 2012 will be 9.463 maf and the end of water year reservoir elevation and storage for Lake Powell will be 3623.08 (76.92 feet from full pool) and 14.093 maf (57.9% capacity), respectively.

The hydrologic outlook forecast for water year 2013 projects that the most probable (median) unregulated inflow volume will be 8.85maf (82% of average based on the period 1981-2010). Based on this hydrologic outlook, the August 24-Month Study projects the annual release from lake Powell during water year 2013 will be 8.23 maf and the end of water year 2013 reservoir elevation and storage for Lake Powell to be 3618.19 feet (81.8 feet from full pool) and 13.573 maf (55.8% capacity), respectively.

Upper Colorado River Basin Hydrology

Since water year 2005, hydrologic conditions in the Upper Colorado River Basin have been near average with significant variability from year to year. The unregulated inflow to Lake Powell, which is a good measure of the hydrologic condition in the Colorado River Basin, has averaged a water year volume of 10.98 maf (101% of average (period 1981-2010)) during the period from 2005 through 2011. The hydrologic variability during this period has been from a low water year unregulated inflow volume of 8.62 maf (80% of average) in water year 2006 to a high water year unregulated inflow volume of 15.97 maf (147% of average) which occurred in water year 2011. However, based on observed inflows and current forecasts, water year 2012 unregulated inflow is expected to be 5.15 maf (47.6% of average), which would be the lowest water year unregulated inflow volume since 2002.

Overall reservoir storage in the Colorado River Basin has increased by over 8 maf since the beginning of water year 2005 and this is a significant improvement over the drought conditions during water years 2000 through 2004. On October 1, 2004, the beginning of water year 2005, the total reservoir storage in the Colorado River Basin was 29.84 maf (50.2% of capacity). On October 1, 2011, the beginning of water year 2012, the total reservoir storage in the Colorado River Basin was 38.66 maf (64.8% of capacity). As of August 9, 2012 the total reservoir storage in the Colorado River Basin was 35.18 maf (59.0% of capacity).

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-430
125 SOUTH STATE STREET, ROOM 6107
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-3709

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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:	Obs			jul	Forecast			Observed	
:	apr	may	jun	jul	%Avg	aug	sep	oct	apr-jul	%Avg
GLDA3:Lake Powell	764	792	354	154	14%:	200/	250/	350/	2064/:	29%
GBRW4:Fontenelle	98	130	189	92	52%:	45/	35/	35/	509/:	70%
GRNU1:Flaming Gorge	136	153	188	95	45%:	50/	38/	40/	572/:	58%
BMDC2:Blue Mesa	57	74	45	30	26%:	25/	20/	22/	206/:	31%
MPSC2:Morrow Point	64	80	45	31	25%:	26/	22/	24/	220/:	30%
CLSC2:Crystal	71	86	49	35	25%:	30/	26/	29/	241/:	29%
TPIC2:Taylor Park	10.1	15.5	8.7	5.9	29%:	4.5/	4/	4/	40/:	40%
VCRC2:Vallecito	36	42	17.1	11.8	41%:	10/	10.5/	9.3/	107/:	55%
NVRN5:Navajo	149	131	20	10.4	16%:	12/	23/	28/	310/:	42%
LEMC2:Lemon	12.1	13.7	3.9	2.5	38%:	2.2/	2.2/	1.9/	32/:	58%
MPHC2:McPhee	53	46	11.9	9.1	40%:	9/	7.5/	6/	120/:	41%
RBSC2:Ridgway	9.1	15.7	12.3	8.8	35%:	5.7/	5.2/	5/	46/:	46%
:										

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2012 24-Month Study

Most Probable Inflow*

Fontenelle Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Aug 2011	118	2	88	1	89	6502.38	317
H	Sep 2011	49	2	66	0	66	6499.90	298
	WY 2011	**1581**	**14**	**801**	**747**	**1549**		
I	Oct 2011	50	1	56	18	74	6496.55	273
S	Nov 2011	46	1	22	49	71	6492.84	247
T	Dec 2011	35	1	74	0	74	6486.86	207
O	Jan 2012	32	1	74	0	74	6479.61	165
R	Feb 2012	30	0	69	0	69	6471.56	126
I	Mar 2012	64	0	67	0	67	6470.82	123
C	Apr 2012	98	1	60	0	60	6478.72	160
A	May 2012	130	1	61	0	62	6489.92	227
L	Jun 2012	189	2	83	16	99	6502.11	315
*	Jul 2012	92	3	72	3	75	6503.94	329
	Aug 2012	45	2	65	0	65	6501.04	307
	Sep 2012	35	2	58	0	58	6497.72	282
	WY 2012	**846**	**15**	**760**	**87**	**846**		
	Oct 2012	35	1	60	0	60	6494.08	256
	Nov 2012	34	1	58	0	58	6490.49	231
	Dec 2012	27	1	60	0	60	6485.27	198
	Jan 2013	26	1	60	0	60	6479.31	163
	Feb 2013	24	0	54	0	54	6473.03	132
	Mar 2013	40	0	60	0	60	6468.30	112
	Apr 2013	67	1	59	0	59	6469.98	119
	May 2013	141	1	85	0	85	6481.20	174
	Jun 2013	280	2	102	50	152	6500.01	299
	Jul 2013	169	3	101	21	121	6505.80	344
	Aug 2013	70	2	81	0	81	6504.10	331
	Sep 2013	42	2	69	0	69	6500.40	302
	WY 2013	**955**	**15**	**850**	**70**	**920**		
	Oct 2013	46	1	71	0	71	6496.85	276
	Nov 2013	41	1	69	0	69	6492.82	247
	Dec 2013	32	1	71	0	71	6486.82	207
	Jan 2014	30	1	71	0	71	6479.89	166
	Feb 2014	28	0	64	0	64	6472.30	129
	Mar 2014	53	0	71	0	71	6467.87	110
	Apr 2014	85	1	83	0	83	6468.25	112
	May 2014	164	1	98	7	105	6480.54	170
	Jun 2014	299	2	102	70	173	6499.39	294
	Jul 2014	178	3	101	31	132	6504.91	337

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2126

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2012 24-Month Study

Most Probable Inflow*

Flaming Gorge Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	Aug 2011	144	115	13	148	0	148	142	6034.95	3544	246
H	Sep 2011	58	76	11	144	0	144	139	6033.03	3467	200
	WY 2011	**2414**	**2381**	**80**	**1661**	**314**	**1975**				**5234**
I	Oct 2011	74	97	7	120	0	121	138	6032.27	3437	187
S	Nov 2011	64	89	4	88	0	88	138	6032.21	3435	144
T	Dec 2011	38	77	2	108	0	108	137	6031.41	3404	146
O	Jan 2012	45	87	2	148	0	148	134	6029.85	3343	187
R	Feb 2012	47	86	2	140	0	140	132	6028.43	3289	186
I	Mar 2012	104	107	3	162	0	162	130	6026.95	3233	285
C	Apr 2012	136	98	5	122	0	122	129	6026.21	3205	331
A	May 2012	153	85	8	159	19	178	125	6023.57	3108	385
L	Jun 2012	188	98	10	87	0	87	125	6023.59	3108	156
*	Jul 2012	93	76	12	84	0	84	124	6023.04	3088	97
	Aug 2012	50	70	12	80	0	80	123	6022.46	3068	80
	Sep 2012	38	61	11	72	0	72	123	6021.90	3047	72
	WY 2012	**1030**	**1031**	**78**	**1369**	**20**	**1389**				**2256**
	Oct 2012	40	65	7	52	0	52	123	6022.06	3053	52
	Nov 2012	38	62	3	48	0	48	123	6022.36	3064	48
	Dec 2012	29	62	2	49	0	49	124	6022.66	3075	49
	Jan 2013	34	68	2	49	0	49	124	6023.11	3091	49
	Feb 2013	36	66	2	44	0	44	125	6023.63	3110	44
	Mar 2013	87	107	3	49	0	49	127	6025.06	3163	49
	Apr 2013	112	104	5	48	0	48	129	6026.41	3213	48
	May 2013	195	139	8	95	0	95	131	6027.34	3247	95
	Jun 2013	330	202	10	162	0	162	132	6028.09	3276	162
	Jul 2013	192	144	14	96	0	96	133	6028.97	3309	96
	Aug 2013	77	88	13	96	0	96	132	6028.45	3290	96
	Sep 2013	50	77	11	93	0	93	131	6027.76	3264	93
	WY 2013	**1220**	**1185**	**79**	**882**	**0**	**882**				**882**
	Oct 2013	55	81	7	96	0	96	130	6027.19	3242	96
	Nov 2013	50	77	3	93	0	93	130	6026.70	3224	93
	Dec 2013	35	74	2	96	0	96	129	6026.09	3201	96
	Jan 2014	40	81	2	96	0	96	128	6025.66	3185	96
	Feb 2014	45	81	2	87	0	87	128	6025.46	3177	87
	Mar 2014	102	121	3	96	0	96	129	6026.03	3198	96
	Apr 2014	134	131	5	93	0	93	130	6026.90	3231	93
	May 2014	245	186	8	138	0	138	131	6027.93	3270	138
	Jun 2014	390	263	10	224	0	224	133	6028.66	3298	224
	Jul 2014	210	165	14	101	0	101	135	6029.91	3345	101

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2012 24-Month Study

Most Probable Inflow*

Taylor Park Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Aug 2011	12	24	9318.44	84
H	Sep 2011	7	20	9310.68	71
	WY 2011	**179**	**181**		
I	Oct 2011	7	9	9309.52	69
S	Nov 2011	5	6	9309.15	69
T	Dec 2011	4	6	9307.93	67
O	Jan 2012	4	5	9307.37	66
R	Feb 2012	4	4	9307.22	66
I	Mar 2012	6	4	9308.28	67
C	Apr 2012	10	4	9311.81	73
A	May 2012	16	8	9316.40	81
L	Jun 2012	9	15	9312.87	75
*	Jul 2012	6	14	9307.53	66
	Aug 2012	5	18	9298.04	53
	Sep 2012	4	12	9291.53	45
	WY 2012	**79**	**106**		
	Oct 2012	4	6	9289.75	43
	Nov 2012	3	5	9288.56	41
	Dec 2012	3	5	9287.14	40
	Jan 2013	3	5	9285.39	38
	Feb 2013	2	5	9283.04	36
	Mar 2013	3	5	9280.90	34
	Apr 2013	6	5	9281.98	35
	May 2013	22	8	9294.98	49
	Jun 2013	37	15	9310.47	71
	Jul 2013	16	18	9309.01	68
	Aug 2013	8	18	9302.30	58
	Sep 2013	6	16	9294.73	48
	WY 2013	**112**	**108**		
	Oct 2013	6	10	9291.21	44
	Nov 2013	5	5	9291.46	44
	Dec 2013	5	5	9291.62	45
	Jan 2014	4	5	9291.49	44
	Feb 2014	4	5	9290.87	44
	Mar 2014	4	5	9290.82	44
	Apr 2014	9	5	9294.45	48
	May 2014	28	14	9305.02	62
	Jun 2014	42	20	9318.36	84
	Jul 2014	20	22	9317.31	82

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2012 24-Month Study

Most Probable Inflow*

Blue Mesa Reservoir

	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Aug 2011	67	79	1	123	0	123	7511.67	760
H	Sep 2011	35	48	1	108	0	108	7504.54	699
	WY 2011	**1162**	**1163**	**8**	**1046**	**19**	**1065**		
I	Oct 2011	36	38	1	93	0	93	7497.84	644
S	Nov 2011	29	29	0	37	0	37	7496.82	635
T	Dec 2011	24	26	0	87	0	87	7489.07	574
O	Jan 2012	22	23	0	52	0	52	7485.29	545
R	Feb 2012	21	22	0	34	0	34	7483.66	533
I	Mar 2012	40	39	0	32	0	32	7484.49	539
C	Apr 2012	57	51	1	58	0	58	7483.54	532
A	May 2012	74	66	1	71	0	71	7482.82	527
L	Jun 2012	45	50	1	93	0	93	7476.82	483
*	Jul 2012	30	39	1	90	0	90	7469.29	431
	Aug 2012	25	39	1	97	0	97	7460.07	372
	Sep 2012	20	28	1	79	0	79	7451.32	320
	WY 2012	**424**	**451**	**7**	**822**	**0**	**822**		
	Oct 2012	22	24	0	42	0	42	7448.02	302
	Nov 2012	19	20	0	16	0	16	7448.77	306
	Dec 2012	17	19	0	17	0	17	7449.02	307
	Jan 2013	15	17	0	18	0	18	7448.78	306
	Feb 2013	14	16	0	16	0	16	7448.90	306
	Mar 2013	24	26	0	20	0	20	7450.01	313
	Apr 2013	59	58	1	32	0	32	7454.47	338
	May 2013	182	168	1	91	0	91	7466.76	414
	Jun 2013	226	204	1	37	0	37	7489.83	580
	Jul 2013	91	93	1	88	0	88	7490.34	584
	Aug 2013	51	61	1	97	0	97	7485.58	547
	Sep 2013	35	45	1	83	0	83	7480.36	509
	WY 2013	**755**	**751**	**7**	**556**	**0**	**556**		
	Oct 2013	36	40	0	43	0	43	7479.93	505
	Nov 2013	30	30	0	15	0	15	7482.01	521
	Dec 2013	26	25	0	15	0	15	7483.44	531
	Jan 2014	24	24	0	30	0	30	7482.67	526
	Feb 2014	22	23	0	38	0	38	7480.62	511
	Mar 2014	36	36	0	41	0	41	7479.89	505
	Apr 2014	77	73	1	51	0	51	7482.76	526
	May 2014	221	207	1	118	0	118	7494.16	614
	Jun 2014	261	239	1	64	0	64	7514.79	788
	Jul 2014	117	119	2	103	0	103	7516.40	802

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2012 24-Month Study

Most Probable Inflow*

Morrow Point Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Aug 2011	68	123	1	125	124	0	124	7155.77	114
H	Sep 2011	36	108	1	109	115	0	115	7148.00	108
	WY 2011	**1236**	**1065**	**74**	**1139**	**1133**	**0**	**1139**		
I	Oct 2011	37	93	1	94	91	0	91	7151.08	110
S	Nov 2011	30	37	2	39	38	0	38	7151.73	110
T	Dec 2011	25	87	0	88	85	0	85	7154.97	113
O	Jan 2012	23	52	1	53	52	0	52	7155.61	113
R	Feb 2012	22	34	1	35	35	0	35	7155.27	113
I	Mar 2012	43	32	2	35	34	0	34	7156.25	114
C	Apr 2012	63	58	6	64	63	0	63	7157.05	115
A	May 2012	80	71	6	76	79	0	79	7154.07	112
L	Jun 2012	45	93	1	93	93	0	93	7154.59	113
*	Jul 2012	31	90	0	90	89	0	89	7155.86	114
	Aug 2012	26	97	1	98	100	0	100	7153.73	112
	Sep 2012	22	79	2	81	81	0	81	7153.73	112
	WY 2012	**447**	**822**	**23**	**845**	**840**	**0**	**840**		
	Oct 2012	24	42	2	44	44	0	44	7153.73	112
	Nov 2012	21	16	2	18	18	0	18	7153.73	112
	Dec 2012	18	17	1	18	18	0	18	7153.73	112
	Jan 2013	16	18	1	19	19	0	19	7153.73	112
	Feb 2013	15	16	1	17	17	0	17	7153.73	112
	Mar 2013	27	20	3	23	23	0	23	7153.73	112
	Apr 2013	68	32	9	41	41	0	41	7153.73	112
	May 2013	202	91	20	111	111	0	111	7153.73	112
	Jun 2013	242	37	16	53	53	0	53	7153.73	112
	Jul 2013	95	88	4	92	92	0	92	7153.73	112
	Aug 2013	55	97	4	101	101	0	101	7153.73	112
	Sep 2013	37	83	2	85	85	0	85	7153.73	112
	WY 2013	**820**	**556**	**65**	**621**	**621**	**0**	**621**		
	Oct 2013	38	43	2	45	45	0	45	7153.73	112
	Nov 2013	32	15	2	17	17	0	17	7153.73	112
	Dec 2013	28	15	2	17	17	0	17	7153.73	112
	Jan 2014	27	30	2	32	32	0	32	7153.73	112
	Feb 2014	25	38	3	41	41	0	41	7153.73	112
	Mar 2014	40	41	4	45	45	0	45	7153.73	112
	Apr 2014	88	51	11	62	62	0	62	7153.73	112
	May 2014	247	118	26	144	144	0	144	7153.73	112
	Jun 2014	281	64	20	84	84	0	84	7153.73	112
	Jul 2014	123	103	6	109	109	0	109	7153.73	112

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2012 24-Month Study

Most Probable Inflow*

Crystal Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
*	Aug 2011	75	124	7	131	126	2	129	6748.39	16	66	70
H	Sep 2011	39	115	4	119	120	0	120	6744.21	14	64	62
	WY 2011	**1375**	**1139**	**139**	**1278**	**1008**	**235**	**1279**			**413**	**912**
I	Oct 2011	41	91	4	96	94	0	94	6749.65	16	53	44
S	Nov 2011	34	38	4	42	41	1	41	6751.53	17	1	41
T	Dec 2011	28	85	3	88	89	0	89	6750.95	16	1	90
O	Jan 2012	27	52	3	56	53	3	56	6751.28	16	1	57
R	Feb 2012	26	35	3	38	15	23	38	6751.90	17	1	40
I	Mar 2012	49	34	6	40	40	0	40	6751.80	17	6	36
C	Apr 2012	71	63	8	71	71	0	71	6752.10	17	50	23
A	May 2012	86	79	6	84	86	0	86	6745.87	15	65	23
L	Jun 2012	49	93	3	96	97	0	97	6744.24	14	63	36
*	Jul 2012	35	89	4	93	93	0	93	6745.39	15	62	35
	Aug 2012	30	100	4	104	101	0	101	6753.04	17	65	36
	Sep 2012	26	81	4	85	85	0	85	6753.04	17	55	30
	WY 2012	**500**	**840**	**53**	**893**	**864**	**26**	**891**			**420**	**491**
	Oct 2012	29	44	5	49	49	0	49	6753.04	17	30	19
	Nov 2012	24	18	3	21	21	0	21	6753.04	17	0	21
	Dec 2012	21	18	3	21	21	0	21	6753.04	17	0	21
	Jan 2013	19	19	3	22	22	0	22	6753.04	17	0	22
	Feb 2013	18	17	3	20	20	0	20	6753.04	17	0	20
	Mar 2013	31	23	4	27	27	0	27	6753.04	17	5	21
	Apr 2013	78	41	10	51	51	0	51	6753.04	17	30	21
	May 2013	230	111	28	139	134	5	139	6753.04	17	55	84
	Jun 2013	270	53	28	81	81	0	81	6753.04	17	60	21
	Jul 2013	105	92	10	102	102	0	102	6753.04	17	65	37
	Aug 2013	60	101	5	106	106	0	106	6753.04	17	65	41
	Sep 2013	43	85	6	91	91	0	91	6753.04	17	55	36
	WY 2013	**928**	**621**	**108**	**729**	**724**	**5**	**729**			**365**	**363**
	Oct 2013	44	45	6	51	51	0	51	6753.04	17	30	21
	Nov 2013	37	17	5	21	21	0	21	6753.04	17	0	21
	Dec 2013	32	17	5	22	22	0	22	6753.04	17	0	22
	Jan 2014	31	32	5	37	37	0	37	6753.04	17	0	37
	Feb 2014	29	41	4	44	44	0	44	6753.04	17	0	44
	Mar 2014	46	45	6	51	51	0	51	6753.04	17	5	46
	Apr 2014	101	62	12	75	75	0	75	6753.04	17	30	45
	May 2014	281	144	34	178	134	44	178	6753.04	17	55	123
	Jun 2014	315	84	34	118	118	0	118	6753.04	17	60	58
	Jul 2014	138	109	14	123	123	0	123	6753.04	17	65	58

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2012 24-Month Study

Most Probable Inflow*

Vallecito Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Aug 2011	9	37	7647.29	81
H	Sep 2011	8	29	7637.58	59
	WY 2011	**225**	**222**		
I	Oct 2011	15	9	7640.42	65
S	Nov 2011	9	2	7643.33	72
T	Dec 2011	5	2	7644.76	75
O	Jan 2012	5	3	7645.42	76
R	Feb 2012	4	4	7645.50	76
I	Mar 2012	12	4	7648.84	84
C	Apr 2012	36	3	7661.80	117
A	May 2012	42	35	7664.36	124
L	Jun 2012	17	36	7656.80	104
*	Jul 2012	11	35	7647.02	80
	Aug 2012	10	30	7637.66	59
	Sep 2012	11	16	7635.00	54
	WY 2012	**177**	**179**		
	Oct 2012	9	6	7636.53	57
	Nov 2012	6	1	7638.69	62
	Dec 2012	5	2	7640.30	65
	Jan 2013	4	2	7641.50	68
	Feb 2013	4	1	7642.43	70
	Mar 2013	6	2	7644.35	74
	Apr 2013	19	3	7651.25	90
	May 2013	70	34	7664.96	125
	Jun 2013	75	75	7664.62	124
	Jul 2013	28	42	7659.29	110
	Aug 2013	19	38	7651.65	91
	Sep 2013	15	30	7645.32	76
	WY 2013	**260**	**235**		
	Oct 2013	14	17	7643.89	73
	Nov 2013	8	5	7645.26	76
	Dec 2013	6	5	7645.68	77
	Jan 2014	5	5	7645.66	77
	Feb 2014	5	5	7645.70	77
	Mar 2014	9	3	7648.00	82
	Apr 2014	23	3	7656.18	102
	May 2014	71	48	7664.97	125
	Jun 2014	70	70	7664.93	125
	Jul 2014	29	42	7659.99	112

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2012 24-Month Study

Most Probable Inflow*

Navajo Reservoir

	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azetea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Farmington Flow (1000 Ac-Ft)
*	Aug 2011	3	2	29	4	47	46	6060.64	1356	47
H	Sep 2011	15	2	35	3	20	40	6058.35	1327	53
	WY 2011	**737**	**93**	**641**	**28**	**220**	**478**			**891**
I	Oct 2011	54	4	44	2	10	33	6058.32	1327	55
S	Nov 2011	31	1	23	1	0	21	6058.38	1327	47
T	Dec 2011	19	0	16	1	1	31	6057.10	1311	54
O	Jan 2012	18	0	16	1	1	30	6055.85	1296	50
R	Feb 2012	19	0	18	1	1	28	6054.95	1285	46
I	Mar 2012	74	7	61	2	6	31	6056.81	1308	70
C	Apr 2012	149	18	98	2	27	30	6059.88	1346	96
A	May 2012	131	17	105	4	34	110	6056.40	1303	176
L	Jun 2012	20	4	35	4	46	42	6051.70	1246	57
*	Jul 2012	10	1	33	4	44	52	6045.91	1178	60
	Aug 2012	12	0	32	3	39	52	6040.27	1116	52
	Sep 2012	23	0	28	2	22	36	6037.25	1083	36
	WY 2012	**559**	**53**	**508**	**26**	**230**	**496**			**798**
	Oct 2012	28	0	25	1	6	22	6036.85	1079	22
	Nov 2012	22	0	17	1	0	21	6036.46	1075	21
	Dec 2012	19	0	16	1	0	22	6035.84	1068	22
	Jan 2013	16	0	13	1	0	22	6035.00	1060	22
	Feb 2013	21	0	19	1	0	19	6034.88	1059	19
	Mar 2013	71	3	64	1	2	22	6038.59	1098	22
	Apr 2013	145	15	114	2	18	21	6045.27	1171	21
	May 2013	260	37	187	3	32	95	6050.14	1227	95
	Jun 2013	225	31	194	4	48	31	6059.28	1339	31
	Jul 2013	50	6	58	4	53	25	6057.28	1314	25
	Aug 2013	38	2	55	3	45	34	6055.07	1286	34
	Sep 2013	31	0	45	3	26	29	6054.13	1275	29
	WY 2013	**926**	**94**	**806**	**25**	**229**	**361**			**361**
	Oct 2013	38	1	40	2	7	22	6054.94	1285	22
	Nov 2013	30	1	26	1	0	21	6055.33	1289	21
	Dec 2013	25	0	24	1	0	22	6055.47	1291	22
	Jan 2014	22	0	22	1	0	22	6055.45	1291	22
	Feb 2014	30	0	30	1	0	19	6056.25	1301	19
	Mar 2014	92	3	84	2	2	22	6060.95	1360	22
	Apr 2014	170	15	135	3	18	38	6066.85	1438	38
	May 2014	277	37	216	4	33	122	6071.05	1495	122
	Jun 2014	224	31	192	5	48	198	6066.72	1436	198
	Jul 2014	66	6	73	5	53	22	6066.21	1429	22

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2012 24-Month Study

Most Probable Inflow*

Lake Powell

	Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry (1000 Ac-Ft)
*	Aug 2011	664	780	74	1479	0	1479	3655.34	5485	17890	1501
H	Sep 2011	456	669	67	922	0	922	3653.01	5461	17593	957
	WY 2011	**15971**	**15498**	**467**	**12518**	**0**	**12518**				**12731**
I	Oct 2011	513	630	45	956	0	956	3650.27	5434	17249	979
S	Nov 2011	506	530	43	1099	0	1099	3645.67	5388	16683	1104
T	Dec 2011	363	490	33	1223	0	1223	3639.75	5332	15974	1226
O	Jan 2012	356	503	10	852	0	852	3636.91	5305	15641	846
R	Feb 2012	342	460	11	653	0	653	3635.28	5290	15453	654
I	Mar 2012	560	625	19	600	0	600	3635.33	5290	15458	607
C	Apr 2012	764	689	29	606	0	606	3635.76	5294	15508	612
A	May 2012	792	770	35	601	0	601	3636.83	5304	15632	606
L	Jun 2012	353	398	54	709	0	709	3633.90	5277	15294	712
*	Jul 2012	154	285	62	886	0	886	3628.45	5228	14680	892
	Aug 2012	200	381	60	802	0	802	3624.39	5192	14234	802
	Sep 2012	250	378	54	476	0	476	3623.08	5181	14093	476
	WY 2012	**5153**	**6138**	**456**	**9463**	**0**	**9463**				**9517**
	Oct 2012	350	382	37	491	0	491	3621.82	5170	13957	491
	Nov 2012	350	355	36	600	0	600	3619.37	5149	13697	600
	Dec 2012	300	323	28	800	0	800	3614.89	5112	13229	800
	Jan 2013	275	299	9	800	0	800	3610.27	5074	12757	800
	Feb 2013	275	283	9	675	0	675	3606.55	5045	12386	675
	Mar 2013	475	388	15	600	0	600	3604.41	5028	12176	600
	Apr 2013	750	567	24	600	0	600	3603.87	5024	12123	600
	May 2013	1850	1564	29	600	0	600	3612.56	5093	12990	600
	Jun 2013	2400	1928	47	800	0	800	3622.13	5173	13991	800
	Jul 2013	1000	935	58	840	0	840	3622.45	5176	14025	840
	Aug 2013	450	557	58	824	0	824	3619.63	5152	13724	824
	Sep 2013	375	489	53	600	0	600	3618.19	5139	13573	600
	WY 2013	**8850**	**8070**	**402**	**8230**	**0**	**8230**				**8230**
	Oct 2013	484	523	36	600	0	600	3617.19	5131	13468	600
	Nov 2013	460	479	35	600	0	600	3615.80	5120	13323	600
	Dec 2013	363	409	27	800	0	800	3612.03	5089	12936	800
	Jan 2014	361	422	8	800	0	800	3608.49	5060	12579	800
	Feb 2014	393	440	9	600	0	600	3606.91	5047	12422	600
	Mar 2014	665	598	15	600	0	600	3606.75	5046	12406	600
	Apr 2014	1056	888	24	600	0	600	3609.20	5066	12650	600
	May 2014	2343	2047	30	600	0	600	3621.87	5171	13963	600
	Jun 2014	2666	2357	51	650	0	650	3635.66	5293	15496	650
	Jul 2014	1091	983	64	890	0	890	3635.89	5296	15523	890

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2012 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Glen Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Aug 2011	1479	96	80	831	13.5	28	829	827	1113.45	12730
H	Sep 2011	922	96	67	670	11.3	18	668	844	1116.04	12977
	WY 2011	**12518**	**1157**	**578**	**9799**		**225**	**9676**			
I	Oct 2011	956	66	49	443	7.2	20	436	875	1121.00	13456
S	Nov 2011	1099	36	50	564	9.5	13	561	906	1125.82	13933
T	Dec 2011	1223	84	45	497	8.1	9	482	952	1132.83	14644
O	Jan 2012	852	55	37	713	11.6	9	712	976	1134.18	15022
R	Feb 2012	653	44	34	775	13.5	10	775	969	1133.06	14907
I	Mar 2012	600	43	38	986	16.0	16	985	945	1129.41	14535
C	Apr 2012	606	46	46	1170	19.7	20	1163	909	1123.93	13986
A	May 2012	601	16	52	1008	16.4	30	1007	880	1119.38	13541
L	Jun 2012	709	8	62	989	16.6	29	989	858	1115.84	13200
*	Jul 2012	886	70	77	841	13.7	29	819	858	1115.92	13207
	Aug 2012	802	103	82	759	12.3	28	759	861	1116.28	13242
	Sep 2012	476	74	67	718	12.1	18	718	845	1113.80	13005
	WY 2012	**9463**	**645**	**638**	**9464**		**232**	**9405**			
	Oct 2012	491	49	49	324	5.3	20	324	854	1115.25	13143
	Nov 2012	600	46	49	529	8.9	18	529	857	1115.73	13190
	Dec 2012	800	108	42	501	8.2	15	501	879	1119.14	13517
	Jan 2013	800	78	35	671	10.9	16	671	888	1120.64	13664
	Feb 2013	675	98	32	677	12.2	15	677	891	1121.11	13710
	Mar 2013	600	78	36	1031	16.8	21	1031	866	1117.15	13325
	Apr 2013	600	76	44	1105	18.6	17	1105	836	1112.32	12865
	May 2013	600	64	50	988	16.1	27	988	812	1108.29	12488
	Jun 2013	800	33	59	932	15.7	23	932	801	1106.45	12318
	Jul 2013	840	54	73	928	15.1	25	928	793	1105.09	12194
	Aug 2013	824	103	77	836	13.6	27	836	792	1104.95	12182
	Sep 2013	600	74	64	655	11.0	19	655	788	1104.30	12123
	WY 2013	**8230**	**861**	**610**	**9177**		**245**	**9177**			
	Oct 2013	600	49	46	433	7.0	23	433	797	1105.81	12260
	Nov 2013	600	46	47	523	8.8	22	523	800	1106.36	12311
	Dec 2013	800	108	41	454	7.4	17	454	824	1110.38	12683
	Jan 2014	800	78	34	674	11.0	20	674	834	1111.89	12824
	Feb 2014	600	98	31	680	12.2	18	680	832	1111.58	12795
	Mar 2014	600	78	34	1034	16.8	24	1034	806	1107.39	12405
	Apr 2014	600	76	42	1109	18.6	20	1109	776	1102.28	11940
	May 2014	600	64	47	992	16.1	31	992	751	1098.01	11558
	Jun 2014	650	33	56	936	15.7	26	936	731	1094.44	11244
	Jul 2014	890	54	70	932	15.2	28	932	726	1093.52	11163

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2012 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Aug 2011	831	-6	23	822	0	822	13.4	642.38	1682
H	Sep 2011	670	-6	18	717	0	717	12.1	639.73	1610
	WY 2011	**9799**	**-120**	**198**	**9446**	**0**	**9446**			
I	Oct 2011	443	7	15	611	0	611	9.9	633.03	1435
S	Nov 2011	564	-11	10	466	0	466	7.8	635.99	1511
T	Dec 2011	497	-28	9	385	0	385	6.3	638.82	1586
O	Jan 2012	713	-23	10	638	0	638	10.4	640.38	1628
R	Feb 2012	775	-18	10	726	0	726	12.6	641.20	1650
I	Mar 2012	986	-23	13	931	0	931	15.1	641.93	1670
C	Apr 2012	1170	-24	17	1091	0	1091	18.3	643.35	1708
A	May 2012	1008	-14	22	980	0	980	15.9	643.06	1700
L	Jun 2012	989	-19	25	952	0	952	16.0	642.80	1693
*	Jul 2012	841	-9	25	805	0	805	13.1	642.89	1696
	Aug 2012	759	-7	23	747	0	747	12.2	642.20	1677
	Sep 2012	718	0	18	772	0	772	13.0	639.51	1604
	WY 2012	**9464**	**-170**	**197**	**9103**	**0**	**9103**			
	Oct 2012	324	0	14	543	0	543	8.8	630.49	1371
	Nov 2012	529	-15	10	390	0	390	6.5	635.00	1486
	Dec 2012	501	-19	9	376	0	376	6.1	638.71	1583
	Jan 2013	671	-13	10	565	0	565	9.2	641.80	1666
	Feb 2013	677	-6	10	661	0	661	11.9	641.80	1666
	Mar 2013	1031	-14	13	969	0	969	15.8	643.05	1700
	Apr 2013	1105	-14	17	1076	0	1076	18.1	643.00	1699
	May 2013	988	-14	22	952	0	952	15.5	643.00	1699
	Jun 2013	932	-10	25	924	0	924	15.5	642.00	1671
	Jul 2013	928	-4	25	912	0	912	14.8	641.50	1658
	Aug 2013	836	-7	23	806	0	806	13.1	641.50	1658
	Sep 2013	655	0	18	730	0	730	12.3	638.00	1564
	WY 2013	**9177**	**-118**	**196**	**8902**	**0**	**8902**			
	Oct 2013	433	0	15	549	0	549	8.9	633.00	1434
	Nov 2013	523	-15	10	446	0	446	7.5	635.00	1486
	Dec 2013	454	-19	9	328	0	328	5.3	638.71	1583
	Jan 2014	674	-13	10	568	0	568	9.2	641.80	1666
	Feb 2014	680	-6	10	664	0	664	12.0	641.80	1666
	Mar 2014	1034	-14	13	973	0	973	15.8	643.05	1700
	Apr 2014	1109	-14	17	1080	0	1080	18.2	643.00	1699
	May 2014	992	-14	22	956	0	956	15.5	643.00	1699
	Jun 2014	936	-10	25	927	0	927	15.6	642.00	1671
	Jul 2014	932	-4	25	916	0	916	14.9	641.50	1658

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2126

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2012 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	Aug 2011	822	25	17	669	10.9	91	60	448.13	583	97	1.6
H	Sep 2011	717	30	15	538	9.0	83	102	448.28	585	91	1.5
	WY 2011	**9446**	**263**	**140**	**6837**		**963**	**1657**			**1634**	
I	Oct 2011	611	31	12	472	7.7	8	149	447.97	579	62	1.0
S	Nov 2011	466	37	9	321	5.4	7	175	447.32	567	93	1.6
T	Dec 2011	385	27	6	267	4.3	15	151	445.69	537	108	1.7
O	Jan 2012	638	11	6	382	6.2	54	187	446.61	554	131	2.1
R	Feb 2012	726	10	8	497	8.6	49	169	447.10	563	159	2.8
I	Mar 2012	931	8	9	711	11.6	21	187	447.23	565	187	3.0
C	Apr 2012	1091	23	11	785	13.2	97	180	449.13	602	183	3.1
A	May 2012	980	25	13	709	11.5	100	179	448.81	596	99	1.6
L	Jun 2012	952	10	15	719	12.1	97	130	448.23	584	103	1.7
*	Jul 2012	805	47	17	675	11.0	101	35	448.91	598	124	2.0
	Aug 2012	747	22	17	577	9.4	101	69	448.50	589	92	1.5
	Sep 2012	772	20	15	555	9.3	77	148	447.80	576	89	1.5
	WY 2012	**9103**	**273**	**140**	**6668**		**726**	**1758**			**1430**	
	Oct 2012	543	23	12	445	7.2	2	127	446.31	548	55	0.9
	Nov 2012	390	32	8	366	6.1	2	35	446.50	552	86	1.4
	Dec 2012	376	26	6	260	4.2	2	128	446.50	552	89	1.5
	Jan 2013	565	15	6	348	5.7	82	140	446.50	552	122	2.0
	Feb 2013	661	7	8	448	8.1	72	135	446.50	552	153	2.8
	Mar 2013	969	18	9	708	11.5	82	177	446.70	555	208	3.4
	Apr 2013	1076	19	11	788	13.2	78	171	448.70	593	200	3.4
	May 2013	952	18	13	686	11.2	82	177	448.70	593	111	1.8
	Jun 2013	924	15	16	677	11.4	78	154	448.70	593	112	1.9
	Jul 2013	912	21	17	736	12.0	82	98	448.00	580	118	1.9
	Aug 2013	806	22	17	629	10.2	82	97	447.50	571	92	1.5
	Sep 2013	730	20	15	540	9.1	52	146	446.81	557	89	1.5
	WY 2013	**8902**	**237**	**139**	**6629**		**696**	**1587**			**1437**	
	Oct 2013	549	23	12	447	7.3	5	109	446.31	548	72	1.2
	Nov 2013	446	32	8	378	6.4	5	77	446.50	552	105	1.8
	Dec 2013	328	26	6	282	4.6	6	55	446.50	552	118	1.9
	Jan 2014	568	15	6	350	5.7	82	140	446.50	552	122	2.0
	Feb 2014	664	7	8	451	8.1	72	135	446.50	552	153	2.8
	Mar 2014	973	18	9	711	11.6	82	177	446.70	555	208	3.4
	Apr 2014	1080	19	11	792	13.3	78	171	448.70	593	200	3.4
	May 2014	956	18	13	690	11.2	82	177	448.70	593	111	1.8
	Jun 2014	927	15	16	681	11.4	78	154	448.70	593	112	1.9
	Jul 2014	916	21	17	740	12.0	82	98	448.00	580	118	1.9

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2012 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Aug 2011	831	13.5	1113.45	12730	597	469.04	1721.0	338.8	100	407.7
H	Sep 2011	670	11.3	1116.04	12977	247	473.88	1757.0	272.0	100	406.1
	WY 2011	**9799**							**3848.4**		
I	Oct 2011	443	7.2	1121.00	13456	479	478.70	1311.0	178.9	74	403.5
S	Nov 2011	564	9.5	1125.82	13933	477	481.61	1110.0	233.8	61	414.3
T	Dec 2011	497	8.1	1132.83	14644	711	488.04	1374.0	207.2	75	417.3
O	Jan 2012	713	11.6	1134.18	15022	139	485.97	1146.0	308.0	61	432.1
R	Feb 2012	775	13.5	1133.06	14907	-115	484.32	1282.0	338.6	68	436.7
I	Mar 2012	986	16.0	1129.41	14535	-372	481.45	1047.0	427.4	56	433.4
C	Apr 2012	1170	19.7	1123.93	13986	-548	475.07	1164.0	505.3	62	432.0
A	May 2012	1008	16.4	1119.38	13541	-445	471.90	1050.0	429.0	56	425.4
L	Jun 2012	989	16.6	1115.84	13200	-341	470.21	1829.0	414.2	100	418.8
*	Jul 2012	841	13.7	1115.92	13207	8	471.23	1374.0	349.7	76	415.6
	Aug 2012	759	12.3	1116.28	13242	35	462.64	1809.0	312.6	100	412.1
	Sep 2012	718	12.1	1113.80	13005	-237	462.70	1780.0	294.9	100	410.9
	WY 2012	**9464**							**3999.8**		
	Oct 2012	324	5.3	1115.25	13143	138	466.23	1507.0	124.2	85	383.0
	Nov 2012	529	8.9	1115.73	13190	46	471.67	1262.0	217.4	71	410.6
	Dec 2012	501	8.2	1119.14	13517	328	470.11	1410.0	208.5	78	415.9
	Jan 2013	671	10.9	1120.64	13664	146	472.41	1073.0	283.1	59	421.8
	Feb 2013	677	12.2	1121.11	13710	46	472.38	1076.0	290.2	59	428.9
	Mar 2013	1031	16.8	1117.15	13325	-385	468.14	1402.0	436.0	78	423.0
	Apr 2013	1105	18.6	1112.32	12865	-460	462.47	1525.0	466.4	86	422.0
	May 2013	988	16.1	1108.29	12488	-377	457.89	1535.0	403.8	88	408.6
	Jun 2013	932	15.7	1106.45	12318	-170	454.00	1732.0	380.9	100	408.7
	Jul 2013	928	15.1	1105.09	12194	-124	452.90	1725.0	376.6	100	405.8
	Aug 2013	836	13.6	1104.95	12182	-13	452.32	1725.0	341.8	100	408.9
	Sep 2013	655	11.0	1104.30	12123	-59	453.07	1722.0	260.8	100	398.4
	WY 2013	**9177**							**3789.6**		
	Oct 2013	433	7.0	1105.81	12260	138	457.07	1501.0	172.3	87	397.7
	Nov 2013	523	8.8	1106.36	12311	50	459.63	1520.0	208.4	88	398.4
	Dec 2013	454	7.4	1110.38	12683	372	460.02	1543.0	182.5	88	402.3
	Jan 2014	674	11.0	1111.89	12824	142	463.69	1039.9	279.9	59	415.5
	Feb 2014	680	12.2	1111.58	12795	-29	463.27	1041.1	286.8	59	421.9
	Mar 2014	1034	16.8	1107.39	12405	-390	458.54	1373.9	429.7	78	415.5
	Apr 2014	1109	18.6	1102.28	11940	-465	452.63	1518.1	459.1	86	413.9
	May 2014	992	16.1	1098.01	11558	-382	447.79	1549.1	397.5	88	400.6
	Jun 2014	936	15.7	1094.44	11244	-315	442.94	1758.0	374.1	100	399.7
	Jul 2014	932	15.2	1093.52	11163	-81	441.20	1758.0	369.4	100	396.3

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2012 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Aug 2011	822	13.4	642.38	1682	-20	140.95	255.0	103.5	100	125.9
H	Sep 2011	717	12.1	639.73	1610	-72	137.99	255.0	90.2	100	125.8
	WY 2011	**9446**							**1182.3**		
I	Oct 2011	611	9.9	633.03	1435	-175	133.41	181.1	74.4	71	121.8
S	Nov 2011	466	7.8	635.99	1511	76	134.28	170.9	57.0	67	122.2
T	Dec 2011	385	6.3	638.82	1586	74	135.59	173.4	48.1	68	124.9
O	Jan 2012	638	10.4	640.38	1628	42	138.75	170.9	77.2	67	121.0
R	Feb 2012	726	12.6	641.20	1650	22	140.80	163.2	90.8	64	125.1
I	Mar 2012	931	15.1	641.93	1670	20	140.23	204.0	117.4	80	126.2
C	Apr 2012	1091	18.3	643.35	1708	39	142.08	249.9	147.4	98	135.2
A	May 2012	980	15.9	643.06	1700	-8	141.39	252.5	128.9	99	131.5
L	Jun 2012	952	16.0	642.80	1693	-7	140.12	255.0	122.6	100	128.8
*	Jul 2012	805	13.1	642.89	1696	2	143.36	255.0	100.7	100	125.1
	Aug 2012	747	12.2	642.20	1677	-19	135.63	252.5	94.0	99	125.8
	Sep 2012	772	13.0	639.51	1604	-73	133.79	255.0	95.7	100	124.0
	WY 2012	**9103**							**1154.2**		
	Oct 2012	543	8.8	630.49	1371	-233	129.12	204.0	65.3	80	120.2
	Nov 2012	390	6.5	635.00	1486	115	127.85	170.9	46.4	67	119.1
	Dec 2012	376	6.1	638.71	1583	97	131.72	183.6	46.2	72	123.0
	Jan 2013	565	9.2	641.80	1666	83	135.61	173.4	70.5	68	124.8
	Feb 2013	661	11.9	641.80	1666	0	136.23	204.0	82.7	80	125.2
	Mar 2013	969	15.8	643.05	1700	34	135.78	242.3	120.7	95	124.5
	Apr 2013	1076	18.1	643.00	1699	-2	136.07	255.0	133.9	100	124.4
	May 2013	952	15.5	643.00	1699	0	136.04	255.0	119.1	100	125.1
	Jun 2013	924	15.5	642.00	1671	-27	135.51	255.0	115.1	100	124.7
	Jul 2013	912	14.8	641.50	1658	-14	134.73	255.0	113.2	100	124.2
	Aug 2013	806	13.1	641.50	1658	0	134.46	255.0	100.4	100	124.5
	Sep 2013	730	12.3	638.00	1564	-94	132.62	255.0	89.9	100	123.2
	WY 2013	**8902**							**1103.5**		
	Oct 2013	549	8.9	633.00	1434	-130	129.17	219.3	66.2	86	120.6
	Nov 2013	446	7.5	635.00	1486	51	126.85	244.8	53.5	96	119.9
	Dec 2013	328	5.3	638.71	1583	97	130.29	229.5	40.5	90	123.3
	Jan 2014	568	9.2	641.80	1666	83	134.09	221.9	70.9	87	124.8
	Feb 2014	664	12.0	641.80	1666	0	136.08	209.1	83.1	82	125.2
	Mar 2014	973	15.8	643.05	1700	34	135.86	239.7	121.1	94	124.5
	Apr 2014	1080	18.2	643.00	1699	-2	136.07	255.0	134.4	100	124.4
	May 2014	956	15.5	643.00	1699	0	136.04	255.0	119.6	100	125.1
	Jun 2014	927	15.6	642.00	1671	-27	135.51	255.0	115.6	100	124.6
	Jul 2014	916	14.9	641.50	1658	-14	134.73	255.0	113.7	100	124.2

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2012 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Aug 2011	669	10.9	448.13	583	-2	82.04	120.0	46.1	100	68.9
H	Sep 2011	538	9.0	448.28	585	3	82.16	120.0	39.4	100	73.2
	WY 2011	**6837**							**474.2**		
I	Oct 2011	472	7.7	447.97	579	-6	81.92	92.4	31.5	77	66.8
S	Nov 2011	321	5.4	447.32	567	-12	80.93	102.0	22.1	85	69.1
T	Dec 2011	267	4.3	445.69	537	-30	81.08	67.2	17.7	56	66.2
O	Jan 2012	382	6.2	446.61	554	17	80.68	67.2	25.6	56	67.1
R	Feb 2012	497	8.6	447.10	563	9	80.85	94.8	35.1	79	70.7
I	Mar 2012	711	11.6	447.23	565	2	81.75	97.2	48.8	81	68.6
C	Apr 2012	785	13.2	449.13	602	36	83.37	120.0	54.1	100	69.0
A	May 2012	709	11.5	448.81	596	-6	81.37	111.6	49.6	93	69.9
L	Jun 2012	719	12.1	448.23	584	-11	79.00	120.0	49.7	100	69.1
*	Jul 2012	675	11.0	448.91	598	13	82.94	120.0	46.8	100	69.4
	Aug 2012	577	9.4	448.50	589	-8	76.06	120.0	38.1	100	66.0
	Sep 2012	555	9.3	447.80	576	-13	75.52	120.0	36.5	100	65.6
	WY 2012	**6668**							**455.6**		
	Oct 2012	445	7.2	446.31	548	-28	75.25	102.0	28.9	85	64.9
	Nov 2012	366	6.1	446.50	552	3	74.62	102.0	23.4	85	64.0
	Dec 2012	260	4.2	446.50	552	0	74.71	102.0	16.3	85	62.5
	Jan 2013	348	5.7	446.50	552	0	74.71	102.0	22.1	85	63.7
	Feb 2013	448	8.1	446.50	552	0	73.92	120.0	28.7	100	64.1
	Mar 2013	708	11.5	446.70	555	4	74.01	120.0	46.0	100	64.9
	Apr 2013	788	13.2	448.70	593	38	75.08	120.0	52.0	100	66.0
	May 2013	686	11.2	448.70	593	0	76.05	120.0	45.6	100	66.4
	Jun 2013	677	11.4	448.70	593	0	76.05	120.0	45.0	100	66.5
	Jul 2013	736	12.0	448.00	580	-13	75.71	120.0	48.8	100	66.3
	Aug 2013	629	10.2	447.50	571	-10	75.13	120.0	41.2	100	65.6
	Sep 2013	540	9.1	446.81	557	-13	74.55	120.0	35.0	100	64.9
	WY 2013	**6629**							**433.0**		
	Oct 2013	447	7.3	446.31	548	-9	74.77	102.0	28.9	85	64.6
	Nov 2013	378	6.4	446.50	552	3	74.62	102.0	24.2	85	64.1
	Dec 2013	282	4.6	446.50	552	0	74.71	102.0	17.7	85	62.8
	Jan 2014	350	5.7	446.50	552	0	74.71	102.0	22.3	85	63.8
	Feb 2014	451	8.1	446.50	552	0	73.92	120.0	28.9	100	64.2
	Mar 2014	711	11.6	446.70	555	4	74.01	120.0	46.2	100	64.9
	Apr 2014	792	13.3	448.70	593	38	75.08	120.0	52.3	100	66.0
	May 2014	690	11.2	448.70	593	0	76.05	120.0	45.8	100	66.4
	Jun 2014	681	11.4	448.70	593	0	76.05	120.0	45.3	100	66.5
	Jul 2014	740	12.0	448.00	580	-13	75.71	120.0	49.1	100	66.3

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2012 24-Month Study

Most Probable Inflow*

Upper Basin Power

	Date	Glen Canyon 1000 MWHR	Flaming Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Reservoir 1000 MWHR	Fontenelle Reservoir 1000 MWHR
*	Aug 2011	706	60	39	44	22	8
H	Sep 2011	442	58	34	41	22	6
	Summer 2011	**3425**	**386**	**179**	**248**	**111**	**30**
I	Oct 2011	446	48	28	33	18	5
S	Nov 2011	508	34	11	13	7	2
T	Dec 2011	563	43	25	30	17	6
O	Jan 2012	388	58	15	18	10	5
R	Feb 2012	295	54	9	12	2	4
I	Mar 2012	275	62	9	12	6	4
	Winter 2012	**2475**	**300**	**97**	**117**	**61**	**26**
C	Apr 2012	276	47	16	22	14	4
A	May 2012	276	61	19	28	17	4
L	Jun 2012	324	34	26	33	19	7
*	Jul 2012	398	33	24	31	18	6
	Aug 2012	334	29	27	36	17	6
	Sep 2012	197	26	21	29	15	5
	Summer 2012	**1805**	**230**	**133**	**179**	**99**	**33**
	Oct 2012	203	19	11	16	8	5
	Nov 2012	247	17	4	6	4	5
	Dec 2012	327	18	4	6	4	5
	Jan 2013	323	18	5	7	4	5
	Feb 2013	270	16	4	6	3	4
	Mar 2013	239	18	5	8	5	4
	Winter 2013	**1609**	**106**	**33**	**50**	**27**	**28**
	Apr 2013	238	17	8	15	9	4
	May 2013	240	35	25	40	23	6
	Jun 2013	327	59	11	19	14	9
	Jul 2013	347	35	26	33	18	10
	Aug 2013	339	35	28	36	18	8
	Sep 2013	246	34	24	31	16	6
	Summer 2013	**1737**	**216**	**122**	**174**	**98**	**42**
	Oct 2013	245	35	12	16	9	6
	Nov 2013	244	34	4	6	4	6
	Dec 2013	324	35	4	6	4	6
	Jan 2014	322	35	9	12	6	6
	Feb 2014	240	32	11	15	8	5
	Mar 2014	240	35	12	16	9	5
	Winter 2014	**1376**	**171**	**40**	**54**	**30**	**28**
	Apr 2014	240	34	15	22	13	5
	May 2014	244	50	35	52	23	7
	Jun 2014	272	82	20	30	20	9
	Jul 2014	377	37	32	39	21	10

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2012 24-Month Study

Most Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions

Date	Flaming George KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Total KAF	Flaming George KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****CREDITABLE SPACE****										
Aug 2012	676	399	518	9642	11235	14170	25404	676	399	518	1593	9642	14170	25404	1500	759	0	34.8
Sep 2012	720	458	580	10088	11846	14135	25980	720	458	580	1758	10088	14135	25980	2270	718	0	34.2
Oct 2012	765	510	613	10229	12116	14372	26488	765	510	613	1887	10229	14372	26488	3040	324	0	33.9
Nov 2012	785	528	617	10365	12295	14234	26529	785	528	617	1930	10365	14234	26529	3810	529	0	33.8
Dec 2012	799	524	621	10625	12569	14187	26756	799	524	621	1944	10625	14187	26756	4580	501	0	33.7
Jan 2013	822	522	628	11093	13065	13860	26924	822	522	628	1972	11093	13860	26924	5350	671	0	33.4
								****EFFECTIVE SPACE****										
Jan 2013	822	522	628	11093	13065	13860	26924	442	310	414	1166	11093	13860	26118	5350	671	0	33.4
Feb 2013	840	524	636	11565	13565	13713	27278	457	313	422	1192	11565	13713	26470	1500	677	0	33.1
Mar 2013	852	523	637	11936	13948	13667	27615	466	315	423	1203	11936	13667	26805	1500	1031	0	32.6
Apr 2013	819	517	598	12146	14081	14052	28132	428	310	380	1118	12146	14052	27316	1500	1105	0	32.3
May 2013	762	491	525	12199	13978	14512	28490	363	283	287	934	12199	14512	27644	1500	988	0	33.0
Jun 2013	673	415	469	11332	12890	14889	27779	264	192	196	651	11332	14889	26873	1500	932	0	34.3
Jul 2013	519	249	357	10331	11457	15059	26516	96	3	32	131	10331	15059	25521	1500	928	0	34.2
								****CREDITABLE SPACE****										
Aug 2013	441	246	382	10297	11366	15183	26549	441	246	382	1069	10297	15183	26549	1500	836	0	33.8
Sep 2013	474	282	410	10598	11764	15195	26959	474	282	410	1166	10598	15195	26959	2270	655	0	33.3
Oct 2013	529	321	421	10749	12020	15254	27275	529	321	421	1271	10749	15254	27275	3040	433	0	33.2
Nov 2013	577	324	411	10854	12166	15117	27283	577	324	411	1312	10854	15117	27283	3810	523	0	33.1
Dec 2013	623	309	407	10999	12337	15066	27403	623	309	407	1339	10999	15066	27403	4580	454	0	33.2
Jan 2014	686	298	405	11386	12775	14694	27469	686	298	405	1389	11386	14694	27469	5350	674	0	33.0
								****EFFECTIVE SPACE****										
Jan 2014	686	298	405	11386	12775	14694	27469	332	298	310	940	11386	14694	27020	5350	674	0	33.0
Feb 2014	743	304	405	11743	13195	14553	27748	387	304	310	1001	11743	14553	27297	1500	680	0	32.7
Mar 2014	787	319	395	11900	13402	14582	27983	429	319	299	1047	11900	14582	27529	1500	1034	0	32.4
Apr 2014	785	324	336	11916	13362	14972	28333	423	324	236	984	11916	14972	27871	1500	1109	0	32.4
May 2014	751	303	258	11672	12985	15437	28422	382	303	139	824	11672	15437	27933	1500	992	0	33.5
Jun 2014	654	215	201	10359	11430	15819	27249	275	211	44	530	10359	15819	26708	1500	936	0	35.0
Jul 2014	502	42	260	8826	9630	16133	25763	109	14	51	174	8826	16133	25133	1500	932	0	35.0

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2126

Processed On: 8/9/2012 10:11:04AM

September 24-Month Study
Date: September 11, 2012

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

Reservoir	August Inflow (unregulated) (acre-feet)	Percent of Average (%)	September 10 Midnight Elevation (feet)	Reservoir Storage (acre-feet)
Fontenelle	36,000	47	6498.09	285,000
Flaming Gorge	28,000	31	6021.85	3,045,000
Blue Mesa	28,000	44	7459.91	371,000
Navajo	360	1	6036.25	1,073,000
Powell	101,000	20	3622.87	14,070,000

Expected Operations

The operation of Lake Powell and Lake Mead in this September 2012 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines), and reflects the 2012 Annual Operating Plan (AOP). Pursuant to the Interim Guidelines, the August 2011 24-Month Study projections of the January 1, 2012, system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2012.

Consistent with Section 6.A of the Interim Guidelines, the Lake Powell operational tier for water year 2012 is the Equalization Tier. The September 2012 24-Month Study projects the water year release volume from Lake Powell for 2012 to be 9.46 maf.

Consistent with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar year 2012.

The Interim Guidelines are available for download at
http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The 2012 AOP is available for download at
http://www.usbr.gov/lc/region/g4000/aop/AOP12.pdf.

Fontenelle Reservoir – Inflows to Fontenelle Reservoir for the month of August were 36,000 acre-feet (AF), or 47 percent of average. The reservoir elevation is 6498.25 feet above sea level, 84 percent of capacity and slowly decreasing. Inflows are averaging 350 cubic feet per second (cfs) and reservoir releases are 900 cfs. Releases will likely remain near this level through the fall and winter months.

Inflows for the next three months are projected to be significantly below average: with September, October and November forecasted inflow volumes at 28,000 AF (60% of average), 32,000 AF (65% of average), and 32,000 AF (76% of average), respectively. The Colorado Basin River Forecast Center has also issued the water year 2013 outlook. Based on the August climatology and initial conditions, the forecasted inflows for water year 2013 are 955,000 AF (88% of average).

The next Fontenelle Working Group meeting is scheduled for April 25, 2013, at 10:00 am at the Seedskadee National Wildlife Refuge. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir. The autumn Fontenelle Working Group meeting was held on August 23, 2012 at Joint Powers and Water Board in Green River, Wyoming. Minutes from the meeting are posted on the Working Group webpages.

Flaming Gorge Reservoir – Unregulated inflow into Flaming Gorge Reservoir during the month of August was 28,000 acre-feet, or 31 percent of average. The reservoir elevation is 6022.9 feet and dropping. Observed inflows are approximately 700 cubic feet per second (cfs).

Continued warm and dry weather is impacting the hydrology, which is now in the dry classification. Flaming Gorge Reservoir is releasing an average daily rate of 1,100 cfs through September 30, 2012. Releases are forecasted to decrease to steady releases of 800 cfs during October, November, March and April. The winter months of December, January and February are currently forecasted to release a daily average of 1,200 cfs; however, current forecasts are subject to change based on observed hydrology.

Current Flaming Gorge hourly release pattern with daily average releases 1,100 cfs:

Midnight - 5am: 810cfs,
5am – 5pm: 1,090cfs
5pm-10pm- 1,500cfs
10pm –11pm: 910cfs
11pm – midnight: 810cfs

The Colorado Basin River Forecast Center and Natural Resources Conservation Service have issued the joint water supply forecast for the next three months. The unregulated inflow volumes and percent of average for September, October and November are forecasted to be 22 kaf (40%), 29 kaf (49%), and 32 kaf (62%), respectively.

The next Flaming Gorge Working Group meeting is scheduled for April 24, 2013, at 11:00 a.m. at the new Utah Department of Natural Resources building in Vernal, Utah, located at 318 North Vernal Avenue. The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stake holders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations and plans presented by Reclamation at these meetings. For more information on this group and these meetings please contact Ed Vidmar at 801-379-1182.

Aspinall Unit Reservoirs – August unregulated inflow into Blue Mesa Reservoir was 28,000 acre-feet or 44 percent of average. Hydrologic conditions continue to be dry in the basin; however precipitation was near normal for the month. June, July, August precipitation was 10, 150, and 95 percent of average respectively. The current inflow rate into Blue Mesa Reservoir is about 450 cfs while reservoir releases are averaging about 1,200 cfs.

Blue Mesa's present elevation is 7461.39 feet, which corresponds to a storage content of about 380,000 acre-feet. The observed April through July runoff into Blue Mesa Reservoir was recorded at 206,500 acre-feet, or 31 percent of average. The reservoir reached a high elevation of 7485.02 feet on April 13, 2012, which was approximately 34.38 feet below "full" pool. Full pool is defined by the top of the spillway gates at elevation 7519.4 feet. Rarely is the reservoir filled to that level due to safety. For practical purposes; the reservoir is considered full at elevations above 7516.4 feet.

Releases from Crystal are currently set at 1250 cfs. The Gunnison Diversion Tunnel is diverting about 750 cfs, which results in a river flow below the diversion tunnel of approximately 500 cfs. These rates will most likely change as conditions warrant, primarily as we respond to changes at the Whitewater gage as flows prescribed in the Aspinall Unit Operations Record of Decision (ROD). The ROD calls for keeping flows at the Whitewater gage at or above 900 cfs.

The last meeting of the "Aspinall Unit Working Group" was held on Thursday, August 9, 2012 starting at 1:00 PM at the Elk Creek Visitors Center at Blue Mesa Reservoir. At this meeting, review of this spring's reservoir operations, and plans for this summer and fall operations were discussed. These meetings are open forum discussions on the Aspinall Unit reservoir operations with many interested groups participating. Anyone needing further information about these meetings should contact Dan Crabtree in the Grand Junction Area Office at (970) 248-0652.

Navajo Reservoir – As a result of low forecasted river flows in the critical habitat area of the San Juan River Basin, Reclamation increased the release from Navajo Reservoir from 900 to 1000 cubic feet per second (cfs) on Saturday, September 1, 2012, beginning at 4:00 a.m. Releases are made for the authorized purposes of the Navajo Unit, and to attempt to maintain a target base flow through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell).

The San Juan River Basin Recovery Implementation Program recommends a target base flow of between 500 cfs and 1,000 cfs through the critical habitat area. The target base flow is calculated as the weekly average of gaged flows throughout the critical habitat area, therefore daily flows of less than 500 cfs may occur at some gages.

Reclamation continues to closely monitor weather and stream flow conditions and make adjustments to the Navajo Reservoir release as necessary.

Unregulated inflow into Navajo Reservoir during the month of August was only 360 acre-feet, or 1% of average. Unregulated inflow for the April to July 2012 runoff season was 310 kaf, or 42% of average. The reservoir had a seasonal peak elevation of 6061.56 feet which occurred on May 20, 2012. The current reservoir elevation is 6037.55 feet above sea level and 64% of capacity. Current inflows are approximately 250 cfs and reservoir releases are approximately 1,000 cfs. Diversions for NIIP are approximately 800 cfs.

Precipitation for the month of August in the San Juan River basin was 55 percent of average. Inflows for the next three months are projected to be significantly below average: 7 kaf (16%), 17 kaf (36%), 19 kaf (56%) for September, October, and November respectively. The Colorado Basin River Forecast Center has also issued the water year 2013 outlook. Inflows for the coming water year are projected to be 926 kaf, or 86% of average.

A public meeting on Navajo Reservoir operations was held Tuesday, August 21, 2012 at 1:00 PM at the Civic Center in Farmington, New Mexico (200 West Arrington Street). At this meeting, review of this spring's reservoir operations, and plans for this summer and fall operations were discussed. These meetings are open forum discussions on the operation of Navajo Reservoir with many interested groups participating. Anyone interested in the general operation of the reservoir is encouraged to attend. Please contact Ryan Christianson in Reclamation's Durango, Colorado Office at (970) 385-6590 for information about these meetings or the daily operation of Navajo Reservoir.

Glen Canyon Dam / Lake Powell – The monthly unregulated inflow volume to Lake Powell for August was 101 thousand acre-feet (kaf) (20% of average). The release volume from Glen Canyon Dam in August was 800 kaf. The end of August elevation and storage of Lake Powell was 3623.82 feet (76.18 feet from full pool) and 14.15 maf (58.2% of full capacity). The reservoir elevation is now declining.
The April through July unregulated inflow volume for 2012 was 2.06 maf (29% of average), placing the 2012 April to July season as the third driest on record since the closure of Glen Canyon Dam in 1963. Only 1977 and 2002 had lower April-July unregulated inflow volumes to Lake Powell than what occurred in 2012. In terms of reservoir elevation and storage, Lake Powell reached its peak for water year 2012 on June 3rd at 3636.90 ft (63.1 feet from full pool) and 15.640 maf (64.30% of capacity),

respectively. The peak elevation in 2012 is 24 feet below the 2011 peak elevation of 3660.90ft.

Current Dam Operations

In August 2011, pursuant to the Interim Guidelines, the Operating Tier for Glen Canyon Dam was established to be the Equalization Tier. Under the Equalization Tier when conditions dry out as they have this year, the minimum annual release from Lake Powell can generally be as low as 8.23 maf. However, water year 2011 was a very wet Equalization year and not all of the Equalization release volume for 2011 could be achieved by September 30, 2011. As a result, 1.233 maf of the 2011 Equalization release volume was actually released after the end of water year 2011. This increased the minimum release volume for water year 2012 under Equalization to 9.463 maf. Under the dry hydrologic conditions currently projected for Lake Powell, the water year 2012 release volume is projected to be at this minimum Equalization level of 9.463 maf. As hydrologic conditions for Lake Powell and Lake Mead change throughout the year, Reclamation will adjust operations of Glen Canyon Dam to release the appropriate annual volume during 2012 to achieve Equalization objectives as practicably as possible by September 30, 2012.

Releases from Glen Canyon Dam are now averaging approximately 8,030 cfs and are steady with no fluctuations for hydropower generation. In September and October, as part of the 2008 FONSI, releases from Glen Canyon Dam will be steady for a steady flow experiment. 2012 is the last year of the 5-year steady flow experiment. The targeted release rate for September and October of 2012 is 8,030 cfs, with volumes of 478 kaf and 494kaf, respectively. The scheduled release volume for September is 478 kaf, resulting in a total scheduled water year 2012 release volume of 9.463 maf. The scheduled release volume for November is 600 kaf with fluctuations for power generation throughout the day consistent with the Glen Canyon Operating Criteria (Federal Register, Volume 62, No. 41, March 3, 1997).

In addition to daily scheduled fluctuations for power generation, the instantaneous releases from Glen Canyon Dam may also fluctuate to provide 40 MW of system regulation. These instantaneous release adjustments stabilize the electrical generation and transmission system and translate to a range of about 1100 cfs above or below the hourly scheduled release rate. Typically, fluctuations for system regulation are very short lived and balance out over the hour and do not have noticeable impacts on downstream river flow conditions.

Releases from Glen Canyon Dam can also fluctuate beyond scheduled fluctuations for power generation when called upon as a partner that shares reserve requirements within the electrical generator community (i.e. balancing area). There are many generators that supply electricity to the transmission system within the balancing area. At times, a participating generator may experience operating conditions such that it cannot make its scheduled delivery of electricity to the system (i.e. unscheduled outage). To provide system reliability, all participating electricity generators within the balancing area

maintain a specified level of generation capacity (i.e. reserves) that can be called upon when an unscheduled outage occurs. Glen Canyon Dam typically maintains 113 MW of reserves for this purpose.

Reserve agreements allow the controllers of the balancing area to call upon Glen Canyon Dam to produce up to an additional 113 MW of electricity beyond what is originally scheduled for a given hour. Reserve calls can be maintained for a maximum of 2 hours after which time the generation rate should be returned to the original schedule. The 113 MW reserve requirement for Glen Canyon Dam translates to approximately 2,800 cfs of flow in the river. When the balancing area controllers call for reserve generation from Glen Canyon Dam, releases from the dam can exceed scheduled levels and have a noticeable impact on the river downstream from Glen Canyon Dam. But these calls for reserves are fairly infrequent and typically are for much less than the required level of 113 MW.

Current Inflow Forecasts and Model Projections

The September 24-Month study projects the annual release volume for water year 2012 will be 9.463 maf and the end of water year reservoir elevation and storage for Lake Powell will be 3622.12 (77.88 feet from full pool) and 13.989 maf (57.5% capacity), respectively.

The hydrologic outlook forecast for water year 2013 projects that the most probable (median) unregulated inflow volume will be 8.83maf (81% of average based on the period 1981-2010). Based on this hydrologic outlook, the September 24-Month Study projects the annual release from lake Powell during water year 2013 will be 8.23 maf and the end of water year 2013 reservoir elevation and storage for Lake Powell to be 3617.51 feet (82.5 feet from full pool) and 13.501 maf (55.5% capacity), respectively.

Upper Colorado River Basin Hydrology

Since water year 2005, hydrologic conditions in the Upper Colorado River Basin have been near average with significant variability from year to year. The unregulated inflow to Lake Powell, which is a good measure of the hydrologic condition in the Colorado River Basin, has averaged a water year volume of 10.98 maf (101% of average (period 1981-2010)) during the period from 2005 through 2011. The hydrologic variability during this period has been from a low water year unregulated inflow volume of 8.62 maf (80% of average) in water year 2006 to a high water year unregulated inflow volume of 15.97 maf (147% of average) which occurred in water year 2011. However, based on observed inflows and current forecasts, water year 2012 unregulated inflow is expected to be 5.00 maf (46.0% of average), which would be the lowest water year unregulated inflow volume since 2002.

Overall reservoir storage in the Colorado River Basin has increased by over 8 maf since the beginning of water year 2005 and this is a significant improvement over the drought conditions during water years 2000 through 2004. On October 1, 2004, the beginning of

water year 2005, the total reservoir storage in the Colorado River Basin was 29.84 maf (50.2% of capacity). On October 1, 2011, the beginning of water year 2012, the total reservoir storage in the Colorado River Basin was 38.66 maf (64.8% of capacity). As of September 11, 2012 the total reservoir storage in the Colorado River Basin was 34.46 maf (57.7% of capacity).

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-430
125 SOUTH STATE STREET, ROOM 6107
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-3709

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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:	Obs			aug	Forecast			Observed	
:	may	jun	jul	aug	%Avg	sep	oct	nov	apr-jul %Avg
GLDA3:Lake Powell	792	353	154	101	20%:	200/	325/	350/	2063/: 29%
GBRW4:Fontenelle	130	189	92	36	47%:	28/	32/	32/	509/: 70%
GRNU1:Flaming Gorge	153	188	93	28	31%:	22/	29/	32/	570/: 58%
BMDC2:Blue Mesa	74	45	30	28	44%:	22/	23/	20/	206/: 31%
MPSC2:Morrow Point	80	45	31	28	42%:	23/	25/	22/	219/: 30%
CLSC2:Crystal	86	49	35	32	43%:	27/	30/	26/	241/: 29%
TPIC2:Taylor Park	15.5	8.7	5.9	4.1	40%:	4/	4/	3.4/	40/: 40%
VCRC2:Vallecito	42	17.1	11.2	7.2	36%:	8/	8/	5.7/	106/: 55%
NVRN5:Navajo	131	20	10.4	0.36	1%:	7/	17/	19/	310/: 42%
LEMC2:Lemon	13.7	3.9	2.6	2.3	46%:	1.8/	1.8/	1.1/	32/: 58%
MPHC2:McPhee	46	11.9	9.1	7.1	44%:	7/	5.7/	4.5/	119/: 40%
RBSC2:Ridgway	15.7	12.3	8.8	7.2	49%:	5.2/	5/	3.9/	46/: 46%

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2012 24-Month Study

Most Probable Inflow*

Fontenelle Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Sep 2011	49	2	66	0	66	6499.90	298
	WY 2011	**1581**	**14**	**801**	**747**	**1549**		
H	Oct 2011	50	1	56	18	74	6496.55	273
I	Nov 2011	46	1	22	49	71	6492.84	247
S	Dec 2011	35	1	74	0	74	6486.86	207
T	Jan 2012	32	1	74	0	74	6479.61	165
O	Feb 2012	30	0	69	0	69	6471.56	126
R	Mar 2012	64	0	67	0	67	6470.82	123
I	Apr 2012	98	1	60	0	60	6478.72	160
C	May 2012	130	1	61	0	62	6489.92	227
A	Jun 2012	189	2	83	16	99	6502.11	315
L	Jul 2012	92	3	72	3	75	6503.94	329
*	Aug 2012	36	2	68	0	68	6499.56	296
	Sep 2012	28	2	64	0	64	6494.40	258
	WY 2012	**830**	**15**	**768**	**87**	**855**		
	Oct 2012	32	1	57	0	57	6490.64	232
	Nov 2012	32	1	55	0	55	6486.98	208
	Dec 2012	27	1	57	0	57	6481.99	178
	Jan 2013	26	1	57	0	57	6476.03	147
	Feb 2013	24	0	51	0	51	6469.91	119
	Mar 2013	40	0	57	0	57	6465.63	101
	Apr 2013	67	1	55	0	55	6468.50	113
	May 2013	141	1	86	0	86	6479.98	167
	Jun 2013	280	2	102	53	155	6498.77	290
	Jul 2013	169	3	102	18	120	6504.81	336
	Aug 2013	70	2	77	0	77	6503.65	327
	Sep 2013	42	2	69	0	69	6499.87	298
	WY 2013	**950**	**14**	**825**	**71**	**896**		
	Oct 2013	46	1	72	0	72	6496.20	271
	Nov 2013	41	1	69	0	69	6492.06	242
	Dec 2013	32	1	72	0	72	6485.90	202
	Jan 2014	30	1	72	0	72	6478.65	160
	Feb 2014	28	0	65	0	65	6470.70	122
	Mar 2014	53	0	72	0	72	6465.95	103
	Apr 2014	85	1	77	0	77	6467.85	110
	May 2014	164	1	98	7	105	6480.26	168
	Jun 2014	299	2	102	70	173	6499.18	293
	Jul 2014	178	3	102	31	132	6504.71	335
	Aug 2014	77	2	74	0	74	6504.76	336

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2129

Processed On:9/11/2012 9:22:06AM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2012 24-Month Study

Most Probable Inflow*

Flaming Gorge Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	Sep 2011	58	76	11	144	0	144	139	6033.03	3467	200
	WY 2011	**2414**	**2381**	**80**	**1661**	**314**	**1975**				**5234**
H	Oct 2011	74	97	7	120	0	121	138	6032.27	3437	188
I	Nov 2011	64	89	4	88	0	88	138	6032.21	3435	144
S	Dec 2011	38	77	2	108	0	108	137	6031.41	3404	147
T	Jan 2012	45	87	2	148	0	148	134	6029.85	3343	189
O	Feb 2012	47	86	2	140	0	140	132	6028.43	3289	186
R	Mar 2012	104	107	3	162	0	162	130	6026.95	3233	286
I	Apr 2012	136	98	5	122	0	122	129	6026.21	3205	331
C	May 2012	153	85	8	159	19	178	125	6023.57	3108	385
A	Jun 2012	188	98	10	87	0	87	125	6023.59	3108	158
L	Jul 2012	93	76	12	84	0	84	124	6023.04	3088	100
*	Aug 2012	29	60	12	80	0	80	123	6022.19	3058	91
	Sep 2012	22	58	11	58	0	58	123	6021.90	3047	58
	WY 2012	**992**	**1017**	**78**	**1356**	**20**	**1376**				**2262**
	Oct 2012	29	54	7	49	0	49	123	6021.84	3045	49
	Nov 2012	32	55	3	50	0	50	123	6021.90	3047	50
	Dec 2012	29	59	2	74	0	74	122	6021.45	3031	74
	Jan 2013	34	65	2	74	0	74	122	6021.17	3021	74
	Feb 2013	36	63	2	67	0	67	121	6021.03	3016	67
	Mar 2013	87	104	3	50	0	50	123	6022.38	3065	50
	Apr 2013	112	100	5	48	0	48	125	6023.65	3111	48
	May 2013	195	140	8	88	0	88	127	6024.82	3154	88
	Jun 2013	330	205	10	164	0	164	128	6025.62	3183	164
	Jul 2013	192	143	13	85	0	85	130	6026.76	3226	85
	Aug 2013	77	84	12	85	0	85	129	6026.40	3212	85
	Sep 2013	50	77	11	83	0	83	129	6025.98	3197	83
	WY 2013	**1203**	**1149**	**77**	**916**	**0**	**916**				**916**
	Oct 2013	55	81	7	85	0	85	128	6025.68	3185	85
	Nov 2013	50	78	3	83	0	83	128	6025.47	3178	83
	Dec 2013	35	74	2	85	0	85	127	6025.14	3165	85
	Jan 2014	40	82	2	85	0	85	127	6025.00	3160	85
	Feb 2014	45	82	2	77	0	77	127	6025.06	3162	77
	Mar 2014	102	121	3	85	0	85	128	6025.91	3194	85
	Apr 2014	134	125	5	83	0	83	130	6026.88	3230	83
	May 2014	245	186	8	123	0	123	132	6028.28	3283	123
	Jun 2014	390	263	10	230	0	230	133	6028.86	3305	230
	Jul 2014	210	165	14	101	0	101	135	6030.10	3353	101
	Aug 2014	89	86	13	101	0	101	134	6029.40	3326	101

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2012 24-Month Study

Most Probable Inflow*

Taylor Park Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Sep 2011	7	20	9310.68	71
	WY 2011	**179**	**181**		
H	Oct 2011	7	9	9309.52	69
I	Nov 2011	5	6	9309.15	69
S	Dec 2011	4	6	9307.93	67
T	Jan 2012	4	5	9307.37	66
O	Feb 2012	4	4	9307.22	66
R	Mar 2012	6	4	9308.28	67
I	Apr 2012	10	4	9311.81	73
C	May 2012	16	8	9316.40	81
A	Jun 2012	9	15	9312.87	75
L	Jul 2012	6	14	9307.53	66
*	Aug 2012	4	12	9302.28	58
	Sep 2012	4	12	9296.31	50
	WY 2012	**79**	**100**		
	Oct 2012	4	6	9294.71	48
	Nov 2012	3	5	9293.80	47
	Dec 2012	3	5	9292.54	46
	Jan 2013	3	5	9290.98	44
	Feb 2013	2	5	9288.90	42
	Mar 2013	3	5	9287.02	40
	Apr 2013	6	5	9287.97	41
	May 2013	22	8	9299.60	55
	Jun 2013	37	15	9314.10	77
	Jul 2013	16	18	9312.72	74
	Aug 2013	8	18	9306.39	64
	Sep 2013	6	16	9299.38	54
	WY 2013	**112**	**108**		
	Oct 2013	6	10	9296.18	50
	Nov 2013	5	5	9296.41	50
	Dec 2013	5	5	9296.55	51
	Jan 2014	4	5	9296.43	50
	Feb 2014	4	5	9295.88	50
	Mar 2014	4	5	9295.83	50
	Apr 2014	9	5	9299.12	54
	May 2014	28	14	9308.95	68
	Jun 2014	42	20	9321.64	90
	Jul 2014	20	22	9320.63	88
	Aug 2014	10	20	9315.16	78

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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September 2012 24-Month Study

Most Probable Inflow*

Blue Mesa Reservoir

	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Sep 2011	35	48	1	108	0	108	7504.54	699
	WY 2011	**1162**	**1163**	**8**	**1046**	**19**	**1065**		
H	Oct 2011	36	38	1	93	0	93	7497.84	644
I	Nov 2011	29	29	0	37	0	37	7496.82	635
S	Dec 2011	24	26	0	87	0	87	7489.07	574
T	Jan 2012	22	23	0	52	0	52	7485.29	545
O	Feb 2012	21	22	0	34	0	34	7483.66	533
R	Mar 2012	40	39	0	32	0	32	7484.49	539
I	Apr 2012	57	51	1	58	0	58	7483.54	532
C	May 2012	74	66	1	71	0	71	7482.82	527
A	Jun 2012	45	50	1	93	0	93	7476.82	483
L	Jul 2012	30	39	1	90	0	90	7469.29	431
*	Aug 2012	28	36	1	79	0	79	7462.48	387
	Sep 2012	22	30	1	82	0	82	7453.77	334
	WY 2012	**429**	**450**	**8**	**808**	**0**	**808**		
	Oct 2012	23	25	0	42	0	42	7450.73	317
	Nov 2012	20	21	0	13	0	13	7452.13	325
	Dec 2012	17	19	0	17	0	17	7452.37	326
	Jan 2013	15	17	0	18	0	18	7452.13	325
	Feb 2013	14	16	0	16	0	16	7452.25	325
	Mar 2013	24	26	0	20	0	20	7453.32	331
	Apr 2013	59	58	1	32	0	32	7457.64	357
	May 2013	182	168	1	91	0	91	7469.59	433
	Jun 2013	226	204	1	37	0	37	7492.23	599
	Jul 2013	91	93	1	88	0	88	7492.72	603
	Aug 2013	51	61	1	97	0	97	7488.04	566
	Sep 2013	35	45	1	77	0	77	7483.70	533
	WY 2013	**757**	**753**	**7**	**547**	**0**	**547**		
	Oct 2013	36	40	0	43	0	43	7483.28	530
	Nov 2013	30	30	0	15	0	15	7485.32	545
	Dec 2013	26	25	0	15	0	15	7486.71	556
	Jan 2014	24	24	0	30	0	30	7485.96	550
	Feb 2014	22	23	0	38	0	38	7483.95	535
	Mar 2014	36	36	0	41	0	41	7483.23	530
	Apr 2014	77	73	1	51	0	51	7486.04	551
	May 2014	221	207	1	118	0	118	7497.22	639
	Jun 2014	261	239	1	76	0	76	7516.19	801
	Jul 2014	117	119	2	115	0	115	7516.40	803
	Aug 2014	63	73	1	122	0	122	7510.76	752

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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September 2012 24-Month Study

Most Probable Inflow*

Morrow Point Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Sep 2011	36	108	1	109	115	0	115	7148.00	108
	WY 2011	**1236**	**1065**	**74**	**1139**	**1133**	**0**	**1139**		
H	Oct 2011	37	93	1	94	91	0	91	7151.08	110
I	Nov 2011	30	37	2	39	38	0	38	7151.73	110
S	Dec 2011	25	87	0	88	85	0	85	7154.97	113
T	Jan 2012	23	52	1	53	52	0	52	7155.61	113
O	Feb 2012	22	34	1	35	35	0	35	7155.27	113
R	Mar 2012	43	32	2	35	34	0	34	7156.25	114
I	Apr 2012	63	58	6	64	63	0	63	7157.05	115
C	May 2012	80	71	6	76	79	0	79	7154.07	112
A	Jun 2012	45	93	1	93	93	0	93	7154.59	113
L	Jul 2012	31	90	0	90	89	0	89	7155.86	114
*	Aug 2012	28	79	0	80	80	0	80	7154.84	113
	Sep 2012	23	82	1	83	84	0	84	7153.73	112
	WY 2012	**451**	**808**	**21**	**829**	**824**	**0**	**824**		
	Oct 2012	25	42	2	44	44	0	44	7153.73	112
	Nov 2012	22	13	2	15	15	0	15	7153.73	112
	Dec 2012	18	17	1	18	18	0	18	7153.73	112
	Jan 2013	16	18	1	19	19	0	19	7153.73	112
	Feb 2013	15	16	1	17	17	0	17	7153.73	112
	Mar 2013	27	20	3	23	23	0	23	7153.73	112
	Apr 2013	68	32	9	41	41	0	41	7153.73	112
	May 2013	202	91	20	111	111	0	111	7153.73	112
	Jun 2013	242	37	16	53	53	0	53	7153.73	112
	Jul 2013	95	88	4	92	92	0	92	7153.73	112
	Aug 2013	55	97	4	101	101	0	101	7153.73	112
	Sep 2013	37	77	2	79	79	0	79	7153.73	112
	WY 2013	**822**	**547**	**65**	**612**	**612**	**0**	**612**		
	Oct 2013	38	43	2	45	45	0	45	7153.73	112
	Nov 2013	32	15	2	17	17	0	17	7153.73	112
	Dec 2013	28	15	2	17	17	0	17	7153.73	112
	Jan 2014	27	30	2	32	32	0	32	7153.73	112
	Feb 2014	25	38	3	41	41	0	41	7153.73	112
	Mar 2014	40	41	4	45	45	0	45	7153.73	112
	Apr 2014	88	51	11	62	62	0	62	7153.73	112
	May 2014	247	118	26	144	144	0	144	7153.73	112
	Jun 2014	281	76	20	96	96	0	96	7153.73	112
	Jul 2014	123	115	6	122	122	0	122	7153.73	112
	Aug 2014	67	122	3	125	125	0	125	7153.73	112

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Managing Water in the West

September 2012 24-Month Study

Most Probable Inflow*

Crystal Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
*	Sep 2011	39	115	4	119	120	0	120	6744.21	14	64	62
	WY 2011	**1375**	**1139**	**139**	**1278**	**1008**	**235**	**1279**			**413**	**912**
H	Oct 2011	41	91	4	96	94	0	94	6749.65	16	53	44
I	Nov 2011	34	38	4	42	41	1	41	6751.53	17	1	41
S	Dec 2011	28	85	3	88	89	0	89	6750.95	16	1	90
T	Jan 2012	27	52	3	56	53	3	56	6751.28	16	1	57
O	Feb 2012	26	35	3	38	15	23	38	6751.90	17	1	40
R	Mar 2012	49	34	6	40	40	0	40	6751.80	17	6	36
I	Apr 2012	71	63	8	71	71	0	71	6752.10	17	50	23
C	May 2012	86	79	6	84	86	0	86	6745.87	15	65	23
A	Jun 2012	49	93	3	96	97	0	97	6744.24	14	63	36
L	Jul 2012	35	89	4	93	93	0	93	6745.39	15	62	35
*	Aug 2012	32	80	3	84	84	0	84	6743.63	14	52	36
	Sep 2012	27	84	4	88	85	0	85	6753.04	17	55	30
	WY 2012	**503**	**824**	**52**	**876**	**847**	**26**	**873**			**407**	**491**
	Oct 2012	30	44	5	49	49	0	49	6753.04	17	30	19
	Nov 2012	26	15	4	19	19	0	19	6753.04	17	0	19
	Dec 2012	21	18	3	21	21	0	21	6753.04	17	0	21
	Jan 2013	19	19	3	22	22	0	22	6753.04	17	0	22
	Feb 2013	18	17	3	20	20	0	20	6753.04	17	0	20
	Mar 2013	31	23	4	27	27	0	27	6753.04	17	5	21
	Apr 2013	78	41	10	51	51	0	51	6753.04	17	30	21
	May 2013	230	111	28	139	134	5	139	6753.04	17	55	84
	Jun 2013	270	53	28	81	81	0	81	6753.04	17	60	21
	Jul 2013	105	92	10	102	102	0	102	6753.04	17	65	37
	Aug 2013	60	101	5	106	106	0	106	6753.04	17	65	41
	Sep 2013	43	79	6	85	85	0	85	6753.04	17	55	30
	WY 2013	**931**	**612**	**109**	**721**	**716**	**5**	**721**			**365**	**355**
	Oct 2013	44	45	6	51	51	0	51	6753.04	17	30	21
	Nov 2013	37	17	5	21	21	0	21	6753.04	17	0	21
	Dec 2013	32	17	5	22	22	0	22	6753.04	17	0	22
	Jan 2014	31	32	5	37	37	0	37	6753.04	17	0	37
	Feb 2014	29	41	4	44	44	0	44	6753.04	17	0	44
	Mar 2014	46	45	6	51	51	0	51	6753.04	17	5	46
	Apr 2014	101	62	12	75	75	0	75	6753.04	17	30	45
	May 2014	281	144	34	178	134	44	178	6753.04	17	55	123
	Jun 2014	315	96	34	130	130	0	130	6753.04	17	60	70
	Jul 2014	138	122	14	136	134	2	136	6753.04	17	65	71
	Aug 2014	75	125	8	134	134	0	134	6753.04	17	65	69

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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September 2012 24-Month Study

Most Probable Inflow*

Vallecito Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Sep 2011	8	29	7637.58	59
	WY 2011	**225**	**222**		
H	Oct 2011	15	9	7640.42	65
I	Nov 2011	9	2	7643.33	72
S	Dec 2011	5	2	7644.76	75
T	Jan 2012	5	3	7645.42	76
O	Feb 2012	4	4	7645.50	76
R	Mar 2012	12	4	7648.84	84
I	Apr 2012	36	3	7661.80	117
C	May 2012	42	35	7664.36	124
A	Jun 2012	17	36	7656.80	104
L	Jul 2012	11	35	7647.02	80
*	Aug 2012	7	33	7634.93	54
	Sep 2012	8	16	7630.76	46
	WY 2012	**172**	**181**		
	Oct 2012	8	6	7631.73	48
	Nov 2012	6	1	7633.93	52
	Dec 2012	5	2	7635.68	55
	Jan 2013	4	2	7636.97	58
	Feb 2013	4	1	7637.97	60
	Mar 2013	6	2	7640.01	64
	Apr 2013	19	2	7647.56	81
	May 2013	70	31	7662.74	119
	Jun 2013	75	69	7664.66	125
	Jul 2013	28	42	7659.34	110
	Aug 2013	19	38	7651.70	91
	Sep 2013	15	30	7645.37	76
	WY 2013	**258**	**225**		
	Oct 2013	14	17	7643.94	73
	Nov 2013	8	5	7645.31	76
	Dec 2013	6	5	7645.73	77
	Jan 2014	5	5	7645.72	77
	Feb 2014	5	5	7645.76	77
	Mar 2014	9	3	7648.05	82
	Apr 2014	23	3	7656.23	102
	May 2014	71	48	7664.97	125
	Jun 2014	70	70	7664.92	125
	Jul 2014	29	42	7659.98	112
	Aug 2014	20	38	7652.71	94

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September 2012 24-Month Study

Most Probable Inflow*

Navajo Reservoir

	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azetea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Farmington Flow (1000 Ac-Ft)
*	Sep 2011	15	2	35	3	20	40	6058.35	1327	53
	WY 2011	**737**	**93**	**641**	**28**	**220**	**478**			**891**
H	Oct 2011	54	4	44	2	10	33	6058.32	1327	55
I	Nov 2011	31	1	23	1	0	21	6058.38	1327	47
S	Dec 2011	19	0	16	1	1	31	6057.10	1311	54
T	Jan 2012	18	0	16	1	1	30	6055.85	1296	50
O	Feb 2012	19	0	18	1	1	28	6054.95	1285	46
R	Mar 2012	74	7	61	2	6	31	6056.81	1308	70
I	Apr 2012	149	18	98	2	27	30	6059.88	1346	96
C	May 2012	131	17	105	4	34	110	6056.40	1303	176
A	Jun 2012	20	4	35	4	46	42	6051.70	1246	57
L	Jul 2012	10	1	33	4	44	52	6045.91	1178	60
*	Aug 2012	0	0	26	3	45	55	6038.86	1101	53
	Sep 2012	7	0	15	2	18	52	6033.37	1043	52
	WY 2012	**532**	**53**	**488**	**26**	**232**	**515**			**815**
	Oct 2012	17	0	15	1	4	31	6031.26	1021	31
	Nov 2012	19	0	15	1	0	21	6030.59	1014	21
	Dec 2012	19	0	16	1	0	22	6029.94	1008	22
	Jan 2013	16	0	13	1	0	22	6029.07	999	22
	Feb 2013	21	0	19	1	0	19	6028.95	998	19
	Mar 2013	71	3	64	1	2	22	6032.82	1037	22
	Apr 2013	145	15	113	2	18	21	6039.74	1110	21
	May 2013	260	37	184	3	32	95	6044.61	1164	95
	Jun 2013	225	31	188	4	48	31	6053.65	1269	31
	Jul 2013	50	6	58	4	53	25	6051.58	1244	25
	Aug 2013	38	2	55	3	45	31	6049.53	1220	31
	Sep 2013	31	0	45	3	26	27	6048.66	1210	27
	WY 2013	**912**	**94**	**784**	**24**	**228**	**366**			**366**
	Oct 2013	38	1	40	2	7	22	6049.52	1220	22
	Nov 2013	30	1	26	1	0	21	6049.92	1225	21
	Dec 2013	25	0	24	1	0	22	6050.07	1226	22
	Jan 2014	22	0	22	1	0	22	6050.05	1226	22
	Feb 2014	30	0	30	1	0	19	6050.89	1236	19
	Mar 2014	92	3	84	2	2	22	6055.79	1295	22
	Apr 2014	170	15	135	2	18	38	6061.96	1373	38
	May 2014	277	37	216	4	33	122	6066.36	1431	122
	Jun 2014	224	31	192	4	48	198	6061.86	1372	198
	Jul 2014	66	6	73	4	53	22	6061.34	1365	22
	Aug 2014	45	2	61	4	46	22	6060.61	1356	22

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September 2012 24-Month Study

Most Probable Inflow*

Lake Powell

	Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry (1000 Ac-Ft)
*	Sep 2011	456	669	67	922	0	922	3653.01	5461	17593	957
	WY 2011	**15971**	**15498**	**467**	**12518**	**0**	**12518**				**12731**
H	Oct 2011	513	630	45	956	0	956	3650.27	5434	17249	979
I	Nov 2011	506	530	43	1099	0	1099	3645.67	5388	16683	1104
S	Dec 2011	363	490	33	1223	0	1223	3639.75	5332	15974	1226
T	Jan 2012	356	503	10	852	0	852	3636.91	5305	15641	846
O	Feb 2012	342	460	11	653	0	653	3635.28	5290	15453	654
R	Mar 2012	560	625	19	600	0	600	3635.33	5290	15458	607
I	Apr 2012	764	689	29	606	0	606	3635.76	5294	15508	612
C	May 2012	792	770	35	601	0	601	3636.83	5304	15632	606
A	Jun 2012	353	398	54	709	0	709	3633.90	5277	15294	712
L	Jul 2012	154	285	62	886	0	886	3628.45	5228	14680	892
*	Aug 2012	101	289	60	800	0	800	3623.62	5186	14151	810
	Sep 2012	200	357	54	478	0	478	3622.12	5173	13989	478
	WY 2012	**5004**	**6025**	**455**	**9463**	**0**	**9463**				**9527**
	Oct 2012	325	382	37	494	0	494	3620.83	5162	13851	494
	Nov 2012	350	363	35	600	0	600	3618.44	5142	13598	600
	Dec 2012	300	347	28	800	0	800	3614.16	5106	13153	800
	Jan 2013	275	323	8	800	0	800	3609.74	5070	12704	800
	Feb 2013	275	306	9	676	0	676	3606.21	5042	12353	676
	Mar 2013	475	389	15	600	0	600	3604.08	5025	12144	600
	Apr 2013	750	567	23	600	0	600	3603.54	5021	12091	600
	May 2013	1850	1557	29	600	0	600	3612.17	5090	12950	600
	Jun 2013	2400	1930	47	800	0	800	3621.78	5170	13953	800
	Jul 2013	1000	925	58	830	0	830	3622.09	5173	13986	830
	Aug 2013	450	544	58	830	0	830	3619.10	5147	13668	830
	Sep 2013	375	472	52	600	0	600	3617.51	5134	13501	600
	WY 2013	**8825**	**8103**	**400**	**8230**	**0**	**8230**				**8230**
	Oct 2013	484	513	36	600	0	600	3616.41	5125	13387	600
	Nov 2013	460	469	35	600	0	600	3614.93	5112	13233	600
	Dec 2013	363	399	27	800	0	800	3611.05	5081	12836	800
	Jan 2014	361	412	8	800	0	800	3607.39	5051	12469	800
	Feb 2014	393	430	9	600	0	600	3605.71	5038	12304	600
	Mar 2014	665	587	15	600	0	600	3605.45	5036	12278	600
	Apr 2014	1056	878	24	600	0	600	3607.83	5055	12513	600
	May 2014	2343	2033	30	600	0	600	3620.47	5159	13813	600
	Jun 2014	2666	2375	51	650	0	650	3634.50	5283	15363	650
	Jul 2014	1091	995	64	890	0	890	3634.84	5286	15402	890
	Aug 2014	500	595	63	840	0	840	3632.34	5263	15117	840

* Based on the Colorado River Basin Forecast Center'sMost Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2012 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Glen Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Sep 2011	922	96	67	670	11.3	18	668	844	1116.04	12977
	WY 2011	**12518**	**1157**	**578**	**9799**		**225**	**9676**			
H	Oct 2011	956	66	49	443	7.2	20	436	875	1121.00	13456
I	Nov 2011	1099	36	50	564	9.5	13	561	906	1125.82	13933
S	Dec 2011	1223	84	45	497	8.1	9	482	952	1132.83	14644
T	Jan 2012	852	55	37	713	11.6	9	712	976	1134.18	15022
O	Feb 2012	653	44	34	775	13.5	10	775	969	1133.06	14907
R	Mar 2012	600	43	38	986	16.0	16	985	945	1129.41	14535
I	Apr 2012	606	46	46	1170	19.7	20	1163	909	1123.93	13986
C	May 2012	601	16	52	1008	16.4	30	1007	880	1119.38	13541
A	Jun 2012	709	7	62	989	16.6	28	989	858	1115.84	13200
L	Jul 2012	886	70	77	841	13.7	29	819	858	1115.92	13207
*	Aug 2012	800	168	82	798	13.0	23	793	862	1116.56	13269
	Sep 2012	478	74	67	670	11.3	19	670	850	1114.56	13077
	WY 2012	**9463**	**709**	**638**	**9456**		**227**	**9392**			
	Oct 2012	494	49	49	382	6.2	22	382	856	1115.45	13162
	Nov 2012	600	46	49	506	8.5	20	506	860	1116.14	13229
	Dec 2012	800	108	42	502	8.2	17	502	881	1119.52	13555
	Jan 2013	800	78	35	670	10.9	16	670	891	1121.03	13702
	Feb 2013	676	98	32	676	12.2	15	676	894	1121.52	13750
	Mar 2013	600	78	36	1030	16.7	21	1030	869	1117.56	13365
	Apr 2013	600	76	44	1104	18.6	17	1104	839	1112.75	12906
	May 2013	600	64	50	987	16.1	27	987	814	1108.74	12530
	Jun 2013	800	33	59	931	15.7	23	931	803	1106.91	12360
	Jul 2013	830	54	73	927	15.1	25	927	795	1105.46	12228
	Aug 2013	830	103	78	835	13.6	27	835	794	1105.38	12221
	Sep 2013	600	74	64	655	11.0	19	655	791	1104.73	12162
	WY 2013	**8230**	**861**	**611**	**9207**		**249**	**9207**			
	Oct 2013	600	49	47	435	7.1	23	435	799	1106.22	12297
	Nov 2013	600	46	47	525	8.8	22	525	803	1106.75	12346
	Dec 2013	800	108	41	455	7.4	17	455	827	1110.74	12717
	Jan 2014	800	78	34	673	10.9	20	673	836	1112.25	12859
	Feb 2014	600	98	31	679	12.2	18	679	834	1111.95	12830
	Mar 2014	600	78	35	1034	16.8	24	1034	809	1107.78	12441
	Apr 2014	600	76	42	1108	18.6	20	1108	778	1102.68	11976
	May 2014	600	64	47	991	16.1	31	991	754	1098.43	11595
	Jun 2014	650	33	56	935	15.7	26	935	733	1094.86	11281
	Jul 2014	890	54	70	931	15.1	28	931	728	1093.95	11201
	Aug 2014	840	103	74	839	13.6	31	839	728	1093.94	11200

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2012 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Sep 2011	670	-6	18	717	0	717	12.1	639.73	1610
	WY 2011	**9799**	**-120**	**198**	**9446**	**0**	**9446**			
H	Oct 2011	443	7	15	611	0	611	9.9	633.03	1435
I	Nov 2011	564	-11	10	466	0	466	7.8	635.99	1511
S	Dec 2011	497	-28	9	385	0	385	6.3	638.82	1586
T	Jan 2012	713	-23	10	638	0	638	10.4	640.38	1628
O	Feb 2012	775	-18	10	726	0	726	12.6	641.20	1650
R	Mar 2012	986	-23	13	931	0	931	15.1	641.93	1670
I	Apr 2012	1170	-24	17	1091	0	1091	18.3	643.35	1708
C	May 2012	1008	-14	22	980	0	980	15.9	643.06	1700
A	Jun 2012	989	-19	25	952	0	952	16.0	642.80	1693
L	Jul 2012	841	-9	25	805	0	805	13.1	642.89	1696
*	Aug 2012	798	-11	23	744	0	744	12.1	643.63	1716
	Sep 2012	670	0	18	776	0	776	13.0	639.01	1591
	WY 2012	**9456**	**-173**	**197**	**9104**	**0**	**9104**			
	Oct 2012	382	0	14	588	0	588	9.6	630.49	1371
	Nov 2012	506	-15	10	366	0	366	6.2	635.00	1486
	Dec 2012	502	-19	9	376	0	376	6.1	638.71	1583
	Jan 2013	670	-13	10	564	0	564	9.2	641.80	1666
	Feb 2013	676	-6	10	660	0	660	11.9	641.80	1666
	Mar 2013	1030	-14	13	968	0	968	15.7	643.05	1700
	Apr 2013	1104	-14	17	1076	0	1076	18.1	643.00	1699
	May 2013	987	-14	22	951	0	951	15.5	643.00	1699
	Jun 2013	931	-10	25	923	0	923	15.5	642.00	1671
	Jul 2013	927	-4	25	911	0	911	14.8	641.50	1658
	Aug 2013	835	-7	23	805	0	805	13.1	641.50	1658
	Sep 2013	655	0	18	730	0	730	12.3	638.00	1564
	WY 2013	**9207**	**-118**	**196**	**8918**	**0**	**8918**			
	Oct 2013	435	0	15	551	0	551	9.0	633.00	1434
	Nov 2013	525	-15	10	448	0	448	7.5	635.00	1486
	Dec 2013	455	-19	9	330	0	330	5.4	638.71	1583
	Jan 2014	673	-13	10	567	0	567	9.2	641.80	1666
	Feb 2014	679	-6	10	663	0	663	11.9	641.80	1666
	Mar 2014	1034	-14	13	972	0	972	15.8	643.05	1700
	Apr 2014	1108	-14	17	1080	0	1080	18.1	643.00	1699
	May 2014	991	-14	22	955	0	955	15.5	643.00	1699
	Jun 2014	935	-10	25	927	0	927	15.6	642.00	1671
	Jul 2014	931	-4	25	915	0	915	14.9	641.50	1658
	Aug 2014	839	-7	23	809	0	809	13.2	641.50	1658

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2012 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	Sep 2011	717	30	15	538	9.0	83	102	448.28	585	91	1.5
	WY 2011	**9446**	**263**	**140**	**6837**		**963**	**1657**			**1634**	
H	Oct 2011	611	31	12	472	7.7	8	149	447.97	579	62	1.0
I	Nov 2011	466	37	9	321	5.4	7	175	447.32	567	93	1.6
S	Dec 2011	385	27	6	267	4.3	15	151	445.69	537	108	1.7
T	Jan 2012	638	11	6	382	6.2	54	187	446.61	554	131	2.1
O	Feb 2012	726	10	8	497	8.6	49	169	447.10	563	159	2.8
R	Mar 2012	931	8	9	711	11.6	21	187	447.23	565	187	3.0
I	Apr 2012	1091	23	11	785	13.2	97	180	449.13	602	183	3.1
C	May 2012	980	25	13	709	11.5	100	179	448.81	596	99	1.6
A	Jun 2012	952	9	15	719	12.1	97	130	448.23	584	103	1.7
L	Jul 2012	805	47	17	675	11.0	101	35	448.91	598	124	2.0
*	Aug 2012	744	26	17	568	9.2	99	85	448.38	587	98	1.6
	Sep 2012	776	20	15	552	9.3	77	154	447.80	576	89	1.5
	WY 2012	**9104**	**276**	**140**	**6655**		**725**	**1781**			**1435**	
	Oct 2012	588	23	12	445	7.2	14	132	447.80	576	55	0.9
	Nov 2012	366	32	9	365	6.1	13	29	446.50	552	86	1.4
	Dec 2012	376	26	6	260	4.2	14	118	446.50	552	89	1.5
	Jan 2013	564	15	6	348	5.7	81	140	446.50	552	122	2.0
	Feb 2013	660	7	8	448	8.1	71	135	446.50	552	153	2.8
	Mar 2013	968	18	9	708	11.5	81	177	446.70	555	208	3.4
	Apr 2013	1076	19	11	788	13.2	78	171	448.70	593	200	3.4
	May 2013	951	18	13	686	11.2	81	177	448.70	593	111	1.8
	Jun 2013	923	15	16	677	11.4	78	154	448.70	593	112	1.9
	Jul 2013	911	21	17	736	12.0	81	98	448.00	580	118	1.9
	Aug 2013	805	22	17	629	10.2	81	97	447.50	571	92	1.5
	Sep 2013	730	20	15	540	9.1	52	146	446.81	557	89	1.5
	WY 2013	**8918**	**237**	**139**	**6629**		**725**	**1575**			**1437**	
	Oct 2013	551	23	12	447	7.3	7	109	446.31	548	72	1.2
	Nov 2013	448	32	8	378	6.4	7	77	446.50	552	105	1.8
	Dec 2013	330	26	6	282	4.6	7	55	446.50	552	118	1.9
	Jan 2014	567	15	6	350	5.7	81	140	446.50	552	122	2.0
	Feb 2014	663	7	8	451	8.1	71	135	446.50	552	153	2.8
	Mar 2014	972	18	9	711	11.6	81	177	446.70	555	208	3.4
	Apr 2014	1080	19	11	792	13.3	78	171	448.70	593	200	3.4
	May 2014	955	18	13	690	11.2	81	177	448.70	593	111	1.8
	Jun 2014	927	15	16	681	11.4	78	154	448.70	593	112	1.9
	Jul 2014	915	21	17	740	12.0	81	98	448.00	580	118	1.9
	Aug 2014	809	22	17	632	10.3	81	97	447.50	571	92	1.5

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2012 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Sep 2011	670	11.3	1116.04	12977	247	473.88	1757.0	272.0	100	406.1
	WY 2011	**9799**							**3848.4**		
H	Oct 2011	443	7.2	1121.00	13456	479	478.70	1311.0	178.9	74	403.5
I	Nov 2011	564	9.5	1125.82	13933	477	481.61	1110.0	233.8	61	414.3
S	Dec 2011	497	8.1	1132.83	14644	711	488.04	1374.0	207.2	75	417.3
T	Jan 2012	713	11.6	1134.18	15022	139	485.97	1146.0	308.0	61	432.1
O	Feb 2012	775	13.5	1133.06	14907	-115	484.32	1282.0	338.6	68	436.7
R	Mar 2012	986	16.0	1129.41	14535	-372	481.45	1047.0	427.4	56	433.4
I	Apr 2012	1170	19.7	1123.93	13986	-548	475.07	1164.0	505.3	62	432.0
C	May 2012	1008	16.4	1119.38	13541	-445	471.90	1050.0	429.0	56	425.4
A	Jun 2012	989	16.6	1115.84	13200	-341	470.21	1829.0	414.2	100	418.8
L	Jul 2012	841	13.7	1115.92	13207	8	471.23	1374.0	349.7	76	415.6
*	Aug 2012	798	13.0	1116.56	13269	61	471.53	1809.0	331.4	100	415.2
	Sep 2012	670	11.3	1114.56	13077	-192	462.91	1780.0	272.7	100	407.1
	WY 2012	**9456**							**3996.4**		
	Oct 2012	382	6.2	1115.45	13162	85	466.87	1507.0	151.3	85	396.0
	Nov 2012	506	8.5	1116.14	13229	67	471.98	1262.0	206.2	71	407.5
	Dec 2012	502	8.2	1119.52	13555	326	470.50	1410.0	208.8	78	416.2
	Jan 2013	670	10.9	1121.03	13702	147	472.80	1073.0	282.9	59	422.0
	Feb 2013	676	12.2	1121.52	13750	48	472.78	1076.0	290.2	59	429.1
	Mar 2013	1030	16.7	1117.56	13365	-384	468.55	1402.0	436.0	78	423.3
	Apr 2013	1104	18.6	1112.75	12906	-460	462.89	1525.0	466.4	86	422.3
	May 2013	987	16.1	1108.74	12530	-376	458.32	1535.0	403.7	88	408.9
	Jun 2013	931	15.7	1106.91	12360	-169	454.45	1732.0	381.0	100	409.1
	Jul 2013	927	15.1	1105.46	12228	-133	453.31	1725.0	376.6	100	406.1
	Aug 2013	835	13.6	1105.38	12221	-7	452.72	1725.0	341.7	100	409.2
	Sep 2013	655	11.0	1104.73	12162	-59	453.50	1722.0	261.1	100	398.7
	WY 2013	**9207**							**3805.8**		
	Oct 2013	435	7.1	1106.22	12297	136	457.49	1501.0	173.3	87	398.2
	Nov 2013	525	8.8	1106.75	12346	49	460.03	1520.0	209.3	88	398.9
	Dec 2013	455	7.4	1110.74	12717	370	460.39	1543.0	183.4	88	402.7
	Jan 2014	673	10.9	1112.25	12859	142	464.05	1039.9	279.7	59	415.7
	Feb 2014	679	12.2	1111.95	12830	-29	463.63	1041.1	286.8	59	422.2
	Mar 2014	1034	16.8	1107.78	12441	-389	458.91	1373.9	429.7	78	415.8
	Apr 2014	1108	18.6	1102.68	11976	-465	453.02	1518.1	459.2	86	414.2
	May 2014	991	16.1	1098.43	11595	-381	448.20	1549.1	397.4	88	400.9
	Jun 2014	935	15.7	1094.86	11281	-314	443.35	1758.0	374.1	100	400.0
	Jul 2014	931	15.1	1093.95	11201	-80	441.62	1758.0	369.4	100	396.6
	Aug 2014	839	13.6	1093.94	11200	-1	441.33	1758.0	335.6	100	400.0

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Managing Water in the West

September 2012 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Sep 2011	717	12.1	639.73	1610	-72	137.99	255.0	90.2	100	125.8
	WY 2011	**9446**							**1182.3**		
H	Oct 2011	611	9.9	633.03	1435	-175	133.41	181.1	74.4	71	121.8
I	Nov 2011	466	7.8	635.99	1511	76	134.28	170.9	57.0	67	122.2
S	Dec 2011	385	6.3	638.82	1586	74	135.59	173.4	48.1	68	124.9
T	Jan 2012	638	10.4	640.38	1628	42	138.75	170.9	77.2	67	121.0
O	Feb 2012	726	12.6	641.20	1650	22	140.80	163.2	90.8	64	125.1
R	Mar 2012	931	15.1	641.93	1670	20	140.23	204.0	117.4	80	126.2
I	Apr 2012	1091	18.3	643.35	1708	39	142.08	249.9	147.4	98	135.2
C	May 2012	980	15.9	643.06	1700	-8	141.39	252.5	128.9	99	131.5
A	Jun 2012	952	16.0	642.80	1693	-7	140.12	255.0	122.6	100	128.8
L	Jul 2012	805	13.1	642.89	1696	2	143.36	255.0	100.7	100	125.1
*	Aug 2012	744	12.1	643.63	1716	20	142.43	252.5	92.5	99	124.3
	Sep 2012	776	13.0	639.01	1591	-125	134.28	255.0	96.5	100	124.4
	WY 2012	**9104**							**1153.6**		
	Oct 2012	588	9.6	630.49	1371	-220	128.85	204.0	70.4	80	119.7
	Nov 2012	366	6.2	635.00	1486	115	127.85	170.9	43.7	67	119.3
	Dec 2012	376	6.1	638.71	1583	97	131.72	183.6	46.2	72	123.0
	Jan 2013	564	9.2	641.80	1666	83	135.61	173.4	70.4	68	124.8
	Feb 2013	660	11.9	641.80	1666	0	136.23	204.0	82.7	80	125.2
	Mar 2013	968	15.7	643.05	1700	34	135.78	242.3	120.6	95	124.5
	Apr 2013	1076	18.1	643.00	1699	-2	136.07	255.0	133.8	100	124.4
	May 2013	951	15.5	643.00	1699	0	136.04	255.0	119.0	100	125.1
	Jun 2013	923	15.5	642.00	1671	-27	135.51	255.0	115.1	100	124.7
	Jul 2013	911	14.8	641.50	1658	-14	134.73	255.0	113.2	100	124.2
	Aug 2013	805	13.1	641.50	1658	0	134.46	255.0	100.3	100	124.5
	Sep 2013	730	12.3	638.00	1564	-94	132.62	255.0	90.0	100	123.2
	WY 2013	**8918**							**1105.2**		
	Oct 2013	551	9.0	633.00	1434	-130	129.17	219.3	66.4	86	120.6
	Nov 2013	448	7.5	635.00	1486	51	126.85	244.8	53.7	96	119.8
	Dec 2013	330	5.4	638.71	1583	97	130.29	229.5	40.7	90	123.3
	Jan 2014	567	9.2	641.80	1666	83	134.09	221.9	70.8	87	124.8
	Feb 2014	663	11.9	641.80	1666	0	136.08	209.1	83.0	82	125.2
	Mar 2014	972	15.8	643.05	1700	34	135.86	239.7	121.0	94	124.5
	Apr 2014	1080	18.1	643.00	1699	-2	136.07	255.0	134.3	100	124.4
	May 2014	955	15.5	643.00	1699	0	136.04	255.0	119.5	100	125.1
	Jun 2014	927	15.6	642.00	1671	-27	135.51	255.0	115.5	100	124.6
	Jul 2014	915	14.9	641.50	1658	-14	134.73	255.0	113.6	100	124.2
	Aug 2014	809	13.2	641.50	1658	0	134.46	255.0	100.7	100	124.5

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2012 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Sep 2011	538	9.0	448.28	585	3	82.16	120.0	39.4	100	73.2
	WY 2011	**6837**							**474.2**		
H	Oct 2011	472	7.7	447.97	579	-6	81.92	92.4	31.5	77	66.8
I	Nov 2011	321	5.4	447.32	567	-12	80.93	102.0	22.1	85	69.1
S	Dec 2011	267	4.3	445.69	537	-30	81.08	67.2	17.7	56	66.2
T	Jan 2012	382	6.2	446.61	554	17	80.68	67.2	25.6	56	67.1
O	Feb 2012	497	8.6	447.10	563	9	80.85	94.8	35.1	79	70.7
R	Mar 2012	711	11.6	447.23	565	2	81.75	97.2	48.8	81	68.6
I	Apr 2012	785	13.2	449.13	602	36	83.37	120.0	54.1	100	69.0
C	May 2012	709	11.5	448.81	596	-6	81.37	111.6	49.6	93	69.9
A	Jun 2012	719	12.1	448.23	584	-11	79.00	120.0	49.7	100	69.1
L	Jul 2012	675	11.0	448.91	598	13	82.94	120.0	46.8	100	69.4
*	Aug 2012	568	9.2	448.38	587	-10	80.54	120.0	39.3	100	69.2
	Sep 2012	552	9.3	447.80	576	-11	75.46	120.0	36.2	100	65.6
	WY 2012	**6655**							**456.5**		
	Oct 2012	445	7.2	447.80	576	0	75.98	102.0	29.1	85	65.4
	Nov 2012	365	6.1	446.50	552	-25	75.35	102.0	23.5	85	64.4
	Dec 2012	260	4.2	446.50	552	0	74.71	102.0	16.2	85	62.4
	Jan 2013	348	5.7	446.50	552	0	74.71	102.0	22.1	85	63.7
	Feb 2013	448	8.1	446.50	552	0	73.92	120.0	28.8	100	64.1
	Mar 2013	708	11.5	446.70	555	4	74.01	120.0	46.0	100	64.9
	Apr 2013	788	13.2	448.70	593	38	75.08	120.0	52.0	100	66.0
	May 2013	686	11.2	448.70	593	0	76.05	120.0	45.6	100	66.4
	Jun 2013	677	11.4	448.70	593	0	76.05	120.0	45.0	100	66.5
	Jul 2013	736	12.0	448.00	580	-13	75.71	120.0	48.8	100	66.3
	Aug 2013	629	10.2	447.50	571	-10	75.13	120.0	41.2	100	65.6
	Sep 2013	540	9.1	446.81	557	-13	74.55	120.0	35.0	100	64.9
	WY 2013	**6629**							**433.3**		
	Oct 2013	447	7.3	446.31	548	-9	74.77	102.0	28.9	85	64.6
	Nov 2013	378	6.4	446.50	552	3	74.62	102.0	24.2	85	64.1
	Dec 2013	282	4.6	446.50	552	0	74.71	102.0	17.7	85	62.8
	Jan 2014	350	5.7	446.50	552	0	74.71	102.0	22.3	85	63.8
	Feb 2014	451	8.1	446.50	552	0	73.92	120.0	28.9	100	64.2
	Mar 2014	711	11.6	446.70	555	4	74.01	120.0	46.2	100	64.9
	Apr 2014	792	13.3	448.70	593	38	75.08	120.0	52.3	100	66.0
	May 2014	690	11.2	448.70	593	0	76.05	120.0	45.8	100	66.4
	Jun 2014	681	11.4	448.70	593	0	76.05	120.0	45.3	100	66.5
	Jul 2014	740	12.0	448.00	580	-13	75.71	120.0	49.1	100	66.3
	Aug 2014	632	10.3	447.50	571	-10	75.13	120.0	41.5	100	65.6

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2012 24-Month Study

Most Probable Inflow*

Upper Basin Power

	Date	Glen Canyon 1000 MWHR	Flaming Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Reservoir 1000 MWHR	Fontenelle Reservoir 1000 MWHR
*	Sep 2011	442	58	34	41	22	6
	Summer 2011	**3425**	**386**	**179**	**248**	**111**	**30**
H	Oct 2011	446	48	28	33	18	5
I	Nov 2011	508	34	11	13	7	2
S	Dec 2011	563	43	25	30	17	6
T	Jan 2012	388	58	15	18	10	5
O	Feb 2012	295	54	9	12	2	4
R	Mar 2012	275	62	9	12	6	4
	Winter 2012	**2475**	**300**	**97**	**117**	**61**	**26**
I	Apr 2012	276	47	16	22	14	4
C	May 2012	276	61	19	28	17	4
A	Jun 2012	324	34	26	33	19	7
L	Jul 2012	398	33	24	31	18	6
*	Aug 2012	360	31	21	28	16	6
	Sep 2012	197	21	22	30	14	6
	Summer 2012	**1832**	**227**	**128**	**172**	**97**	**33**
	Oct 2012	203	18	11	16	8	5
	Nov 2012	246	18	3	5	3	5
	Dec 2012	326	27	4	6	4	4
	Jan 2013	323	27	5	7	4	4
	Feb 2013	271	24	4	6	3	4
	Mar 2013	239	18	5	8	5	4
	Winter 2013	**1608**	**132**	**33**	**49**	**27**	**25**
	Apr 2013	238	17	9	15	9	3
	May 2013	240	32	25	40	23	6
	Jun 2013	327	60	11	19	14	8
	Jul 2013	342	31	26	33	18	10
	Aug 2013	341	31	28	36	18	7
	Sep 2013	246	30	22	28	15	6
	Summer 2013	**1734**	**201**	**121**	**172**	**97**	**41**
	Oct 2013	245	31	12	16	9	6
	Nov 2013	244	30	4	6	4	6
	Dec 2013	324	31	4	6	4	6
	Jan 2014	321	31	9	12	6	5
	Feb 2014	239	28	11	15	8	5
	Mar 2014	239	31	12	16	9	5
	Winter 2014	**1134**	**124**	**30**	**40**	**23**	**24**
	Apr 2014	240	30	15	22	13	5
	May 2014	243	45	35	52	23	7
	Jun 2014	271	84	23	35	22	8
	Jul 2014	376	37	36	44	23	10
	Aug 2014	354	37	38	45	23	7

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2012 24-Month Study

Most Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions

Date	Flaming George KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Total KAF	Flaming George KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****CREDITABLE SPACE****										
Sep 2012	741	443	595	10171	11950	14108	26058	741	443	595	1779	10171	14108	26058	2270	670	0	34.1
Oct 2012	789	496	653	10333	12271	14300	26570	789	496	653	1937	10333	14300	26570	3040	382	0	33.8
Nov 2012	817	513	675	10471	12475	14215	26690	817	513	675	2004	10471	14215	26690	3810	506	0	33.6
Dec 2012	838	505	682	10724	12749	14148	26897	838	505	682	2025	10724	14148	26897	4580	502	0	33.6
Jan 2013	885	504	688	11169	13245	13822	27067	885	504	688	2076	11169	13822	27067	5350	670	0	33.3
								****EFFECTIVE SPACE****										
Jan 2013	885	504	688	11169	13245	13822	27067	410	310	404	1125	11169	13822	26116	5350	670	0	33.3
Feb 2013	926	505	697	11618	13746	13675	27421	450	313	413	1176	11618	13675	26469	1500	676	0	33.0
Mar 2013	959	504	698	11969	14131	13627	27758	481	315	413	1209	11969	13627	26805	1500	1030	0	32.5
Apr 2013	928	498	659	12178	14263	14012	28275	444	310	371	1125	12178	14012	27315	1500	1104	0	32.2
May 2013	871	473	586	12231	14160	14471	28631	380	283	278	941	12231	14471	27644	1500	987	0	32.9
Jun 2013	774	397	532	11372	13074	14847	27922	273	192	189	654	11372	14847	26873	1500	931	0	34.1
Jul 2013	621	231	427	10369	11648	15017	26665	107	3	32	142	10369	15017	25527	1500	927	0	34.1
								****CREDITABLE SPACE****										
Aug 2013	532	227	452	10336	11546	15149	26696	532	227	452	1211	10336	15149	26696	1500	835	0	33.6
Sep 2013	555	263	476	10654	11948	15156	27104	555	263	476	1294	10654	15156	27104	2270	655	0	33.2
Oct 2013	600	296	486	10821	12203	15215	27419	600	296	486	1382	10821	15215	27419	3040	435	0	33.1
Nov 2013	638	299	476	10935	12349	15080	27428	638	299	476	1413	10935	15080	27428	3810	525	0	33.0
Dec 2013	675	284	471	11089	12519	15031	27550	675	284	471	1430	11089	15031	27550	4580	455	0	33.0
Jan 2014	727	274	470	11486	12956	14660	27616	727	274	470	1470	11486	14660	27616	5350	673	0	32.8
								****EFFECTIVE SPACE****										
Jan 2014	727	274	470	11486	12956	14660	27616	380	274	310	964	11486	14660	27110	5350	673	0	32.8
Feb 2014	774	279	470	11853	13376	14518	27895	425	279	310	1015	11853	14518	27386	1500	679	0	32.6
Mar 2014	810	294	460	12018	13582	14547	28129	458	294	299	1052	12018	14547	27617	1500	1034	0	32.3
Apr 2014	797	300	401	12044	13542	14936	28478	441	300	237	978	12044	14936	27958	1500	1108	0	32.2
May 2014	753	279	323	11809	13164	15401	28565	391	279	139	808	11809	15401	28017	1500	991	0	33.4
Jun 2014	643	191	265	10509	11608	15782	27390	269	187	44	500	10509	15782	26791	1500	935	0	34.9
Jul 2014	496	29	324	8959	9808	16096	25904	109	2	51	161	8959	16096	25216	1500	931	0	34.9
								****CREDITABLE SPACE****										
Aug 2014	406	27	331	8920	9684	16176	25860	406	27	331	764	8920	16176	25860	1500	839	0	34.5

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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October 24-Month Study
Date: October 12, 2012

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

Reservoir	September Inflow (unregulated) (acre-feet)	Percent of Average (%)	October 11 Midnight Elevation (feet)	Reservoir Storage (acre-feet)
Fontenelle	23,000	50	6493.52	252,000
Flaming Gorge	19,000	35	6021.25	3,024,000
Blue Mesa	19,000	50	7452.67	328,000
Navajo	0	0	6030.28	1,011,000
Powell	104,000	25	3620.68	13,835,000

Expected Operations

The operation of Lake Powell and Lake Mead in this October 2012 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines), and reflects the 2012 Annual Operating Plan (AOP) and draft 2013 AOP. Pursuant to the Interim Guidelines, the August 2012 24-Month Study projections of the January 1, 2013, system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2013.

Consistent with Section 6.B of the Interim Guidelines, the Lake Powell operational tier for water year 2013 is the Upper Elevation Balancing Tier. The October 2012 24-Month Study projects the water year release volume from Lake Powell for 2013 to be 8.23 million acre-feet (maf).

Consistent with Section 6.B.3 of the Interim Guidelines, if the April 24-Month study projects the September 30 Lake Powell elevation to be greater than the 2013 Equalization elevation of 3,646.0 feet with an annual release from Lake Powell of 8.23 maf, the Equalization Tier will govern operations of Lake Powell for the remainder of the water year. If such an adjustment occurs, the water year release volume from Lake Powell may be greater than 8.23 maf. Based on analysis of a range of inflow scenarios, the current probability of realizing an inflow volume that would trigger Equalization in 2013 is approximately 20 percent.

Consistent with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar years 2012 and 2013.

The Interim Guidelines are available for download at
http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The 2012 AOP is available for download at
http://www.usbr.gov/lc/region/g4000/aop/AOP12.pdf.
The draft 2013 AOP is available for download at
http://www.usbr.gov/uc/water/rsvrs/ops/aop/AOP13_draft.pdf.

Fontenelle Reservoir – Inflows to Fontenelle Reservoir for the month of September were 23,000 acre-feet (AF), or 50 percent of average. The reservoir elevation is 6494.63 feet above sea level, 75 percent of capacity and will be decreasing over the winter. Inflows are averaging 350 cubic feet per second (cfs) and reservoir releases decreased from 900 cfs to 850 cfs on October 8, 2012. Releases will likely remain near this level through the fall and winter months.

Inflows for the next three months are projected to be below average: with October, November and December forecasted inflow volumes at 27,000 AF (55% of average), 27,000 AF (64% of average), and 25,000 AF (78% of average), respectively. The Colorado Basin River Forecast Center has also issued the water year 2013 outlook. Based on the October climatology and initial conditions, the forecasted inflows for water year 2013 are 860,000 AF (79% of average).

The next Fontenelle Working Group meeting is scheduled for April 25, 2013, at 10:00 am at the Seedskadee National Wildlife Refuge. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir. The autumn Fontenelle Working Group meeting was held on August 23, 2012 at Joint Powers and Water Board in Green River, Wyoming. Minutes from the meeting are posted on the Working Group webpages.

Flaming Gorge Reservoir – Unregulated inflow into Flaming Gorge Reservoir during the month of September was 19,400 acre-feet, or 35 percent of average. The reservoir elevation is 6021.33 feet and dropping. Observed inflows are approximately 700 cubic feet per second (cfs).

Forecasts continue to decrease and Flaming Gorge Dam is in the dry hydrologic classification as outlined in the Record of Decision. Beginning October 1, 2012, Flaming Gorge Dam releases decreased from 1,100 cfs to a steady release of 810 cfs. Releases will continue at a steady 810 cfs until otherwise communicated. Anticipated releases during December through February will increase to an average daily release of 1,200 cfs. However, any change in releases will be officially communicated.

The Colorado Basin River Forecast Center and Natural Resources Conservation Service have issued the joint water supply forecast for the next three months. The unregulated inflow volumes and percent of average for October, November and December are forecasted to be 23 kaf (38%), 27 kaf (53%), and 20 kaf (57%), respectively.

The next Flaming Gorge Working Group meeting is scheduled for April 24, 2013, at 11:00 a.m. at the new Utah Department of Natural Resources building in Vernal, Utah, located at 318 North Vernal Avenue. The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stake holders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations and plans presented by Reclamation at these meetings. For more information on this group and these meetings please contact Ed Vidmar at 801-379-1182.

Aspinall Unit Reservoirs – September unregulated inflow into Blue Mesa Reservoir was 19,000 acre-feet or 50 percent of average. Precipitation during September was observed to be about 65 percent of average. The current inflow rate into Blue Mesa Reservoir is about 300 cfs and reservoir releases are averaging about 900 cfs. Blue Mesa's present elevation is 7452.91 feet, which corresponds to a storage content of about 329,000 acre-feet. The unregulated reservoir inflow into Blue Mesa Reservoir during water year 2011 was 426,500 acre-feet, or about 45 percent of average.

Releases from Crystal are currently set at 1000 cfs. The current diversion rate through the Gunnison Diversion Tunnel is about 700 cfs, which results in a river flow below the diversion tunnel of approximately 300 cfs. As the irrigation season comes to a close decreases in Crystal releases will occur as the demand for irrigation water is reduced and the Gunnison Tunnel flows are shut off. Flows in the Gunnison River below the tunnel will remain close to minimum low flow of 300 cfs through the late fall and the winter months in order to conserver reservoir storage.

The last meeting of the "Aspinall Unit Working Group" was held on Thursday, August 9, 2012 starting at 1:00 PM at the Elk Creek Visitors Center at Blue Mesa Reservoir. At this meeting, review of this spring's reservoir operations, and plans for this summer and fall operations were discussed. These meetings are open forum discussions on the Aspinall Unit reservoir operations with many interested groups participating. Anyone needing further information about these meetings should contact Dan Crabtree in the Grand Junction Area Office at (970) 248-0652.

Navajo Reservoir – As a result of increased river flows and milder temperatures in the San Juan River Basin, Reclamation decreased the release from Navajo Reservoir from 800 to 650 cubic feet per second (cfs) on Tuesday, October 9, 2012, beginning at 8:00 a.m. Releases are made for the authorized purposes of the Navajo Unit, and to attempt to maintain a target base flow through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell).

The San Juan River Basin Recovery Implementation Program recommends a target base flow of between 500 cfs and 1,000 cfs through the critical habitat area. The target base

flow is calculated as the weekly average of gaged flows throughout the critical habitat area.

This scheduled release change is subject to changes in river flows and weather conditions. Reclamation will continue to closely monitor weather and stream flow conditions and make adjustments to the Navajo Reservoir release as necessary.

Precipitation for the month of September in the San Juan River basin was about 45 percent of average. Unregulated inflow into Navajo Reservoir during the month of September was 780 acre-feet, or 19 percent of average. Currently, the daily reservoir inflow is averaging about 60 cfs. Diversions for NIIP are currently 300 cfs. The reservoir water surface elevation is at 6030.91 feet, which corresponds to a storage content of about 1,018,000 acre-feet or about 60% of capacity.

The unregulated reservoir inflow into Navajo Reservoir during water year 2012 was recorded at 522,000 acre-feet, or about 49 percent of average. The reservoir had a seasonal peak elevation of 6061.56 feet on May 20, 2012.

A public meeting on Navajo Reservoir operations was held Tuesday, August 21, 2012 at 1:00 PM at the Civic Center in Farmington, New Mexico (200 West Arrington Street). At this meeting, review of this spring's reservoir operations, and plans for this summer and fall operations were discussed. These meetings are open forum discussions on the operation of Navajo Reservoir with many interested groups participating. Anyone interested in the general operation of the reservoir is encouraged to attend. Please contact Ryan Christianson in Reclamation's Durango, Colorado Office at (970) 385-6590 for information about these meetings or the daily operation of Navajo Reservoir.

Glen Canyon Dam / Lake Powell – The unregulated inflow volume to Lake Powell in September was 104 thousand acre-feet (kaf) (25% of average). The release volume from Glen Canyon Dam in September was 481 kaf. The end of September elevation and storage of Lake Powell were 3621.6 feet (78.4 feet from full pool) and 13.93 maf (57.3% of full capacity). The reservoir elevation is now declining.
The water year unregulated inflow volume for 2012 was 4.91maf (45.3% of average), placing the 2012 as the third driest on record since the closure of Glen Canyon Dam in 1963. Only 2002 and 1977 were drier, receiving 2.64 maf and 3.53 maf, respectively. In terms of reservoir elevation and storage, Lake Powell reached its peak for water year 2012 on June 3rd at 3636.9 ft (63.1 feet from full pool) and 15.64 maf (64.3% of capacity), respectively. The peak elevation in 2012 was 24 feet below the 2011 peak elevation of 3660.9 ft.

Releases for Water Year 2012 totaled 9.466 maf. Pursuant to the 2007 Interim Guidelines, Lake Powell operated under the Equalization Tier in 2012. Due to the dry hydrologic conditions experienced in 2012, the Equalization release objective was 9.463 maf, which is 8.23 maf plus 1.233 maf (the Equalization release volume from 2011 that could not be achieved by September 30, 2011). Throughout water year 2012,

Reclamation adjusted operations of Glen Canyon Dam to release the appropriate annual volume during 2012 to achieve Equalization objectives as practicably as possible by September 30, 2012.

Current Dam Operations

The operating tier for 2013 is the Upper Elevation Balancing Tier, as establish in August 2012 and pursuant to the Interim Guidelines. However, if hydrologic conditions and projections become wetter, it is possible that beginning in April, the Equalization tier will govern the operations of Lake Powell for the remainder of the water year. Based on analysis of a range of inflow scenarios, the current probability of realizing an inflow volume that would trigger Equalization in 2013 is approximately 20 percent. As hydrologic conditions for Lake Powell and Lake Mead change throughout the year, Reclamation will adjust operations of Glen Canyon Dam to release the appropriate annual volume during 2013 to achieve the governing operating tier objectives as practicably as possible by September 30, 2013.

Releases from Glen Canyon Dam in October are averaging approximately 8,030 cfs and are steady with no fluctuations for hydropower generation. The scheduled release volume for October is 494 kaf. In September and October, as part of the 2008 FONSI, releases from Glen Canyon Dam will be steady for a steady flow experiment. 2012 is the last year of the 5-year steady flow experiment.

The anticipated release volume for November is 600 kaf with fluctuations for power generation throughout the day consistent with the Glen Canyon Operating Criteria (Federal Register, Volume 62, No. 41, March 3, 1997). However, the release volume may be adjusted in the event of a High Flow Experiment. This fall marks the first season of a multi-year High-Flow Protocol, under which high flow releases are linked to sediment input and other resource conditions below Glen Canyon Dam. Preliminary analysis appears favorable for a high flow experimental release to occur during the period of November 18 – 25, 2012. During the High Flow Experiment, total releases from Glen Canyon Dam at full bypass may reach approximately 42,000 cfs. The total experiment, including ramping, could last anywhere from one and a half to six and a half days. In the event of a high flow experiment, releases from Glen Canyon Dam prior to and after the high flow experiment are anticipated to fluctuate between 5,000cfs and 8,000cfs.

In December, the release volume will likely be about 800 kaf, with fluctuations throughout the day from about 8,000 cfs in the early morning to about 16,000cfs in the early evening.

In addition to daily scheduled fluctuations for power generation, the instantaneous releases from Glen Canyon Dam may also fluctuate to provide 40 MW of system regulation. These instantaneous release adjustments stabilize the electrical generation and transmission system and translate to a range of about 1,100 cfs above or below the hourly scheduled release rate. Typically, fluctuations for system regulation are very short lived and balance out over the hour and do not have noticeable impacts on downstream river flow conditions.

Releases from Glen Canyon Dam can also fluctuate beyond scheduled fluctuations for power generation when called upon as a partner that shares reserve requirements within the electrical generator community (i.e. balancing area). To provide system reliability, all participating electricity generators within the balancing area maintain a specified level of generation capacity (i.e. reserves) that can be called upon when an unscheduled outage occurs. Glen Canyon Dam typically maintains 43 MW of reserves (approximately 1,100 cfs) for this purpose. Reserve calls can be maintained for a maximum of 2 hours after which time the generation rate should be returned to the original schedule. If reserves from Glen Canyon Dam are called upon, releases from the dam can exceed scheduled levels and can have a noticeable impact on the river downstream from Glen Canyon Dam. Calls for reserves are fairly infrequent and typically are for much less than 43 MW.

Current Inflow Forecasts and Model Projections

The hydrologic outlook forecast for water year 2013 projects that the most probable (median) unregulated inflow volume will be 7.60 maf (70% of average based on the period 1981-2010). Based on this hydrologic outlook, the October 24-Month study projects the annual release volume for water year 2013 will be 8.23 maf and the end of water year reservoir elevation and storage for Lake Powell will be 3608.52 (91.48 feet from full pool) and 12.582 maf (51.7% capacity), respectively.

If hydrologic conditions and projections become wetter, it is possible that beginning in April, the Equalization tier will govern the operations of Lake Powell for the remainder of the water year and the release volume for 2013 could be greater than 8.23 maf. Based on analysis of a range of inflow scenarios, the current probability of realizing an inflow volume that would trigger Equalization in 2013 is approximately 20 percent.

Upper Colorado River Basin Hydrology - Since water year 2005, hydrologic conditions in the Upper Colorado River Basin have resulted in significant year to year variability. The unregulated inflow to Lake Powell, which is a good measure of the hydrologic condition in the Colorado River Basin, has averaged a water year volume of 10.22 maf (94% of average (period 1981-2010)) during the period from 2005 through 2012. The hydrologic variability during this period has been from a low water year unregulated inflow volume of 4.91 maf (45% of average) in water year 2012 to a high water year unregulated inflow volume of 15.97 maf (147% of average) in water year 2011. Based on observed inflows and current forecasts, water year 2013 unregulated inflow is expected to be 7.60 maf (70% of average).

Overall reservoir storage in the Colorado River Basin has increased by over 4 maf since the beginning of water year 2005 and this is an improvement over the drought conditions during water years 2000 through 2004. On October 1, 2004, the beginning of water year 2005, the total reservoir storage in the Colorado River Basin was 29.8 maf (50% of capacity). On October 1, 2012, the beginning of water year 2013, the total reservoir storage in the Colorado River Basin was 33.9 maf (57 % of capacity).

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-430
125 SOUTH STATE STREET, ROOM 6107
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-3709

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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:	Obs			sep	Forecast		
:	jun	jul	aug	sep	%Avg	oct	nov	dec
GLDA3:Lake Powell	353	154	101	104	25%:	200/	300/	250/
GBRW4:Fontenelle	189	92	36	23	50%:	27/	27/	25/
GRNU1:Flaming Gorge	188	93	29	19.4	35%:	23/	27/	20/
BMDC2:Blue Mesa	45	30	28	19.2	50%:	20/	20/	17/
MPSC2:Morrow Point	45	31	28	19.5	48%:	21/	21/	18/
CLSC2:Crystal	49	35	32	22	47%:	24/	24/	21/
TPIC2:Taylor Park	8.7	5.9	4.5	4.3	58%:	3.8/	3.4/	3/
VCRC2:Vallecito	17.1	11.2	7.1	3.9	22%:	5/	4.5/	3.7/
NVRN5:Navajo	20	10.4	0.36	-2.27	0%:	9/	11/	13/
LEMC2:Lemon	3.9	2.6	2.4	0.78	19%:	1/	0.9/	0.7/
MPHC2:McPhee	11.9	9.1	7.0	4.0	35%:	3.8/	3.9/	3.2/
RBSC2:Ridgway	12.3	8.8	7.6	6.1	62%:	4.8/	3.7/	3.2/

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

October 2012 24-Month Study

Most Probable Inflow*

Fontenelle Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Oct 2011	50	1	56	18	74	6496.55	273
H	Nov 2011	46	1	22	49	71	6492.84	247
I	Dec 2011	35	1	74	0	74	6486.86	207
S	Jan 2012	32	1	74	0	74	6479.61	165
T	Feb 2012	30	0	69	0	69	6471.56	126
O	Mar 2012	64	0	67	0	67	6470.82	123
R	Apr 2012	98	1	60	0	60	6478.72	160
I	May 2012	130	1	61	0	62	6489.92	227
C	Jun 2012	189	2	83	16	99	6502.11	315
A	Jul 2012	92	3	72	3	75	6503.94	329
L	Aug 2012	36	2	68	0	68	6499.56	296
*	Sep 2012	23	2	46	8	54	6495.11	263
	WY 2012	**825**	**15**	**750**	**94**	**845**		
	Oct 2012	27	1	53	0	53	6491.25	236
	Nov 2012	27	1	51	0	51	6487.53	212
	Dec 2012	25	1	52	0	52	6483.06	184
	Jan 2013	24	1	52	0	52	6477.80	155
	Feb 2013	22	0	47	0	47	6472.42	130
	Mar 2013	42	0	52	0	52	6469.97	119
	Apr 2013	66	1	51	0	51	6473.32	134
	May 2013	125	1	68	0	68	6484.00	190
	Jun 2013	245	2	104	15	119	6501.91	313
	Jul 2013	150	3	100	17	117	6505.78	344
	Aug 2013	65	2	77	0	77	6504.00	330
	Sep 2013	42	2	69	0	69	6500.22	301
	WY 2013	**860**	**15**	**775**	**33**	**808**		
	Oct 2013	46	1	72	0	72	6496.57	274
	Nov 2013	41	1	69	0	69	6492.45	245
	Dec 2013	32	1	72	0	72	6486.32	204
	Jan 2014	30	1	72	0	72	6479.16	162
	Feb 2014	28	0	65	0	65	6471.32	125
	Mar 2014	53	0	72	0	72	6466.63	105
	Apr 2014	85	1	77	0	77	6468.50	113
	May 2014	164	1	98	7	105	6480.72	171
	Jun 2014	299	2	102	70	173	6499.53	295
	Jul 2014	178	3	101	31	132	6505.04	338
	Aug 2014	77	2	74	0	74	6505.09	338
	Sep 2014	46	2	65	0	65	6502.36	317
	WY 2014	**1078**	**15**	**939**	**108**	**1046**		

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2130

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

October 2012 24-Month Study

Most Probable Inflow*

Flaming Gorge Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	Oct 2011	74	97	7	120	0	121	138	6032.27	3437	188
H	Nov 2011	64	89	4	88	0	88	138	6032.21	3435	144
I	Dec 2011	38	77	2	108	0	108	137	6031.41	3404	147
S	Jan 2012	45	87	2	148	0	148	134	6029.85	3343	189
T	Feb 2012	47	86	2	140	0	140	132	6028.43	3289	186
O	Mar 2012	104	107	3	162	0	162	130	6026.95	3233	286
R	Apr 2012	136	98	5	122	0	122	129	6026.21	3205	331
I	May 2012	153	85	8	159	19	178	125	6023.57	3108	385
C	Jun 2012	188	98	10	87	0	87	125	6023.59	3108	158
A	Jul 2012	93	76	12	84	0	84	124	6023.04	3088	100
L	Aug 2012	29	60	12	80	0	80	123	6022.19	3058	91
*	Sep 2012	19	50	10	68	0	68	122	6021.43	3030	78
	WY 2012	**990**	**1010**	**78**	**1366**	**20**	**1386**				**2282**
	Oct 2012	23	49	7	51	0	51	122	6021.18	3021	51
	Nov 2012	27	51	3	50	0	50	121	6021.10	3019	50
	Dec 2012	20	47	2	74	0	74	120	6020.34	2992	74
	Jan 2013	27	55	2	74	0	74	120	6019.79	2972	74
	Feb 2013	34	59	2	67	0	67	119	6019.53	2963	67
	Mar 2013	80	90	3	50	0	50	121	6020.54	2999	50
	Apr 2013	103	88	5	48	0	48	122	6021.50	3033	48
	May 2013	170	113	7	88	0	88	123	6021.96	3050	88
	Jun 2013	290	164	10	167	0	167	122	6021.62	3037	167
	Jul 2013	175	142	13	70	0	70	124	6023.20	3094	70
	Aug 2013	72	84	12	70	0	70	125	6023.26	3096	70
	Sep 2013	49	76	11	68	0	68	124	6023.21	3094	68
	WY 2013	**1070**	**1018**	**76**	**875**	**0**	**875**				**875**
	Oct 2013	55	80	7	70	0	70	125	6023.30	3098	70
	Nov 2013	49	78	3	68	0	68	125	6023.48	3104	68
	Dec 2013	35	74	2	70	0	70	125	6023.56	3107	70
	Jan 2014	40	82	2	70	0	70	125	6023.83	3117	70
	Feb 2014	45	82	2	63	0	63	126	6024.26	3133	63
	Mar 2014	102	121	3	70	0	70	128	6025.53	3180	70
	Apr 2014	134	125	5	68	0	68	130	6026.89	3231	68
	May 2014	245	186	8	111	0	111	132	6028.59	3295	111
	Jun 2014	390	263	10	230	0	230	133	6029.17	3317	230
	Jul 2014	210	165	14	101	0	101	135	6030.41	3365	101
	Aug 2014	89	86	13	101	0	101	134	6029.71	3338	101
	Sep 2014	55	75	11	98	0	98	133	6028.84	3304	98
	WY 2014	**1448**	**1417**	**79**	**1119**	**0**	**1119**				**1119**

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2130

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

October 2012 24-Month Study

Most Probable Inflow*

Taylor Park Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Oct 2011	7	9	9309.52	69
H	Nov 2011	5	6	9309.15	69
I	Dec 2011	4	6	9307.93	67
S	Jan 2012	4	5	9307.37	66
T	Feb 2012	4	4	9307.22	66
O	Mar 2012	6	4	9308.28	67
R	Apr 2012	10	4	9311.81	73
I	May 2012	16	8	9316.40	81
C	Jun 2012	9	15	9312.87	75
A	Jul 2012	6	14	9307.53	66
L	Aug 2012	4	12	9302.28	58
*	Sep 2012	4	6	9300.80	56
	WY 2012	**80**	**94**		
	Oct 2012	4	6	9299.18	54
	Nov 2012	3	5	9298.35	53
	Dec 2012	3	5	9297.20	51
	Jan 2013	3	5	9295.71	50
	Feb 2013	2	5	9293.75	47
	Mar 2013	2	5	9291.97	45
	Apr 2013	5	5	9292.66	46
	May 2013	22	8	9303.36	60
	Jun 2013	35	15	9316.00	80
	Jul 2013	15	18	9314.48	77
	Aug 2013	8	18	9308.18	67
	Sep 2013	6	16	9301.38	57
	WY 2013	**109**	**108**		
	Oct 2013	6	10	9298.30	53
	Nov 2013	5	5	9298.52	53
	Dec 2013	5	5	9298.66	53
	Jan 2014	4	5	9298.54	53
	Feb 2014	4	5	9298.01	52
	Mar 2014	4	5	9297.96	52
	Apr 2014	9	5	9301.13	57
	May 2014	28	12	9311.91	73
	Jun 2014	42	18	9325.20	97
	Jul 2014	20	20	9325.27	97
	Aug 2014	10	20	9320.11	87
	Sep 2014	7	16	9315.22	79
	WY 2014	**144**	**123**		

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

October 2012 24-Month Study

Most Probable Inflow*

Blue Mesa Reservoir

	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Oct 2011	36	38	1	93	0	93	7497.84	644
H	Nov 2011	29	29	0	37	0	37	7496.82	635
I	Dec 2011	24	26	0	87	0	87	7489.07	574
S	Jan 2012	22	23	0	52	0	52	7485.29	545
T	Feb 2012	21	22	0	34	0	34	7483.66	533
O	Mar 2012	40	39	0	32	0	32	7484.49	539
R	Apr 2012	57	51	1	58	0	58	7483.54	532
I	May 2012	74	66	1	71	0	71	7482.82	527
C	Jun 2012	45	50	1	93	0	93	7476.82	483
A	Jul 2012	30	39	1	90	0	90	7469.29	431
L	Aug 2012	28	36	1	79	0	79	7462.48	387
*	Sep 2012	19	21	1	67	0	67	7454.82	340
	WY 2012	**427**	**442**	**7**	**793**	**0**	**793**		
	Oct 2012	20	22	0	39	0	39	7451.93	323
	Nov 2012	20	21	0	14	0	14	7453.14	330
	Dec 2012	17	19	0	15	0	15	7453.81	334
	Jan 2013	15	17	0	16	0	16	7454.03	336
	Feb 2013	14	16	0	13	0	13	7454.58	339
	Mar 2013	24	26	0	18	0	18	7455.99	347
	Apr 2013	57	56	1	29	0	29	7460.39	374
	May 2013	161	147	1	75	0	75	7471.32	445
	Jun 2013	200	180	1	33	0	33	7491.18	591
	Jul 2013	83	86	1	89	0	89	7490.57	586
	Aug 2013	48	58	1	97	0	97	7485.45	546
	Sep 2013	34	44	1	77	0	77	7480.90	513
	WY 2013	**693**	**692**	**7**	**513**	**0**	**513**		
	Oct 2013	36	40	0	44	0	44	7480.32	508
	Nov 2013	30	30	0	15	0	15	7482.36	523
	Dec 2013	26	25	0	15	0	15	7483.78	534
	Jan 2014	24	24	0	30	0	30	7483.01	528
	Feb 2014	22	23	0	27	0	27	7482.46	524
	Mar 2014	36	36	0	32	0	32	7482.95	528
	Apr 2014	77	73	1	49	0	49	7486.03	551
	May 2014	221	205	1	118	0	118	7496.96	637
	Jun 2014	261	237	1	70	0	70	7516.40	802
	Jul 2014	117	117	2	115	0	115	7516.40	803
	Aug 2014	63	73	1	122	0	122	7510.76	752
	Sep 2014	38	47	1	113	0	113	7502.87	685
	WY 2014	**951**	**930**	**9**	**749**	**0**	**749**		

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2130

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

October 2012 24-Month Study

Most Probable Inflow*

Morrow Point Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Oct 2011	37	93	1	94	91	0	91	7151.08	110
H	Nov 2011	30	37	2	39	38	0	38	7151.73	110
I	Dec 2011	25	87	0	88	85	0	85	7154.97	113
S	Jan 2012	23	52	1	53	52	0	52	7155.61	113
T	Feb 2012	22	34	1	35	35	0	35	7155.27	113
O	Mar 2012	43	32	2	35	34	0	34	7156.25	114
R	Apr 2012	63	58	6	64	63	0	63	7157.05	115
I	May 2012	80	71	6	76	79	0	79	7154.07	112
C	Jun 2012	45	93	1	93	93	0	93	7154.59	113
A	Jul 2012	31	90	0	90	89	0	89	7155.86	114
L	Aug 2012	28	79	0	80	80	0	80	7154.84	113
*	Sep 2012	19	67	0	68	71	0	71	7150.03	109
	WY 2012	**447**	**793**	**21**	**814**	**811**	**0**	**811**		
	Oct 2012	21	39	1	40	37	0	37	7153.73	112
	Nov 2012	21	14	1	15	15	0	15	7153.73	112
	Dec 2012	18	15	1	16	16	0	16	7153.73	112
	Jan 2013	16	16	1	17	17	0	17	7153.73	112
	Feb 2013	16	13	2	15	15	0	15	7153.73	112
	Mar 2013	26	18	2	20	20	0	20	7153.73	112
	Apr 2013	65	29	8	37	37	0	37	7153.73	112
	May 2013	180	75	19	94	94	0	94	7153.73	112
	Jun 2013	215	33	15	48	48	0	48	7153.73	112
	Jul 2013	88	89	5	94	94	0	94	7153.73	112
	Aug 2013	51	97	3	100	100	0	100	7153.73	112
	Sep 2013	36	77	2	79	79	0	79	7153.73	112
	WY 2013	**753**	**513**	**60**	**573**	**570**	**0**	**570**		
	Oct 2013	38	44	2	46	46	0	46	7153.73	112
	Nov 2013	32	15	2	17	17	0	17	7153.73	112
	Dec 2013	28	15	2	17	17	0	17	7153.73	112
	Jan 2014	27	30	2	32	32	0	32	7153.73	112
	Feb 2014	25	27	3	30	30	0	30	7153.73	112
	Mar 2014	40	32	4	36	36	0	36	7153.73	112
	Apr 2014	88	49	11	60	60	0	60	7153.73	112
	May 2014	247	118	26	144	144	0	144	7153.73	112
	Jun 2014	281	70	20	90	90	0	90	7153.73	112
	Jul 2014	123	115	6	121	121	0	121	7153.73	112
	Aug 2014	67	122	3	125	125	0	125	7153.73	112
	Sep 2014	41	113	3	116	116	0	116	7153.73	112
	WY 2014	**1036**	**749**	**84**	**833**	**833**	**0**	**833**		

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2130

Processed On: 10/10/2012 2:34:27PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

October 2012 24-Month Study

Most Probable Inflow*

Crystal Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
*	Oct 2011	41	91	4	96	94	0	94	6749.65	16	53	44
H	Nov 2011	34	38	4	42	41	1	41	6751.53	17	1	41
I	Dec 2011	28	85	3	88	89	0	89	6750.95	16	1	90
S	Jan 2012	27	52	3	56	53	3	56	6751.28	16	1	57
T	Feb 2012	26	35	3	38	15	23	38	6751.90	17	1	40
O	Mar 2012	49	34	6	40	40	0	40	6751.80	17	6	36
R	Apr 2012	71	63	8	71	71	0	71	6752.10	17	50	23
I	May 2012	86	79	6	84	86	0	86	6745.87	15	65	23
C	Jun 2012	49	93	3	96	97	0	97	6744.24	14	63	36
A	Jul 2012	35	89	4	93	93	0	93	6745.39	15	62	35
L	Aug 2012	32	80	3	84	84	0	84	6743.63	14	52	36
*	Sep 2012	22	71	2	74	63	11	74	6743.29	14	45	31
	WY 2012	**498**	**811**	**51**	**862**	**824**	**38**	**862**			**397**	**491**
	Oct 2012	24	37	3	40	37	0	37	6753.04	17	18	19
	Nov 2012	24	15	3	18	18	0	18	6753.04	17	0	18
	Dec 2012	21	16	3	19	19	0	19	6753.04	17	0	19
	Jan 2013	18	17	2	19	19	0	19	6753.04	17	0	19
	Feb 2013	18	15	2	17	17	0	17	6753.04	17	0	17
	Mar 2013	30	20	4	24	24	0	24	6753.04	17	5	18
	Apr 2013	76	37	11	48	48	0	48	6753.04	17	30	18
	May 2013	205	94	25	119	119	0	119	6753.04	17	55	64
	Jun 2013	245	48	30	78	78	0	78	6753.04	17	60	18
	Jul 2013	99	94	11	105	105	0	105	6753.04	17	65	40
	Aug 2013	57	100	6	106	106	0	106	6753.04	17	65	41
	Sep 2013	42	79	6	85	85	0	85	6753.04	17	55	30
	WY 2013	**859**	**570**	**106**	**676**	**673**	**0**	**673**			**353**	**320**
	Oct 2013	44	46	6	52	52	0	52	6753.04	17	30	22
	Nov 2013	37	17	5	21	21	0	21	6753.04	17	0	21
	Dec 2013	32	17	5	22	22	0	22	6753.04	17	0	22
	Jan 2014	31	32	5	37	37	0	37	6753.04	17	0	37
	Feb 2014	29	30	4	33	33	0	33	6753.04	17	0	33
	Mar 2014	46	36	6	42	42	0	42	6753.04	17	5	37
	Apr 2014	101	60	12	73	73	0	73	6753.04	17	30	43
	May 2014	281	144	34	178	134	44	178	6753.04	17	55	123
	Jun 2014	315	90	34	124	124	0	124	6753.04	17	60	64
	Jul 2014	138	121	14	136	134	2	136	6753.04	17	65	71
	Aug 2014	75	125	8	134	134	0	134	6753.04	17	65	69
	Sep 2014	47	116	6	122	122	0	122	6753.04	17	55	67
	WY 2014	**1175**	**833**	**140**	**973**	**927**	**46**	**973**			**365**	**608**

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2130

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

October 2012 24-Month Study

Most Probable Inflow*

Vallecito Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Oct 2011	15	9	7640.42	65
H	Nov 2011	9	2	7643.33	72
I	Dec 2011	5	2	7644.76	75
S	Jan 2012	5	3	7645.42	76
T	Feb 2012	4	4	7645.50	76
O	Mar 2012	12	4	7648.84	84
R	Apr 2012	36	3	7661.80	117
I	May 2012	42	35	7664.36	124
C	Jun 2012	17	36	7656.80	104
A	Jul 2012	11	35	7647.02	80
L	Aug 2012	7	33	7634.93	54
*	Sep 2012	4	22	7624.48	36
	WY 2012	**168**	**188**		
	Oct 2012	5	3	7625.88	38
	Nov 2012	5	1	7627.67	41
	Dec 2012	4	2	7628.90	43
	Jan 2013	3	2	7629.93	45
	Feb 2013	3	1	7630.57	46
	Mar 2013	5	2	7632.28	49
	Apr 2013	15	1	7638.99	62
	May 2013	52	31	7648.24	83
	Jun 2013	67	43	7657.85	107
	Jul 2013	25	42	7651.01	89
	Aug 2013	18	38	7642.26	69
	Sep 2013	14	30	7634.58	53
	WY 2013	**215**	**194**		
	Oct 2013	14	17	7632.58	49
	Nov 2013	8	1	7636.01	56
	Dec 2013	6	2	7638.34	61
	Jan 2014	5	2	7640.14	65
	Feb 2014	5	1	7641.66	68
	Mar 2014	9	2	7644.76	75
	Apr 2014	23	3	7653.30	95
	May 2014	71	41	7664.83	125
	Jun 2014	70	70	7664.78	125
	Jul 2014	29	42	7659.85	112
	Aug 2014	20	38	7652.57	93
	Sep 2014	17	30	7647.36	81
	WY 2014	**278**	**247**		

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2130

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

October 2012 24-Month Study

Most Probable Inflow*

Navajo Reservoir

	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azetea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Farmington Flow (1000 Ac-Ft)
*	Oct 2011	54	4	44	2	10	33	6058.32	1327	55
H	Nov 2011	31	1	23	1	0	21	6058.38	1327	47
I	Dec 2011	19	0	16	1	1	31	6057.10	1311	54
S	Jan 2012	18	0	16	1	1	30	6055.85	1296	50
T	Feb 2012	19	0	18	1	1	28	6054.95	1285	46
O	Mar 2012	74	7	61	2	6	31	6056.81	1308	70
R	Apr 2012	149	18	98	2	27	30	6059.88	1346	96
I	May 2012	131	17	105	4	34	110	6056.40	1303	176
C	Jun 2012	20	4	35	4	46	42	6051.70	1246	57
A	Jul 2012	10	1	33	4	44	52	6045.91	1178	60
L	Aug 2012	0	0	26	3	45	55	6038.86	1101	46
*	Sep 2012	-2	0	17	2	22	58	6032.62	1035	65
	WY 2012	**522**	**53**	**490**	**26**	**236**	**521**			**821**
	Oct 2012	9	0	7	1	4	40	6028.80	997	40
	Nov 2012	11	0	8	1	0	21	6027.40	983	21
	Dec 2012	13	0	11	0	0	22	6026.26	971	22
	Jan 2013	12	0	10	0	0	22	6025.04	960	22
	Feb 2013	15	0	14	1	0	19	6024.39	953	19
	Mar 2013	55	1	51	1	2	22	6027.10	980	22
	Apr 2013	110	13	83	2	18	21	6031.39	1023	21
	May 2013	210	29	160	3	32	30	6040.37	1117	30
	Jun 2013	200	17	159	4	48	95	6041.53	1129	95
	Jul 2013	45	2	59	4	53	29	6039.12	1103	29
	Aug 2013	30	0	50	3	45	40	6035.47	1065	40
	Sep 2013	30	0	46	2	26	32	6034.10	1050	32
	WY 2013	**740**	**62**	**657**	**22**	**228**	**392**			**392**
	Oct 2013	37	0	41	1	7	35	6033.93	1049	35
	Nov 2013	30	0	23	1	0	21	6034.10	1050	21
	Dec 2013	25	0	20	1	0	22	6033.93	1049	22
	Jan 2014	22	0	18	1	0	22	6033.55	1045	22
	Feb 2014	30	0	27	1	0	19	6034.20	1051	19
	Mar 2014	92	2	83	1	2	22	6039.69	1109	22
	Apr 2014	170	14	136	2	18	21	6048.20	1205	21
	May 2014	277	37	210	3	33	30	6060.01	1348	30
	Jun 2014	224	32	191	4	48	95	6063.36	1391	95
	Jul 2014	66	6	72	5	53	22	6062.80	1384	22
	Aug 2014	45	2	61	4	46	27	6061.61	1368	27
	Sep 2014	43	0	55	3	26	22	6061.98	1373	22
	WY 2014	**1062**	**94**	**937**	**26**	**232**	**357**			**357**

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

October 2012 24-Month Study

Most Probable Inflow*

Lake Powell

	Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry (1000 Ac-Ft)
*	Oct 2011	513	630	45	956	0	956	3650.27	5434	17249	979
H	Nov 2011	506	530	43	1099	0	1099	3645.67	5388	16683	1104
I	Dec 2011	363	490	33	1223	0	1223	3639.75	5332	15974	1226
S	Jan 2012	356	503	10	852	0	852	3636.91	5305	15641	846
T	Feb 2012	342	460	11	653	0	653	3635.28	5290	15453	654
O	Mar 2012	560	625	19	600	0	600	3635.33	5290	15458	607
R	Apr 2012	764	689	29	606	0	606	3635.76	5294	15508	612
I	May 2012	792	770	35	601	0	601	3636.83	5304	15632	606
C	Jun 2012	353	398	54	709	0	709	3633.90	5277	15294	712
A	Jul 2012	154	285	62	886	0	886	3628.45	5228	14680	892
L	Aug 2012	101	289	60	800	0	800	3623.62	5186	14151	810
*	Sep 2012	104	296	54	481	0	481	3621.56	5168	13929	478
	WY 2012	**4908**	**5964**	**455**	**9466**	**0**	**9466**				**9527**
	Oct 2012	200	276	37	494	0	494	3619.34	5149	13693	494
	Nov 2012	300	327	35	600	0	600	3616.62	5126	13408	600
	Dec 2012	250	310	27	800	0	800	3611.96	5088	12929	800
	Jan 2013	250	307	8	800	0	800	3607.34	5051	12465	800
	Feb 2013	250	286	9	675	0	675	3603.59	5021	12096	675
	Mar 2013	425	358	15	600	0	600	3601.14	5002	11859	600
	Apr 2013	675	533	23	600	0	600	3600.27	4996	11776	600
	May 2013	1500	1214	28	600	0	600	3605.86	5039	12318	600
	Jun 2013	2150	1819	45	800	0	800	3614.81	5111	13221	800
	Jul 2013	875	815	55	811	0	811	3614.34	5107	13173	811
	Aug 2013	400	502	55	850	0	850	3610.69	5078	12800	850
	Sep 2013	325	414	50	600	0	600	3608.52	5060	12582	600
	WY 2013	**7600**	**7161**	**386**	**8230**	**0**	**8230**				**8230**
	Oct 2013	443	470	34	600	0	600	3606.99	5048	12429	600
	Nov 2013	441	434	33	600	0	600	3605.13	5033	12246	600
	Dec 2013	363	383	26	800	0	800	3600.90	5001	11836	800
	Jan 2014	361	396	8	800	0	800	3596.88	4970	11455	800
	Feb 2014	393	405	8	600	0	600	3594.87	4955	11267	600
	Mar 2014	665	562	14	600	0	600	3594.36	4951	11220	600
	Apr 2014	1056	844	22	600	0	600	3596.56	4968	11425	600
	May 2014	2343	1929	28	600	0	600	3609.00	5064	12630	600
	Jun 2014	2666	2267	47	650	0	650	3623.00	5180	14084	650
	Jul 2014	1091	996	59	850	0	850	3623.74	5187	14164	850
	Aug 2014	500	601	58	900	0	900	3620.66	5160	13833	900
	Sep 2014	408	531	53	630	0	630	3619.33	5149	13692	630
	WY 2014	**10729**	**9818**	**388**	**8230**	**0**	**8230**				**8230**

* Based on the Colorado River Basin Forecast Center'sMost Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

October 2012 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Glen Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Oct 2011	956	66	49	443	7.2	20	436	875	1121.00	13456
H	Nov 2011	1099	36	50	564	9.5	13	561	906	1125.82	13933
I	Dec 2011	1223	84	45	497	8.1	9	482	952	1132.83	14644
S	Jan 2012	852	55	37	713	11.6	9	712	976	1134.18	15022
T	Feb 2012	653	44	34	775	13.5	10	775	969	1133.06	14907
O	Mar 2012	600	43	38	986	16.0	16	985	945	1129.41	14535
R	Apr 2012	606	46	46	1170	19.7	20	1163	909	1123.93	13986
I	May 2012	601	16	52	1008	16.4	30	1007	880	1119.38	13541
C	Jun 2012	709	7	62	989	16.6	28	989	858	1115.84	13200
A	Jul 2012	886	69	77	841	13.7	29	819	858	1115.92	13207
L	Aug 2012	800	170	82	798	13.0	25	793	862	1116.56	13269
*	Sep 2012	481	96	67	635	10.7	17	632	854	1115.16	13135
	WY 2012	**9466**	**732**	**638**	**9421**		**226**	**9355**			
	Oct 2012	494	49	49	299	4.9	22	299	864	1116.86	13297
	Nov 2012	600	46	49	702	11.8	20	702	857	1115.64	13180
	Dec 2012	800	108	42	470	7.6	17	470	880	1119.33	13536
	Jan 2013	800	78	35	659	10.7	16	659	890	1120.95	13694
	Feb 2013	675	98	32	619	11.1	19	619	896	1121.94	13790
	Mar 2013	600	78	36	962	15.7	22	962	875	1118.63	13468
	Apr 2013	600	76	44	1102	18.5	15	1102	846	1113.88	13013
	May 2013	600	64	50	999	16.2	25	999	821	1109.80	12628
	Jun 2013	800	33	59	939	15.8	23	939	809	1107.90	12452
	Jul 2013	811	54	74	864	14.0	29	864	803	1106.86	12357
	Aug 2013	850	103	78	820	13.3	24	820	805	1107.17	12385
	Sep 2013	600	74	64	656	11.0	20	656	801	1106.51	12324
	WY 2013	**8230**	**861**	**613**	**9090**		**251**	**9090**			
	Oct 2013	600	49	47	493	8.0	18	493	807	1107.44	12410
	Nov 2013	600	46	47	631	10.6	24	631	803	1106.86	12357
	Dec 2013	800	108	41	520	8.5	19	520	823	1110.18	12664
	Jan 2014	800	78	34	673	10.9	20	673	832	1111.70	12807
	Feb 2014	600	98	31	679	12.2	18	679	831	1111.40	12778
	Mar 2014	600	78	34	1033	16.8	24	1033	805	1107.22	12389
	Apr 2014	600	76	42	1108	18.6	20	1108	775	1102.11	11925
	May 2014	600	64	47	992	16.1	31	992	750	1097.84	11543
	Jun 2014	650	33	56	936	15.7	26	936	730	1094.27	11229
	Jul 2014	850	54	70	931	15.1	28	931	722	1092.93	11111
	Aug 2014	900	103	74	839	13.6	31	839	726	1093.56	11167
	Sep 2014	630	74	61	658	11.1	22	658	724	1093.17	11132
	WY 2014	**8230**	**861**	**584**	**9494**		**282**	**9494**			

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

October 2012 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Oct 2011	443	7	15	611	0	611	9.9	633.03	1435
H	Nov 2011	564	-11	10	466	0	466	7.8	635.99	1511
I	Dec 2011	497	-28	9	385	0	385	6.3	638.82	1586
S	Jan 2012	713	-23	10	638	0	638	10.4	640.38	1628
T	Feb 2012	775	-18	10	726	0	726	12.6	641.20	1650
O	Mar 2012	986	-23	13	931	0	931	15.1	641.93	1670
R	Apr 2012	1170	-24	17	1091	0	1091	18.3	643.35	1708
I	May 2012	1008	-14	22	980	0	980	15.9	643.06	1700
C	Jun 2012	989	-19	25	952	0	952	16.0	642.80	1693
A	Jul 2012	841	-9	25	805	0	805	13.1	642.89	1696
L	Aug 2012	798	-11	23	744	0	744	12.1	643.63	1716
*	Sep 2012	635	-5	18	723	0	723	12.1	639.55	1605
	WY 2012	**9421**	**-177**	**197**	**9051**	**0**	**9051**			
	Oct 2012	299	0	14	519	0	519	8.4	630.49	1371
	Nov 2012	702	-15	10	536	0	536	9.0	636.00	1512
	Dec 2012	470	-19	9	370	0	370	6.0	638.71	1583
	Jan 2013	659	-13	10	553	0	553	9.0	641.80	1666
	Feb 2013	619	-6	10	603	0	603	10.9	641.80	1666
	Mar 2013	962	-14	13	901	0	901	14.6	643.05	1700
	Apr 2013	1102	-14	17	1073	0	1073	18.0	643.00	1699
	May 2013	999	-14	22	962	0	962	15.7	643.00	1699
	Jun 2013	939	-10	25	930	0	930	15.6	642.00	1671
	Jul 2013	864	-4	25	848	0	848	13.8	641.50	1658
	Aug 2013	820	-7	23	790	0	790	12.9	641.50	1658
	Sep 2013	656	0	18	731	0	731	12.3	638.00	1564
	WY 2013	**9090**	**-118**	**196**	**8816**	**0**	**8816**			
	Oct 2013	493	0	15	609	0	609	9.9	633.00	1434
	Nov 2013	631	-15	10	554	0	554	9.3	635.00	1486
	Dec 2013	520	-19	9	395	0	395	6.4	638.71	1583
	Jan 2014	673	-13	10	567	0	567	9.2	641.80	1666
	Feb 2014	679	-6	10	663	0	663	11.9	641.80	1666
	Mar 2014	1033	-14	13	972	0	972	15.8	643.05	1700
	Apr 2014	1108	-14	17	1080	0	1080	18.1	643.00	1699
	May 2014	992	-14	22	955	0	955	15.5	643.00	1699
	Jun 2014	936	-10	25	927	0	927	15.6	642.00	1671
	Jul 2014	931	-4	25	915	0	915	14.9	641.50	1658
	Aug 2014	839	-7	23	809	0	809	13.2	641.50	1658
	Sep 2014	658	0	18	733	0	733	12.3	638.00	1564
	WY 2014	**9494**	**-118**	**197**	**9179**	**0**	**9179**			

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

October 2012 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	Oct 2011	611	31	12	472	7.7	8	149	447.97	579	62	1.0
H	Nov 2011	466	37	9	321	5.4	7	175	447.32	567	93	1.6
I	Dec 2011	385	27	6	267	4.3	15	151	445.69	537	108	1.7
S	Jan 2012	638	11	6	382	6.2	54	187	446.61	554	131	2.1
T	Feb 2012	726	10	8	497	8.6	49	169	447.10	563	159	2.8
O	Mar 2012	931	8	9	711	11.6	21	187	447.23	565	187	3.0
R	Apr 2012	1091	23	11	785	13.2	97	180	449.13	602	183	3.1
I	May 2012	980	25	13	709	11.5	100	179	448.81	596	99	1.6
C	Jun 2012	952	9	15	719	12.1	97	130	448.23	584	103	1.7
A	Jul 2012	805	46	17	675	11.0	101	34	448.91	598	124	2.0
L	Aug 2012	744	27	17	568	9.2	100	85	448.38	587	97	1.6
*	Sep 2012	723	33	15	548	9.2	74	137	446.98	561	92	1.5
	WY 2012	**9051**	**287**	**140**	**6652**		**723**	**1763**			**1437**	
	Oct 2012	519	23	12	473	7.7	14	20	447.80	576	55	0.9
	Nov 2012	536	32	9	365	6.1	13	180	447.50	571	86	1.4
	Dec 2012	370	26	7	259	4.2	14	131	446.50	552	89	1.5
	Jan 2013	553	15	6	343	5.6	36	178	446.50	552	130	2.1
	Feb 2013	603	7	8	457	8.2	12	127	446.50	552	158	2.9
	Mar 2013	901	18	9	685	11.1	36	177	446.70	555	187	3.0
	Apr 2013	1073	19	11	788	13.2	76	171	448.70	593	205	3.5
	May 2013	962	18	13	701	11.4	79	175	448.70	593	112	1.8
	Jun 2013	930	15	16	702	11.8	77	137	448.70	593	118	2.0
	Jul 2013	848	21	17	739	12.0	79	34	448.00	580	118	1.9
	Aug 2013	790	22	17	644	10.5	82	67	447.50	571	105	1.7
	Sep 2013	731	20	15	564	9.5	76	100	446.81	557	102	1.7
	WY 2013	**8816**	**237**	**139**	**6720**		**595**	**1495**			**1467**	
	Oct 2013	609	23	12	447	7.3	51	124	446.31	548	64	1.0
	Nov 2013	554	32	8	371	6.2	49	148	446.50	552	99	1.7
	Dec 2013	395	26	6	270	4.4	51	90	446.50	552	102	1.7
	Jan 2014	567	15	6	350	5.7	81	140	446.50	552	122	2.0
	Feb 2014	663	7	8	451	8.1	71	135	446.50	552	153	2.8
	Mar 2014	972	18	9	711	11.6	81	177	446.70	555	208	3.4
	Apr 2014	1080	19	11	792	13.3	78	171	448.70	593	200	3.4
	May 2014	955	18	13	690	11.2	81	177	448.70	593	111	1.8
	Jun 2014	927	15	16	681	11.4	78	154	448.70	593	112	1.9
	Jul 2014	915	21	17	740	12.0	81	98	448.00	580	118	1.9
	Aug 2014	809	22	17	632	10.3	81	97	447.50	571	92	1.5
	Sep 2014	733	20	15	543	9.1	52	146	446.81	557	89	1.5
	WY 2014	**9179**	**237**	**139**	**6679**		**835**	**1658**			**1470**	

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RECLAMATION
Managing Water in the West

October 2012 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Oct 2011	443	7.2	1121.00	13456	479	478.70	1311.0	178.9	74	403.5
H	Nov 2011	564	9.5	1125.82	13933	477	481.61	1110.0	233.8	61	414.3
I	Dec 2011	497	8.1	1132.83	14644	711	488.04	1374.0	207.2	75	417.3
S	Jan 2012	713	11.6	1134.18	15022	139	485.97	1146.0	308.0	61	432.1
T	Feb 2012	775	13.5	1133.06	14907	-115	484.32	1282.0	338.6	68	436.7
O	Mar 2012	986	16.0	1129.41	14535	-372	481.45	1047.0	427.4	56	433.4
R	Apr 2012	1170	19.7	1123.93	13986	-548	475.07	1164.0	505.3	62	432.0
I	May 2012	1008	16.4	1119.38	13541	-445	471.90	1050.0	429.0	56	425.4
C	Jun 2012	989	16.6	1115.84	13200	-341	470.21	1829.0	414.2	100	418.8
A	Jul 2012	841	13.7	1115.92	13207	8	471.23	1374.0	349.7	76	415.6
L	Aug 2012	798	13.0	1116.56	13269	61	471.53	1809.0	331.4	100	415.2
*	Sep 2012	635	10.7	1115.16	13135	-134	473.98	1809.0	261.9	100	412.2
	WY 2012	**9421**							**3985.6**		
	Oct 2012	299	4.9	1116.86	13297	163	470.61	1051.0	116.6	58	389.9
	Nov 2012	702	11.8	1115.64	13180	-117	473.48	1046.0	300.4	58	428.1
	Dec 2012	470	7.6	1119.33	13536	356	469.17	1528.0	193.0	84	410.8
	Jan 2013	659	10.7	1120.95	13694	157	473.40	958.0	279.9	52	424.6
	Feb 2013	619	11.1	1121.94	13790	97	472.99	1075.0	262.4	59	423.9
	Mar 2013	962	15.7	1118.63	13468	-322	468.53	1536.0	407.7	85	423.7
	Apr 2013	1102	18.5	1113.88	13013	-455	466.04	1203.0	477.0	68	432.9
	May 2013	999	16.2	1109.80	12628	-385	461.42	1226.0	418.8	70	419.2
	Jun 2013	939	15.8	1107.90	12452	-177	455.47	1746.0	385.2	100	410.3
	Jul 2013	864	14.0	1106.86	12357	-95	454.50	1737.0	356.1	100	412.2
	Aug 2013	820	13.3	1107.17	12385	29	454.30	1737.0	335.9	100	409.6
	Sep 2013	656	11.0	1106.51	12324	-61	455.27	1733.0	262.5	100	400.1
	WY 2013	**9090**							**3795.2**		
	Oct 2013	493	8.0	1107.44	12410	86	459.88	1367.0	201.1	78	407.8
	Nov 2013	631	10.6	1106.86	12357	-53	461.60	1385.0	256.0	79	405.8
	Dec 2013	520	8.5	1110.18	12664	308	461.12	1398.0	214.1	79	411.4
	Jan 2014	673	10.9	1111.70	12807	143	461.79	1326.0	275.2	75	409.0
	Feb 2014	679	12.2	1111.40	12778	-28	459.34	1656.0	278.5	93	410.1
	Mar 2014	1033	16.8	1107.22	12389	-389	457.61	1508.8	426.0	85	412.2
	Apr 2014	1108	18.6	1102.11	11925	-465	454.50	1199.6	469.2	68	423.3
	May 2014	992	16.1	1097.84	11543	-381	449.61	1238.6	405.5	70	408.8
	Jun 2014	936	15.7	1094.27	11229	-314	442.77	1774.0	373.8	100	399.6
	Jul 2014	931	15.1	1092.93	11111	-118	440.82	1774.0	368.7	100	396.0
	Aug 2014	839	13.6	1093.56	11167	56	440.63	1774.0	335.0	100	399.4
	Sep 2014	658	11.1	1093.17	11132	-35	441.89	1774.0	256.7	100	390.0
	WY 2014	**9494**							**3860.0**		

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

October 2012 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Oct 2011	611	9.9	633.03	1435	-175	133.41	181.1	74.4	71	121.8
H	Nov 2011	466	7.8	635.99	1511	76	134.28	170.9	57.0	67	122.2
I	Dec 2011	385	6.3	638.82	1586	74	135.59	173.4	48.1	68	124.9
S	Jan 2012	638	10.4	640.38	1628	42	138.75	170.9	77.2	67	121.0
T	Feb 2012	726	12.6	641.20	1650	22	140.80	163.2	90.8	64	125.1
O	Mar 2012	931	15.1	641.93	1670	20	140.23	204.0	117.4	80	126.2
R	Apr 2012	1091	18.3	643.35	1708	39	142.08	249.9	147.4	98	135.2
I	May 2012	980	15.9	643.06	1700	-8	141.39	252.5	128.9	99	131.5
C	Jun 2012	952	16.0	642.80	1693	-7	140.12	255.0	122.6	100	128.8
A	Jul 2012	805	13.1	642.89	1696	2	143.36	255.0	100.7	100	125.1
L	Aug 2012	744	12.1	643.63	1716	20	142.43	252.5	92.5	99	124.3
*	Sep 2012	723	12.1	639.55	1605	-111	137.86	255.0	96.5	100	133.5
	WY 2012	**9051**							**1153.5**		
	Oct 2012	519	8.4	630.49	1371	-234	128.98	209.1	62.5	82	120.4
	Nov 2012	536	9.0	636.00	1512	141	128.74	160.7	63.5	63	118.6
	Dec 2012	370	6.0	638.71	1583	71	131.91	193.8	45.7	76	123.5
	Jan 2013	553	9.0	641.80	1666	83	135.97	163.2	69.1	64	124.9
	Feb 2013	603	10.9	641.80	1666	0	137.68	158.1	75.8	62	125.6
	Mar 2013	901	14.6	643.05	1700	34	136.42	219.3	112.5	86	124.9
	Apr 2013	1073	18.0	643.00	1699	-2	136.07	255.0	133.5	100	124.4
	May 2013	962	15.7	643.00	1699	0	136.04	255.0	120.4	100	125.1
	Jun 2013	930	15.6	642.00	1671	-27	135.51	255.0	115.9	100	124.6
	Jul 2013	848	13.8	641.50	1658	-14	134.73	255.0	105.6	100	124.5
	Aug 2013	790	12.9	641.50	1658	0	134.46	255.0	98.5	100	124.6
	Sep 2013	731	12.3	638.00	1564	-94	132.62	255.0	90.1	100	123.2
	WY 2013	**8816**							**1093.0**		
	Oct 2013	609	9.9	633.00	1434	-130	129.33	214.2	73.2	84	120.3
	Nov 2013	554	9.3	635.00	1486	51	127.83	211.7	66.0	83	119.1
	Dec 2013	395	6.4	638.71	1583	97	130.91	209.1	48.5	82	122.9
	Jan 2014	567	9.2	641.80	1666	83	134.46	209.1	70.8	82	124.8
	Feb 2014	663	11.9	641.80	1666	0	136.08	209.1	83.0	82	125.2
	Mar 2014	972	15.8	643.05	1700	34	135.44	255.0	121.0	100	124.5
	Apr 2014	1080	18.1	643.00	1699	-2	136.07	255.0	134.3	100	124.4
	May 2014	955	15.5	643.00	1699	0	136.04	255.0	119.5	100	125.1
	Jun 2014	927	15.6	642.00	1671	-27	135.51	255.0	115.6	100	124.6
	Jul 2014	915	14.9	641.50	1658	-14	134.73	255.0	113.6	100	124.2
	Aug 2014	809	13.2	641.50	1658	0	134.46	255.0	100.7	100	124.5
	Sep 2014	733	12.3	638.00	1564	-94	132.62	255.0	90.4	100	123.2
	WY 2014	**9179**							**1136.6**		

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

October 2012 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Oct 2011	472	7.7	447.97	579	-6	81.92	92.4	31.5	77	66.8
H	Nov 2011	321	5.4	447.32	567	-12	80.93	102.0	22.1	85	69.1
I	Dec 2011	267	4.3	445.69	537	-30	81.08	67.2	17.7	56	66.2
S	Jan 2012	382	6.2	446.61	554	17	80.68	67.2	25.6	56	67.1
T	Feb 2012	497	8.6	447.10	563	9	80.85	94.8	35.1	79	70.7
O	Mar 2012	711	11.6	447.23	565	2	81.75	97.2	48.8	81	68.6
R	Apr 2012	785	13.2	449.13	602	36	83.37	120.0	54.1	100	69.0
I	May 2012	709	11.5	448.81	596	-6	81.37	111.6	49.6	93	69.9
C	Jun 2012	719	12.1	448.23	584	-11	79.00	120.0	49.7	100	69.1
A	Jul 2012	675	11.0	448.91	598	13	82.94	120.0	46.8	100	69.4
L	Aug 2012	568	9.2	448.38	587	-10	80.54	120.0	39.3	100	69.2
*	Sep 2012	548	9.2	446.98	561	-26	81.05	120.0	37.8	100	69.0
	WY 2012	**6652**							**458.2**		
	Oct 2012	473	7.7	447.80	576	15	75.58	102.0	30.9	85	65.3
	Nov 2012	365	6.1	447.50	571	-6	75.83	102.0	23.6	85	64.7
	Dec 2012	259	4.2	446.50	552	-19	75.20	102.0	16.2	85	62.7
	Jan 2013	343	5.6	446.50	552	0	74.71	102.0	21.9	85	63.7
	Feb 2013	457	8.2	446.50	552	0	73.92	120.0	29.3	100	64.2
	Mar 2013	685	11.1	446.70	555	4	74.01	120.0	44.5	100	64.9
	Apr 2013	788	13.2	448.70	593	38	75.08	120.0	52.0	100	66.0
	May 2013	701	11.4	448.70	593	0	76.05	120.0	46.6	100	66.5
	Jun 2013	702	11.8	448.70	593	0	76.05	120.0	46.7	100	66.5
	Jul 2013	739	12.0	448.00	580	-13	75.71	120.0	49.0	100	66.3
	Aug 2013	644	10.5	447.50	571	-10	75.13	120.0	42.2	100	65.6
	Sep 2013	564	9.5	446.81	557	-13	74.55	120.0	36.6	100	65.0
	WY 2013	**6720**							**439.6**		
	Oct 2013	447	7.3	446.31	548	-9	74.77	102.0	28.9	85	64.6
	Nov 2013	371	6.2	446.50	552	3	74.62	102.0	23.8	85	64.0
	Dec 2013	270	4.4	446.50	552	0	74.71	102.0	16.9	85	62.6
	Jan 2014	350	5.7	446.50	552	0	74.71	102.0	22.3	85	63.8
	Feb 2014	451	8.1	446.50	552	0	73.92	120.0	28.9	100	64.2
	Mar 2014	711	11.6	446.70	555	4	74.01	120.0	46.2	100	64.9
	Apr 2014	792	13.3	448.70	593	38	75.08	120.0	52.3	100	66.0
	May 2014	690	11.2	448.70	593	0	76.05	120.0	45.8	100	66.4
	Jun 2014	681	11.4	448.70	593	0	76.05	120.0	45.3	100	66.5
	Jul 2014	740	12.0	448.00	580	-13	75.71	120.0	49.1	100	66.3
	Aug 2014	632	10.3	447.50	571	-10	75.13	120.0	41.5	100	65.6
	Sep 2014	543	9.1	446.81	557	-13	74.55	120.0	35.2	100	64.9
	WY 2014	**6679**							**436.2**		

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

October 2012 24-Month Study

Most Probable Inflow*

Upper Basin Power

	Date	Glen Canyon 1000 MWHR	Flaming Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Reservoir 1000 MWHR	Fontenelle Reservoir 1000 MWHR
*	Oct 2011	446	48	28	33	18	5
H	Nov 2011	508	34	11	13	7	2
I	Dec 2011	563	43	25	30	17	6
S	Jan 2012	388	58	15	18	10	5
T	Feb 2012	295	54	9	12	2	4
O	Mar 2012	275	62	9	12	6	4
	Winter 2012	**2475**	**300**	**97**	**117**	**61**	**26**
R	Apr 2012	276	47	16	22	14	4
I	May 2012	276	61	19	28	17	4
C	Jun 2012	324	34	26	33	19	7
A	Jul 2012	398	33	24	31	18	6
L	Aug 2012	360	31	21	28	16	6
*	Sep 2012	214	27	17	25	12	4
	Summer 2012	**1849**	**232**	**123**	**168**	**94**	**31**
	Oct 2012	203	19	10	13	6	5
	Nov 2012	245	18	4	5	3	4
	Dec 2012	324	27	4	6	3	4
	Jan 2013	321	27	4	6	3	4
	Feb 2013	269	24	3	5	3	3
	Mar 2013	237	18	5	7	4	3
	Winter 2013	**1601**	**132**	**30**	**43**	**23**	**24**
	Apr 2013	237	17	8	13	8	3
	May 2013	238	32	21	34	21	5
	Jun 2013	322	60	9	17	13	9
	Jul 2013	329	25	26	34	18	10
	Aug 2013	343	25	28	36	18	7
	Sep 2013	241	25	22	28	15	7
	Summer 2013	**1710**	**185**	**115**	**163**	**93**	**41**
	Oct 2013	240	25	12	16	9	6
	Nov 2013	239	25	4	6	4	6
	Dec 2013	317	25	4	6	4	6
	Jan 2014	314	25	9	12	6	6
	Feb 2014	234	23	8	11	6	5
	Mar 2014	233	25	9	13	7	5
	Winter 2014	**1578**	**149**	**47**	**64**	**36**	**33**
	Apr 2014	234	25	14	22	13	5
	May 2014	238	41	35	52	23	7
	Jun 2014	265	84	22	32	21	9
	Jul 2014	352	37	36	44	23	10
	Aug 2014	371	37	38	45	23	7
	Sep 2014	259	36	35	42	21	6
	Summer 2014	**1459**	**224**	**145**	**195**	**103**	**37**

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

October 2012 24-Month Study

Most Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions

Date	Flaming George KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Total KAF	Flaming George KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****CREDITABLE SPACE****										
Oct 2012	800	489	661	10393	12343	14242	26586	800	489	661	1951	10393	14242	26586	3040	299	0	33.7
Nov 2012	836	506	699	10629	12671	14080	26750	836	506	699	2042	10629	14080	26750	3810	702	0	33.4
Dec 2012	863	499	713	10914	12990	14197	27186	863	499	713	2076	10914	14197	27186	4580	470	0	33.3
Jan 2013	918	495	725	11393	13531	13841	27372	918	495	725	2138	11393	13841	27372	5350	659	0	33.0
								****EFFECTIVE SPACE****										
Jan 2013	918	495	725	11393	13531	13841	27372	316	282	299	897	11393	13841	26131	5350	659	0	33.0
Feb 2013	966	494	736	11857	14054	13683	27738	363	282	310	956	11857	13683	26497	1500	619	0	32.7
Mar 2013	1,001	491	743	12226	14460	13587	28047	395	281	316	993	12226	13587	26805	1500	962	0	32.2
Apr 2013	976	483	716	12463	14638	13909	28547	366	275	287	927	12463	13909	27299	1500	1102	0	31.8
May 2013	927	456	673	12546	14603	14364	28967	310	247	224	782	12546	14364	27692	1500	999	0	32.2
Jun 2013	855	385	579	12004	13822	14749	28571	228	161	95	484	12004	14749	27236	1500	939	0	33.2
Jul 2013	743	239	567	11101	12650	14925	27575	105	-6	31	130	11101	14925	26156	1500	864	0	33.1
								****CREDITABLE SPACE****										
Aug 2013	656	244	593	11149	12642	15020	27662	656	244	593	1492	11149	15020	27662	1500	820	0	32.6
Sep 2013	668	283	631	11522	13105	14992	28097	668	283	631	1582	11522	14992	28097	2270	656	0	32.2
Oct 2013	699	317	646	11740	13402	15053	28455	699	317	646	1662	11740	15053	28455	3040	493	0	31.9
Nov 2013	722	321	647	11893	13584	14967	28551	722	321	647	1691	11893	14967	28551	3810	631	0	31.7
Dec 2013	745	306	646	12076	13773	15020	28793	745	306	646	1697	12076	15020	28793	4580	520	0	31.7
Jan 2014	782	296	647	12486	14211	14713	28924	782	296	647	1725	12486	14713	28924	5350	673	0	31.5
								****EFFECTIVE SPACE****										
Jan 2014	782	296	647	12486	14211	14713	28924	453	296	506	1255	12486	14713	28453	5350	673	0	31.5
Feb 2014	815	301	651	12867	14634	14570	29204	483	301	509	1293	12867	14570	28731	1500	679	0	31.3
Mar 2014	836	305	645	13055	14841	14599	29440	501	305	502	1309	13055	14599	28962	1500	1033	0	31.0
Apr 2014	809	302	587	13102	14800	14988	29788	469	302	441	1211	13102	14988	29301	1500	1108	0	30.9
May 2014	750	279	491	12897	14418	15452	29870	403	279	326	1007	12897	15452	29357	1500	992	0	32.1
Jun 2014	628	193	348	11692	12861	15834	28695	269	193	146	608	11692	15834	28134	1500	936	0	33.6
Jul 2014	482	27	305	10238	11052	16148	27200	109	2	51	161	10238	16148	26548	1500	931	0	33.6
								****CREDITABLE SPACE****										
Aug 2014	391	27	312	10158	10888	16266	27154	391	27	312	730	10158	16266	27154	1500	839	0	33.2
Sep 2014	418	77	328	10489	11311	16210	27521	418	77	328	823	10489	16210	27521	2270	658	0	32.8

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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Processed On: 10/10/2012 2:34:27PM

November 24-Month Study
Date: November 9, 2012

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

Reservoir	October Inflow (unregulated) (acre-feet)	Percent of Average (%)	November 7 Midnight Elevation (feet)	Reservoir Storage (acre-feet)
Fontenelle	29,000	60	6490.96	234,000
Flaming Gorge	24,000	41	6021.15	3,020,000
Blue Mesa	20,000	53	7452.25	325,000
Navajo	3,400	7	6027.18	981,000
Powell	189,000	37	3619.04	13,662,000

Expected Operations

The operation of Lake Powell and Lake Mead in this November 2012 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines), and reflects the 2012 Annual Operating Plan (AOP) and draft 2013 AOP. Pursuant to the Interim Guidelines, the August 2012 24-Month Study projections of the January 1, 2013, system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2013.

Consistent with Section 6.B of the Interim Guidelines, the Lake Powell operational tier for water year 2013 is the Upper Elevation Balancing Tier. The November 2012 24-Month Study projects the water year release volume from Lake Powell for 2013 to be 8.23 million acre-feet (maf).

Consistent with Section 6.B.3 of the Interim Guidelines, if the April 24-Month study projects the September 30 Lake Powell elevation to be greater than the 2013 Equalization elevation of 3,646.0 feet with an annual release from Lake Powell of 8.23 maf, the Equalization Tier will govern operations of Lake Powell for the remainder of the water year. If such an adjustment occurs, the water year release volume from Lake Powell may be greater than 8.23 maf. Based on analysis of a range of inflow scenarios, the current probability of realizing an inflow volume that would trigger Equalization in 2013 is approximately 20 percent.

Consistent with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar years 2012 and 2013.

The Interim Guidelines are available for download at
http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The 2012 AOP is available for download at
http://www.usbr.gov/lc/region/g4000/aop/AOP12.pdf.
The draft 2013 AOP is available for download at
http://www.usbr.gov/uc/water/rsvrs/ops/aop/AOP13_draft.pdf.

Fontenelle Reservoir – Inflows to Fontenelle Reservoir for the month of October were 29,000 acre-feet (AF), or 60 percent of average. The reservoir elevation is 6491.48 feet above sea level, 69 percent of capacity and will be decreasing over the winter. Inflows are averaging 600 cubic feet per second (cfs). Reservoir releases remained steady at 850 cfs and will likely remain near this level through the fall and winter months.

Inflows for the next three months are projected to be below average: with November, December and January forecasted inflow volumes at 29,000 AF (69% of average), 25,000 AF (78% of average), and 23,000 AF (76% of average), respectively. The Colorado Basin River Forecast Center has also issued the water year 2013 outlook. Based on the October climatology and initial conditions, the forecasted inflows for water year 2013 are 860,000 AF (79% of average).

The next Fontenelle Working Group meeting is scheduled for April 25, 2013, at 10:00 am at the Seedskadee National Wildlife Refuge. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir. The autumn Fontenelle Working Group meeting was held on August 23, 2012 at Joint Powers and Water Board in Green River, Wyoming. Minutes from the meeting are posted on the Working Group webpages.

Flaming Gorge Reservoir – Unregulated inflow into Flaming Gorge Reservoir during the month of October was 24,000 acre-feet, or 41 percent of average. The reservoir elevation is 6021.15 feet and dropping. Observed inflows are approximately 800 cubic feet per second (cfs).

Forecasts continue to decrease and Flaming Gorge Dam is in the dry hydrologic classification as outlined in the Record of Decision. Beginning December 1, 2012, Flaming Gorge Dam releases will increase from minimum 800 cfs steady releases to a double peak pattern daily average release of 1,200 cfs.

The Colorado Basin River Forecast Center and Natural Resources Conservation Service have issued the joint water supply forecast for the next three months. The unregulated

inflow volumes and percent of average for November, December and January are forecasted to be 29 kaf (57%), 20 kaf (57%), and 25 kaf (62%), respectively.

The next Flaming Gorge Working Group meeting is scheduled for April 24, 2013, at 11:00 a.m. at the new Utah Department of Natural Resources building in Vernal, Utah, located at 318 North Vernal Avenue. The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stake holders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations and plans presented by Reclamation at these meetings. For more information on this group and these meetings please contact Ed Vidmar at 801-379-1182.

Aspinall Unit Reservoirs – October unregulated inflow into Blue Mesa Reservoir was 20,000 acre-feet or 53 percent of average. Precipitation during October was observed to be about 40 percent of average. The current inflow rate into Blue Mesa Reservoir is about 350 cfs while reservoir releases are averaging about 300 cfs. Blue Mesa's present elevation is 7452.49 feet, which corresponds to a storage content of about 327,000 acre-feet. The unregulated reservoir inflow into Blue Mesa Reservoir during water year 2012 was 426,500 acre-feet, or about 45 percent of average.

Releases from Crystal are currently set at 350 cfs. The Gunnison Diversion Tunnel was shut down for the season on October 16th, with exception of some small 10 to 20 cfs diversions taken bi-weekly for municipal water needs in Montrose, Colorado. River flows below the tunnel are essentially the same as releases from the Dam, with the exception of when the tunnel is taking water to refill Fairfield Reservoir for Montrose municipal water needs.

On November 1, 2012, the National Weather Service's River Forecasting Center issued its forecasted inflow into Blue Mesa for the next 3 months. The unregulated inflow forecast for November, December, and January is for 52,000 acre-feet, which is 64% of average for these months.

The next meeting of the "Aspinall Unit Working Group" will be held on Thursday January 24th in the Montrose, Colorado, starting at 1:00 PM. At this meeting, review of last summer and fall reservoir operations, and plans for this winter and next spring 2013 operations will be discussed. These meetings are open forum discussions on the Aspinall Unit reservoir operations with many interested groups participating. Anyone needing further information about these meetings should contact Dan Crabtree in the Grand Junction Area Office at (970) 248-0652.

Navajo Reservoir – As a result of increased river flows and decreased irrigation demand in the San Juan River Basin, Reclamation decreased the release from Navajo Reservoir from 500 to 350 cubic feet per second (cfs) on Tuesday, November 6, 2012. Releases are made for the authorized purposes of the Navajo Unit, and to attempt to maintain a target

base flow through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell).

The San Juan River Basin Recovery Implementation Program recommends a target base flow of between 500 cfs and 1,000 cfs through the critical habitat area. The target base flow is calculated as the weekly average of gaged flows throughout the critical habitat area.

Precipitation for the month of October in the San Juan River basin was about 20 percent of average. Unregulated inflow into Navajo Reservoir during the month of September was 3400 acre-feet, or 7 percent of average. Currently, the daily reservoir inflow is averaging about 60 cfs. Diversions for NIIP have shut down for the season. The reservoir water surface elevation is at 6027.31 feet, which corresponds to a storage content of about 982,000 acre-feet or about 58% of capacity.

The unregulated reservoir inflow into Navajo Reservoir during water year 2012 was recorded at 522,000 acre-feet, or about 49 percent of average. The reservoir had a seasonal peak elevation of 6061.56 feet on May 20, 2012.

A public meeting on Navajo Reservoir operations was held Tuesday, August 21, 2012 at 1:00 PM at the Civic Center in Farmington, New Mexico (200 West Arrington Street). At this meeting, review of this spring's reservoir operations, and plans for this summer and fall operations were discussed. These meetings are open forum discussions on the operation of Navajo Reservoir with many interested groups participating. Anyone interested in the general operation of the reservoir is encouraged to attend. Please contact Ryan Christianson in Reclamation's Durango, Colorado Office at (970) 385-6590 for information about these meetings or the daily operation of Navajo Reservoir.

Glen Canyon Dam / Lake Powell – The unregulated inflow volume to Lake Powell in October was 189 thousand acre-feet (kaf) (37% of average). The release volume from Glen Canyon Dam in October was 498 kaf. The end of October elevation and storage of Lake Powell were 3619.5 feet (80.5 feet from full pool) and 13.71 maf (56.4% of full capacity). The reservoir elevation will continue to decline through the fall and winter months.
The water year unregulated inflow volume for 2012 was 4.91maf (45.3% of average), placing the 2012 as the third lowest on record since the closure of Glen Canyon Dam in 1963. Releases for Water Year 2012 totaled 9.466 maf. Pursuant to the 2007 Interim Guidelines, Lake Powell operated under the Equalization Tier in 2012.

Current Dam Operations
The operating tier for 2013 is the Upper Elevation Balancing Tier, as establish in August 2012 and pursuant to the Interim Guidelines. However, if hydrologic conditions and projections become wetter, it is possible that beginning in April, the Equalization tier will govern the operations of Lake Powell for the remainder of the water year. Based on analysis of a range of inflow scenarios, the current probability of realizing an inflow

volume that would trigger Equalization in 2013 is approximately 20 percent. As hydrologic conditions for Lake Powell and Lake Mead change throughout the year, Reclamation will adjust operations of Glen Canyon Dam to release the appropriate annual volume during 2013 to achieve the governing operating tier objectives as practicably as possible by September 30, 2013.

Releases from Glen Canyon Dam in November are currently averaging approximately 8,020 cfs with daily fluctuations between 7,000cfs and 9,000cfs and consistent with the Glen Canyon Operating Criteria (Federal Register, Volume 62, No. 41, March 3, 1997). The scheduled release volume for November 2012, including the High Flow Experiment described below, is approximately 724 kaf.

From November 18-23, 2012, the Department of Interior will conduct the first High Flow Experiment under a multi-year High Flow Protocol announced earlier this year by Secretary Salazar. Under this Protocol, high flow releases are linked to sediment input and other resource conditions below Glen Canyon Dam. Beginning on the evening of November 18th, releases from Glen Canyon Dam will begin ramping up to full power plant capacity (approximately 27,300 cfs). At midday on November 19th, bypass tubes at Glen Canyon Dam will be opened and releases will continue to increase up to full power plant and bypass capacity (approximately 42,300 cfs) by the evening of November 19th. Releases will be maintained at peak release for 24 hours and then begin ramping back down. Releases will return to normal operations in the evening of November 23rd. The entire experiment, including ramping is expected to last 5 days, with 24 hours at peak release. November releases from Glen Canyon Dam prior to and after the High Flow Experiment are expected to fluctuate between 7,000cfs and 9,000cfs. The elevation of Lake Powell is expected to decrease approximately 2 ½ feet during the 5-day experiment.

In December, the release volume will likely be about 800 kaf, with fluctuations throughout the day from about 8,250 cfs in the early morning to about 16,250 cfs in the early evening. In January, the release volume will likely be about 800 kaf with daily fluctuations for hydropower.

In addition to daily scheduled fluctuations for power generation, the instantaneous releases from Glen Canyon Dam may also fluctuate to provide 40 MW of system regulation. These instantaneous release adjustments stabilize the electrical generation and transmission system and translate to a range of about 1,100 cfs above or below the hourly scheduled release rate. Typically, fluctuations for system regulation are very short lived and balance out over the hour and do not have noticeable impacts on downstream river flow conditions.

Releases from Glen Canyon Dam can also fluctuate beyond scheduled fluctuations for power generation when called upon as a partner that shares reserve requirements within the electrical generator community (i.e. balancing area). To provide system reliability, all participating electricity generators within the balancing area maintain a specified level of generation capacity (i.e. reserves) that can be called upon when an unscheduled outage occurs. Glen Canyon Dam typically maintains 43 MW of reserves (approximately 1,100

cfs) for this purpose. Reserve calls can be maintained for a maximum of 2 hours after which time the generation rate should be returned to the original schedule. If reserves from Glen Canyon Dam are called upon, releases from the dam can exceed scheduled levels and can have a noticeable impact on the river downstream from Glen Canyon Dam. Calls for reserves are fairly infrequent and typically are for much less than 43 MW.

Current Inflow Forecasts and Model Projections

The hydrologic outlook forecast for water year 2013 projects that the most probable (median) unregulated inflow volume will be 7.59 maf (70% of average based on the period 1981-2010). Based on this hydrologic outlook, the November 24-Month study projects the annual release volume for water year 2013 will be 8.23 maf and the end of water year reservoir elevation and storage for Lake Powell will be 3608.4 and 12.57 maf (51.7% capacity), respectively.

If hydrologic conditions and projections become wetter, it is possible that beginning in April, the Equalization tier will govern the operations of Lake Powell for the remainder of the water year and the release volume for 2013 could be greater than 8.23 maf. Based on analysis of a range of inflow scenarios, the current probability of realizing an inflow volume that would trigger Equalization in 2013 is approximately 20 percent.

Upper Colorado River Basin Hydrology - Since water year 2005, the Upper Colorado River Basin has experienced significant year to year hydrologic variability. The unregulated inflow to Lake Powell, which is a good measure of hydrologic conditions in the Colorado River Basin, has averaged a water year volume of 10.22 maf (94% of average (period 1981-2010)) during the period from 2005 through 2012. The hydrologic variability during this period has been from a low water year unregulated inflow volume of 4.91 maf (45% of average) in water year 2012 to a high water year unregulated inflow volume of 15.97 maf (147% of average) in water year 2011. Based on observed inflows and current forecasts, water year 2013 unregulated inflow is expected to be 7.59 maf (70% of average).

Overall reservoir storage in the Colorado River Basin has increased by over 4 maf since the beginning of water year 2005 and this is an improvement over the persistent drought conditions during water years 2000 through 2004. From the beginning of water year 2005 to the beginning of water year 2013, the total reservoir storage in the Colorado River Basin increased from 29.8 maf (50% of capacity) to 33.9 maf (57 % of capacity). However, this period experienced increases and decreases in total Colorado Basin storage in response to wet and dry hydrology.

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-430
125 SOUTH STATE STREET, ROOM 6107
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-3709

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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:	Obs			oct	Forecast		
:	jul	aug	sep	oct	%Avg	nov	dec	jan
GLDA3:Lake Powell	154	101	104	189	37%:	300/	250/	250/
GBRW4:Fontenelle	92	36	23	29	60%:	29/	25/	23/
GRNU1:Flaming Gorge	93	29	19.4	24	41%:	29/	20/	25/
BMDC2:Blue Mesa	30	28	19.2	20	53%:	19/	17/	16/
MPSC2:Morrow Point	31	28	19.5	22	54%:	20/	18/	17/
CLSC2:Crystal	35	32	22	24	51%:	23/	21/	20/
TPIC2:Taylor Park	5.9	4.5	4.3	4.2	63%:	3.4/	3/	2.6/
VCRC2:Vallecito	11.2	7.1	3.9	3.4	22%:	3.2/	3/	2.6/
NVRN5:Navajo	10.4	0.36	-2.27	3.4	7%:	6/	8/	8/
LEMC2:Lemon	2.6	2.4	0.78	0.54	17%:	0.5/	0.4/	0.4/
MPHC2:McPhee	9.1	7.0	4.0	1.63	18%:	1.8/	2/	2/
RBSC2:Ridgway	8.8	7.6	6.1	4.5	58%:	3.5/	3/	2.7/

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

November 2012 24-Month Study

Most Probable Inflow*

Fontenelle Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Nov 2011	46	1	22	49	71	6492.84	247
H	Dec 2011	35	1	74	0	74	6486.86	207
I	Jan 2012	32	1	74	0	74	6479.61	165
S	Feb 2012	30	0	69	0	69	6471.56	126
T	Mar 2012	64	0	67	0	67	6470.82	123
O	Apr 2012	98	1	60	0	60	6478.72	160
R	May 2012	130	1	61	0	62	6489.92	227
I	Jun 2012	189	2	83	16	99	6502.11	315
C	Jul 2012	92	3	72	3	75	6503.94	329
A	Aug 2012	36	2	68	0	68	6499.56	296
L	Sep 2012	23	2	46	8	54	6495.11	263
	WY 2012	**825**	**15**	**750**	**94**	**845**		
*	Oct 2012	29	1	25	28	53	6491.56	238
	Nov 2012	29	1	51	0	51	6488.15	216
	Dec 2012	25	1	52	0	52	6483.75	188
	Jan 2013	23	1	52	0	52	6478.42	158
	Feb 2013	22	0	47	0	47	6473.10	133
	Mar 2013	42	0	52	0	52	6470.69	122
	Apr 2013	66	1	51	0	51	6473.99	137
	May 2013	125	1	68	0	68	6484.51	193
	Jun 2013	245	2	103	34	137	6499.98	299
	Jul 2013	150	3	101	1	101	6505.86	345
	Aug 2013	65	2	74	0	74	6504.47	333
	Sep 2013	42	2	69	0	69	6500.74	305
	WY 2013	**863**	**15**	**744**	**63**	**807**		
	Oct 2013	46	1	71	0	71	6497.16	278
	Nov 2013	41	1	69	0	69	6493.11	249
	Dec 2013	32	1	71	0	71	6487.08	209
	Jan 2014	30	1	71	0	71	6480.13	167
	Feb 2014	28	0	64	0	64	6472.54	130
	Mar 2014	53	0	71	0	71	6468.06	111
	Apr 2014	85	1	77	0	77	6469.87	119
	May 2014	164	1	99	6	105	6481.74	177
	Jun 2014	299	2	103	71	174	6500.08	299
	Jul 2014	178	3	101	30	131	6505.75	344
	Aug 2014	77	2	74	0	74	6505.80	344
	Sep 2014	46	2	65	0	65	6503.08	323
	WY 2014	**1078**	**15**	**937**	**107**	**1045**		
	Oct 2014	49	1	68	0	68	6500.45	302

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

November 2012 24-Month Study

Most Probable Inflow*

Flaming Gorge Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	Nov 2011	64	89	4	88	0	88	138	6032.21	3435	144
H	Dec 2011	38	77	2	108	0	108	137	6031.41	3404	147
I	Jan 2012	45	87	2	148	0	148	134	6029.85	3343	189
S	Feb 2012	47	86	2	140	0	140	132	6028.43	3289	186
T	Mar 2012	104	107	3	162	0	162	130	6026.95	3233	286
O	Apr 2012	136	98	5	122	0	122	129	6026.21	3205	331
R	May 2012	153	85	8	159	19	178	125	6023.57	3108	385
I	Jun 2012	188	98	10	87	0	87	125	6023.59	3108	158
C	Jul 2012	93	76	12	84	0	84	124	6023.04	3088	100
A	Aug 2012	29	60	12	80	0	80	123	6022.19	3058	91
L	Sep 2012	19	50	10	68	0	68	122	6021.43	3030	78
	WY 2012	**990**	**1010**	**78**	**1366**	**20**	**1386**				**2283**
*	Oct 2012	24	48	7	52	0	52	122	6021.15	3020	69
	Nov 2012	29	51	3	51	0	51	121	6021.05	3017	51
	Dec 2012	20	47	2	74	0	74	120	6020.29	2990	74
	Jan 2013	25	54	2	74	0	74	119	6019.71	2969	74
	Feb 2013	34	59	2	66	0	66	119	6019.46	2961	66
	Mar 2013	80	90	3	50	0	50	121	6020.49	2997	50
	Apr 2013	103	88	5	48	0	48	122	6021.44	3031	48
	May 2013	170	113	7	95	0	95	122	6021.71	3040	95
	Jun 2013	290	182	10	134	0	134	124	6022.73	3077	134
	Jul 2013	175	126	13	72	0	72	125	6023.83	3117	72
	Aug 2013	72	81	12	72	0	72	125	6023.74	3114	72
	Sep 2013	49	76	11	70	0	70	125	6023.63	3110	70
	WY 2013	**1071**	**1015**	**76**	**857**	**0**	**857**				**873**
	Oct 2013	55	80	7	72	0	72	125	6023.66	3111	72
	Nov 2013	49	77	3	70	0	70	125	6023.78	3115	70
	Dec 2013	35	74	2	72	0	72	125	6023.79	3116	72
	Jan 2014	40	81	2	72	0	72	126	6024.00	3123	72
	Feb 2014	45	81	2	65	0	65	126	6024.37	3137	65
	Mar 2014	102	121	3	72	0	72	128	6025.57	3181	72
	Apr 2014	134	125	5	70	0	70	130	6026.88	3230	70
	May 2014	245	186	8	120	0	120	132	6028.37	3286	120
	Jun 2014	390	265	10	224	0	224	133	6029.13	3316	224
	Jul 2014	210	163	14	101	0	101	135	6030.34	3362	101
	Aug 2014	89	86	13	101	0	101	134	6029.63	3335	101
	Sep 2014	55	75	11	98	0	98	133	6028.76	3301	98
	WY 2014	**1448**	**1415**	**79**	**1137**	**0**	**1137**				**1137**
	Oct 2014	59	78	7	101	0	101	132	6027.98	3272	101

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

November 2012 24-Month Study

Most Probable Inflow*

Taylor Park Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Nov 2011	5	6	9309.15	69
H	Dec 2011	4	6	9307.93	67
I	Jan 2012	4	5	9307.37	66
S	Feb 2012	4	4	9307.22	66
T	Mar 2012	6	4	9308.28	67
O	Apr 2012	10	4	9311.81	73
R	May 2012	16	8	9316.40	81
I	Jun 2012	9	15	9312.87	75
C	Jul 2012	6	14	9307.53	66
A	Aug 2012	4	12	9302.28	58
L	Sep 2012	4	6	9300.80	56
	WY 2012	**80**	**94**		
*	Oct 2012	4	4	9301.04	57
	Nov 2012	3	5	9300.24	55
	Dec 2012	3	5	9299.13	54
	Jan 2013	3	5	9297.69	52
	Feb 2013	2	5	9295.81	50
	Mar 2013	2	5	9294.11	48
	Apr 2013	5	5	9294.76	48
	May 2013	22	8	9305.10	62
	Jun 2013	35	15	9317.45	82
	Jul 2013	15	18	9315.96	80
	Aug 2013	8	18	9309.80	70
	Sep 2013	6	16	9303.17	60
	WY 2013	**109**	**106**		
	Oct 2013	6	10	9300.19	55
	Nov 2013	5	5	9300.40	56
	Dec 2013	5	5	9300.53	56
	Jan 2014	4	5	9300.42	56
	Feb 2014	4	5	9299.91	55
	Mar 2014	4	5	9299.86	55
	Apr 2014	9	5	9302.93	59
	May 2014	28	12	9313.45	76
	Jun 2014	42	18	9326.50	99
	Jul 2014	20	20	9326.57	99
	Aug 2014	10	20	9321.48	90
	Sep 2014	7	16	9316.69	81
	WY 2014	**144**	**123**		
	Oct 2014	7	10	9314.75	78

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

November 2012 24-Month Study

Most Probable Inflow*

Blue Mesa Reservoir

	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Nov 2011	29	29	0	37	0	37	7496.82	635
H	Dec 2011	24	26	0	87	0	87	7489.07	574
I	Jan 2012	22	23	0	52	0	52	7485.29	545
S	Feb 2012	21	22	0	34	0	34	7483.66	533
T	Mar 2012	40	39	0	32	0	32	7484.49	539
O	Apr 2012	57	51	1	58	0	58	7483.54	532
R	May 2012	74	66	1	71	0	71	7482.82	527
I	Jun 2012	45	50	1	93	0	93	7476.82	483
C	Jul 2012	30	39	1	90	0	90	7469.29	431
A	Aug 2012	28	36	1	79	0	79	7462.48	387
L	Sep 2012	19	21	1	67	0	67	7454.82	340
	WY 2012	**427**	**442**	**7**	**793**	**0**	**793**		
*	Oct 2012	20	20	0	33	0	33	7452.55	327
	Nov 2012	19	20	0	23	0	23	7452.01	324
	Dec 2012	17	19	0	15	0	15	7452.69	328
	Jan 2013	16	18	0	15	0	15	7453.17	331
	Feb 2013	14	16	0	13	0	13	7453.73	334
	Mar 2013	24	26	0	18	0	18	7455.15	342
	Apr 2013	57	56	1	29	0	29	7459.58	369
	May 2013	161	147	1	77	0	77	7470.30	438
	Jun 2013	200	180	1	33	0	33	7490.29	584
	Jul 2013	83	86	1	89	0	89	7489.68	579
	Aug 2013	48	58	1	97	0	97	7484.53	540
	Sep 2013	34	44	1	77	0	77	7479.95	506
	WY 2013	**693**	**690**	**7**	**517**	**0**	**517**		
	Oct 2013	36	40	0	44	0	44	7479.37	501
	Nov 2013	30	30	0	15	0	15	7481.42	516
	Dec 2013	26	25	0	15	0	15	7482.85	527
	Jan 2014	24	24	0	30	0	30	7482.08	521
	Feb 2014	22	23	0	27	0	27	7481.52	517
	Mar 2014	36	36	0	32	0	32	7482.02	521
	Apr 2014	77	73	1	49	0	49	7485.11	544
	May 2014	221	205	1	118	0	118	7496.11	630
	Jun 2014	261	237	1	66	0	66	7516.06	799
	Jul 2014	117	117	2	112	0	112	7516.40	803
	Aug 2014	63	73	1	122	0	122	7510.76	752
	Sep 2014	38	47	1	113	0	113	7502.87	685
	WY 2014	**951**	**930**	**9**	**742**	**0**	**742**		
	Oct 2014	38	42	1	113	0	113	7494.05	613

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

November 2012 24-Month Study

Most Probable Inflow*

Morrow Point Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Nov 2011	30	37	2	39	38	0	38	7151.73	110
H	Dec 2011	25	87	0	88	85	0	85	7154.97	113
I	Jan 2012	23	52	1	53	52	0	52	7155.61	113
S	Feb 2012	22	34	1	35	35	0	35	7155.27	113
T	Mar 2012	43	32	2	35	34	0	34	7156.25	114
O	Apr 2012	63	58	6	64	63	0	63	7157.05	115
R	May 2012	80	71	6	76	79	0	79	7154.07	112
I	Jun 2012	45	93	1	93	93	0	93	7154.59	113
C	Jul 2012	31	90	0	90	89	0	89	7155.86	114
A	Aug 2012	28	79	0	80	80	0	80	7154.84	113
L	Sep 2012	19	67	0	68	71	0	71	7150.03	109
	WY 2012	**447**	**793**	**21**	**814**	**811**	**0**	**811**		
*	Oct 2012	22	33	1	34	40	0	40	7142.80	104
	Nov 2012	20	23	1	24	16	0	16	7153.73	112
	Dec 2012	18	15	1	16	16	0	16	7153.73	112
	Jan 2013	17	15	1	16	16	0	16	7153.73	112
	Feb 2013	16	13	2	15	15	0	15	7153.73	112
	Mar 2013	26	18	2	20	20	0	20	7153.73	112
	Apr 2013	65	29	8	37	37	0	37	7153.73	112
	May 2013	180	77	19	96	96	0	96	7153.73	112
	Jun 2013	215	33	15	48	48	0	48	7153.73	112
	Jul 2013	88	89	5	94	94	0	94	7153.73	112
	Aug 2013	51	97	3	100	100	0	100	7153.73	112
	Sep 2013	36	77	2	79	79	0	79	7153.73	112
	WY 2013	**754**	**517**	**60**	**578**	**575**	**0**	**575**		
	Oct 2013	38	44	2	46	46	0	46	7153.73	112
	Nov 2013	32	15	2	17	17	0	17	7153.73	112
	Dec 2013	28	15	2	17	17	0	17	7153.73	112
	Jan 2014	27	30	2	32	32	0	32	7153.73	112
	Feb 2014	25	27	3	30	30	0	30	7153.73	112
	Mar 2014	40	32	4	36	36	0	36	7153.73	112
	Apr 2014	88	49	11	60	60	0	60	7153.73	112
	May 2014	247	118	26	144	144	0	144	7153.73	112
	Jun 2014	281	66	20	86	86	0	86	7153.73	112
	Jul 2014	123	112	6	118	118	0	118	7153.73	112
	Aug 2014	67	122	3	125	125	0	125	7153.73	112
	Sep 2014	41	113	3	116	116	0	116	7153.73	112
	WY 2014	**1036**	**742**	**84**	**826**	**826**	**0**	**826**		
	Oct 2014	41	113	3	116	116	0	116	7153.73	112

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

November 2012 24-Month Study

Most Probable Inflow*

Crystal Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
*	Nov 2011	34	38	4	42	41	1	41	6751.53	17	1	41
H	Dec 2011	28	85	3	88	89	0	89	6750.95	16	1	90
I	Jan 2012	27	52	3	56	53	3	56	6751.28	16	1	57
S	Feb 2012	26	35	3	38	15	23	38	6751.90	17	1	40
T	Mar 2012	49	34	6	40	40	0	40	6751.80	17	6	36
O	Apr 2012	71	63	8	71	71	0	71	6752.10	17	50	23
R	May 2012	86	79	6	84	86	0	86	6745.87	15	65	23
I	Jun 2012	49	93	3	96	97	0	97	6744.24	14	63	36
C	Jul 2012	35	89	4	93	93	0	93	6745.39	15	62	35
A	Aug 2012	32	80	3	84	84	0	84	6743.63	14	52	36
L	Sep 2012	22	71	2	74	63	11	74	6743.29	14	45	32
	WY 2012	**498**	**811**	**51**	**862**	**824**	**38**	**862**			**397**	**492**
*	Oct 2012	24	40	3	42	40	0	40	6750.72	16	20	20
	Nov 2012	23	16	3	19	18	0	18	6753.04	17	0	18
	Dec 2012	21	16	3	19	19	0	19	6753.04	17	0	19
	Jan 2013	20	16	3	19	19	0	19	6753.04	17	0	19
	Feb 2013	18	15	2	17	17	0	17	6753.04	17	0	17
	Mar 2013	30	20	4	24	24	0	24	6753.04	17	5	18
	Apr 2013	76	37	11	48	48	0	48	6753.04	17	30	18
	May 2013	205	96	25	121	121	0	121	6753.04	17	55	66
	Jun 2013	245	48	30	78	78	0	78	6753.04	17	60	18
	Jul 2013	99	94	11	105	105	0	105	6753.04	17	65	40
	Aug 2013	57	100	6	106	106	0	106	6753.04	17	65	41
	Sep 2013	42	79	6	85	85	0	85	6753.04	17	55	30
	WY 2013	**860**	**575**	**107**	**681**	**679**	**0**	**679**			**355**	**324**
	Oct 2013	44	46	6	52	52	0	52	6753.04	17	30	22
	Nov 2013	37	17	5	21	21	0	21	6753.04	17	0	21
	Dec 2013	32	17	5	22	22	0	22	6753.04	17	0	22
	Jan 2014	31	32	5	37	37	0	37	6753.04	17	0	37
	Feb 2014	29	30	4	33	33	0	33	6753.04	17	0	33
	Mar 2014	46	36	6	42	42	0	42	6753.04	17	5	37
	Apr 2014	101	60	12	73	73	0	73	6753.04	17	30	43
	May 2014	281	144	34	178	134	44	178	6753.04	17	55	123
	Jun 2014	315	86	34	120	120	0	120	6753.04	17	60	60
	Jul 2014	138	118	14	133	133	0	133	6753.04	17	65	68
	Aug 2014	75	125	8	134	134	0	134	6753.04	17	65	69
	Sep 2014	47	116	6	122	122	0	122	6753.04	17	55	67
	WY 2014	**1175**	**826**	**140**	**966**	**922**	**44**	**966**			**365**	**601**
	Oct 2014	47	116	6	122	122	0	122	6753.04	17	30	92

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Most Probable Inflow*

Vallecito Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Nov 2011	9	2	7643.33	72
H	Dec 2011	5	2	7644.76	75
I	Jan 2012	5	3	7645.42	76
S	Feb 2012	4	4	7645.50	76
T	Mar 2012	12	4	7648.84	84
O	Apr 2012	36	3	7661.80	117
R	May 2012	42	35	7664.36	124
I	Jun 2012	17	36	7656.80	104
C	Jul 2012	11	35	7647.02	80
A	Aug 2012	7	33	7634.93	54
L	Sep 2012	4	22	7624.48	36
	WY 2012	**168**	**188**		
*	Oct 2012	3	3	7624.51	36
	Nov 2012	3	1	7625.55	37
	Dec 2012	3	2	7626.43	39
	Jan 2013	3	2	7627.04	40
	Feb 2013	3	1	7627.73	41
	Mar 2013	5	2	7629.54	44
	Apr 2013	15	1	7636.59	57
	May 2013	52	29	7646.88	80
	Jun 2013	67	42	7656.99	104
	Jul 2013	25	40	7650.73	89
	Aug 2013	18	36	7642.85	70
	Sep 2013	14	27	7636.54	57
	WY 2013	**211**	**186**		
	Oct 2013	14	14	7636.03	56
	Nov 2013	8	1	7639.26	63
	Dec 2013	6	2	7641.48	67
	Jan 2014	5	2	7643.20	71
	Feb 2014	5	1	7644.66	74
	Mar 2014	9	2	7647.30	81
	Apr 2014	23	3	7655.53	101
	May 2014	71	46	7665.00	125
	Jun 2014	70	70	7664.95	125
	Jul 2014	29	42	7660.02	112
	Aug 2014	20	38	7652.75	94
	Sep 2014	17	30	7647.55	81
	WY 2014	**278**	**251**		
	Oct 2014	16	14	7647.98	82

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Most Probable Inflow*

Navajo Reservoir

	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azetea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Farmington Flow (1000 Ac-Ft)
*	Nov 2011	31	1	23	1	0	21	6058.38	1327	47
H	Dec 2011	19	0	16	1	1	31	6057.10	1311	54
I	Jan 2012	18	0	16	1	1	30	6055.85	1296	50
S	Feb 2012	19	0	18	1	1	28	6054.95	1285	46
T	Mar 2012	74	7	61	2	6	31	6056.81	1308	70
O	Apr 2012	149	18	98	2	27	30	6059.88	1346	96
R	May 2012	131	17	105	4	34	110	6056.40	1303	176
I	Jun 2012	20	4	35	4	46	42	6051.70	1246	57
C	Jul 2012	10	1	33	4	44	52	6045.91	1178	60
A	Aug 2012	0	0	26	3	45	55	6038.86	1101	46
L	Sep 2012	-2	0	17	2	22	58	6032.62	1035	65
	WY 2012	**522**	**53**	**490**	**26**	**236**	**521**			**821**
*	Oct 2012	3	0	3	1	11	40	6027.78	986	42
	Nov 2012	6	0	4	1	0	21	6025.99	969	21
	Dec 2012	8	0	7	0	0	22	6024.31	953	22
	Jan 2013	8	0	7	0	0	30	6021.79	929	30
	Feb 2013	15	0	14	1	0	31	6019.92	911	31
	Mar 2013	55	1	51	1	2	28	6022.07	931	28
	Apr 2013	110	13	83	2	18	25	6026.09	970	25
	May 2013	210	29	158	3	32	23	6035.96	1070	23
	Jun 2013	200	17	158	4	48	22	6043.84	1155	22
	Jul 2013	45	2	58	4	53	21	6042.05	1135	21
	Aug 2013	30	0	48	3	45	40	6038.29	1094	40
	Sep 2013	30	0	43	2	26	61	6033.88	1048	61
	WY 2013	**720**	**62**	**634**	**22**	**234**	**364**			**366**
	Oct 2013	37	0	38	1	7	38	6033.16	1041	38
	Nov 2013	30	0	23	1	0	30	6032.46	1034	30
	Dec 2013	25	0	20	1	0	31	6031.38	1023	31
	Jan 2014	22	0	18	1	0	31	6030.08	1009	31
	Feb 2014	30	0	27	1	0	28	6029.93	1008	28
	Mar 2014	92	2	84	1	2	26	6035.26	1062	26
	Apr 2014	170	14	136	2	18	21	6044.10	1158	21
	May 2014	277	37	215	3	33	40	6055.96	1297	40
	Jun 2014	224	32	191	4	48	86	6060.16	1350	86
	Jul 2014	66	6	72	4	53	24	6059.41	1340	24
	Aug 2014	45	2	61	4	46	30	6058.00	1323	30
	Sep 2014	43	0	55	3	26	30	6057.70	1319	30
	WY 2014	**1062**	**94**	**941**	**25**	**232**	**413**			**413**
	Oct 2014	47	1	44	2	7	38	6057.57	1317	38

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November 2012 24-Month Study

Most Probable Inflow*

Lake Powell

	Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry (1000 Ac-Ft)
*	Nov 2011	506	530	43	1099	0	1099	3645.67	5388	16683	1104
H	Dec 2011	363	490	33	1223	0	1223	3639.75	5332	15974	1226
I	Jan 2012	356	503	10	852	0	852	3636.91	5305	15641	846
S	Feb 2012	342	460	11	653	0	653	3635.28	5290	15453	654
T	Mar 2012	560	625	19	600	0	600	3635.33	5290	15458	607
O	Apr 2012	764	689	29	606	0	606	3635.76	5294	15508	612
R	May 2012	792	770	35	601	0	601	3636.83	5304	15632	606
I	Jun 2012	353	398	54	709	0	709	3633.90	5277	15294	712
C	Jul 2012	154	285	62	886	0	886	3628.45	5228	14680	892
A	Aug 2012	101	289	60	800	0	800	3623.62	5186	14151	810
L	Sep 2012	104	296	54	481	0	481	3621.56	5168	13929	478
	WY 2012	**4908**	**5964**	**455**	**9466**	**0**	**9466**				**9527**
*	Oct 2012	190	294	37	498	0	498	3619.46	5150	13706	495
	Nov 2012	300	332	35	724	0	724	3615.68	5119	13310	724
	Dec 2012	250	316	27	800	0	800	3611.05	5081	12837	800
	Jan 2013	250	320	8	800	0	800	3606.54	5044	12385	800
	Feb 2013	250	297	9	600	0	600	3603.59	5021	12096	600
	Mar 2013	425	364	15	600	0	600	3601.19	5003	11864	600
	Apr 2013	675	538	23	550	0	550	3600.85	5000	11831	550
	May 2013	1500	1216	28	600	0	600	3606.45	5044	12376	600
	Jun 2013	2150	1713	45	800	0	800	3614.41	5108	13179	800
	Jul 2013	875	809	55	808	0	808	3613.92	5104	13129	808
	Aug 2013	400	504	55	850	0	850	3610.28	5074	12758	850
	Sep 2013	325	446	49	600	0	600	3608.40	5059	12570	600
	WY 2013	**7590**	**7147**	**386**	**8230**	**0**	**8230**				**8227**
	Oct 2013	443	475	34	600	0	600	3606.91	5047	12422	600
	Nov 2013	441	445	32	600	0	600	3605.16	5034	12249	600
	Dec 2013	363	394	26	800	0	800	3601.04	5002	11850	800
	Jan 2014	361	407	8	800	0	800	3597.14	4972	11479	800
	Feb 2014	393	416	8	600	0	600	3595.23	4958	11301	600
	Mar 2014	665	569	14	600	0	600	3594.78	4954	11259	600
	Apr 2014	1056	846	22	600	0	600	3597.00	4971	11466	600
	May 2014	2343	1947	28	600	0	600	3609.57	5069	12687	600
	Jun 2014	2666	2248	47	650	0	650	3623.37	5184	14123	650
	Jul 2014	1091	995	59	850	0	850	3624.10	5190	14203	850
	Aug 2014	500	603	58	900	0	900	3621.04	5164	13874	900
	Sep 2014	408	539	53	630	0	630	3619.79	5153	13741	630
	WY 2014	**10729**	**9884**	**389**	**8230**	**0**	**8230**				**8230**
	Oct 2014	512	628	37	600	0	600	3619.71	5152	13733	600

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November 2012 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Glen Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Nov 2011	1099	36	50	564	9.5	13	561	906	1125.82	13933
H	Dec 2011	1223	84	45	497	8.1	9	482	952	1132.83	14644
I	Jan 2012	852	55	37	713	11.6	9	712	976	1134.18	15022
S	Feb 2012	653	44	34	775	13.5	10	775	969	1133.06	14907
T	Mar 2012	600	43	38	986	16.0	16	985	945	1129.41	14535
O	Apr 2012	606	46	46	1170	19.7	20	1163	909	1123.93	13986
R	May 2012	601	16	52	1008	16.4	30	1007	880	1119.38	13541
I	Jun 2012	709	7	62	989	16.6	28	989	858	1115.84	13200
C	Jul 2012	886	69	77	841	13.7	29	819	858	1115.92	13207
A	Aug 2012	800	169	82	798	13.0	24	793	862	1116.56	13269
L	Sep 2012	481	97	67	635	10.7	18	634	854	1115.16	13135
	WY 2012	**9466**	**732**	**638**	**9421**		**226**	**9357**			
*	Oct 2012	498	56	49	346	5.6	23	331	862	1116.50	13263
	Nov 2012	724	46	49	706	11.9	19	706	862	1116.46	13259
	Dec 2012	800	108	43	420	6.8	16	420	888	1120.63	13663
	Jan 2013	800	78	35	666	10.8	16	666	898	1122.17	13813
	Feb 2013	600	98	32	622	11.2	19	622	899	1122.41	13837
	Mar 2013	600	78	36	961	15.6	22	961	879	1119.12	13516
	Apr 2013	550	76	44	1098	18.5	15	1098	846	1113.92	13017
	May 2013	600	64	50	993	16.2	25	993	821	1109.90	12638
	Jun 2013	800	33	59	931	15.7	23	931	810	1108.07	12468
	Jul 2013	808	54	74	865	14.1	29	865	804	1106.98	12368
	Aug 2013	850	103	78	826	13.4	24	826	805	1107.24	12391
	Sep 2013	600	74	64	645	10.8	20	645	802	1106.68	12340
	WY 2013	**8230**	**868**	**614**	**9079**		**251**	**9064**			
	Oct 2013	600	49	47	499	8.1	18	499	807	1107.56	12420
	Nov 2013	600	46	47	629	10.6	24	629	804	1107.00	12369
	Dec 2013	800	108	41	528	8.6	19	528	823	1110.23	12669
	Jan 2014	800	78	34	673	10.9	20	673	833	1111.75	12811
	Feb 2014	600	98	31	679	12.2	18	679	831	1111.45	12783
	Mar 2014	600	78	34	1033	16.8	24	1033	806	1107.27	12394
	Apr 2014	600	76	42	1108	18.6	20	1108	775	1102.16	11929
	May 2014	600	64	47	992	16.1	31	992	751	1097.89	11548
	Jun 2014	650	33	56	936	15.7	26	936	730	1094.32	11233
	Jul 2014	850	54	70	931	15.1	28	931	723	1092.98	11116
	Aug 2014	900	103	74	839	13.6	31	839	726	1093.62	11172
	Sep 2014	630	74	61	658	11.1	22	658	724	1093.22	11137
	WY 2014	**8230**	**861**	**584**	**9506**		**282**	**9506**			
	Oct 2014	600	49	45	439	7.1	26	439	732	1094.71	11268

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Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Nov 2011	564	-11	10	466	0	466	7.8	635.99	1511
H	Dec 2011	497	-28	9	385	0	385	6.3	638.82	1586
I	Jan 2012	713	-23	10	638	0	638	10.4	640.38	1628
S	Feb 2012	775	-18	10	726	0	726	12.6	641.20	1650
T	Mar 2012	986	-23	13	931	0	931	15.1	641.93	1670
O	Apr 2012	1170	-24	17	1091	0	1091	18.3	643.35	1708
R	May 2012	1008	-14	22	980	0	980	15.9	643.06	1700
I	Jun 2012	989	-19	25	952	0	952	16.0	642.80	1693
C	Jul 2012	841	-9	25	805	0	805	13.1	642.89	1696
A	Aug 2012	798	-11	23	744	0	744	12.1	643.63	1716
L	Sep 2012	635	-5	18	723	0	723	12.1	639.55	1605
	WY 2012	**9421**	**-177**	**197**	**9051**	**0**	**9051**			
*	Oct 2012	346	-3	14	556	0	556	9.0	630.75	1377
	Nov 2012	706	-15	10	507	0	507	8.5	637.50	1551
	Dec 2012	420	-19	9	359	0	359	5.8	638.70	1583
	Jan 2013	666	-13	10	560	0	560	9.1	641.80	1666
	Feb 2013	622	-6	10	606	0	606	10.9	641.80	1666
	Mar 2013	961	-14	13	899	0	899	14.6	643.05	1700
	Apr 2013	1098	-14	17	1069	0	1069	18.0	643.00	1699
	May 2013	993	-14	22	957	0	957	15.6	643.00	1699
	Jun 2013	931	-10	25	923	0	923	15.5	642.00	1671
	Jul 2013	865	-4	25	849	0	849	13.8	641.50	1658
	Aug 2013	826	-7	23	796	0	796	12.9	641.50	1658
	Sep 2013	645	0	18	720	0	720	12.1	638.00	1564
	WY 2013	**9079**	**-121**	**197**	**8801**	**0**	**8801**			
	Oct 2013	499	0	15	615	0	615	10.0	633.00	1434
	Nov 2013	629	-15	10	552	0	552	9.3	635.00	1486
	Dec 2013	528	-19	9	403	0	403	6.6	638.71	1583
	Jan 2014	673	-13	10	567	0	567	9.2	641.80	1666
	Feb 2014	679	-6	10	663	0	663	11.9	641.80	1666
	Mar 2014	1033	-14	13	972	0	972	15.8	643.05	1700
	Apr 2014	1108	-14	17	1080	0	1080	18.1	643.00	1699
	May 2014	992	-14	22	955	0	955	15.5	643.00	1699
	Jun 2014	936	-10	25	927	0	927	15.6	642.00	1671
	Jul 2014	931	-4	25	915	0	915	14.9	641.50	1658
	Aug 2014	839	-7	23	809	0	809	13.2	641.50	1658
	Sep 2014	658	0	18	733	0	733	12.3	638.00	1564
	WY 2014	**9506**	**-118**	**197**	**9191**	**0**	**9191**			
	Oct 2014	439	0	15	554	0	554	9.0	633.00	1434

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2133

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

November 2012 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	Nov 2011	466	37	9	321	5.4	7	175	447.32	567	93	1.6
H	Dec 2011	385	27	6	267	4.3	15	151	445.69	537	108	1.7
I	Jan 2012	638	11	6	382	6.2	54	187	446.61	554	131	2.1
S	Feb 2012	726	11	8	497	8.6	49	169	447.10	563	159	2.8
T	Mar 2012	931	8	9	711	11.6	21	187	447.23	565	187	3.0
O	Apr 2012	1091	24	11	785	13.2	97	180	449.13	602	183	3.1
R	May 2012	980	26	13	709	11.5	100	179	448.81	596	99	1.6
I	Jun 2012	952	10	15	719	12.1	97	130	448.23	584	103	1.7
C	Jul 2012	805	46	17	675	11.0	101	34	448.91	598	124	2.0
A	Aug 2012	744	26	17	568	9.2	100	85	448.38	587	97	1.6
L	Sep 2012	723	31	15	548	9.2	74	137	446.98	561	90	1.5
	WY 2012	**9051**	**288**	**140**	**6652**		**723**	**1763**			**1435**	
*	Oct 2012	556	35	12	482	7.8	14	32	449.31	606	71	1.1
	Nov 2012	507	32	9	373	6.3	13	173	447.50	571	86	1.4
	Dec 2012	359	26	7	259	4.2	14	121	446.50	552	89	1.5
	Jan 2013	560	15	6	349	5.7	40	176	446.50	552	130	2.1
	Feb 2013	606	7	8	453	8.2	19	127	446.50	552	158	2.9
	Mar 2013	899	18	9	683	11.1	40	175	446.70	555	187	3.0
	Apr 2013	1069	19	11	788	13.2	74	169	448.70	593	205	3.5
	May 2013	957	18	13	701	11.4	76	173	448.70	593	112	1.8
	Jun 2013	923	15	16	699	11.7	74	136	448.70	593	114	1.9
	Jul 2013	849	21	17	739	12.0	76	38	448.00	580	115	1.9
	Aug 2013	796	22	17	650	10.6	78	70	447.50	571	105	1.7
	Sep 2013	720	20	15	554	9.3	74	101	446.81	557	102	1.7
	WY 2013	**8801**	**249**	**140**	**6729**		**591**	**1490**			**1475**	
	Oct 2013	615	23	12	452	7.4	52	124	446.31	548	64	1.0
	Nov 2013	552	32	8	368	6.2	51	147	446.50	552	102	1.7
	Dec 2013	403	26	6	274	4.5	52	92	446.50	552	106	1.7
	Jan 2014	567	15	6	350	5.7	81	140	446.50	552	122	2.0
	Feb 2014	663	7	8	451	8.1	71	135	446.50	552	153	2.8
	Mar 2014	972	18	9	711	11.6	81	177	446.70	555	208	3.4
	Apr 2014	1080	19	11	792	13.3	78	171	448.70	593	200	3.4
	May 2014	955	18	13	690	11.2	81	177	448.70	593	111	1.8
	Jun 2014	927	15	16	681	11.4	78	154	448.70	593	112	1.9
	Jul 2014	915	21	17	740	12.0	81	98	448.00	580	118	1.9
	Aug 2014	809	22	17	632	10.3	81	97	447.50	571	92	1.5
	Sep 2014	733	20	15	543	9.1	52	146	446.81	557	89	1.5
	WY 2014	**9191**	**237**	**139**	**6685**		**839**	**1659**			**1477**	
	Oct 2014	554	23	12	451	7.3	7	109	446.31	548	72	1.2

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

November 2012 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Nov 2011	564	9.5	1125.82	13933	477	481.61	1110.0	233.8	61	414.3
H	Dec 2011	497	8.1	1132.83	14644	711	488.04	1374.0	207.2	75	417.3
I	Jan 2012	713	11.6	1134.18	15022	139	485.97	1146.0	308.0	61	432.1
S	Feb 2012	775	13.5	1133.06	14907	-115	484.32	1282.0	338.6	68	436.7
T	Mar 2012	986	16.0	1129.41	14535	-372	481.45	1047.0	427.4	56	433.4
O	Apr 2012	1170	19.7	1123.93	13986	-548	475.07	1164.0	505.3	62	432.0
R	May 2012	1008	16.4	1119.38	13541	-445	471.90	1050.0	429.0	56	425.4
I	Jun 2012	989	16.6	1115.84	13200	-341	470.21	1829.0	414.2	100	418.8
C	Jul 2012	841	13.7	1115.92	13207	8	471.23	1374.0	349.7	76	415.6
A	Aug 2012	798	13.0	1116.56	13269	61	471.53	1809.0	331.4	100	415.2
L	Sep 2012	635	10.7	1115.16	13135	-134	473.98	1809.0	261.9	100	412.2
	WY 2012	**9421**							**3985.6**		
*	Oct 2012	346	5.6	1116.50	13263	128	476.50	1051.0	141.3	58	409.0
	Nov 2012	706	11.9	1116.46	13259	-4	473.14	1051.0	302.2	58	428.3
	Dec 2012	420	6.8	1120.63	13663	403	468.28	1768.0	168.7	97	402.0
	Jan 2013	666	10.8	1122.17	13813	151	474.66	958.0	284.1	52	426.3
	Feb 2013	622	11.2	1122.41	13837	24	473.83	1078.0	264.1	59	424.7
	Mar 2013	961	15.6	1119.12	13516	-321	470.46	1303.0	412.7	72	429.4
	Apr 2013	1098	18.5	1113.92	13017	-499	467.27	1051.0	482.7	59	439.5
	May 2013	993	16.2	1109.90	12638	-379	462.46	1075.0	421.9	61	424.8
	Jun 2013	931	15.7	1108.07	12468	-170	455.60	1751.0	381.9	100	410.0
	Jul 2013	865	14.1	1106.98	12368	-100	454.65	1745.0	356.9	100	412.4
	Aug 2013	826	13.4	1107.24	12391	23	454.40	1747.0	338.5	100	410.0
	Sep 2013	645	10.8	1106.68	12340	-51	455.39	1743.0	257.4	100	399.2
	WY 2013	**9079**							**3812.4**		
	Oct 2013	499	8.1	1107.56	12420	80	460.01	1374.0	204.0	79	408.5
	Nov 2013	629	10.6	1107.00	12369	-51	461.72	1385.0	255.2	79	405.7
	Dec 2013	528	8.6	1110.23	12669	300	461.22	1394.0	211.0	79	399.3
	Jan 2014	673	10.9	1111.75	12811	143	462.45	1226.0	276.6	69	411.0
	Feb 2014	679	12.2	1111.45	12783	-28	460.74	1435.0	280.7	81	413.4
	Mar 2014	1033	16.8	1107.27	12394	-389	458.04	1424.0	427.6	82	413.8
	Apr 2014	1108	18.6	1102.16	11929	-465	455.51	1028.6	476.4	59	429.8
	May 2014	992	16.1	1097.89	11548	-381	450.62	1065.8	411.3	61	414.7
	Jun 2014	936	15.7	1094.32	11233	-314	442.82	1747.0	373.9	100	399.6
	Jul 2014	931	15.1	1092.98	11116	-118	440.87	1747.0	368.8	100	396.0
	Aug 2014	839	13.6	1093.62	11172	56	440.69	1747.0	335.1	100	399.4
	Sep 2014	658	11.1	1093.22	11137	-35	441.94	1747.0	256.8	100	390.1
	WY 2014	**9506**							**3877.3**		
	Oct 2014	439	7.1	1094.71	11268	131	446.93	1372.4	172.2	79	392.4

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Managing Water in the West

November 2012 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Nov 2011	466	7.8	635.99	1511	76	134.28	170.9	57.0	67	122.2
H	Dec 2011	385	6.3	638.82	1586	74	135.59	173.4	48.1	68	124.9
I	Jan 2012	638	10.4	640.38	1628	42	138.75	170.9	77.2	67	121.0
S	Feb 2012	726	12.6	641.20	1650	22	140.80	163.2	90.8	64	125.1
T	Mar 2012	931	15.1	641.93	1670	20	140.23	204.0	117.4	80	126.2
O	Apr 2012	1091	18.3	643.35	1708	39	142.08	249.9	147.4	98	135.2
R	May 2012	980	15.9	643.06	1700	-8	141.39	252.5	128.9	99	131.5
I	Jun 2012	952	16.0	642.80	1693	-7	140.12	255.0	122.6	100	128.8
C	Jul 2012	805	13.1	642.89	1696	2	143.36	255.0	100.7	100	125.1
A	Aug 2012	744	12.1	643.63	1716	20	142.43	252.5	92.5	99	124.3
L	Sep 2012	723	12.1	639.55	1605	-111	137.86	255.0	96.5	100	133.5
	WY 2012	**9051**							**1153.5**		
*	Oct 2012	556	9.0	630.75	1377	-228	130.98	201.5	68.5	79	123.3
	Nov 2012	507	8.5	637.50	1551	173	129.65	160.7	60.6	63	119.6
	Dec 2012	359	5.8	638.70	1583	32	132.69	193.8	44.6	76	124.2
	Jan 2013	560	9.1	641.80	1666	83	135.96	163.2	69.9	64	124.8
	Feb 2013	606	10.9	641.80	1666	0	137.68	158.1	76.1	62	125.6
	Mar 2013	899	14.6	643.05	1700	34	136.42	219.3	112.3	86	124.9
	Apr 2013	1069	18.0	643.00	1699	-2	136.07	255.0	133.1	100	124.4
	May 2013	957	15.6	643.00	1699	0	136.04	255.0	119.7	100	125.1
	Jun 2013	923	15.5	642.00	1671	-27	135.51	255.0	115.1	100	124.7
	Jul 2013	849	13.8	641.50	1658	-14	134.73	255.0	105.8	100	124.5
	Aug 2013	796	12.9	641.50	1658	0	134.46	255.0	99.1	100	124.6
	Sep 2013	720	12.1	638.00	1564	-94	132.62	255.0	88.8	100	123.3
	WY 2013	**8801**							**1093.5**		
	Oct 2013	615	10.0	633.00	1434	-130	129.33	214.2	73.9	84	120.2
	Nov 2013	552	9.3	635.00	1486	51	127.83	211.7	65.8	83	119.2
	Dec 2013	403	6.6	638.71	1583	97	130.91	209.1	49.5	82	122.8
	Jan 2014	567	9.2	641.80	1666	83	134.46	209.1	70.8	82	124.8
	Feb 2014	663	11.9	641.80	1666	0	136.08	209.1	83.0	82	125.2
	Mar 2014	972	15.8	643.05	1700	34	135.44	255.0	121.0	100	124.5
	Apr 2014	1080	18.1	643.00	1699	-2	136.07	255.0	134.3	100	124.4
	May 2014	955	15.5	643.00	1699	0	136.04	255.0	119.5	100	125.1
	Jun 2014	927	15.6	642.00	1671	-27	135.51	255.0	115.6	100	124.6
	Jul 2014	915	14.9	641.50	1658	-14	134.73	255.0	113.6	100	124.2
	Aug 2014	809	13.2	641.50	1658	0	134.46	255.0	100.7	100	124.5
	Sep 2014	733	12.3	638.00	1564	-94	132.62	255.0	90.4	100	123.2
	WY 2014	**9191**							**1138.1**		
	Oct 2014	554	9.0	633.00	1434	-130	129.33	214.2	66.9	84	120.6

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Managing Water in the West

November 2012 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Nov 2011	321	5.4	447.32	567	-12	80.93	102.0	22.1	85	69.1
H	Dec 2011	267	4.3	445.69	537	-30	81.08	67.2	17.7	56	66.2
I	Jan 2012	382	6.2	446.61	554	17	80.68	67.2	25.6	56	67.1
S	Feb 2012	497	8.6	447.10	563	9	80.85	94.8	35.1	79	70.7
T	Mar 2012	711	11.6	447.23	565	2	81.75	97.2	48.8	81	68.6
O	Apr 2012	785	13.2	449.13	602	36	83.37	120.0	54.1	100	69.0
R	May 2012	709	11.5	448.81	596	-6	81.37	111.6	49.6	93	69.9
I	Jun 2012	719	12.1	448.23	584	-11	79.00	120.0	49.7	100	69.1
C	Jul 2012	675	11.0	448.91	598	13	82.94	120.0	46.8	100	69.4
A	Aug 2012	568	9.2	448.38	587	-10	80.54	120.0	39.3	100	69.2
L	Sep 2012	548	9.2	446.98	561	-26	81.05	120.0	37.8	100	69.0
	WY 2012	**6652**							**458.2**		
*	Oct 2012	482	7.8	449.31	606	44	83.52	96.0	33.3	80	69.0
	Nov 2012	373	6.3	447.50	571	-35	77.11	91.2	24.5	76	65.8
	Dec 2012	259	4.2	446.50	552	-19	75.20	102.0	16.2	85	62.7
	Jan 2013	349	5.7	446.50	552	0	74.71	102.0	22.3	85	63.7
	Feb 2013	453	8.2	446.50	552	0	73.92	120.0	29.0	100	64.2
	Mar 2013	683	11.1	446.70	555	4	74.01	120.0	44.3	100	64.9
	Apr 2013	788	13.2	448.70	593	38	75.08	120.0	52.0	100	66.0
	May 2013	701	11.4	448.70	593	0	76.05	120.0	46.6	100	66.5
	Jun 2013	699	11.7	448.70	593	0	76.05	120.0	46.5	100	66.5
	Jul 2013	739	12.0	448.00	580	-13	75.71	120.0	49.0	100	66.3
	Aug 2013	650	10.6	447.50	571	-10	75.13	120.0	42.6	100	65.6
	Sep 2013	554	9.3	446.81	557	-13	74.55	120.0	36.0	100	64.9
	WY 2013	**6729**							**442.3**		
	Oct 2013	452	7.4	446.31	548	-9	74.77	102.0	29.2	85	64.6
	Nov 2013	368	6.2	446.50	552	3	74.62	102.0	23.6	85	64.0
	Dec 2013	274	4.5	446.50	552	0	74.71	102.0	17.2	85	62.7
	Jan 2014	350	5.7	446.50	552	0	74.71	102.0	22.3	85	63.8
	Feb 2014	451	8.1	446.50	552	0	73.92	120.0	28.9	100	64.2
	Mar 2014	711	11.6	446.70	555	4	74.01	120.0	46.2	100	64.9
	Apr 2014	792	13.3	448.70	593	38	75.08	120.0	52.3	100	66.0
	May 2014	690	11.2	448.70	593	0	76.05	120.0	45.8	100	66.4
	Jun 2014	681	11.4	448.70	593	0	76.05	120.0	45.3	100	66.5
	Jul 2014	740	12.0	448.00	580	-13	75.71	120.0	49.1	100	66.3
	Aug 2014	632	10.3	447.50	571	-10	75.13	120.0	41.5	100	65.6
	Sep 2014	543	9.1	446.81	557	-13	74.55	120.0	35.2	100	64.9
	WY 2014	**6685**							**436.6**		
	Oct 2014	451	7.3	446.31	548	-9	74.77	102.0	29.1	85	64.6

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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November 2012 24-Month Study

Most Probable Inflow*

Upper Basin Power

	Date	Glen Canyon 1000 MWHR	Flaming Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Reservoir 1000 MWHR	Fontenelle Reservoir 1000 MWHR
*	Nov 2011	508	34	11	13	7	2
H	Dec 2011	563	43	25	30	17	6
I	Jan 2012	388	58	15	18	10	5
S	Feb 2012	295	54	9	12	2	4
T	Mar 2012	275	62	9	12	6	4
	Winter 2012	**2475**	**300**	**97**	**117**	**61**	**26**
O	Apr 2012	276	47	16	22	14	4
R	May 2012	276	61	19	28	17	4
I	Jun 2012	324	34	26	33	19	7
C	Jul 2012	398	33	24	31	18	6
A	Aug 2012	360	31	21	28	16	6
L	Sep 2012	214	27	17	25	12	4
	Summer 2012	**1849**	**232**	**123**	**168**	**94**	**31**
*	Oct 2012	221	20	8	13	6	2
	Nov 2012	296	18	6	6	3	4
	Dec 2012	324	27	4	6	3	4
	Jan 2013	321	27	4	6	3	4
	Feb 2013	239	24	3	5	3	3
	Mar 2013	237	18	5	7	4	4
	Winter 2013	**1638**	**134**	**30**	**43**	**23**	**21**
	Apr 2013	217	17	8	13	8	3
	May 2013	238	35	21	35	21	5
	Jun 2013	322	48	9	17	13	9
	Jul 2013	327	26	26	34	18	10
	Aug 2013	343	26	28	36	18	7
	Sep 2013	241	25	22	28	15	7
	Summer 2013	**1688**	**178**	**115**	**163**	**94**	**40**
	Oct 2013	240	26	12	16	9	6
	Nov 2013	239	25	4	6	4	6
	Dec 2013	317	26	4	6	4	6
	Jan 2014	314	26	9	12	6	6
	Feb 2014	234	24	8	11	6	5
	Mar 2014	234	26	9	13	7	5
	Winter 2014	**1578**	**154**	**46**	**64**	**36**	**33**
	Apr 2014	234	25	14	22	13	5
	May 2014	238	44	35	52	23	7
	Jun 2014	265	82	20	31	21	9
	Jul 2014	352	37	35	43	23	10
	Aug 2014	372	37	38	45	23	7
	Sep 2014	259	36	35	42	21	6
	Summer 2014	**1460**	**226**	**143**	**192**	**103**	**37**
	Oct 2014	246	37	34	42	21	6

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2133

Processed On: 11/8/2012 2:46:47PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

November 2012 24-Month Study

Most Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions

Date	Flaming George KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Total KAF	Flaming George KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****CREDITABLE SPACE****										
Nov 2012	835	503	710	10616	12663	14114	26777	835	503	710	2047	10616	14114	26777	3810	706	0	33.4
Dec 2012	861	506	727	11012	13105	14118	27223	861	506	727	2094	11012	14118	27223	4580	420	0	33.3
Jan 2013	916	502	743	11485	13646	13714	27361	916	502	743	2161	11485	13714	27361	5350	666	0	33.0
								****EFFECTIVE SPACE****										
Jan 2013	916	502	743	11485	13646	13714	27361	338	281	350	969	11485	13714	26169	5350	666	0	33.0
Feb 2013	966	499	767	11937	14170	13564	27734	387	280	373	1041	11937	13564	26542	1500	622	0	32.7
Mar 2013	1,001	496	785	12226	14507	13540	28047	420	279	390	1089	12226	13540	26855	1500	961	0	32.2
Apr 2013	975	487	765	12458	14686	13861	28547	389	273	367	1029	12458	13861	27348	1500	1098	0	31.8
May 2013	926	461	726	12491	14604	14360	28964	334	245	309	888	12491	14360	27738	1500	993	0	32.2
Jun 2013	861	392	626	11946	13825	14739	28564	259	161	174	594	11946	14739	27279	1500	931	0	33.2
Jul 2013	718	246	541	11143	12648	14909	27557	103	-6	37	134	11143	14909	26186	1500	865	0	33.1
								****CREDITABLE SPACE****										
Aug 2013	632	251	561	11193	12637	15009	27646	632	251	561	1444	11193	15009	27646	1500	826	0	32.7
Sep 2013	647	290	602	11564	13102	14986	28088	647	290	602	1538	11564	14986	28088	2270	645	0	32.2
Oct 2013	680	324	648	11752	13404	15037	28441	680	324	648	1651	11752	15037	28441	3040	499	0	31.9
Nov 2013	705	328	655	11900	13588	14957	28545	705	328	655	1688	11900	14957	28545	3810	629	0	31.8
Dec 2013	730	313	662	12073	13778	15008	28786	730	313	662	1705	12073	15008	28786	4580	528	0	31.7
Jan 2014	769	303	673	12472	14217	14708	28925	769	303	673	1745	12472	14708	28925	5350	673	0	31.5
								****EFFECTIVE SPACE****										
Jan 2014	769	303	673	12472	14217	14708	28925	442	303	488	1233	12472	14708	28413	5350	673	0	31.5
Feb 2014	803	308	687	12843	14641	14566	29207	474	308	501	1283	12843	14566	28691	1500	679	0	31.3
Mar 2014	827	312	688	13021	14849	14594	29443	494	312	502	1308	13021	14594	28924	1500	1033	0	31.0
Apr 2014	802	309	634	13063	14807	14983	29790	464	309	444	1216	13063	14983	29263	1500	1108	0	30.9
May 2014	745	286	538	12856	14425	15448	29873	400	286	329	1014	12856	15448	29318	1500	992	0	32.1
Jun 2014	631	200	399	11635	12864	15829	28694	275	200	153	628	11635	15829	28092	1500	936	0	33.6
Jul 2014	479	30	346	10199	11054	16144	27197	109	5	48	162	10199	16144	26504	1500	931	0	33.6
								****CREDITABLE SPACE****										
Aug 2014	388	27	356	10119	10890	16261	27151	388	27	356	771	10119	16261	27151	1500	839	0	33.2
Sep 2014	415	77	373	10448	11314	16205	27519	415	77	373	866	10448	16205	27519	2270	658	0	32.8
Oct 2014	470	144	377	10581	11573	16240	27813	470	144	377	992	10581	16240	27813	3040	439	0	32.7

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2133

Processed On: 11/8/2012 2:46:47PM

December 24-Month Study
Date: December 12, 2012

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

Reservoir	November Inflow (unregulated) (acre-feet)	Percent of Average (%)	December 10 Midnight Elevation (feet)	Reservoir Storage (acre-feet)
Fontenelle	35,000	83	6488.02	214,000
Flaming Gorge	39,000	76	6021.15	3,020,000
Blue Mesa	19,000	60	7452.48	326,000
Navajo	9,100	27	6025.60	965,000
Powell	246,000	52	3613.50	13,086,000

Expected Operations

The operation of Lake Powell and Lake Mead in this December 2012 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines), and reflects the 2012 Annual Operating Plan (AOP) and draft 2013 AOP. Pursuant to the Interim Guidelines, the August 2012 24-Month Study projections of the January 1, 2013, system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2013.

Consistent with Section 6.B of the Interim Guidelines, the Lake Powell operational tier for water year 2013 is the Upper Elevation Balancing Tier. The December 2012 24-Month Study projects the water year release volume from Lake Powell for 2013 to be 8.23 million acre-feet (maf).

Consistent with Section 6.B.3 of the Interim Guidelines, if the April 24-Month study projects the September 30 Lake Powell elevation to be greater than the 2013 Equalization elevation of 3,646.0 feet with an annual release from Lake Powell of 8.23 maf, the Equalization Tier will govern operations of Lake Powell for the remainder of the water year. If such an adjustment occurs, the water year release volume from Lake Powell may be greater than 8.23 maf. Based on analysis of a range of inflow scenarios, the current probability of realizing an inflow volume that would trigger Equalization in 2013 is less than 5 percent.

Consistent with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar years 2012 and 2013.

The Interim Guidelines are available for download at
http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The 2012 AOP is available for download at
http://www.usbr.gov/lc/region/g4000/aop/AOP12.pdf.
The draft 2013 AOP is available for download at
http://www.usbr.gov/uc/water/rsvrs/ops/aop/AOP13_draft.pdf.

Fontenelle Reservoir – Inflows to Fontenelle Reservoir for the month of November were 35,000 acre-feet (AF), or 83 percent of average. The reservoir elevation is 6488.6 feet above sea level, 63 percent of capacity and will be decreasing over the winter. Inflows are averaging 600 cubic feet per second (cfs). Reservoir releases remained steady at 850 cfs and will likely remain near this level through the fall and winter months.

Inflows for the next three months are projected to be below average: with December, January and February forecasted inflow volumes at 30,000 AF (94% of average), 25,000 AF (82% of average), and 22,000 AF (80% of average), respectively. The Colorado Basin River Forecast Center has also issued the water year 2013 outlook. Based on the December climatology and initial conditions, the forecasted inflows for water year 2013 are 795,000 AF (73% of average).

The next Fontenelle Working Group meeting is scheduled for April 25, 2013, at 10:00 am at the Seedskadee National Wildlife Refuge. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir. The autumn Fontenelle Working Group meeting was held on August 23, 2012 at Joint Powers and Water Board in Green River, Wyoming. Minutes from the meeting are posted on the Working Group webpages.

Flaming Gorge Reservoir – Unregulated inflow into Flaming Gorge Reservoir during the month of November was 39,000 acre-feet, or 76 percent of average. The reservoir elevation is 6021.25 feet and dropping. Observed inflows are approximately 1,300 cubic feet per second (cfs).

Forecasts continue to decrease and Flaming Gorge Dam is in the moderately dry hydrologic classification as outlined in the Record of Decision. Beginning December 1, 2012, Flaming Gorge Dam releases increases from minimum 800 cfs steady releases to a double peak pattern daily average release of 1,200 cfs.

The Colorado Basin River Forecast Center and Natural Resources Conservation Service have issued the joint water supply forecast for the next three months. The unregulated

inflow volumes and percent of average for December, January and February are forecasted to be 29 kaf (83%), 29 kaf (72%), and 32 kaf (72%), respectively. Based on the December climatology and initial conditions, the forecasted inflows for water year 2013 are 949,000 AF (65% of average).

The next Flaming Gorge Working Group meeting is scheduled for April 24, 2013, at 11:00 a.m. at the new Utah Department of Natural Resources building in Vernal, Utah, located at 318 North Vernal Avenue. The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stake holders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations and plans presented by Reclamation at these meetings. For more information on this group and these meetings please contact Ed Vidmar at 801-379-1182.

Aspinall Unit Reservoirs – November unregulated inflow into Blue Mesa Reservoir was 19,000 acre-feet or 60 percent of average. Precipitation during November was observed to be about 35 percent of average. The current inflow rate into Blue Mesa Reservoir is about 300 cfs while reservoir releases are averaging about 300 cfs. Blue Mesa's present elevation is 7452.49 feet, which corresponds to a storage content of about 327,000 acre-feet. The unregulated reservoir inflow into Blue Mesa Reservoir during water year 2012 was 426,500 acre-feet, or about 45 percent of average.

Releases from Crystal are currently set at 350 cfs. The Gunnison Diversion Tunnel was shut down for the season on October 16th, with exception of some small 10 to 20 cfs diversions taken bi-weekly for municipal water needs in Montrose, Colorado. River flows below the tunnel are essentially the same as releases from the Dam, with the exception of when the tunnel is taking water to refill Fairfield Reservoir for Montrose municipal water needs.

On December 1, 2012, the National Weather Service's River Forecasting Center issued its forecasted inflow into Blue Mesa for the next 3 months. The unregulated inflow forecast for December, January, and February is for 47,000 acre-feet, which is 65% of average for these months.

The next meeting of the "Aspinall Unit Working Group" will be held on Thursday January 24th in the Montrose, Colorado, starting at 1:00 PM. At this meeting, review of last summer and fall reservoir operations, and plans for this winter and next spring 2013 operations will be discussed. These meetings are open forum discussions on the Aspinall Unit reservoir operations with many interested groups participating. Anyone needing further information about these meetings should contact Dan Crabtree in the Grand Junction Area Office at (970) 248-0652.

Navajo Reservoir – Navajo Reservoir release rate is currently set at 350 cfs. Releases are made for the authorized purposes of the Navajo Unit, and to attempt to maintain a target base flow through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell).

The San Juan River Basin Recovery Implementation Program recommends a target base flow of between 500 cfs and 1,000 cfs through the critical habitat area. The target base flow is calculated as the weekly average of gaged flows throughout the critical habitat area.

Precipitation for the month of November in the San Juan River basin was about 45 percent of average. Unregulated inflow into Navajo Reservoir during the month of November was 9100 acre-feet, or 27 percent of average. Currently, the daily reservoir inflow is averaging about 100 cfs. Diversions for NIIP have shut down for the season. The reservoir water surface elevation is at 6025.54 feet, which corresponds to a storage content of about 964,000 acre-feet or about 57% of capacity.

The unregulated reservoir inflow into Navajo Reservoir during water year 2012 was recorded at 522,000 acre-feet, or about 49 percent of average. The reservoir had a seasonal peak elevation of 6061.56 feet on May 20, 2012.

A public meeting on Navajo Reservoir operations will be held Tuesday, January 15, 2013 at 1:00 PM at the Civic Center in Farmington, New Mexico (200 West Arrington Street). At this meeting, review of last summer and fall reservoir operations, and plans for this winter and spring 2013 operations will be discussed. These meetings are open forum discussions on the operation of Navajo Reservoir with many interested groups participating. Anyone interested in the general operation of the reservoir is encouraged to attend. Please contact Ryan Christianson in Reclamation's Durango, Colorado Office at (970) 385-6590 for information about these meetings or the daily operation of Navajo Reservoir.

Glen Canyon Dam / Lake Powell – **Recent Reservoir Operations**

The unregulated inflow volume to Lake Powell in November was 246 thousand acre-feet (kaf) (52% of average). The release volume from Glen Canyon Dam in November was 730 kaf. The end of November elevation and storage of Lake Powell were 3615.1 feet (85 feet from full pool) and 13.25 maf (54% of full capacity). The reservoir elevation will continue to decline through the fall and winter months.

From November 18-23, 2012, the Department of Interior conducted the first High Flow Experiment under a multi-year High Flow Protocol announced earlier this year by Secretary Salazar. Under this Protocol, high flow releases are linked to sediment input and other resource conditions below Glen Canyon Dam. Beginning on the evening of November 18th, releases from Glen Canyon Dam began ramping up to full power plant capacity (approximately 28,000 cfs). At midday on November 19th, bypass tubes at Glen Canyon Dam were opened and releases continued to increase up to full power plant and bypass capacity (approximately 43,000 cfs) by the evening of November 19th. Releases

were maintained at peak release for 24 hours and then began ramping back down. Releases returned to normal operations in the evening of November 23rd. The entire experiment, including ramping lasted 5 days, with 24 hours at peak release. November releases from Glen Canyon Dam prior to and after the High Flow Experiment fluctuated between 7,000cfs and 9,000cfs. The elevation of Lake Powell is decreased approximately 2.75 feet during the 5-day experiment. Approximately 77,800 acre-feet was bypassed during the experiment. The total annual release from Glen Canyon Dam in water year 2013 will not change as a result of the High Flow Experiment.

Current and Planned Reservoir Operations

The operating tier for 2013 is the Upper Elevation Balancing Tier, as establish in August 2012 and pursuant to the Interim Guidelines. However, if hydrologic conditions and projections become wetter, it is possible that beginning in April, the Equalization tier will govern the operations of Lake Powell for the remainder of the water year. Based on analysis of a range of inflow scenarios, however, the current probability of realizing an inflow volume that would trigger Equalization in 2013 is less than 5 percent. As hydrologic conditions for Lake Powell and Lake Mead change throughout the year, Reclamation will adjust operations of Glen Canyon Dam to release the appropriate annual volume during 2013 to achieve the governing operating tier objectives as practicably as possible by September 30, 2013.

Releases from Glen Canyon Dam in December are currently averaging approximately 13,000 cfs with daily fluctuations between 8,250cfs and 16,250cfs and consistent with the Glen Canyon Operating Criteria (Federal Register, Volume 62, No. 41, March 3, 1997). The scheduled release volume for December 2012 is 800 kaf.

In January, the release volume will likely be about 800 kaf, with fluctuations throughout the day from about 8,500 cfs in the early morning to about 16,500 cfs in the evening. In February, the release volume will likely be about 600 kaf with daily fluctuations for hydropower between approximately 8,000 cfs and 14,000 cfs.

In addition to daily scheduled fluctuations for power generation, the instantaneous releases from Glen Canyon Dam may also fluctuate to provide 40 MW of system regulation. These instantaneous release adjustments stabilize the electrical generation and transmission system and translate to a range of about 1,100 cfs above or below the hourly scheduled release rate. Typically, fluctuations for system regulation are very short lived and balance out over the hour and do not have noticeable impacts on downstream river flow conditions.

Releases from Glen Canyon Dam can also fluctuate beyond scheduled fluctuations for power generation when called upon as a partner that shares reserve requirements within the electrical generator community (i.e. balancing area). Reserves provide system reliability in the event of an unscheduled outage. Glen Canyon Dam typically maintains 43 MW of reserves (approximately 1,100 cfs). Reserve calls can be maintained for a maximum of 2 hours after which time the generation rate should be returned to the original schedule. If reserves from Glen Canyon Dam are called upon, releases from the

dam can exceed scheduled levels and can have a noticeable impact on the river downstream from Glen Canyon Dam. Calls for reserves are fairly infrequent and typically are for much less than 43 MW.

Current Inflow Forecasts and Model Projections

The hydrologic forecast for Lake Powell for water year 2013 projects that the most probable (median) unregulated inflow volume will be 5.76 maf (53% of average based on the period 1981-2010). Based on this hydrologic outlook, the December 24-Month study projects the annual release volume for water year 2013 will be 8.23 maf and the end of water year reservoir elevation and storage for Lake Powell will be 3594.8 and 11.26 maf (48% capacity), respectively.

If hydrologic conditions and projections become significantly wetter, it is possible that beginning in April, the Equalization tier will govern the operations of Lake Powell for the remainder of the water year and the release volume for 2013 could be greater than 8.23 maf. However, based on analysis of a range of inflow scenarios, the current probability of realizing an inflow volume that would trigger Equalization in 2013 is less than 5 percent.

Upper Colorado River Basin Hydrology - Since water year 2005, the Upper Colorado River Basin has experienced significant year to year hydrologic variability. The unregulated inflow to Lake Powell, which is a good measure of hydrologic conditions in the Colorado River Basin, has averaged a water year volume of 10.22 maf (94% of average (period 1981-2010)) during the period from 2005 through 2012. The hydrologic variability during this period has been from a low water year unregulated inflow volume of 4.91 maf (45% of average) in water year 2012 to a high water year unregulated inflow volume of 15.97 maf (147% of average) in water year 2011. Based on observed inflows and current forecasts, water year 2013 unregulated inflow is expected to be 5.76 maf (53% of average).

Overall reservoir storage in the Colorado River Basin has increased by over 4 maf since the beginning of water year 2005 and this is an improvement over the persistent drought conditions during water years 2000 through 2004. From the beginning of water year 2005 to the beginning of water year 2013, the total reservoir storage in the Colorado River Basin increased from 29.8 maf (50% of capacity) to 33.9 maf (57 % of capacity). However, this period experienced year to year increases and decreases in total Colorado Basin storage in response to wet and dry hydrology.

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-430
125 SOUTH STATE STREET, ROOM 6107
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-3709

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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:	Obs			nov	Forecast		
:	aug	sep	oct	nov	%Avg	dec	jan	feb
GLDA3:Lake Powell	101	104	190	246	52%:	250/	250/	250/
GBRW4:Fontenelle	36	23	29	35	83%:	30/	25/	22/
GRNU1:Flaming Gorge	29	19.4	24	39	76%:	29/	29/	32/
BMDC2:Blue Mesa	28	19.2	20	18.8	60%:	17/	16/	14/
MPSC2:Morrow Point	28	19.5	22	19.6	59%:	18/	17/	15/
CLSC2:Crystal	32	22	24	23	60%:	21/	20/	18/
TPIC2:Taylor Park	4.5	4.3	4.2	3.0	59%:	2.9/	2.6/	2/
VCRC2:Vallecito	7.1	3.9	3.4	3.1	35%:	2.7/	2.2/	1.9/
NVRN5:Navajo	0.36	-2.27	3.4	9.1	27%:	11/	12/	15/
LEMC2:Lemon	2.4	0.78	0.55	0.45	27%:	0.4/	0.35/	0.3/
MPHC2:McPhee	7.0	4.0	1.63	1.71	29%:	1.8/	2/	2.5/
RBSC2:Ridgway	7.6	6.1	4.5	3.6	64%:	3.3/	3/	2.8/

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

December 2012 24-Month Study

Most Probable Inflow*

Fontenelle Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Dec 2011	35	1	74	0	74	6486.86	207
H	Jan 2012	32	1	74	0	74	6479.61	165
I	Feb 2012	30	0	69	0	69	6471.56	126
S	Mar 2012	64	0	67	0	67	6470.82	123
T	Apr 2012	98	1	60	0	60	6478.72	160
O	May 2012	130	1	61	0	62	6489.92	227
R	Jun 2012	189	2	83	16	99	6502.11	315
I	Jul 2012	92	3	72	3	75	6503.94	329
C	Aug 2012	36	2	68	0	68	6499.56	296
A	Sep 2012	23	2	46	8	54	6495.11	263
	WY 2012	**825**	**15**	**750**	**94**	**845**		
L	Oct 2012	29	1	25	28	53	6491.56	238
*	Nov 2012	35	1	22	28	51	6489.08	221
	Dec 2012	30	1	54	0	54	6485.31	198
	Jan 2013	25	1	52	0	52	6480.55	170
	Feb 2013	22	1	47	0	47	6475.55	144
	Mar 2013	42	0	52	0	52	6473.26	133
	Apr 2013	62	1	51	0	51	6475.55	144
	May 2013	117	1	86	0	86	6481.26	174
	Jun 2013	215	2	89	0	89	6499.80	297
	Jul 2013	128	3	80	0	80	6505.64	343
	Aug 2013	58	2	74	0	74	6503.35	325
	Sep 2013	38	2	67	0	67	6499.37	294
	WY 2013	**800**	**15**	**699**	**56**	**756**		
	Oct 2013	43	1	69	0	69	6495.68	267
	Nov 2013	40	1	67	0	67	6491.73	240
	Dec 2013	32	1	69	0	69	6485.98	202
	Jan 2014	30	1	69	0	69	6479.28	163
	Feb 2014	28	0	62	0	62	6472.02	128
	Mar 2014	53	0	69	0	69	6468.09	111
	Apr 2014	85	1	77	0	77	6469.89	119
	May 2014	164	1	99	6	105	6481.76	177
	Jun 2014	299	2	103	73	176	6499.90	298
	Jul 2014	178	3	101	30	131	6505.58	342
	Aug 2014	77	2	74	0	74	6505.62	343
	Sep 2014	46	2	64	0	64	6503.09	323
	WY 2014	**1074**	**15**	**921**	**109**	**1030**		
	Oct 2014	49	1	66	0	66	6500.66	304
	Nov 2014	42	1	64	0	64	6497.63	281

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2135

Processed On:12/10/2012 4:12:28PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

December 2012 24-Month Study

Most Probable Inflow*

Flaming Gorge Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	Dec 2011	38	77	2	108	0	108	137	6031.41	3404	147
H	Jan 2012	45	87	2	148	0	148	134	6029.85	3343	189
I	Feb 2012	47	86	2	140	0	140	132	6028.43	3289	186
S	Mar 2012	104	107	3	162	0	162	130	6026.95	3233	286
T	Apr 2012	136	98	5	122	0	122	129	6026.21	3205	331
O	May 2012	153	85	8	159	19	178	125	6023.57	3108	385
R	Jun 2012	188	98	10	87	0	87	125	6023.59	3108	156
I	Jul 2012	93	76	12	84	0	84	124	6023.04	3088	99
C	Aug 2012	29	60	12	80	0	80	123	6022.19	3058	90
A	Sep 2012	19	50	10	68	0	68	122	6021.43	3030	78
	WY 2012	**990**	**1010**	**78**	**1366**	**20**	**1386**				**2278**
L	Oct 2012	24	48	7	52	0	52	122	6021.15	3020	69
*	Nov 2012	39	55	3	49	0	49	122	6021.23	3023	73
	Dec 2012	29	53	2	70	0	70	121	6020.72	3005	70
	Jan 2013	29	56	2	74	0	74	120	6020.20	2987	74
	Feb 2013	32	57	2	66	0	66	120	6019.90	2976	66
	Mar 2013	76	86	3	50	0	50	121	6020.81	3008	50
	Apr 2013	86	75	5	48	0	48	122	6021.41	3030	48
	May 2013	156	125	7	95	0	95	123	6022.01	3051	95
	Jun 2013	235	109	10	128	0	128	122	6021.24	3024	128
	Jul 2013	145	97	13	61	0	61	123	6021.87	3046	61
	Aug 2013	62	78	12	61	0	61	123	6022.00	3051	61
	Sep 2013	42	71	11	59	0	59	123	6022.03	3052	59
	WY 2013	**955**	**910**	**75**	**813**	**0**	**813**				**854**
	Oct 2013	50	75	7	61	0	61	123	6022.24	3060	61
	Nov 2013	47	74	3	59	0	59	124	6022.56	3071	59
	Dec 2013	35	72	2	61	0	61	124	6022.80	3080	61
	Jan 2014	40	79	2	61	0	61	125	6023.23	3095	61
	Feb 2014	45	79	2	55	0	55	125	6023.81	3117	55
	Mar 2014	102	119	3	61	0	61	127	6025.25	3169	61
	Apr 2014	134	125	5	59	0	59	130	6026.84	3229	59
	May 2014	245	186	8	112	0	112	132	6028.53	3293	112
	Jun 2014	390	266	10	224	0	224	134	6029.33	3323	224
	Jul 2014	210	163	14	101	0	101	135	6030.53	3370	101
	Aug 2014	89	86	13	101	0	101	134	6029.83	3342	101
	Sep 2014	55	73	11	98	0	98	133	6028.92	3307	98
	WY 2014	**1441**	**1398**	**79**	**1053**	**0**	**1053**				**1053**
	Oct 2014	59	77	7	101	0	101	132	6028.10	3276	101
	Nov 2014	51	73	3	98	0	98	131	6027.38	3249	98

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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RECLAMATION
Managing Water in the West

December 2012 24-Month Study

Most Probable Inflow*

Taylor Park Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Dec 2011	4	6	9307.93	67
H	Jan 2012	4	5	9307.37	66
I	Feb 2012	4	4	9307.22	66
S	Mar 2012	6	4	9308.28	67
T	Apr 2012	10	4	9311.81	73
O	May 2012	16	8	9316.40	81
R	Jun 2012	9	15	9312.87	75
I	Jul 2012	6	14	9307.53	66
C	Aug 2012	4	12	9302.28	58
A	Sep 2012	4	6	9300.80	56
	WY 2012	**80**	**94**		
L	Oct 2012	4	4	9301.04	57
*	Nov 2012	3	3	9301.07	57
	Dec 2012	3	5	9299.90	55
	Jan 2013	3	5	9298.48	53
	Feb 2013	2	5	9296.56	51
	Mar 2013	3	5	9294.96	49
	Apr 2013	5	5	9295.36	49
	May 2013	17	8	9301.79	58
	Jun 2013	24	15	9307.91	67
	Jul 2013	11	18	9303.48	60
	Aug 2013	6	18	9294.55	48
	Sep 2013	5	16	9284.26	37
	WY 2013	**85**	**104**		
	Oct 2013	5	10	9278.90	32
	Nov 2013	4	5	9278.89	32
	Dec 2013	5	5	9279.10	32
	Jan 2014	4	5	9278.93	32
	Feb 2014	4	5	9278.12	31
	Mar 2014	4	5	9278.05	31
	Apr 2014	9	5	9282.78	35
	May 2014	28	8	9300.38	56
	Jun 2014	42	18	9315.73	79
	Jul 2014	20	18	9316.97	82
	Aug 2014	10	18	9312.43	74
	Sep 2014	7	16	9306.98	65
	WY 2014	**143**	**115**		
	Oct 2014	7	10	9304.74	62
	Nov 2014	5	5	9305.16	62

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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Most Probable Inflow*

Blue Mesa Reservoir

	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Dec 2011	24	26	0	87	0	87	7489.07	574
H	Jan 2012	22	23	0	52	0	52	7485.29	545
I	Feb 2012	21	22	0	34	0	34	7483.66	533
S	Mar 2012	40	39	0	32	0	32	7484.49	539
T	Apr 2012	57	51	1	58	0	58	7483.54	532
O	May 2012	74	66	1	71	0	71	7482.82	527
R	Jun 2012	45	50	1	93	0	93	7476.82	483
I	Jul 2012	30	39	1	90	0	90	7469.29	431
C	Aug 2012	28	36	1	79	0	79	7462.48	387
A	Sep 2012	19	21	1	67	0	67	7454.82	340
	WY 2012	**427**	**442**	**7**	**793**	**0**	**793**		
L	Oct 2012	20	20	0	33	0	33	7452.55	327
*	Nov 2012	19	19	0	19	0	19	7452.39	326
	Dec 2012	17	19	0	21	0	21	7451.95	324
	Jan 2013	16	18	0	15	0	15	7452.43	326
	Feb 2013	14	17	0	13	0	13	7453.01	330
	Mar 2013	23	25	0	18	0	18	7454.25	337
	Apr 2013	52	52	1	29	0	29	7457.95	359
	May 2013	115	107	1	56	0	56	7465.87	408
	Jun 2013	132	123	1	56	0	56	7475.58	474
	Jul 2013	57	64	1	92	0	92	7471.31	445
	Aug 2013	38	50	1	97	0	97	7464.13	397
	Sep 2013	28	39	1	77	0	77	7457.95	359
	WY 2013	**531**	**551**	**7**	**525**	**0**	**525**		
	Oct 2013	32	36	0	44	0	44	7456.71	351
	Nov 2013	28	28	0	15	0	15	7458.99	365
	Dec 2013	26	25	0	15	0	15	7460.71	376
	Jan 2014	24	24	0	24	0	24	7460.76	376
	Feb 2014	22	23	0	21	0	21	7461.07	378
	Mar 2014	36	36	0	26	0	26	7462.70	388
	Apr 2014	77	73	1	36	0	36	7468.28	424
	May 2014	221	201	1	118	0	118	7480.02	506
	Jun 2014	261	237	1	42	0	42	7504.66	700
	Jul 2014	117	115	1	106	0	106	7505.52	707
	Aug 2014	63	71	1	115	0	115	7500.19	663
	Sep 2014	38	47	1	94	0	94	7494.23	615
	WY 2014	**946**	**917**	**8**	**654**	**0**	**654**		
	Oct 2014	38	42	1	59	0	59	7491.97	597
	Nov 2014	31	31	0	29	0	29	7492.13	598

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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December 2012 24-Month Study

Most Probable Inflow*

Morrow Point Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Dec 2011	25	87	0	88	85	0	85	7154.97	113
H	Jan 2012	23	52	1	53	52	0	52	7155.61	113
I	Feb 2012	22	34	1	35	35	0	35	7155.27	113
S	Mar 2012	43	32	2	35	34	0	34	7156.25	114
T	Apr 2012	63	58	6	64	63	0	63	7157.05	115
O	May 2012	80	71	6	76	79	0	79	7154.07	112
R	Jun 2012	45	93	1	93	93	0	93	7154.59	113
I	Jul 2012	31	90	0	90	89	0	89	7155.86	114
C	Aug 2012	28	79	0	80	80	0	80	7154.84	113
A	Sep 2012	19	67	0	68	71	0	71	7150.03	109
	WY 2012	**447**	**793**	**21**	**814**	**811**	**0**	**811**		
L	Oct 2012	22	33	1	34	40	0	40	7142.80	104
*	Nov 2012	20	19	1	20	16	0	16	7148.49	108
	Dec 2012	18	21	1	22	18	0	18	7153.73	112
	Jan 2013	17	15	1	16	16	0	16	7153.73	112
	Feb 2013	15	13	1	14	14	0	14	7153.73	112
	Mar 2013	25	18	2	20	20	0	20	7153.73	112
	Apr 2013	58	29	6	35	35	0	35	7153.73	112
	May 2013	128	56	13	69	69	0	69	7153.73	112
	Jun 2013	139	56	7	63	63	0	63	7153.73	112
	Jul 2013	61	92	4	96	96	0	96	7153.73	112
	Aug 2013	41	97	3	100	100	0	100	7153.73	112
	Sep 2013	31	77	3	80	80	0	80	7153.73	112
	WY 2013	**574**	**525**	**43**	**568**	**565**	**0**	**565**		
	Oct 2013	34	44	3	46	46	0	46	7153.73	112
	Nov 2013	31	15	2	17	17	0	17	7153.73	112
	Dec 2013	28	15	2	17	17	0	17	7153.73	112
	Jan 2014	27	24	2	26	26	0	26	7153.73	112
	Feb 2014	25	21	3	24	24	0	24	7153.73	112
	Mar 2014	40	26	4	30	30	0	30	7153.73	112
	Apr 2014	88	36	11	47	47	0	47	7153.73	112
	May 2014	247	118	26	144	144	0	144	7153.73	112
	Jun 2014	281	42	20	62	62	0	62	7153.73	112
	Jul 2014	123	106	6	112	112	0	112	7153.73	112
	Aug 2014	67	115	3	118	118	0	118	7153.73	112
	Sep 2014	41	94	3	97	97	0	97	7153.73	112
	WY 2014	**1031**	**654**	**85**	**739**	**739**	**0**	**739**		
	Oct 2014	41	59	3	62	62	0	62	7153.73	112
	Nov 2014	33	29	2	31	31	0	31	7153.73	112

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Managing Water in the West

December 2012 24-Month Study

Most Probable Inflow*

Crystal Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
*	Dec 2011	28	85	3	88	89	0	89	6750.95	16	1	90
H	Jan 2012	27	52	3	56	53	3	56	6751.28	16	1	57
I	Feb 2012	26	35	3	38	15	23	38	6751.90	17	1	40
S	Mar 2012	49	34	6	40	40	0	40	6751.80	17	6	36
T	Apr 2012	71	63	8	71	71	0	71	6752.10	17	50	23
O	May 2012	86	79	6	84	86	0	86	6745.87	15	65	23
R	Jun 2012	49	93	3	96	97	0	97	6744.24	14	63	36
I	Jul 2012	35	89	4	93	93	0	93	6745.39	15	62	35
C	Aug 2012	32	80	3	84	84	0	84	6743.63	14	52	36
A	Sep 2012	22	71	2	74	63	11	74	6743.29	14	45	32
	WY 2012	**498**	**811**	**51**	**862**	**824**	**38**	**862**			**397**	**492**
L	Oct 2012	24	40	3	42	40	0	40	6750.72	16	20	20
*	Nov 2012	23	16	4	19	21	0	21	6746.77	15	1	19
	Dec 2012	21	18	3	21	19	0	19	6753.04	17	0	19
	Jan 2013	20	16	3	19	19	0	19	6753.04	17	0	19
	Feb 2013	18	14	3	17	17	0	17	6753.04	17	0	17
	Mar 2013	28	20	3	23	23	0	23	6753.04	17	5	17
	Apr 2013	69	35	11	46	46	0	46	6753.04	17	30	16
	May 2013	146	69	18	87	87	0	87	6753.04	17	55	32
	Jun 2013	154	63	15	78	78	0	78	6753.04	17	60	18
	Jul 2013	67	96	6	102	102	0	102	6753.04	17	65	37
	Aug 2013	44	100	3	103	103	0	103	6753.04	17	65	38
	Sep 2013	36	80	5	85	85	0	85	6753.04	17	55	30
	WY 2013	**650**	**565**	**76**	**642**	**639**	**0**	**639**			**356**	**282**
	Oct 2013	40	46	5	52	52	0	52	6753.04	17	30	22
	Nov 2013	35	17	5	21	21	0	21	6753.04	17	0	21
	Dec 2013	32	17	5	22	22	0	22	6753.04	17	0	22
	Jan 2014	31	26	5	31	31	0	31	6753.04	17	0	31
	Feb 2014	29	24	4	27	27	0	27	6753.04	17	0	27
	Mar 2014	46	30	6	36	36	0	36	6753.04	17	5	31
	Apr 2014	101	47	12	60	60	0	60	6753.04	17	30	30
	May 2014	281	144	34	178	134	44	178	6753.04	17	55	123
	Jun 2014	315	62	34	96	96	0	96	6753.04	17	60	36
	Jul 2014	138	112	14	127	127	0	127	6753.04	17	65	62
	Aug 2014	75	118	8	126	126	0	126	6753.04	17	65	61
	Sep 2014	47	97	6	103	103	0	103	6753.04	17	55	48
	WY 2014	**1170**	**739**	**139**	**878**	**834**	**44**	**878**			**365**	**513**
	Oct 2014	47	62	6	68	68	0	68	6753.04	17	30	38
	Nov 2014	38	31	5	36	36	0	36	6753.04	17	0	36

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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December 2012 24-Month Study

Most Probable Inflow*

Vallecito Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Dec 2011	5	2	7644.76	75
H	Jan 2012	5	3	7645.42	76
I	Feb 2012	4	4	7645.50	76
S	Mar 2012	12	4	7648.84	84
T	Apr 2012	36	3	7661.80	117
O	May 2012	42	35	7664.36	124
R	Jun 2012	17	36	7656.80	104
I	Jul 2012	11	35	7647.02	80
C	Aug 2012	7	33	7634.93	54
A	Sep 2012	4	22	7624.48	36
	WY 2012	**168**	**188**		
L	Oct 2012	3	3	7624.51	36
*	Nov 2012	3	1	7625.69	37
	Dec 2012	3	2	7626.38	39
	Jan 2013	2	2	7626.75	39
	Feb 2013	2	1	7627.02	40
	Mar 2013	4	2	7628.16	42
	Apr 2013	12	1	7633.69	52
	May 2013	39	27	7639.25	63
	Jun 2013	49	41	7642.83	70
	Jul 2013	17	38	7631.96	48
	Aug 2013	14	34	7619.39	28
	Sep 2013	11	24	7607.04	15
	WY 2013	**158**	**177**		
	Oct 2013	12	12	7607.06	15
	Nov 2013	8	1	7613.18	21
	Dec 2013	6	2	7617.24	26
	Jan 2014	5	2	7620.19	29
	Feb 2014	5	1	7622.53	33
	Mar 2014	9	2	7626.99	40
	Apr 2014	23	1	7638.53	61
	May 2014	71	31	7655.77	101
	Jun 2014	70	46	7664.99	125
	Jul 2014	29	42	7660.05	112
	Aug 2014	20	38	7652.79	94
	Sep 2014	17	30	7647.59	81
	WY 2014	**276**	**206**		
	Oct 2014	16	20	7645.65	77
	Nov 2014	9	8	7645.81	77

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Most Probable Inflow*

Navajo Reservoir

	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azetea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Farmington Flow (1000 Ac-Ft)
*	Dec 2011	19	0	16	1	1	31	6057.10	1311	54
H	Jan 2012	18	0	16	1	1	30	6055.85	1296	50
I	Feb 2012	19	0	18	1	1	28	6054.95	1285	46
S	Mar 2012	74	7	61	2	6	31	6056.81	1308	70
T	Apr 2012	149	18	98	2	27	30	6059.88	1346	96
O	May 2012	131	17	105	4	34	110	6056.40	1303	176
R	Jun 2012	20	4	35	4	46	42	6051.70	1246	57
I	Jul 2012	10	1	33	4	44	52	6045.91	1178	60
C	Aug 2012	0	0	26	3	45	55	6038.86	1101	46
A	Sep 2012	-2	0	17	2	22	58	6032.62	1035	65
	WY 2012	**522**	**53**	**490**	**26**	**236**	**521**			**821**
L	Oct 2012	3	0	3	1	11	40	6027.78	986	57
*	Nov 2012	9	0	7	1	0	23	6026.11	970	32
	Dec 2012	11	0	10	0	0	26	6024.41	954	26
	Jan 2013	12	0	11	0	0	28	6022.66	937	28
	Feb 2013	15	0	14	1	0	19	6022.07	931	19
	Mar 2013	39	1	36	1	2	18	6023.69	947	18
	Apr 2013	82	13	58	2	18	15	6026.14	970	15
	May 2013	151	29	111	3	32	15	6032.16	1030	15
	Jun 2013	163	17	138	3	48	15	6039.04	1102	15
	Jul 2013	25	2	44	4	53	39	6034.16	1051	39
	Aug 2013	20	0	39	3	45	60	6027.37	982	60
	Sep 2013	22	0	36	2	26	44	6023.70	947	44
	WY 2013	**553**	**62**	**509**	**22**	**234**	**342**			**368**
	Oct 2013	32	0	31	1	7	38	6022.22	933	38
	Nov 2013	28	0	22	1	0	27	6021.59	927	27
	Dec 2013	25	0	20	0	0	28	6020.74	919	28
	Jan 2014	22	0	18	0	0	28	6019.65	909	28
	Feb 2014	30	0	27	1	0	25	6019.74	909	25
	Mar 2014	92	2	83	1	2	24	6025.58	965	24
	Apr 2014	170	14	135	2	18	21	6034.92	1059	21
	May 2014	277	37	200	3	33	40	6046.36	1183	40
	Jun 2014	224	32	167	4	48	86	6048.84	1212	86
	Jul 2014	66	6	72	4	53	22	6048.21	1205	22
	Aug 2014	45	2	61	3	46	28	6046.88	1189	28
	Sep 2014	43	0	55	2	26	29	6046.72	1188	29
	WY 2014	**1055**	**94**	**891**	**23**	**232**	**395**			**395**
	Oct 2014	47	1	50	2	7	23	6048.31	1206	23
	Nov 2014	34	1	32	1	0	23	6049.04	1214	23

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December 2012 24-Month Study

Most Probable Inflow*

Lake Powell

	Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry (1000 Ac-Ft)
*	Dec 2011	363	490	33	1223	0	1223	3639.75	5332	15974	1226
H	Jan 2012	356	503	10	852	0	852	3636.91	5305	15641	846
I	Feb 2012	342	460	11	653	0	653	3635.28	5290	15453	654
S	Mar 2012	560	625	19	600	0	600	3635.33	5290	15458	607
T	Apr 2012	764	689	29	606	0	606	3635.76	5294	15508	612
O	May 2012	792	770	35	601	0	601	3636.83	5304	15632	606
R	Jun 2012	353	398	54	709	0	709	3633.90	5277	15294	712
I	Jul 2012	154	285	62	886	0	886	3628.45	5228	14680	892
C	Aug 2012	101	289	60	800	0	800	3623.62	5186	14151	810
A	Sep 2012	104	296	54	481	0	481	3621.56	5168	13929	478
	WY 2012	**4908**	**5964**	**455**	**9466**	**0**	**9466**				**9527**
L	Oct 2012	190	294	37	498	0	498	3619.46	5150	13706	495
*	Nov 2012	246	273	35	652	78	730	3615.10	5114	13251	736
	Dec 2012	250	304	27	800	0	800	3610.36	5075	12766	800
	Jan 2013	250	309	8	800	0	800	3605.72	5038	12304	800
	Feb 2013	250	288	9	600	0	600	3602.68	5014	12007	600
	Mar 2013	390	340	14	600	0	600	3600.03	4994	11753	600
	Apr 2013	535	438	23	550	0	550	3598.71	4984	11628	550
	May 2013	925	731	27	600	0	600	3599.73	4992	11724	600
	Jun 2013	1490	1223	42	800	0	800	3603.40	5020	12077	800
	Jul 2013	635	655	51	802	0	802	3601.51	5005	11894	802
	Aug 2013	310	453	50	850	0	850	3597.15	4972	11480	850
	Sep 2013	295	408	45	600	0	600	3594.80	4955	11261	600
	WY 2013	**5766**	**5716**	**368**	**8152**	**78**	**8230**				**8233**
	Oct 2013	418	453	31	600	0	600	3593.02	4941	11096	600
	Nov 2013	429	426	30	600	0	600	3590.97	4926	10908	600
	Dec 2013	363	380	23	800	0	800	3586.40	4894	10498	800
	Jan 2014	361	387	7	800	0	800	3581.97	4862	10109	800
	Feb 2014	393	397	7	600	0	600	3579.71	4847	9915	600
	Mar 2014	665	550	12	600	0	600	3579.03	4842	9857	600
	Apr 2014	1056	822	20	600	0	600	3581.22	4857	10044	600
	May 2014	2343	1938	25	600	0	600	3594.80	4955	11261	600
	Jun 2014	2666	2224	42	650	0	650	3609.49	5068	12679	650
	Jul 2014	1091	987	54	850	0	850	3610.25	5074	12756	850
	Aug 2014	500	594	53	900	0	900	3606.92	5048	12423	900
	Sep 2014	408	519	48	630	0	630	3605.42	5036	12275	630
	WY 2014	**10692**	**9678**	**352**	**8230**	**0**	**8230**				**8230**
	Oct 2014	512	560	33	600	0	600	3604.73	5030	12207	600
	Nov 2014	473	508	32	600	0	600	3603.55	5021	12092	600

* Based on the Colorado River Basin Forecast Center'sMost Probable Water Supply Forecast

Model Run ID: 2135

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

December 2012 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Glen Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Dec 2011	1223	84	45	497	8.1	9	482	952	1132.83	14644
H	Jan 2012	852	55	37	713	11.6	9	712	976	1134.18	15022
I	Feb 2012	653	44	34	775	13.5	10	775	969	1133.06	14907
S	Mar 2012	600	43	38	986	16.0	16	985	945	1129.41	14535
T	Apr 2012	606	46	46	1170	19.7	20	1163	909	1123.93	13986
O	May 2012	601	16	52	1008	16.4	30	1007	880	1119.38	13541
R	Jun 2012	709	7	62	989	16.6	28	989	858	1115.84	13200
I	Jul 2012	886	69	77	841	13.7	29	820	858	1115.92	13207
C	Aug 2012	800	169	82	798	13.0	24	792	862	1116.56	13269
A	Sep 2012	481	97	67	635	10.7	18	634	854	1115.16	13135
	WY 2012	**9466**	**732**	**638**	**9421**		**226**	**9356**			
L	Oct 2012	498	53	49	346	5.6	20	331	862	1116.50	13263
*	Nov 2012	730	59	49	650	10.9	14	649	867	1117.24	13334
	Dec 2012	800	108	43	490	8.0	20	490	888	1120.69	13669
	Jan 2013	800	78	35	600	9.8	16	600	902	1122.86	13881
	Feb 2013	600	98	32	643	11.6	19	643	903	1122.90	13885
	Mar 2013	600	78	36	957	15.6	22	957	882	1119.65	13568
	Apr 2013	550	76	44	1098	18.5	15	1098	849	1114.47	13069
	May 2013	600	64	50	1001	16.3	25	1001	824	1110.37	12682
	Jun 2013	800	33	60	920	15.5	23	920	814	1108.67	12523
	Jul 2013	802	54	74	905	14.7	29	905	805	1107.12	12380
	Aug 2013	850	103	78	834	13.6	24	834	806	1107.28	12395
	Sep 2013	600	74	64	662	11.1	20	662	801	1106.56	12329
	WY 2013	**8230**	**879**	**615**	**9106**		**246**	**9089**			
	Oct 2013	600	49	47	500	8.1	18	500	807	1107.42	12408
	Nov 2013	600	46	47	612	10.3	24	612	804	1107.03	12372
	Dec 2013	800	108	41	537	8.7	19	537	823	1110.19	12665
	Jan 2014	800	78	34	673	10.9	20	673	832	1111.70	12807
	Feb 2014	600	98	31	679	12.2	18	679	831	1111.40	12778
	Mar 2014	600	78	34	1034	16.8	24	1034	805	1107.22	12389
	Apr 2014	600	76	42	1108	18.6	20	1108	775	1102.11	11924
	May 2014	600	64	47	991	16.1	31	991	750	1097.84	11544
	Jun 2014	650	33	56	935	15.7	26	935	730	1094.28	11230
	Jul 2014	850	54	70	931	15.1	28	931	722	1092.93	11112
	Aug 2014	900	103	74	839	13.6	31	839	726	1093.57	11168
	Sep 2014	630	74	61	658	11.1	22	658	724	1093.17	11133
	WY 2014	**8230**	**861**	**584**	**9499**		**282**	**9499**			
	Oct 2014	600	49	45	438	7.1	26	438	732	1094.67	11264
	Nov 2014	600	46	45	528	8.9	25	528	735	1095.18	11309

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

December 2012 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Dec 2011	497	-28	9	385	0	385	6.3	638.82	1586
H	Jan 2012	713	-23	10	638	0	638	10.4	640.38	1628
I	Feb 2012	775	-18	10	726	0	726	12.6	641.20	1650
S	Mar 2012	986	-23	13	931	0	931	15.1	641.93	1670
T	Apr 2012	1170	-24	17	1091	0	1091	18.3	643.35	1708
O	May 2012	1008	-14	22	980	0	980	15.9	643.06	1700
R	Jun 2012	989	-19	25	952	0	952	16.0	642.80	1693
I	Jul 2012	841	-9	25	805	0	805	13.1	642.89	1696
C	Aug 2012	798	-11	23	744	0	744	12.1	643.63	1716
A	Sep 2012	635	-5	18	723	0	723	12.1	639.55	1605
	WY 2012	**9421**	**-177**	**197**	**9051**	**0**	**9051**			
L	Oct 2012	346	-3	14	556	0	556	9.0	630.75	1377
*	Nov 2012	650	-11	10	499	0	499	8.4	635.82	1507
	Dec 2012	490	-19	9	386	0	386	6.3	638.70	1583
	Jan 2013	600	-13	10	502	0	502	8.2	641.50	1658
	Feb 2013	643	-6	10	619	0	619	11.1	641.80	1666
	Mar 2013	957	-14	13	895	0	895	14.6	643.05	1700
	Apr 2013	1098	-14	17	1069	0	1069	18.0	643.00	1699
	May 2013	1001	-14	22	964	0	964	15.7	643.00	1699
	Jun 2013	920	-10	25	911	0	911	15.3	642.00	1671
	Jul 2013	905	-4	25	889	0	889	14.5	641.50	1658
	Aug 2013	834	-7	23	804	0	804	13.1	641.50	1658
	Sep 2013	662	0	18	737	0	737	12.4	638.00	1564
	WY 2013	**9106**	**-118**	**196**	**8833**	**0**	**8833**			
	Oct 2013	500	0	15	616	0	616	10.0	633.00	1434
	Nov 2013	612	-15	10	536	0	536	9.0	635.00	1486
	Dec 2013	537	-19	9	411	0	411	6.7	638.71	1583
	Jan 2014	673	-13	10	567	0	567	9.2	641.80	1666
	Feb 2014	679	-6	10	663	0	663	11.9	641.80	1666
	Mar 2014	1034	-14	13	972	0	972	15.8	643.05	1700
	Apr 2014	1108	-14	17	1080	0	1080	18.1	643.00	1699
	May 2014	991	-14	22	955	0	955	15.5	643.00	1699
	Jun 2014	935	-10	25	927	0	927	15.6	642.00	1671
	Jul 2014	931	-4	25	915	0	915	14.9	641.50	1658
	Aug 2014	839	-7	23	809	0	809	13.2	641.50	1658
	Sep 2014	658	0	18	733	0	733	12.3	638.00	1564
	WY 2014	**9499**	**-118**	**197**	**9184**	**0**	**9184**			
	Oct 2014	438	0	15	554	0	554	9.0	633.00	1434
	Nov 2014	528	-15	10	451	0	451	7.6	635.00	1486

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

December 2012 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	Dec 2011	385	27	6	267	4.3	15	151	445.69	537	108	1.7
H	Jan 2012	638	11	6	382	6.2	54	187	446.61	554	131	2.1
I	Feb 2012	726	11	8	497	8.6	49	169	447.10	563	159	2.8
S	Mar 2012	931	8	9	711	11.6	21	187	447.23	565	187	3.0
T	Apr 2012	1091	24	11	785	13.2	97	180	449.13	602	183	3.1
O	May 2012	980	26	13	709	11.5	100	179	448.81	596	99	1.6
R	Jun 2012	952	10	15	719	12.1	97	130	448.23	584	103	1.7
I	Jul 2012	805	46	17	675	11.0	101	34	448.91	598	124	2.0
C	Aug 2012	744	26	17	568	9.2	100	85	448.38	587	97	1.6
A	Sep 2012	723	31	15	548	9.2	74	137	446.98	561	90	1.5
	WY 2012	**9051**	**288**	**140**	**6652**		**723**	**1763**			**1435**	
L	Oct 2012	556	34	12	482	7.8	14	32	449.31	606	70	1.1
*	Nov 2012	499	28	9	348	5.9	14	174	448.06	581	89	1.5
	Dec 2012	386	26	7	291	4.7	14	126	446.50	552	89	1.5
	Jan 2013	502	15	6	349	5.7	62	86	447.00	561	130	2.1
	Feb 2013	619	7	8	463	8.3	10	149	446.50	552	158	2.9
	Mar 2013	895	18	9	682	11.1	34	177	446.70	555	187	3.0
	Apr 2013	1069	19	11	786	13.2	74	171	448.70	593	205	3.5
	May 2013	964	18	13	703	11.4	77	177	448.70	593	112	1.8
	Jun 2013	911	15	16	698	11.7	74	125	448.70	593	114	1.9
	Jul 2013	889	21	17	732	11.9	77	84	448.00	580	115	1.9
	Aug 2013	804	22	17	644	10.5	80	83	447.50	571	105	1.7
	Sep 2013	737	20	15	556	9.3	74	116	446.81	557	102	1.7
	WY 2013	**8833**	**244**	**140**	**6735**		**603**	**1499**			**1476**	
	Oct 2013	616	23	12	448	7.3	48	133	446.31	548	64	1.0
	Nov 2013	536	32	8	374	6.3	47	128	446.50	552	102	1.7
	Dec 2013	411	26	6	275	4.5	48	103	446.50	552	106	1.7
	Jan 2014	567	15	6	350	5.7	81	140	446.50	552	122	2.0
	Feb 2014	663	7	8	451	8.1	71	135	446.50	552	153	2.8
	Mar 2014	972	18	9	711	11.6	81	177	446.70	555	208	3.4
	Apr 2014	1080	19	11	792	13.3	78	171	448.70	593	200	3.4
	May 2014	955	18	13	690	11.2	81	177	448.70	593	111	1.8
	Jun 2014	927	15	16	681	11.4	78	154	448.70	593	112	1.9
	Jul 2014	915	21	17	740	12.0	81	98	448.00	580	118	1.9
	Aug 2014	809	22	17	632	10.3	81	97	447.50	571	92	1.5
	Sep 2014	733	20	15	543	9.1	52	146	446.81	557	89	1.5
	WY 2014	**9184**	**237**	**139**	**6688**		**828**	**1660**			**1477**	
	Oct 2014	554	23	12	451	7.3	7	109	446.31	548	72	1.2
	Nov 2014	451	32	8	381	6.4	7	77	446.50	552	105	1.8

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

December 2012 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Dec 2011	497	8.1	1132.83	14644	711	488.04	1374.0	207.2	75	417.3
H	Jan 2012	713	11.6	1134.18	15022	139	485.97	1146.0	308.0	61	432.1
I	Feb 2012	775	13.5	1133.06	14907	-115	484.32	1282.0	338.6	68	436.7
S	Mar 2012	986	16.0	1129.41	14535	-372	481.45	1047.0	427.4	56	433.4
T	Apr 2012	1170	19.7	1123.93	13986	-548	475.07	1164.0	505.3	62	432.0
O	May 2012	1008	16.4	1119.38	13541	-445	471.90	1050.0	429.0	56	425.4
R	Jun 2012	989	16.6	1115.84	13200	-341	470.21	1829.0	414.2	100	418.8
I	Jul 2012	841	13.7	1115.92	13207	8	471.23	1374.0	349.7	76	415.6
C	Aug 2012	798	13.0	1116.56	13269	61	471.53	1809.0	331.4	100	415.2
A	Sep 2012	635	10.7	1115.16	13135	-134	473.98	1809.0	261.9	100	412.2
	WY 2012	**9421**							**3985.6**		
L	Oct 2012	346	5.6	1116.50	13263	128	476.50	1051.0	141.3	58	409.0
*	Nov 2012	650	10.9	1117.24	13334	71	473.22	1051.0	276.3	58	424.7
	Dec 2012	490	8.0	1120.69	13669	334	470.71	1520.0	202.9	84	414.2
	Jan 2013	600	9.8	1122.86	13881	213	474.43	1079.0	253.4	59	422.1
	Feb 2013	643	11.6	1122.90	13885	4	474.55	1074.0	275.0	59	427.6
	Mar 2013	957	15.6	1119.65	13568	-317	470.97	1305.0	411.1	72	429.6
	Apr 2013	1098	18.5	1114.47	13069	-499	467.80	1052.0	483.1	59	439.9
	May 2013	1001	16.3	1110.37	12682	-387	462.96	1076.0	426.1	61	425.8
	Jun 2013	920	15.5	1108.67	12523	-159	456.13	1752.0	376.9	100	409.8
	Jul 2013	905	14.7	1107.12	12380	-143	455.01	1746.0	367.5	100	406.1
	Aug 2013	834	13.6	1107.28	12395	15	454.49	1748.0	342.6	100	410.6
	Sep 2013	662	11.1	1106.56	12329	-67	455.35	1744.0	265.1	100	400.7
	WY 2013	**9106**							**3821.3**		
	Oct 2013	500	8.1	1107.42	12408	79	459.88	1374.0	204.3	79	408.5
	Nov 2013	612	10.3	1107.03	12372	-36	461.67	1386.0	251.5	79	410.7
	Dec 2013	537	8.7	1110.19	12665	292	461.21	1395.0	214.9	79	400.3
	Jan 2014	673	10.9	1111.70	12807	142	462.40	1226.0	276.6	69	411.0
	Feb 2014	679	12.2	1111.40	12778	-29	460.69	1436.0	280.7	81	413.3
	Mar 2014	1034	16.8	1107.22	12389	-389	457.42	1517.0	425.4	87	411.5
	Apr 2014	1108	18.6	1102.11	11924	-465	452.98	1401.0	460.9	82	415.8
	May 2014	991	16.1	1097.84	11544	-381	450.57	1048.5	411.1	61	414.6
	Jun 2014	935	15.7	1094.28	11230	-314	442.77	1718.0	373.6	100	399.5
	Jul 2014	931	15.1	1092.93	11112	-118	440.83	1718.0	368.8	100	396.0
	Aug 2014	839	13.6	1093.57	11168	56	440.64	1718.0	335.1	100	399.4
	Sep 2014	658	11.1	1093.17	11133	-35	441.90	1718.0	256.8	100	390.0
	WY 2014	**9499**							**3859.6**		
	Oct 2014	438	7.1	1094.67	11264	132	446.89	1349.6	172.0	79	392.3
	Nov 2014	528	8.9	1095.18	11309	45	449.43	1363.8	207.4	79	392.9

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

December 2012 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Dec 2011	385	6.3	638.82	1586	74	135.59	173.4	48.1	68	124.9
H	Jan 2012	638	10.4	640.38	1628	42	138.75	170.9	77.2	67	121.0
I	Feb 2012	726	12.6	641.20	1650	22	140.80	163.2	90.8	64	125.1
S	Mar 2012	931	15.1	641.93	1670	20	140.23	204.0	117.4	80	126.2
T	Apr 2012	1091	18.3	643.35	1708	39	142.08	249.9	147.4	98	135.2
O	May 2012	980	15.9	643.06	1700	-8	141.39	252.5	128.9	99	131.5
R	Jun 2012	952	16.0	642.80	1693	-7	140.12	255.0	122.6	100	128.8
I	Jul 2012	805	13.1	642.89	1696	2	143.36	255.0	100.7	100	125.1
C	Aug 2012	744	12.1	643.63	1716	20	142.43	252.5	92.5	99	124.3
A	Sep 2012	723	12.1	639.55	1605	-111	137.86	255.0	96.5	100	133.5
	WY 2012	**9051**							**1153.5**		
L	Oct 2012	556	9.0	630.75	1377	-228	130.98	206.6	68.5	81	123.3
*	Nov 2012	499	8.4	635.82	1507	130	136.16	168.3	67.9	66	136.0
	Dec 2012	386	6.3	638.70	1583	76	132.06	186.2	47.6	73	123.3
	Jan 2013	502	8.2	641.50	1658	75	135.81	163.2	62.8	64	125.1
	Feb 2013	619	11.1	641.80	1666	8	137.53	158.1	77.6	62	125.3
	Mar 2013	895	14.6	643.05	1700	34	136.42	219.3	111.8	86	124.9
	Apr 2013	1069	18.0	643.00	1699	-2	136.07	255.0	133.0	100	124.4
	May 2013	964	15.7	643.00	1699	0	136.04	255.0	120.6	100	125.1
	Jun 2013	911	15.3	642.00	1671	-27	135.51	255.0	113.7	100	124.7
	Jul 2013	889	14.5	641.50	1658	-14	134.73	255.0	110.5	100	124.3
	Aug 2013	804	13.1	641.50	1658	0	134.46	255.0	100.2	100	124.5
	Sep 2013	737	12.4	638.00	1564	-94	132.62	255.0	90.8	100	123.2
	WY 2013	**8833**							**1105.0**		
	Oct 2013	616	10.0	633.00	1434	-130	129.33	214.2	74.0	84	120.2
	Nov 2013	536	9.0	635.00	1486	51	127.83	211.7	63.9	83	119.3
	Dec 2013	411	6.7	638.71	1583	97	130.91	209.1	50.5	82	122.8
	Jan 2014	567	9.2	641.80	1666	83	134.46	209.1	70.8	82	124.8
	Feb 2014	663	11.9	641.80	1666	0	136.08	209.1	83.0	82	125.2
	Mar 2014	972	15.8	643.05	1700	34	135.44	255.0	121.0	100	124.5
	Apr 2014	1080	18.1	643.00	1699	-2	136.07	255.0	134.3	100	124.4
	May 2014	955	15.5	643.00	1699	0	136.04	255.0	119.5	100	125.1
	Jun 2014	927	15.6	642.00	1671	-27	135.51	255.0	115.5	100	124.6
	Jul 2014	915	14.9	641.50	1658	-14	134.73	255.0	113.6	100	124.2
	Aug 2014	809	13.2	641.50	1658	0	134.46	255.0	100.7	100	124.5
	Sep 2014	733	12.3	638.00	1564	-94	132.62	255.0	90.4	100	123.2
	WY 2014	**9184**							**1137.2**		
	Oct 2014	554	9.0	633.00	1434	-130	129.33	214.2	66.8	84	120.6
	Nov 2014	451	7.6	635.00	1486	51	127.83	211.7	54.1	83	119.8

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

December 2012 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Dec 2011	267	4.3	445.69	537	-30	81.08	67.2	17.7	56	66.2
H	Jan 2012	382	6.2	446.61	554	17	80.68	67.2	25.6	56	67.1
I	Feb 2012	497	8.6	447.10	563	9	80.85	94.8	35.1	79	70.7
S	Mar 2012	711	11.6	447.23	565	2	81.75	97.2	48.8	81	68.6
T	Apr 2012	785	13.2	449.13	602	36	83.37	120.0	54.1	100	69.0
O	May 2012	709	11.5	448.81	596	-6	81.37	111.6	49.6	93	69.9
R	Jun 2012	719	12.1	448.23	584	-11	79.00	120.0	49.7	100	69.1
I	Jul 2012	675	11.0	448.91	598	13	82.94	120.0	46.8	100	69.4
C	Aug 2012	568	9.2	448.38	587	-10	80.54	120.0	39.3	100	69.2
A	Sep 2012	548	9.2	446.98	561	-26	81.05	120.0	37.8	100	69.0
	WY 2012	**6652**							**458.2**		
L	Oct 2012	482	7.8	449.31	606	44	83.52	96.0	33.3	80	69.0
*	Nov 2012	348	5.9	448.06	581	-24	82.22	92.4	24.1	77	69.2
	Dec 2012	291	4.7	446.50	552	-29	75.41	103.2	18.4	86	63.4
	Jan 2013	349	5.7	447.00	561	9	74.96	102.0	22.3	85	63.9
	Feb 2013	463	8.3	446.50	552	-9	74.16	120.0	29.8	100	64.4
	Mar 2013	682	11.1	446.70	555	4	74.01	120.0	44.3	100	64.9
	Apr 2013	786	13.2	448.70	593	38	75.08	120.0	51.9	100	66.0
	May 2013	703	11.4	448.70	593	0	76.05	120.0	46.8	100	66.5
	Jun 2013	698	11.7	448.70	593	0	76.05	120.0	46.4	100	66.5
	Jul 2013	732	11.9	448.00	580	-13	75.71	120.0	48.5	100	66.3
	Aug 2013	644	10.5	447.50	571	-10	75.13	120.0	42.3	100	65.6
	Sep 2013	556	9.3	446.81	557	-13	74.55	120.0	36.1	100	64.9
	WY 2013	**6735**							**444.1**		
	Oct 2013	448	7.3	446.31	548	-9	74.77	102.0	28.9	85	64.6
	Nov 2013	374	6.3	446.50	552	3	74.62	102.0	24.0	85	64.0
	Dec 2013	275	4.5	446.50	552	0	74.71	102.0	17.2	85	62.7
	Jan 2014	350	5.7	446.50	552	0	74.71	102.0	22.3	85	63.8
	Feb 2014	451	8.1	446.50	552	0	73.92	120.0	28.9	100	64.2
	Mar 2014	711	11.6	446.70	555	4	74.01	120.0	46.2	100	64.9
	Apr 2014	792	13.3	448.70	593	38	75.08	120.0	52.3	100	66.0
	May 2014	690	11.2	448.70	593	0	76.05	120.0	45.8	100	66.4
	Jun 2014	681	11.4	448.70	593	0	76.05	120.0	45.3	100	66.5
	Jul 2014	740	12.0	448.00	580	-13	75.71	120.0	49.1	100	66.3
	Aug 2014	632	10.3	447.50	571	-10	75.13	120.0	41.5	100	65.6
	Sep 2014	543	9.1	446.81	557	-13	74.55	120.0	35.2	100	64.9
	WY 2014	**6688**							**436.8**		
	Oct 2014	451	7.3	446.31	548	-9	74.77	102.0	29.1	85	64.6
	Nov 2014	381	6.4	446.50	552	3	74.62	102.0	24.4	85	64.1

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

December 2012 24-Month Study

Most Probable Inflow*

Upper Basin Power

	Date	Glen Canyon 1000 MWHR	Flaming Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Reservoir 1000 MWHR	Fontenelle Reservoir 1000 MWHR
*	Dec 2011	563	43	25	30	17	6
H	Jan 2012	388	58	15	18	10	5
I	Feb 2012	295	54	9	12	2	4
S	Mar 2012	275	62	9	12	6	4
	Winter 2012	**2475**	**300**	**97**	**117**	**61**	**26**
T	Apr 2012	276	47	16	22	14	4
O	May 2012	276	61	19	28	17	4
R	Jun 2012	324	34	26	33	19	7
I	Jul 2012	398	33	24	31	18	6
C	Aug 2012	360	31	21	28	16	6
A	Sep 2012	214	27	17	25	12	4
	Summer 2012	**1849**	**232**	**123**	**168**	**94**	**31**
L	Oct 2012	221	20	8	13	6	2
	Dec 2012	323	25	6	6	3	4
	Jan 2013	320	27	4	6	3	4
	Feb 2013	238	24	3	5	3	3
	Mar 2013	237	18	5	7	4	4
	Winter 2013	**1340**	**114**	**26**	**38**	**19**	**17**
	Apr 2013	216	17	8	13	8	4
	May 2013	236	35	15	25	15	6
	Jun 2013	316	46	16	23	13	7
	Jul 2013	317	22	26	35	18	8
	Aug 2013	334	22	27	36	18	7
	Sep 2013	234	21	21	29	15	6
	Summer 2013	**1653**	**164**	**112**	**159**	**87**	**38**
	Oct 2013	233	22	12	17	9	6
	Nov 2013	232	21	4	6	4	6
	Dec 2013	307	22	4	6	4	6
	Jan 2014	304	22	6	9	5	5
	Feb 2014	226	20	6	8	5	4
	Mar 2014	226	22	7	11	6	4
	Winter 2014	**1528**	**130**	**39**	**57**	**33**	**32**
	Apr 2014	226	21	10	17	10	5
	May 2014	230	41	33	52	23	7
	Jun 2014	257	82	12	22	17	9
	Jul 2014	342	37	32	40	22	10
	Aug 2014	361	37	35	42	22	7
	Sep 2014	251	36	28	35	18	6
	Summer 2014	**1415**	**219**	**123**	**174**	**94**	**37**
	Oct 2014	239	37	18	22	12	6
	Nov 2014	238	36	9	11	6	6

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

December 2012 24-Month Study

Most Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions

Date	Flaming George KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Total KAF	Flaming George KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****CREDITABLE SPACE****										
Dec 2012	848	503	726	11071	13149	14043	27192	848	503	726	2078	11071	14043	27192	4580	490	0	33.2
Jan 2013	891	506	742	11556	13695	13708	27404	891	506	742	2139	11556	13708	27404	5350	600	0	33.0
								****EFFECTIVE SPACE****										
Jan 2013	891	506	742	11556	13695	13708	27404	237	130	264	632	11556	13708	25896	5350	600	0	33.0
Feb 2013	937	503	759	12018	14218	13496	27713	282	129	280	692	12018	13496	26205	1500	643	0	32.7
Mar 2013	974	500	765	12315	14553	13492	28045	316	128	285	730	12315	13492	26537	1500	957	0	32.2
Apr 2013	952	493	749	12569	14764	13809	28573	290	123	267	680	12569	13809	27058	1500	1098	0	31.7
May 2013	920	471	726	12694	14811	14308	29119	252	100	224	575	12694	14308	27578	1500	1001	0	31.6
Jun 2013	869	421	666	12598	14553	14695	29248	191	41	128	360	12598	14695	27653	1500	920	0	32.0
Jul 2013	773	355	594	12245	13966	14854	28820	84	-35	5	54	12245	14854	27153	1500	905	0	31.6
								****CREDITABLE SPACE****										
Aug 2013	705	385	645	12428	14163	14997	29159	705	385	645	1735	12428	14997	29159	1500	834	0	31.0
Sep 2013	718	432	714	12842	14706	14982	29688	718	432	714	1864	12842	14982	29688	2270	662	0	30.5
Oct 2013	748	471	749	13061	15029	15048	30077	748	471	749	1968	13061	15048	30077	3040	500	0	30.3
Nov 2013	767	478	763	13226	15234	14969	30203	767	478	763	2009	13226	14969	30203	3810	612	0	30.1
Dec 2013	784	464	769	13414	15431	15005	30436	784	464	769	2017	13414	15005	30436	4580	537	0	30.0
Jan 2014	812	454	777	13824	15867	14712	30580	812	454	777	2043	13824	14712	30580	5350	673	0	29.8
								****EFFECTIVE SPACE****										
Jan 2014	812	454	777	13824	15867	14712	30580	493	386	455	1335	13824	14712	29871	5350	673	0	29.8
Feb 2014	836	454	787	14213	16289	14570	30859	514	386	465	1364	14213	14570	30147	1500	679	0	29.6
Mar 2014	850	452	787	14407	16495	14599	31093	524	385	463	1372	14407	14599	30378	1500	1034	0	29.3
Apr 2014	814	441	731	14465	16451	14988	31439	483	374	405	1261	14465	14988	30714	1500	1108	0	29.3
May 2014	747	405	637	14278	16067	15453	31519	408	333	291	1032	14278	15453	30762	1500	991	0	30.4
Jun 2014	625	323	513	13061	14522	15833	30355	275	230	131	635	13061	15833	29530	1500	935	0	31.9
Jul 2014	473	129	484	11643	12729	16147	28877	109	11	50	170	11643	16147	27960	1500	931	0	31.9
								****CREDITABLE SPACE****										
Aug 2014	382	122	491	11566	12562	16265	28827	382	122	491	996	11566	16265	28827	1500	839	0	31.6
Sep 2014	409	167	507	11899	12981	16209	29191	409	167	507	1082	11899	16209	29191	2270	658	0	31.2
Oct 2014	464	215	508	12047	13234	16244	29478	464	215	508	1187	12047	16244	29478	3040	438	0	31.0
Nov 2014	514	233	490	12115	13351	16113	29464	514	233	490	1237	12115	16113	29464	3810	528	0	31.0

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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February 24-Month Study
Date: February 12, 2013

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

Reservoir	January Inflow (unregulated) (acre-feet)	Percent of Average (%)	February 10 Midnight Elevation (feet)	Reservoir Storage (acre-feet)
Fontenelle	23,000	76	6478.27	157,000
Flaming Gorge	24,000	60	6019.91	2,976,000
Blue Mesa	16,000	65	7452.80	328,000
Navajo	14,000	64	6023.50	945,000
Powell	168,000	47	3603.48	12,085,000

Expected Operations

The operation of Lake Powell and Lake Mead in this February 2013 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines), and reflects the 2013 Annual Operating Plan (AOP). Pursuant to the Interim Guidelines, the August 2012 24-Month Study projections of the January 1, 2013, system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2013.

Consistent with Section 6.B of the Interim Guidelines, the Lake Powell operational tier for water year 2013 is the Upper Elevation Balancing Tier. The February 2013 24-Month Study projects the water year release volume from Lake Powell for 2013 to be 8.23 million acre-feet (maf).

Consistent with Section 6.B.3 of the Interim Guidelines, if the April 24-Month study projects the September 30 Lake Powell elevation to be greater than the 2013 Equalization elevation of 3,646.0 feet with an annual release from Lake Powell of 8.23 maf, the Equalization Tier will govern operations of Lake Powell for the remainder of the water year. If such an adjustment occurs, the water year release volume from Lake Powell may be greater than 8.23 maf. Based on analysis of a range of inflow scenarios, the current probability of realizing an inflow volume that would trigger Equalization in 2013 is less than 5 percent.

Consistent with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar year 2013.

The Interim Guidelines are available for download at http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The 2013 AOP is available for download at
http://www.usbr.gov/uc/water/rsvrs/ops/aop/AOP13_final.pdf
.

Fontenelle Reservoir – Inflows to Fontenelle Reservoir for the month of January were 23,000 acre-feet (AF), or 76 percent of average. The reservoir elevation is 6478.2 feet, 55 percent of live capacity and will be decreasing over the winter. Inflows are averaging 300 cubic feet per second (cfs). Reservoir releases remain at 850 cfs and will likely remain near this level through the fall and winter months.

Inflows for the next three months are projected to be below average: with February, March and April forecasted inflow volumes at 22,000 AF (80% of average), 41,000 AF (78% of average), and 65,000 AF (76% of average), respectively. The Colorado Basin River Forecast Center has issued the official water supply forecast for the April through July unregulated inflow volume which is 495,000 af or 68 percent of the 1981-2010 thirty-year average.

The next Fontenelle Working Group meeting is scheduled for April 25, 2013, at 10:00 am at the Seedskadee National Wildlife Refuge. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir. The autumn Fontenelle Working Group meeting was held on August 23, 2012 at Joint Powers and Water Board in Green River, Wyoming. Minutes from the meeting are posted on the Working Group webpages.

Flaming Gorge Reservoir – Unregulated inflow into Flaming Gorge Reservoir during the month of January was 24,000 acre-feet (af), or 60 percent of average. The reservoir elevation is 6019.9 feet and dropping. Observed inflows are approximately 800 cubic feet per second (cfs).

Forecasts remain below average and Flaming Gorge Dam is in the moderately dry hydrologic classification as outlined in the Record of Decision. Flaming Gorge Dam releases are current 1,200 cfs with hourly releases following a double peak pattern. Releases will remain at 1,200 cfs through the end of February, and will decrease to steady 800 cfs releases beginning March 5, 2013.

The Colorado Basin River Forecast Center has issued the official water supply forecast for the April through July unregulated inflow volume which is 640,000 af or 65 percent of the 1981-2010 thirty-year average. The spring hydrologic classification would be

moderately dry if the May 1 final unregulated inflow forecast into Flaming Gorge Reservoir remains in the range of 428,000 af and 779,000 af. The hydrologic conditions would be dry if the May 1 forecast decreases below 428,000 af, and would move into average (below median) if the May 1 final forecast increased above 779,000 af.

The next Flaming Gorge Working Group meeting is scheduled for April 24, 2013, at 11:00 a.m. at the new Utah Department of Natural Resources building in Vernal, Utah, located at 318 North Vernal Avenue. The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stake holders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations and plans presented by Reclamation at these meetings. For more information on this group and these meetings please contact Ed Vidmar at 801-379-1182.

Aspinall Unit Reservoirs – January unregulated inflow into Blue Mesa Reservoir was 16,000 acre-feet or 65 percent of average. On February 8th the basin snowpack was averaging 76 percent, which has increased about 10 percent from a month ago. Precipitation during January was about 110 percent of average, while December's precipitation was recorded at 115 percent of average. The current inflow rate into Blue Mesa Reservoir is about 300 cfs while reservoir releases are averaging about 300 cfs. This past fall and early winter months has seen below average reservoir inflows. Blue Mesa Reservoir current elevation is 7452.73 feet, which corresponds to a storage content of about 328,000 acre-feet. This elevation is about 32.0 feet lower than the elevation was from a year ago.

The Colorado Basin River Forecast Center's February water supply forecast for Blue Mesa for the April to July runoff season is 385,000 acre-feet (57% of average) which is slightly lower from last month's forecast. Based on this forecast, Blue Mesa Reservoir is not projected to fill this runoff season.

Releases from Crystal Dam have been kept at just about minimum flow of 350 cfs since the end of irrigation season because of drought conditions. Reservoir releases will most likely remain at these levels since Blue Mesa Reservoir content is extremely low.

The last meeting of the "Aspinall Unit Working Group" was held on January 24, 2013 in Montrose, Colorado. At this meeting, review of last summer and fall reservoir operations, and plans for this winter and next spring 2013 operations were discussed. These meetings are open forum discussions on the Aspinall Unit reservoir operations with many interested groups participating. For more information about these meetings please contact Dan Crabtree in the Grand Junction Area Office at (970) 248-0652.

Navajo Reservoir – Navajo Reservoir release rate is currently set at 350 cfs. This temporary, lower release is made in collaboration with the San Juan River Basin Recovery Implementation Program (SJRIP) for a project taking place at the PNM diversion dam. The SJRIP has requested this temporary decrease in the release and

temporary suspension of the target base flow in order to complete this project. The release will be increased as required to resume meeting downstream target base flows starting at 7:00 am on Friday, February 15th, 2013. This scheduled increase may change, or be reduced, depending on river conditions. Releases are made for the authorized purposes of the Navajo Unit, and to attempt to maintain a target base flow through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell). This release is subject to changes in river flows and weather conditions.

The current San Juan River basin snowpack is 78% of average snow water equivalent (SWE). For the Animas River Basin it is 81%. Precipitation for the month of January in the San Juan River basin was about 130 percent of average. Unregulated inflow into Navajo Reservoir during the month of Janaury was 14,000 acre-feet, or 64 percent of average. Currently, the daily reservoir inflow is averaging about 200 cfs. Diversions for NIIP have currently been shut down for the winter. The reservoir water surface elevation is at 6023.58 feet, which corresponds to a storage content of about 946,000 acre-feet.

A public meeting on Navajo Reservoir operations was held Tuesday, January 15, 2013 at 1:00 PM at the Civic Center in Farmington, New Mexico (200 West Arrington Street). At this meeting, review of last summer and fall reservoir operations, and plans for this winter and spring 2013 operations were discussed. These meetings are open forum discussions on the operation of Navajo Reservoir with many interested groups participating. Anyone interested in the general operation of the reservoir is encouraged to attend. Please contact Ryan Christianson in Reclamation's Durango, Colorado Office at (970) 385-6590 for information about these meetings or the daily operation of Navajo Reservoir.

Glen Canyon Dam / Lake Powell

Current Status

The unregulated inflow volume to Lake Powell in January was 168 thousand acre-feet (kaf) (47% of average). The release volume from Glen Canyon Dam in January was 801 kaf. The end of January elevation and storage of Lake Powell were 3604.4 feet (95.6 feet from full pool) and 12.18 maf (50% of full capacity). The reservoir elevation will continue to decline through the winter months.

Current Operations

The operating tier for 2013 is the Upper Elevation Balancing Tier, as establish in August 2012 and pursuant to the Interim Guidelines. However, if hydrologic conditions and projections become wetter, it is possible that beginning in April, the Equalization tier will govern the operations of Lake Powell for the remainder of the water year. Based on analysis of a range of inflow scenarios, however, the current probability of realizing an inflow volume that would trigger Equalization in 2013 is less than 5 percent. As hydrologic conditions for Lake Powell and Lake Mead change throughout the year, Reclamation will adjust operations of Glen Canyon Dam to release the appropriate annual volume during 2013 to achieve the governing operating tier objectives as practicably as possible by September 30, 2013.

Releases from Glen Canyon Dam in February are currently averaging approximately 11,000 cfs with daily fluctuations between approximately 8,000cfs and 14,000cfs and consistent with the Glen Canyon Operating Criteria (Federal Register, Volume 62, No. 41, March 3, 1997). Releases in February are currently fluctuating between a nighttime low with a peak in the mid-morning and again in the evening. The scheduled release volume for February 2013 is 600 kaf.

In March, the release volume will likely be about 600 kaf, with fluctuations for hydropower of approximately 7,000 cfs in the nighttime and double peaking up to 13,000 cfs during the mid-morning and evening hours. In April, the release volume will likely be about 550 kaf with double-peaking fluctuations between approximately 6,500 cfs and 11,500 cfs.

In addition to daily scheduled fluctuations for power generation, the instantaneous releases from Glen Canyon Dam may also fluctuate to provide 40 MW of system regulation. These instantaneous release adjustments stabilize the electrical generation and transmission system and translate to a range of about 1,100 cfs above or below the hourly scheduled release rate. Typically, fluctuations for system regulation are very short lived and balance out over the hour and do not have noticeable impacts on downstream river flow conditions.

Releases from Glen Canyon Dam can also fluctuate beyond scheduled fluctuations for power generation when called upon as a partner that shares reserve requirements within the electrical generator community (i.e. balancing area). Reserves provide system reliability in the event of an unscheduled outage. Glen Canyon Dam typically maintains 43 MW of reserves (approximately 1,100 cfs). Reserve calls can be maintained for a maximum of 2 hours after which time the generation rate should be returned to the original schedule. If reserves from Glen Canyon Dam are called upon, releases from the dam can exceed scheduled levels and can have a noticeable impact on the river downstream from Glen Canyon Dam. Calls for reserves are fairly infrequent and typically are for much less than 43 MW.

Inflow Forecasts and Model Projections

The hydrologic forecast for Lake Powell for the April to July water supply season projects that the most probable (median) unregulated inflow volume will be 3.85 maf (54% of average based on the period 1981-2010). Based on this hydrologic outlook, the January 24-Month study projects the annual release volume for water year 2013 will be 8.23 maf and the end of water year reservoir elevation and storage for Lake Powell will be 3593.3 and 11.12 maf (46% capacity), respectively.

If hydrologic conditions and projections become significantly wetter, it is possible that beginning in April, the Equalization tier will govern the operations of Lake Powell for the remainder of the water year and the release volume for 2013 could be greater than 8.23 maf. However, based on analysis of a range of inflow scenarios, the current probability of realizing an inflow volume that would trigger Equalization in 2013 is less than 5 percent.

Upper Colorado River Basin Hydrology - Since water year 2005, the Upper Colorado River Basin has experienced significant year to year hydrologic variability. The unregulated inflow to Lake Powell, which is a good measure of hydrologic conditions in the Colorado River Basin, has averaged a water year volume of 10.22 maf (94% of average (period 1981-2010)) during the period from 2005 through 2012. The hydrologic variability during this period has been from a low water year unregulated inflow volume of 4.91 maf (45% of average) in water year 2012 to a high water year unregulated inflow volume of 15.97 maf (147% of average) in water year 2011. Based on observed inflows and current forecasts, water year 2013 unregulated inflow is expected to be 5.81 maf (54% of average).

Overall reservoir storage in the Colorado River Basin has increased by over 4 maf since the beginning of water year 2005 and this is an improvement over the persistent drought conditions during water years 2000 through 2004. From the beginning of water year 2005 to the beginning of water year 2013, the total reservoir storage in the Colorado River Basin increased from 29.8 maf (50% of capacity) to 33.9 maf (57 % of capacity). However, during this time, total Colorado Basin storage experienced year to year increases and decreases in response to wet and dry hydrology.

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-430
125 SOUTH STATE STREET, ROOM 6107
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-3709

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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:	Obs			jan	Forecast		Outlook		
:	oct	nov	dec	jan	%Avg	feb	mar	apr	apr-jul %Avg
GLDA3:Lake Powell	190	246	201	168	47%:	250/	400/	630/	3850/: 54%
GBRW4:Fontenelle	29	35	28	23	76%:	22/	41/	65/	495/: 68%
GRNU1:Flaming Gorge	24	39	26	24	60%:	32/	76/	100/	640/: 65%
BMDC2:Blue Mesa	20	18.8	17.7	15.9	65%:	16/	27/	61/	385/: 57%
MPSC2:Morrow Point	22	19.6	18.4	16.7	63%:	19/	31/	67/	415/: 56%
CLSC2:Crystal	24	23	22	20	64%:	22/	36/	79/	460/: 55%
TPIC2:Taylor Park	4.2	3.0	3.1	3.0	70%:	2.3/	2.6/	8/	61/: 62%
VCRC2:Vallecito	3.4	3.1	3.0	3.3	61%:	2.7/	3.9/	14/	150/: 78%
NVRN5:Navajo	3.4	9.1	11.9	14.1	64%:	20/	43/	100/	525/: 71%
LEMC2:Lemon	0.55	0.46	0.42	0.28	32%:	0.3/	0.7/	3/	40/: 73%
MPHC2:McPhee	1.63	1.71	1.60	2.3	51%:	2.5/	12.5/	52/	205/: 69%
RBSC2:Ridgway	4.5	3.8	3.6	2.4	60%:	3.1/	4.8/	8/	67/: 66%

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 2013 24-Month Study

Most Probable Inflow*

Fontenelle Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Feb 2012	30	0	69	0	69	6471.56	126
H	Mar 2012	64	0	67	0	67	6470.82	123
I	Apr 2012	98	1	60	0	60	6478.72	160
S	May 2012	130	1	61	0	62	6489.92	227
T	Jun 2012	189	2	83	16	99	6502.11	315
O	Jul 2012	92	3	72	3	75	6503.94	329
R	Aug 2012	36	2	68	0	68	6499.56	296
I	Sep 2012	23	2	46	8	54	6495.11	263
	WY 2012	**825**	**15**	**750**	**94**	**845**		
C	Oct 2012	29	1	25	28	53	6491.56	238
A	Nov 2012	35	1	22	28	51	6489.08	221
L	Dec 2012	28	1	52	0	52	6485.19	196
*	Jan 2013	23	1	53	0	53	6479.94	166
	Feb 2013	22	0	49	0	49	6474.44	139
	Mar 2013	41	0	52	0	52	6471.87	127
	Apr 2013	65	1	60	0	60	6472.96	132
	May 2013	100	1	61	0	61	6480.45	169
	Jun 2013	210	2	82	0	82	6499.53	295
	Jul 2013	120	3	68	0	68	6505.92	345
	Aug 2013	50	2	74	0	74	6502.61	319
	Sep 2013	40	2	67	0	67	6498.83	290
	WY 2013	**762**	**15**	**665**	**56**	**721**		
	Oct 2013	44	1	48	22	69	6495.27	264
	Nov 2013	40	1	67	0	67	6491.35	237
	Dec 2013	32	1	69	0	69	6485.52	199
	Jan 2014	30	1	69	0	69	6478.66	160
	Feb 2014	28	0	62	0	62	6471.23	124
	Mar 2014	53	0	69	0	69	6467.15	107
	Apr 2014	85	1	74	0	74	6469.71	118
	May 2014	164	1	99	6	105	6481.62	176
	Jun 2014	299	2	102	76	179	6499.40	294
	Jul 2014	178	3	101	28	129	6505.30	340
	Aug 2014	77	2	80	0	80	6504.58	334
	Sep 2014	46	2	36	41	77	6500.28	301
	WY 2014	**1076**	**15**	**877**	**173**	**1050**		
	Oct 2014	49	1	71	0	71	6497.14	278
	Nov 2014	42	1	68	0	68	6493.34	251
	Dec 2014	32	1	71	0	71	6487.42	211
	Jan 2015	30	1	71	0	71	6480.62	170

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2139

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 2013 24-Month Study

Most Probable Inflow*

Flaming Gorge Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	Feb 2012	47	86	2	140	0	140	132	6028.43	3289	186
H	Mar 2012	104	107	3	162	0	162	130	6026.95	3233	286
I	Apr 2012	136	98	5	122	0	122	129	6026.21	3205	331
S	May 2012	153	85	8	159	19	178	125	6023.57	3108	385
T	Jun 2012	188	98	10	87	0	87	125	6023.59	3108	154
O	Jul 2012	93	76	12	84	0	84	124	6023.04	3088	99
R	Aug 2012	29	60	12	80	0	80	123	6022.19	3058	90
I	Sep 2012	19	50	10	68	0	68	122	6021.43	3030	79
	WY 2012	**990**	**1010**	**78**	**1366**	**20**	**1386**				**2278**
C	Oct 2012	24	48	7	52	0	52	122	6021.15	3020	71
A	Nov 2012	39	55	3	49	0	49	122	6021.23	3023	75
L	Dec 2012	25	50	2	70	0	70	121	6020.63	3002	110
*	Jan 2013	24	53	2	74	0	74	120	6020.03	2981	398
	Feb 2013	32	59	2	66	0	66	120	6019.77	2971	66
	Mar 2013	76	87	3	50	0	50	121	6020.71	3005	50
	Apr 2013	100	95	5	48	0	48	123	6021.85	3045	48
	May 2013	145	106	7	95	0	95	123	6021.95	3049	95
	Jun 2013	255	127	10	114	0	114	123	6022.04	3052	114
	Jul 2013	140	88	13	62	0	62	123	6022.37	3064	62
	Aug 2013	56	80	12	62	0	62	123	6022.52	3069	62
	Sep 2013	42	69	11	60	0	60	123	6022.46	3068	60
	WY 2013	**958**	**917**	**76**	**802**	**0**	**802**				**1211**
	Oct 2013	50	74	7	62	0	62	124	6022.60	3072	62
	Nov 2013	47	74	3	60	0	60	124	6022.86	3082	60
	Dec 2013	35	72	2	62	0	62	124	6023.07	3090	62
	Jan 2014	40	79	2	62	0	62	125	6023.47	3104	62
	Feb 2014	45	79	2	56	0	56	126	6024.02	3124	56
	Mar 2014	102	119	3	62	0	62	128	6025.42	3176	62
	Apr 2014	134	122	5	60	0	60	130	6026.89	3231	60
	May 2014	245	186	8	113	0	113	132	6028.56	3294	113
	Jun 2014	390	269	10	225	0	225	134	6029.41	3326	225
	Jul 2014	210	162	14	106	0	106	135	6030.46	3367	106
	Aug 2014	89	92	13	106	0	106	134	6029.80	3341	106
	Sep 2014	55	87	11	102	0	102	133	6029.12	3315	102
	WY 2014	**1441**	**1415**	**79**	**1078**	**0**	**1078**				**1078**
	Oct 2014	59	81	7	106	0	106	132	6028.31	3284	106
	Nov 2014	51	77	3	102	0	102	131	6027.59	3257	102
	Dec 2014	35	74	2	106	0	106	130	6026.72	3224	106
	Jan 2015	40	81	2	106	0	106	129	6026.03	3198	106

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 2013 24-Month Study

Most Probable Inflow*

Taylor Park Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Feb 2012	4	4	9307.22	66
H	Mar 2012	6	5	9308.28	67
I	Apr 2012	10	4	9311.81	73
S	May 2012	15	8	9316.40	81
T	Jun 2012	9	15	9312.87	75
O	Jul 2012	6	14	9307.53	66
R	Aug 2012	4	12	9302.28	58
I	Sep 2012	4	6	9300.80	56
	WY 2012	**80**	**95**		
C	Oct 2012	4	4	9301.04	57
A	Nov 2012	3	3	9301.07	57
L	Dec 2012	3	3	9301.09	57
*	Jan 2013	3	3	9301.07	57
	Feb 2013	2	5	9299.46	54
	Mar 2013	3	5	9298.03	53
	Apr 2013	8	5	9300.63	56
	May 2013	18	8	9307.52	66
	Jun 2013	25	15	9313.75	76
	Jul 2013	10	18	9308.81	68
	Aug 2013	6	18	9300.63	56
	Sep 2013	5	16	9291.77	45
	WY 2013	**90**	**101**		
	Oct 2013	5	10	9287.33	40
	Nov 2013	5	5	9287.35	40
	Dec 2013	5	5	9287.52	40
	Jan 2014	4	5	9287.37	40
	Feb 2014	4	5	9286.70	39
	Mar 2014	4	5	9286.64	39
	Apr 2014	9	5	9290.60	43
	May 2014	28	8	9306.03	64
	Jun 2014	42	18	9320.29	87
	Jul 2014	20	18	9321.46	90
	Aug 2014	10	18	9317.19	82
	Sep 2014	7	16	9312.10	73
	WY 2014	**143**	**115**		
	Oct 2014	7	12	9308.76	68
	Nov 2014	5	6	9308.19	67
	Dec 2014	5	6	9307.33	66
	Jan 2015	4	6	9306.25	64

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 2013 24-Month Study

Most Probable Inflow*

Blue Mesa Reservoir

	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Feb 2012	21	22	0	34	0	34	7483.66	533
H	Mar 2012	40	39	0	32	0	32	7484.49	539
I	Apr 2012	57	51	1	58	0	58	7483.54	532
S	May 2012	74	66	1	71	0	71	7482.82	527
T	Jun 2012	45	50	1	93	0	93	7476.82	483
O	Jul 2012	30	39	1	90	0	90	7469.29	431
R	Aug 2012	28	36	1	79	0	79	7462.48	387
I	Sep 2012	19	21	1	67	0	67	7454.82	340
	WY 2012	**427**	**442**	**7**	**793**	**0**	**793**		
C	Oct 2012	20	20	0	33	0	33	7452.55	327
A	Nov 2012	19	19	0	19	0	19	7452.39	326
L	Dec 2012	18	18	0	16	0	16	7452.65	328
*	Jan 2013	16	16	0	15	0	15	7452.77	328
	Feb 2013	16	18	0	22	0	22	7452.08	324
	Mar 2013	27	29	0	18	0	18	7454.00	335
	Apr 2013	61	58	1	33	0	33	7458.04	359
	May 2013	132	122	1	55	0	55	7468.46	425
	Jun 2013	140	130	1	61	0	61	7478.24	493
	Jul 2013	52	60	1	98	0	98	7472.67	454
	Aug 2013	35	47	1	95	0	95	7465.37	405
	Sep 2013	27	38	1	78	0	78	7458.92	365
	WY 2013	**563**	**574**	**7**	**543**	**0**	**543**		
	Oct 2013	31	36	0	44	0	44	7457.57	356
	Nov 2013	28	28	0	14	0	14	7459.86	370
	Dec 2013	26	25	0	14	0	14	7461.68	382
	Jan 2014	24	24	0	15	0	15	7463.16	391
	Feb 2014	22	23	0	13	0	13	7464.71	401
	Mar 2014	36	36	0	16	0	16	7467.73	421
	Apr 2014	77	73	1	27	0	27	7474.37	466
	May 2014	221	201	1	118	0	118	7485.61	548
	Jun 2014	261	237	1	36	0	36	7510.20	748
	Jul 2014	117	115	2	81	0	81	7513.86	780
	Aug 2014	63	71	1	121	0	121	7508.02	729
	Sep 2014	38	47	1	112	0	112	7500.13	662
	WY 2014	**945**	**916**	**8**	**611**	**0**	**611**		
	Oct 2014	38	44	1	58	0	58	7498.31	647
	Nov 2014	31	32	0	29	0	29	7498.65	650
	Dec 2014	26	27	0	96	0	96	7490.00	581
	Jan 2015	24	26	0	67	0	67	7484.61	540

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 2013 24-Month Study

Most Probable Inflow*

Morrow Point Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Feb 2012	22	34	1	35	35	0	35	7155.27	113
H	Mar 2012	43	32	2	35	34	0	34	7156.25	114
I	Apr 2012	63	58	6	64	63	0	63	7157.05	115
S	May 2012	80	71	6	76	79	0	79	7154.07	112
T	Jun 2012	45	93	1	93	93	0	93	7154.59	113
O	Jul 2012	31	90	0	90	89	0	89	7155.86	114
R	Aug 2012	28	79	0	80	80	0	80	7154.84	113
I	Sep 2012	19	67	0	68	71	0	71	7150.03	109
	WY 2012	**447**	**793**	**21**	**814**	**811**	**0**	**811**		
C	Oct 2012	22	33	1	34	40	0	40	7142.80	104
A	Nov 2012	20	19	1	20	16	0	16	7148.49	108
L	Dec 2012	18	16	1	17	18	0	18	7146.50	106
*	Jan 2013	17	15	1	16	17	0	17	7144.75	105
	Feb 2013	19	22	3	25	18	0	18	7153.73	112
	Mar 2013	31	18	4	22	22	0	22	7153.73	112
	Apr 2013	67	33	6	39	39	0	39	7153.73	112
	May 2013	144	55	12	67	67	0	67	7153.73	112
	Jun 2013	150	61	10	71	71	0	71	7153.73	112
	Jul 2013	54	98	2	100	100	0	100	7153.73	112
	Aug 2013	38	95	3	98	98	0	98	7153.73	112
	Sep 2013	30	78	3	81	81	0	81	7153.73	112
	WY 2013	**609**	**543**	**46**	**589**	**586**	**0**	**586**		
	Oct 2013	34	44	3	46	46	0	46	7153.73	112
	Nov 2013	30	14	2	16	16	0	16	7153.73	112
	Dec 2013	28	14	2	16	16	0	16	7153.73	112
	Jan 2014	27	15	2	17	17	0	17	7153.73	112
	Feb 2014	25	13	3	16	16	0	16	7153.73	112
	Mar 2014	40	16	4	20	20	0	20	7153.73	112
	Apr 2014	88	27	11	38	38	0	38	7153.73	112
	May 2014	247	118	26	144	144	0	144	7153.73	112
	Jun 2014	281	36	20	56	56	0	56	7153.73	112
	Jul 2014	123	81	6	87	87	0	87	7153.73	112
	Aug 2014	67	121	3	124	124	0	124	7153.73	112
	Sep 2014	41	112	3	115	115	0	115	7153.73	112
	WY 2014	**1030**	**611**	**85**	**696**	**696**	**0**	**696**		
	Oct 2014	41	58	3	61	61	0	61	7153.73	112
	Nov 2014	33	29	2	31	31	0	31	7153.73	112
	Dec 2014	28	96	2	98	98	0	98	7153.73	112
	Jan 2015	27	67	2	69	69	0	69	7153.73	112

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Managing Water in the West

February 2013 24-Month Study

Most Probable Inflow*

Crystal Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
*	Feb 2012	26	35	3	38	15	23	38	6751.90	17	1	38
H	Mar 2012	49	34	6	40	40	0	40	6751.80	17	6	35
I	Apr 2012	71	63	8	71	71	0	71	6752.10	17	50	23
S	May 2012	86	79	6	84	86	0	86	6745.87	15	65	24
T	Jun 2012	49	93	3	96	97	0	97	6744.24	14	63	37
O	Jul 2012	35	89	4	93	93	0	93	6745.39	15	62	36
R	Aug 2012	32	80	3	84	84	0	84	6743.63	14	52	38
I	Sep 2012	22	71	2	74	63	11	74	6743.29	14	45	33
	WY 2012	**498**	**811**	**51**	**862**	**824**	**38**	**862**			**397**	**497**
C	Oct 2012	24	40	3	42	40	0	40	6750.72	16	20	20
A	Nov 2012	23	16	4	19	21	0	21	6746.77	15	1	19
L	Dec 2012	22	18	4	22	22	0	22	6749.11	16	1	20
*	Jan 2013	20	17	4	21	19	2	21	6747.09	15	0	20
	Feb 2013	22	18	3	21	19	0	19	6753.04	17	0	19
	Mar 2013	36	22	5	27	27	0	27	6753.04	17	5	21
	Apr 2013	79	39	12	51	51	0	51	6753.04	17	30	21
	May 2013	165	67	21	88	88	0	88	6753.04	17	55	33
	Jun 2013	160	71	10	81	81	0	81	6753.04	17	60	21
	Jul 2013	56	100	2	102	102	0	102	6753.04	17	65	37
	Aug 2013	42	98	4	102	102	0	102	6753.04	17	65	37
	Sep 2013	34	81	4	85	85	0	85	6753.04	17	55	30
	WY 2013	**684**	**586**	**75**	**661**	**656**	**2**	**659**			**357**	**300**
	Oct 2013	38	46	5	51	51	0	51	6753.04	17	30	21
	Nov 2013	35	16	4	21	21	0	21	6753.04	17	0	21
	Dec 2013	32	16	5	21	21	0	21	6753.04	17	0	21
	Jan 2014	31	17	5	22	22	0	22	6753.04	17	0	22
	Feb 2014	29	16	4	19	19	0	19	6753.04	17	0	19
	Mar 2014	46	20	6	26	26	0	26	6753.04	17	5	21
	Apr 2014	101	38	12	51	51	0	51	6753.04	17	30	21
	May 2014	281	144	34	178	134	44	178	6753.04	17	55	123
	Jun 2014	315	56	34	90	90	0	90	6753.04	17	60	30
	Jul 2014	138	87	14	102	102	0	102	6753.04	17	65	37
	Aug 2014	75	124	8	133	133	0	133	6753.04	17	65	68
	Sep 2014	47	115	6	121	121	0	121	6753.04	17	55	66
	WY 2014	**1168**	**696**	**138**	**834**	**790**	**44**	**834**			**365**	**469**
	Oct 2014	47	61	6	67	67	0	67	6753.04	17	30	37
	Nov 2014	38	31	5	36	36	0	36	6753.04	17	0	36
	Dec 2014	32	98	5	102	102	0	102	6753.04	17	0	102
	Jan 2015	31	69	5	74	74	0	74	6753.04	17	0	74

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Managing Water in the West

February 2013 24-Month Study

Most Probable Inflow*

Vallecito Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Feb 2012	4	4	7645.50	76
H	Mar 2012	12	4	7648.84	84
I	Apr 2012	36	3	7661.80	117
S	May 2012	42	35	7664.36	124
T	Jun 2012	17	36	7656.80	104
O	Jul 2012	11	35	7647.02	80
R	Aug 2012	7	33	7634.93	54
I	Sep 2012	4	22	7624.48	36
	WY 2012	**168**	**188**		
C	Oct 2012	3	3	7624.51	36
A	Nov 2012	3	1	7625.69	37
L	Dec 2012	3	0	7627.33	40
*	Jan 2013	3	0	7629.10	43
	Feb 2013	3	0	7630.43	46
	Mar 2013	4	0	7632.33	49
	Apr 2013	14	0	7639.12	62
	May 2013	57	27	7652.03	92
	Jun 2013	57	41	7658.24	108
	Jul 2013	22	38	7651.47	91
	Aug 2013	16	34	7643.64	72
	Sep 2013	14	24	7638.68	62
	WY 2013	**199**	**170**		
	Oct 2013	14	12	7639.52	63
	Nov 2013	8	3	7642.04	69
	Dec 2013	6	3	7643.63	72
	Jan 2014	5	3	7644.79	75
	Feb 2014	5	2	7645.78	77
	Mar 2014	9	3	7648.07	82
	Apr 2014	23	3	7656.25	102
	May 2014	71	48	7664.88	125
	Jun 2014	70	70	7664.84	125
	Jul 2014	29	42	7659.90	112
	Aug 2014	20	38	7652.62	93
	Sep 2014	17	30	7647.41	81
	WY 2014	**278**	**255**		
	Oct 2014	16	18	7646.30	78
	Nov 2014	9	8	7646.73	79
	Dec 2014	6	6	7646.73	79
	Jan 2015	5	5	7646.69	79

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 2013 24-Month Study

Most Probable Inflow*

Navajo Reservoir

	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azetea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Farmington Flow (1000 Ac-Ft)
*	Feb 2012	19	0	18	1	1	28	6054.95	1285	44
H	Mar 2012	74	7	61	2	6	31	6056.81	1308	70
I	Apr 2012	149	18	98	2	27	30	6059.88	1346	97
S	May 2012	131	17	105	4	34	110	6056.40	1303	177
T	Jun 2012	20	4	35	4	46	42	6051.70	1246	57
O	Jul 2012	10	1	33	4	44	52	6045.91	1178	60
R	Aug 2012	0	0	26	3	45	55	6038.86	1101	47
I	Sep 2012	-2	0	17	2	22	58	6032.62	1035	56
	WY 2012	**523**	**53**	**490**	**26**	**236**	**521**			**814**
C	Oct 2012	3	0	3	1	11	40	6027.78	986	43
A	Nov 2012	9	0	7	1	0	23	6026.11	970	32
L	Dec 2012	12	0	9	0	0	22	6024.73	957	30
*	Jan 2013	14	0	11	0	0	20	6023.77	947	
	Feb 2013	20	0	18	1	0	23	6023.17	942	23
	Mar 2013	43	1	38	1	2	32	6023.53	945	32
	Apr 2013	100	13	73	2	18	21	6026.90	978	21
	May 2013	205	30	145	3	32	22	6035.63	1066	22
	Jun 2013	165	23	125	4	48	21	6040.62	1120	21
	Jul 2013	55	3	68	4	53	29	6039.04	1102	29
	Aug 2013	40	0	58	3	45	38	6036.37	1074	38
	Sep 2013	36	0	46	2	26	32	6035.10	1061	32
	WY 2013	**703**	**71**	**603**	**22**	**234**	**321**			**321**
	Oct 2013	42	0	39	1	7	29	6035.32	1063	29
	Nov 2013	32	0	26	1	0	23	6035.51	1065	23
	Dec 2013	25	0	21	1	0	28	6034.86	1058	28
	Jan 2014	22	0	19	1	0	28	6033.98	1049	28
	Feb 2014	30	0	28	1	0	25	6034.16	1051	25
	Mar 2014	92	2	84	1	2	24	6039.54	1108	24
	Apr 2014	170	14	136	2	18	21	6048.09	1203	21
	May 2014	277	37	217	3	33	40	6059.75	1345	40
	Jun 2014	224	32	191	4	48	86	6063.81	1397	86
	Jul 2014	66	6	72	5	53	22	6063.26	1390	22
	Aug 2014	45	2	61	4	46	27	6062.09	1375	27
	Sep 2014	43	0	55	3	26	27	6062.05	1374	27
	WY 2014	**1068**	**94**	**951**	**26**	**232**	**380**			**380**
	Oct 2014	47	1	48	2	7	31	6062.72	1383	31
	Nov 2014	34	1	32	1	0	30	6062.79	1384	30
	Dec 2014	25	0	25	1	0	31	6062.29	1377	31
	Jan 2015	22	0	22	1	0	22	6062.27	1377	22

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 2013 24-Month Study

Most Probable Inflow*

Lake Powell

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry (1000 Ac-Ft)
*	Feb 2012	342	460	11	653	0	653	3635.28	5290	15453	654
H	Mar 2012	560	625	19	600	0	600	3635.33	5290	15458	607
I	Apr 2012	764	689	29	606	0	606	3635.76	5294	15508	612
S	May 2012	792	770	35	601	0	601	3636.83	5304	15632	606
T	Jun 2012	353	398	54	709	0	709	3633.90	5277	15294	712
O	Jul 2012	154	285	62	886	0	886	3628.45	5228	14680	892
R	Aug 2012	101	289	60	800	0	800	3623.62	5186	14151	810
I	Sep 2012	104	296	54	481	0	481	3621.56	5168	13929	478
	WY 2012	**4908**	**5964**	**455**	**9466**	**0**	**9466**				**9527**
C	Oct 2012	190	294	37	498	0	498	3619.46	5150	13706	495
A	Nov 2012	246	273	35	652	78	730	3615.10	5114	13251	736
L	Dec 2012	201	247	27	801	0	801	3609.82	5071	12713	800
*	Jan 2013	168	230	8	801	0	801	3604.42	5028	12177	801
	Feb 2013	250	284	9	600	0	600	3601.32	5004	11877	600
	Mar 2013	400	356	14	600	0	600	3598.82	4985	11638	600
	Apr 2013	630	501	23	550	0	550	3598.12	4979	11572	550
	May 2013	1200	952	27	600	0	600	3601.28	5004	11873	600
	Jun 2013	1500	1207	43	800	0	800	3604.76	5030	12210	800
	Jul 2013	520	518	51	850	0	850	3601.10	5002	11855	850
	Aug 2013	250	360	50	800	0	800	3596.31	4966	11401	800
	Sep 2013	250	341	45	600	0	600	3593.28	4943	11120	600
	WY 2013	**5805**	**5564**	**368**	**8152**	**78**	**8230**				**8232**
	Oct 2013	380	400	31	600	0	600	3590.94	4926	10906	600
	Nov 2013	412	403	29	600	0	600	3588.62	4909	10696	600
	Dec 2013	363	381	23	800	0	800	3584.02	4877	10287	800
	Jan 2014	361	380	7	800	0	800	3579.44	4845	9892	800
	Feb 2014	393	391	7	600	0	600	3577.08	4829	9692	600
	Mar 2014	665	542	12	600	0	600	3576.31	4824	9626	600
	Apr 2014	1056	814	19	600	0	600	3578.45	4838	9807	600
	May 2014	2343	1940	24	600	0	600	3592.25	4936	11025	600
	Jun 2014	2666	2219	42	650	0	650	3607.08	5049	12439	650
	Jul 2014	1091	966	53	850	0	850	3607.67	5053	12498	850
	Aug 2014	500	604	52	900	0	900	3604.40	5028	12175	900
	Sep 2014	408	539	48	630	0	630	3603.09	5017	12047	630
	WY 2014	**10637**	**9578**	**346**	**8230**	**0**	**8230**				**8230**
	Oct 2014	512	571	33	600	0	600	3602.50	5013	11990	600
	Nov 2014	473	519	32	600	0	600	3601.42	5005	11886	600
	Dec 2014	363	509	25	800	0	800	3598.35	4981	11593	800
	Jan 2015	361	469	8	800	0	800	3595.01	4956	11280	800

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 2013 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Glen Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Feb 2012	653	44	34	775	13.5	10	775	969	1133.06	14907
H	Mar 2012	600	43	38	986	16.0	16	985	945	1129.41	14535
I	Apr 2012	606	46	46	1170	19.7	20	1163	909	1123.93	13986
S	May 2012	601	16	52	1008	16.4	30	1007	880	1119.38	13541
T	Jun 2012	709	7	62	989	16.6	28	989	858	1115.84	13200
O	Jul 2012	886	69	77	841	13.7	29	819	858	1115.92	13207
R	Aug 2012	800	169	82	798	13.0	24	793	862	1116.56	13269
I	Sep 2012	481	97	67	635	10.7	18	634	854	1115.16	13135
	WY 2012	**9466**	**732**	**638**	**9421**		**226**	**9356**			
C	Oct 2012	498	53	49	346	5.6	20	331	862	1116.50	13263
A	Nov 2012	730	60	49	650	10.9	14	649	867	1117.24	13334
L	Dec 2012	801	50	43	476	7.7	11	432	886	1120.36	13636
*	Jan 2013	801	56	35	609	9.9	8	591	899	1122.32	13828
	Feb 2013	600	98	32	627	11.3	18	627	900	1122.52	13847
	Mar 2013	600	78	36	990	16.1	22	990	878	1118.96	13500
	Apr 2013	550	76	44	1137	19.1	14	1137	843	1113.38	12965
	May 2013	600	64	50	1029	16.7	24	1029	816	1108.99	12553
	Jun 2013	800	33	59	943	15.8	23	943	804	1107.05	12374
	Jul 2013	850	54	73	930	15.1	28	930	796	1105.74	12254
	Aug 2013	800	103	78	860	14.0	23	860	793	1105.14	12199
	Sep 2013	600	74	64	689	11.6	19	689	787	1104.14	12108
	WY 2013	**8230**	**799**	**612**	**9286**		**225**	**9207**			
	Oct 2013	600	49	46	505	8.2	17	505	792	1104.97	12183
	Nov 2013	600	46	46	592	9.9	24	592	791	1104.80	12168
	Dec 2013	800	108	40	518	8.4	19	518	811	1108.19	12479
	Jan 2014	800	78	33	697	11.3	16	697	819	1109.52	12603
	Feb 2014	600	98	31	674	12.1	18	674	818	1109.28	12580
	Mar 2014	600	78	34	1015	16.5	21	1015	794	1105.28	12212
	Apr 2014	600	76	42	1104	18.6	14	1104	764	1100.25	11758
	May 2014	600	64	47	1001	16.3	24	1001	739	1095.93	11375
	Jun 2014	650	33	56	930	15.6	22	930	720	1092.45	11070
	Jul 2014	850	54	69	863	14.0	28	863	716	1091.84	11017
	Aug 2014	900	103	74	826	13.4	23	826	721	1092.70	11092
	Sep 2014	630	74	61	623	10.5	19	623	721	1092.73	11094
	WY 2014	**8230**	**861**	**580**	**9347**		**245**	**9347**			
	Oct 2014	600	49	44	452	7.4	17	452	729	1094.18	11221
	Nov 2014	600	46	45	590	9.9	23	590	729	1094.04	11209
	Dec 2014	800	108	39	484	7.9	18	484	751	1097.96	11554
	Jan 2015	800	78	32	711	11.6	16	711	758	1099.22	11666

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 2013 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Feb 2012	775	-18	10	726	0	726	12.6	641.20	1650
H	Mar 2012	986	-23	13	931	0	931	15.1	641.93	1670
I	Apr 2012	1170	-24	17	1091	0	1091	18.3	643.35	1708
S	May 2012	1008	-14	22	980	0	980	15.9	643.06	1700
T	Jun 2012	989	-19	25	952	0	952	16.0	642.80	1693
O	Jul 2012	841	-9	25	805	0	805	13.1	642.89	1696
R	Aug 2012	798	-11	23	744	0	744	12.1	643.63	1716
I	Sep 2012	635	-5	18	723	0	723	12.1	639.55	1605
	WY 2012	**9421**	**-177**	**197**	**9051**	**0**	**9051**			
C	Oct 2012	346	-3	14	556	0	556	9.0	630.75	1377
A	Nov 2012	650	-11	10	499	0	499	8.4	635.82	1507
L	Dec 2012	476	-6	9	395	0	395	6.4	638.30	1572
*	Jan 2013	609	-11	10	510	0	510	8.3	641.20	1650
	Feb 2013	627	-6	10	590	0	590	10.6	642.00	1671
	Mar 2013	990	-14	13	949	0	949	15.4	642.50	1685
	Apr 2013	1137	-14	17	1093	0	1093	18.4	643.00	1699
	May 2013	1029	-14	22	992	0	992	16.1	643.00	1699
	Jun 2013	943	-10	25	934	0	934	15.7	642.00	1671
	Jul 2013	930	-4	25	914	0	914	14.9	641.50	1658
	Aug 2013	860	-7	23	830	0	830	13.5	641.50	1658
	Sep 2013	689	0	18	764	0	764	12.8	638.00	1564
	WY 2013	**9286**	**-103**	**196**	**9027**	**0**	**9027**			
	Oct 2013	505	0	15	621	0	621	10.1	633.00	1434
	Nov 2013	592	-15	10	515	0	515	8.7	635.00	1486
	Dec 2013	518	-19	9	392	0	392	6.4	638.71	1583
	Jan 2014	697	-13	10	591	0	591	9.6	641.80	1666
	Feb 2014	674	-6	10	658	0	658	11.8	641.80	1666
	Mar 2014	1015	-14	13	953	0	953	15.5	643.05	1700
	Apr 2014	1104	-14	17	1075	0	1075	18.1	643.00	1699
	May 2014	1001	-14	22	964	0	964	15.7	643.00	1699
	Jun 2014	930	-10	25	921	0	921	15.5	642.00	1671
	Jul 2014	863	-4	25	847	0	847	13.8	641.50	1658
	Aug 2014	826	-7	23	796	0	796	12.9	641.50	1658
	Sep 2014	623	0	18	698	0	698	11.7	638.00	1564
	WY 2014	**9347**	**-118**	**197**	**9032**	**0**	**9032**			
	Oct 2014	452	0	15	568	0	568	9.2	633.00	1434
	Nov 2014	590	-15	10	514	0	514	8.6	635.00	1486
	Dec 2014	484	-19	9	358	0	358	5.8	638.71	1583
	Jan 2015	711	-13	10	605	0	605	9.8	641.80	1666

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 2013 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	Feb 2012	726	11	8	497	8.6	49	169	447.10	563	159	2.8
H	Mar 2012	931	8	9	711	11.6	21	187	447.23	565	187	3.0
I	Apr 2012	1091	24	11	785	13.2	97	180	449.13	602	183	3.1
S	May 2012	980	26	13	709	11.5	100	179	448.81	596	99	1.6
T	Jun 2012	952	10	15	719	12.1	97	130	448.23	584	103	1.7
O	Jul 2012	805	46	17	675	11.0	101	34	448.91	598	124	2.0
R	Aug 2012	744	26	17	568	9.2	100	85	448.38	587	97	1.6
I	Sep 2012	723	31	15	548	9.2	74	137	446.98	561	90	1.5
	WY 2012	**9051**	**289**	**140**	**6652**		**723**	**1763**			**1435**	
C	Oct 2012	556	34	12	482	7.8	14	32	449.31	606	70	1.1
A	Nov 2012	499	27	9	348	5.9	14	174	448.06	581	88	1.5
L	Dec 2012	395	21	7	289	4.7	15	132	446.41	550	132	2.2
*	Jan 2013	510	19	6	352	5.7	57	80	448.01	580	144	2.3
	Feb 2013	590	7	8	424	7.6	7	155	447.80	576	156	2.8
	Mar 2013	949	18	9	683	11.1	90	183	447.50	571	201	3.3
	Apr 2013	1093	19	11	793	13.3	100	177	448.70	593	212	3.6
	May 2013	992	18	13	702	11.4	99	184	448.70	593	111	1.8
	Jun 2013	934	15	16	693	11.6	96	131	448.70	593	109	1.8
	Jul 2013	914	21	17	728	11.8	99	91	448.00	580	111	1.8
	Aug 2013	830	22	17	644	10.5	99	89	447.50	571	105	1.7
	Sep 2013	764	20	15	556	9.3	96	122	446.81	557	102	1.7
	WY 2013	**9027**	**241**	**140**	**6693**		**787**	**1550**			**1540**	
	Oct 2013	621	23	12	449	7.3	47	138	446.31	548	65	1.1
	Nov 2013	515	32	8	371	6.2	47	111	446.50	552	99	1.7
	Dec 2013	392	26	6	273	4.4	48	85	446.50	552	105	1.7
	Jan 2014	591	15	6	330	5.4	89	176	446.50	552	125	2.0
	Feb 2014	658	7	8	444	8.0	79	127	446.50	552	156	2.8
	Mar 2014	953	18	9	686	11.2	89	175	446.70	555	201	3.3
	Apr 2014	1075	19	11	782	13.1	86	169	448.70	593	212	3.6
	May 2014	964	18	13	695	11.3	89	173	448.70	593	111	1.8
	Jun 2014	921	15	16	685	11.5	86	137	448.70	593	109	1.8
	Jul 2014	847	21	17	724	11.8	89	38	448.00	580	111	1.8
	Aug 2014	796	22	17	640	10.4	89	70	447.50	571	105	1.7
	Sep 2014	698	20	15	545	9.2	60	101	446.81	557	102	1.7
	WY 2014	**9032**	**237**	**139**	**6624**		**898**	**1502**			**1500**	
	Oct 2014	568	23	12	443	7.2	15	124	446.31	548	65	1.1
	Nov 2014	514	32	8	365	6.1	15	147	446.50	552	99	1.7
	Dec 2014	358	26	6	266	4.3	15	92	446.50	552	105	1.7
	Jan 2015	605	15	6	344	5.6	89	176	446.50	552	125	2.0

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 2013 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Feb 2012	775	13.5	1133.06	14907	-115	484.32	1282.0	338.6	68	436.7
H	Mar 2012	986	16.0	1129.41	14535	-372	481.45	1047.0	427.4	56	433.4
I	Apr 2012	1170	19.7	1123.93	13986	-548	475.07	1164.0	505.3	62	432.0
S	May 2012	1008	16.4	1119.38	13541	-445	471.90	1050.0	429.0	56	425.4
T	Jun 2012	989	16.6	1115.84	13200	-341	470.21	1829.0	414.2	100	418.8
O	Jul 2012	841	13.7	1115.92	13207	8	471.23	1374.0	349.7	76	415.6
R	Aug 2012	798	13.0	1116.56	13269	61	471.53	1809.0	331.4	100	415.2
I	Sep 2012	635	10.7	1115.16	13135	-134	473.98	1809.0	261.9	100	412.2
	WY 2012	**9421**							**3985.6**		
C	Oct 2012	346	5.6	1116.50	13263	128	476.50	1051.0	141.3	58	409.0
A	Nov 2012	650	10.9	1117.24	13334	71	473.22	1051.0	276.3	58	424.7
L	Dec 2012	476	7.7	1120.36	13636	302	475.06	1520.0	198.5	84	417.3
*	Jan 2013	609	9.9	1122.32	13828	192	474.10	1062.0	259.8	59	426.6
	Feb 2013	627	11.3	1122.52	13847	19	474.08	1072.0	266.8	59	425.5
	Mar 2013	990	16.1	1118.96	13500	-347	470.58	1299.0	420.6	72	425.0
	Apr 2013	1137	19.1	1113.38	12965	-535	467.66	958.0	507.8	54	446.6
	May 2013	1029	16.7	1108.99	12553	-412	461.74	1072.0	439.0	61	426.7
	Jun 2013	943	15.8	1107.05	12374	-180	454.65	1746.0	386.4	100	409.9
	Jul 2013	930	15.1	1105.74	12254	-120	453.52	1736.0	378.1	100	406.4
	Aug 2013	860	14.0	1105.14	12199	-55	452.74	1735.0	353.1	100	410.6
	Sep 2013	689	11.6	1104.14	12108	-92	453.08	1730.0	276.6	100	401.3
	WY 2013	**9286**							**3904.4**		
	Oct 2013	505	8.2	1104.97	12183	76	457.46	1361.0	205.9	79	407.4
	Nov 2013	592	9.9	1104.80	12168	-15	459.34	1374.0	240.9	79	407.1
	Dec 2013	518	8.4	1108.19	12479	311	459.11	1383.0	212.2	79	409.7
	Jan 2014	697	11.3	1109.52	12603	124	460.31	1217.0	286.8	69	411.5
	Feb 2014	674	12.1	1109.28	12580	-22	457.90	1529.0	275.8	87	409.5
	Mar 2014	1015	16.5	1105.28	12212	-369	455.42	1502.0	414.8	87	408.8
	Apr 2014	1104	18.6	1100.25	11758	-454	451.09	1390.0	457.1	82	414.0
	May 2014	1001	16.3	1095.93	11375	-383	445.18	1569.0	397.8	93	397.6
	Jun 2014	930	15.6	1092.45	11070	-305	440.92	1661.0	369.7	100	397.7
	Jul 2014	863	14.0	1091.84	11017	-53	439.38	1661.0	344.8	100	399.6
	Aug 2014	826	13.4	1092.70	11092	75	439.67	1661.0	328.7	100	397.9
	Sep 2014	623	10.5	1092.73	11094	2	441.24	1661.0	244.8	100	393.1
	WY 2014	**9347**							**3779.3**		
	Oct 2014	452	7.4	1094.18	11221	127	446.42	1304.4	178.1	79	393.7
	Nov 2014	590	9.9	1094.04	11209	-12	448.63	1317.7	235.4	79	398.8
	Dec 2014	484	7.9	1097.96	11554	344	448.68	1311.9	193.0	79	398.8
	Jan 2015	711	11.6	1099.22	11666	112	450.10	1149.8	287.5	69	404.6

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 2013 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Feb 2012	726	12.6	641.20	1650	22	140.80	163.2	90.8	64	125.1
H	Mar 2012	931	15.1	641.93	1670	20	140.23	204.0	117.4	80	126.2
I	Apr 2012	1091	18.3	643.35	1708	39	142.08	249.9	147.4	98	135.2
S	May 2012	980	15.9	643.06	1700	-8	141.39	252.5	128.9	99	131.5
T	Jun 2012	952	16.0	642.80	1693	-7	140.12	255.0	122.6	100	128.8
O	Jul 2012	805	13.1	642.89	1696	2	143.36	255.0	100.7	100	125.1
R	Aug 2012	744	12.1	643.63	1716	20	142.43	252.5	92.5	99	124.3
I	Sep 2012	723	12.1	639.55	1605	-111	137.86	255.0	96.5	100	133.5
	WY 2012	**9051**							**1153.5**		
C	Oct 2012	556	9.0	630.75	1377	-228	130.98	206.6	68.5	81	123.3
A	Nov 2012	499	8.4	635.82	1507	130	136.16	168.3	67.9	66	136.0
L	Dec 2012	395	6.4	638.30	1572	65	134.78	183.6	44.1	72	111.7
*	Jan 2013	510	8.3	641.20	1650	78	139.33	163.2	63.2	64	123.8
	Feb 2013	590	10.6	642.00	1671	22	137.48	158.1	74.0	62	125.5
	Mar 2013	949	15.4	642.50	1685	14	136.24	219.3	118.1	86	124.5
	Apr 2013	1093	18.4	643.00	1699	14	135.78	255.0	135.6	100	124.0
	May 2013	992	16.1	643.00	1699	0	136.04	255.0	124.0	100	124.9
	Jun 2013	934	15.7	642.00	1671	-27	135.51	255.0	116.4	100	124.6
	Jul 2013	914	14.9	641.50	1658	-14	134.73	255.0	113.5	100	124.2
	Aug 2013	830	13.5	641.50	1658	0	134.46	255.0	103.3	100	124.4
	Sep 2013	764	12.8	638.00	1564	-94	132.62	255.0	94.1	100	123.1
	WY 2013	**9027**							**1122.6**		
	Oct 2013	621	10.1	633.00	1434	-130	129.33	214.2	74.6	84	120.2
	Nov 2013	515	8.7	635.00	1486	51	127.83	211.7	61.5	83	119.4
	Dec 2013	392	6.4	638.71	1583	97	130.91	209.1	48.2	82	122.9
	Jan 2014	591	9.6	641.80	1666	83	134.46	209.1	73.7	82	124.7
	Feb 2014	658	11.8	641.80	1666	0	136.08	209.1	82.4	82	125.2
	Mar 2014	953	15.5	643.05	1700	34	135.44	255.0	118.8	100	124.6
	Apr 2014	1075	18.1	643.00	1699	-2	136.07	255.0	133.8	100	124.4
	May 2014	964	15.7	643.00	1699	0	136.04	255.0	120.6	100	125.1
	Jun 2014	921	15.5	642.00	1671	-27	135.51	255.0	114.9	100	124.7
	Jul 2014	847	13.8	641.50	1658	-14	134.73	255.0	105.5	100	124.5
	Aug 2014	796	12.9	641.50	1658	0	134.46	255.0	99.2	100	124.6
	Sep 2014	698	11.7	638.00	1564	-94	132.62	255.0	86.1	100	123.4
	WY 2014	**9032**							**1119.1**		
	Oct 2014	568	9.2	633.00	1434	-130	129.33	214.2	68.4	84	120.5
	Nov 2014	514	8.6	635.00	1486	51	127.83	211.7	61.3	83	119.4
	Dec 2014	358	5.8	638.71	1583	97	130.91	209.1	44.1	82	123.1
	Jan 2015	605	9.8	641.80	1666	83	134.46	209.1	75.3	82	124.6

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 2013 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Feb 2012	497	8.6	447.10	563	9	80.85	94.8	35.1	79	70.7
H	Mar 2012	711	11.6	447.23	565	2	81.75	97.2	48.8	81	68.6
I	Apr 2012	785	13.2	449.13	602	36	83.37	120.0	54.1	100	69.0
S	May 2012	709	11.5	448.81	596	-6	81.37	111.6	49.6	93	69.9
T	Jun 2012	719	12.1	448.23	584	-11	79.00	120.0	49.7	100	69.1
O	Jul 2012	675	11.0	448.91	598	13	82.94	120.0	46.8	100	69.4
R	Aug 2012	568	9.2	448.38	587	-10	80.54	120.0	39.3	100	69.2
I	Sep 2012	548	9.2	446.98	561	-26	81.05	120.0	37.8	100	69.0
	WY 2012	**6652**							**458.2**		
C	Oct 2012	482	7.8	449.31	606	44	83.52	96.0	33.3	80	69.0
A	Nov 2012	348	5.9	448.06	581	-24	82.22	92.4	24.1	77	69.2
L	Dec 2012	289	4.7	446.41	550	-31	80.98	103.2	19.5	86	67.5
*	Jan 2013	352	5.7	448.01	580	30	83.56	102.0	24.4	85	69.4
	Feb 2013	424	7.6	447.80	576	-4	75.48	115.2	27.6	96	65.1
	Mar 2013	683	11.1	447.50	571	-6	75.03	120.0	44.8	100	65.7
	Apr 2013	793	13.3	448.70	593	23	75.47	120.0	52.6	100	66.3
	May 2013	702	11.4	448.70	593	0	76.05	120.0	46.7	100	66.5
	Jun 2013	693	11.6	448.70	593	0	76.05	120.0	46.1	100	66.5
	Jul 2013	728	11.8	448.00	580	-13	75.71	120.0	48.3	100	66.3
	Aug 2013	644	10.5	447.50	571	-10	75.13	120.0	42.2	100	65.6
	Sep 2013	556	9.3	446.81	557	-13	74.55	120.0	36.1	100	64.9
	WY 2013	**6693**							**445.7**		
	Oct 2013	449	7.3	446.31	548	-9	74.77	102.0	29.0	85	64.6
	Nov 2013	371	6.2	446.50	552	3	74.62	102.0	23.7	85	64.0
	Dec 2013	273	4.4	446.50	552	0	74.71	102.0	17.1	85	62.7
	Jan 2014	330	5.4	446.50	552	0	74.71	102.0	21.0	85	63.5
	Feb 2014	444	8.0	446.50	552	0	73.92	120.0	28.5	100	64.1
	Mar 2014	686	11.2	446.70	555	4	74.01	120.0	44.5	100	64.9
	Apr 2014	782	13.1	448.70	593	38	75.08	120.0	51.6	100	66.0
	May 2014	695	11.3	448.70	593	0	76.05	120.0	46.2	100	66.5
	Jun 2014	685	11.5	448.70	593	0	76.05	120.0	45.5	100	66.5
	Jul 2014	724	11.8	448.00	580	-13	75.71	120.0	48.0	100	66.3
	Aug 2014	640	10.4	447.50	571	-10	75.13	120.0	42.0	100	65.6
	Sep 2014	545	9.2	446.81	557	-13	74.55	120.0	35.4	100	64.9
	WY 2014	**6624**							**432.5**		
	Oct 2014	443	7.2	446.31	548	-9	74.77	102.0	28.6	85	64.6
	Nov 2014	365	6.1	446.50	552	3	74.62	102.0	23.3	85	64.0
	Dec 2014	266	4.3	446.50	552	0	74.71	102.0	16.6	85	62.6
	Jan 2015	344	5.6	446.50	552	0	74.71	102.0	21.9	85	63.7

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 2013 24-Month Study

Most Probable Inflow*

Upper Basin Power

	Date	Glen Canyon 1000 MWHR	Flaming Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Reservoir 1000 MWHR	Fontenelle Reservoir 1000 MWHR
*	Feb 2012	295	54	9	12	2	4
H	Mar 2012	275	62	9	12	6	4
	Winter 2012	**2475**	**300**	**97**	**117**	**61**	**26**
I	Apr 2012	276	47	16	22	14	4
S	May 2012	276	61	19	28	17	4
T	Jun 2012	324	34	26	33	19	7
O	Jul 2012	398	33	24	31	18	6
R	Aug 2012	360	31	21	28	16	6
I	Sep 2012	214	27	17	25	12	4
	Summer 2012	**1849**	**232**	**123**	**168**	**94**	**31**
C	Oct 2012	221	20	8	13	6	2
L	Dec 2012	346	27	4	6	2	4
*	Jan 2013	349	28	4	6	2	4
	Feb 2013	239	24	6	6	3	4
	Mar 2013	237	18	5	8	5	4
	Winter 2013	**1392**	**117**	**26**	**39**	**17**	**16**
	Apr 2013	216	17	9	14	9	4
	May 2013	237	35	15	24	15	4
	Jun 2013	318	41	17	26	14	7
	Jul 2013	337	23	28	36	18	6
	Aug 2013	314	23	26	35	18	7
	Sep 2013	235	22	21	29	15	6
	Summer 2013	**1657**	**160**	**116**	**164**	**88**	**35**
	Oct 2013	234	23	12	17	9	4
	Nov 2013	232	22	4	6	4	6
	Dec 2013	306	23	4	6	4	6
	Jan 2014	303	23	4	6	4	5
	Feb 2014	227	20	4	6	3	4
	Mar 2014	226	23	4	7	5	4
	Winter 2014	**1528**	**133**	**31**	**47**	**28**	**30**
	Apr 2014	226	22	8	14	9	5
	May 2014	230	41	34	52	23	7
	Jun 2014	256	82	11	20	16	9
	Jul 2014	341	39	25	31	18	10
	Aug 2014	360	39	38	45	23	8
	Sep 2014	252	38	34	41	21	3
	Summer 2014	**1414**	**223**	**115**	**162**	**88**	**37**
	Oct 2014	239	39	18	22	12	6
	Nov 2014	238	37	9	11	6	6
	Dec 2014	316	39	29	35	18	6
	Jan 2015	314	39	20	25	13	6

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 2013 24-Month Study

Most Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions

Date	Flaming George KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Total KAF	Flaming George KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****EFFECTIVE SPACE****										
Feb 2013	947	501	749	12145	14342	13549	27891	313	141	321	776	12145	13549	26470	1500	627	0	32.5
Mar 2013	984	505	754	12445	14688	13530	28218	347	147	327	821	12445	13530	26796	1500	990	0	32.0
Apr 2013	962	494	751	12684	14892	13877	28768	321	138	320	779	12684	13877	27340	1500	1137	0	31.5
May 2013	916	470	718	12750	14855	14412	29267	269	110	268	647	12750	14412	27808	1500	1029	0	31.6
Jun 2013	876	404	630	12449	14359	14824	29182	219	33	144	396	12449	14824	27669	1500	943	0	32.0
Jul 2013	746	336	576	12112	13771	15003	28774	78	-46	40	71	12112	15003	27186	1500	930	0	31.5
								****CREDITABLE SPACE****										
Aug 2013	685	375	594	12467	14121	15123	29244	685	375	594	1654	12467	15123	29244	1500	860	0	30.9
Sep 2013	706	424	622	12921	14673	15178	29850	706	424	622	1752	12921	15178	29850	2270	689	0	30.3
Oct 2013	736	465	635	13202	15039	15269	30308	736	465	635	1836	13202	15269	30308	3040	505	0	30.0
Nov 2013	757	473	633	13416	15279	15194	30473	757	473	633	1863	13416	15194	30473	3810	592	0	29.8
Dec 2013	775	459	631	13626	15491	15209	30700	775	459	631	1865	13626	15209	30700	4580	518	0	29.8
Jan 2014	805	448	638	14035	15925	14898	30824	805	448	638	1891	14035	14898	30824	5350	697	0	29.6
								****EFFECTIVE SPACE****										
Jan 2014	805	448	638	14035	15925	14898	30824	481	448	502	1431	14035	14898	30364	5350	697	0	29.6
Feb 2014	830	439	647	14430	16345	14774	31120	503	439	511	1452	14430	14774	30656	1500	674	0	29.4
Mar 2014	845	429	645	14630	16549	14797	31346	515	429	508	1452	14630	14797	30879	1500	1015	0	29.1
Apr 2014	811	409	588	14696	16503	15165	31669	475	409	448	1332	14696	15165	31193	1500	1104	0	29.1
May 2014	745	364	493	14515	16117	15619	31736	402	364	333	1099	14515	15619	31233	1500	1001	0	30.3
Jun 2014	624	282	351	13297	14555	16002	30557	269	261	156	686	13297	16002	29985	1500	930	0	31.8
Jul 2014	473	82	299	11883	12737	16307	29044	104	36	51	191	11883	16307	28381	1500	863	0	31.9
								****CREDITABLE SPACE****										
Aug 2014	387	50	306	11824	12568	16360	28928	387	50	306	743	11824	16360	28928	1500	826	0	31.5
Sep 2014	418	101	321	12147	12987	16285	29273	418	101	321	841	12147	16285	29273	2270	623	0	31.1
Oct 2014	478	167	322	12275	13242	16283	29525	478	167	322	967	12275	16283	29525	3040	452	0	31.0
Nov 2014	532	182	313	12332	13359	16156	29515	532	182	313	1027	12332	16156	29515	3810	590	0	30.9
Dec 2014	586	179	312	12436	13514	16168	29682	586	179	312	1078	12436	16168	29682	4580	484	0	30.9
Jan 2015	658	248	319	12729	13954	15823	29777	658	248	319	1225	12729	15823	29777	5350	711	0	30.6
								****EFFECTIVE SPACE****										
Jan 2015	658	248	319	12729	13954	15823	29777	289	248	223	760	12729	15823	29312	5350	711	0	30.6

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January 24-Month Study
Date: January 11, 2013

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

Reservoir	December Inflow (unregulated) (acre-feet)	Percent of Average (%)	January 19 Midnight Elevation (feet)	Reservoir Storage (acre-feet)
Fontenelle	28,000	88	6483.51	186,000
Flaming Gorge	26,000	74	6020.47	2,996,000
Blue Mesa	18,000	69	7452.68	328,000
Navajo	12,000	47	6024.24	952,000
Powell	195,000	54	3607.78	12,508,000

Expected Operations

The operation of Lake Powell and Lake Mead in this January 2013 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines), and reflects the draft 2013 AOP. Pursuant to the Interim Guidelines, the August 2012 24-Month Study projections of the January 1, 2013, system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2013.

Consistent with Section 6.B of the Interim Guidelines, the Lake Powell operational tier for water year 2013 is the Upper Elevation Balancing Tier. The January 2013 24-Month Study projects the water year release volume from Lake Powell for 2013 to be 8.23 million acre-feet (maf).

Consistent with Section 6.B.3 of the Interim Guidelines, if the April 24-Month study projects the September 30 Lake Powell elevation to be greater than the 2013 Equalization elevation of 3,646.0 feet with an annual release from Lake Powell of 8.23 maf, the Equalization Tier will govern operations of Lake Powell for the remainder of the water year. If such an adjustment occurs, the water year release volume from Lake Powell may be greater than 8.23 maf. Based on analysis of a range of inflow scenarios, the current probability of realizing an inflow volume that would trigger Equalization in 2013 is less than 5 percent.

Consistent with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar year 2013.

The Interim Guidelines are available for download at http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The draft 2013 AOP is available for download at http://www.usbr.gov/uc/water/rsvrs/ops/aop/AOP13_draft.pdf.

Fontenelle Reservoir – Inflows to Fontenelle Reservoir for the month of December were 28,000 acre-feet (af), or 88 percent of average. The reservoir elevation is 6484.2 feet above sea level, 55 percent of live capacity and will be decreasing over the winter. Inflows are averaging 300 cubic feet per second (cfs). Reservoir releases remain at 850 cfs and will likely remain near this level through the fall and winter months.

Inflows for the next three months are projected to be below average: with January, February and March forecasted inflow volumes at 25,000 AF (82% of average), 22,000 AF (80% of average), and 43,000 AF (82% of average), respectively. The Colorado Basin River Forecast Center has issued the official water supply forecast for the April through July unregulated inflow volume which is 555,000 af or 76 percent of the 1981-2010 thirty-year average.

The next Fontenelle Working Group meeting is scheduled for April 25, 2013, at 10:00 am at the Seedskadee National Wildlife Refuge. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir. The autumn Fontenelle Working Group meeting was held on August 23, 2012 at Joint Powers and Water Board in Green River, Wyoming. Minutes from the meeting are posted on the Working Group webpages.

Flaming Gorge Reservoir – Unregulated inflow into Flaming Gorge Reservoir during the month of December was 25,000 acre-feet af, or 73 percent of average. The reservoir elevation is 6020.5 feet and dropping. Observed inflows are approximately 300 cubic feet per second (cfs).

Forecasts remain below average and Flaming Gorge Dam is in the moderately dry hydrologic classification as outlined in the Record of Decision. Flaming Gorge Dam releases are current 1,200 cfs with hourly releases following a double peak pattern. It is anticipated that releases will remain at 1,200 cfs through the end of February.

The Colorado Basin River Forecast Center has issued the official water supply forecast for the April through July unregulated inflow volume which is 754,000 af or 76 percent of the 1981-2010 thirty-year average. The spring hydrologic classification would be average (below median) if the May 1 final forecast remains in the range between 779,000

af to 1,045,000 af. The hydrologic classification would be average (above median) if the May 1 final forecast remains in the range between 1,331,001 af and 1,513,000 af.

The next Flaming Gorge Working Group meeting is scheduled for April 24, 2013, at 11:00 a.m. at the new Utah Department of Natural Resources building in Vernal, Utah, located at 318 North Vernal Avenue. The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stake holders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations and plans presented by Reclamation at these meetings. For more information on this group and these meetings please contact Ed Vidmar at 801-379-1182.

Aspinall Unit Reservoirs – December unregulated inflow into Blue Mesa Reservoir was 18,000 acre-feet or 69 percent of average. Precipitation during December was observed to be about 110 percent of average. The Gunnison River basin snowpack as of January 8th was averaging about 67 percent. The current inflow rate into Blue Mesa Reservoir is about 250 cfs while reservoir releases are averaging about 250 cfs. The present reservoir elevation is 7452.64 feet, which corresponds to a storage content of about 327,000 acre-feet.

Releases from Crystal Dam have been kept at just about minimum flow of 350 cfs since the end of irrigation season because of drought conditions. Reservoir releases will most likely remain at these levels since Blue Mesa Reservoir content is extremely low.

The first Water Supply Forecast for Water Year 2013 has been issued and the April through July unregulated inflow is forecasted to be at 390,000 acre-feet (58% of average). Based on this forecast, Blue Mesa Reservoir is not projected to fill by the end of this 2013 runoff season.

The next meeting of the "Aspinall Unit Working Group" will be held on Thursday January 24th in the Montrose, Colorado, starting at 1:00 PM. At this meeting, review of last summer and fall reservoir operations, and plans for this winter and next spring 2013 operations will be discussed. These meetings are open forum discussions on the Aspinall Unit reservoir operations with many interested groups participating. Anyone needing further information about these meetings should contact Dan Crabtree in the Grand Junction Area Office at (970) 248-0652.

Navajo Reservoir – Navajo Reservoir release rate is currently set at 350 cfs. Releases are made for the authorized purposes of the Navajo Unit, and to attempt to maintain a target base flow through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell).

The San Juan River Basin Recovery Implementation Program recommends a target base flow of between 500 cfs and 1,000 cfs through the critical habitat area. The target base

flow is calculated as the weekly average of gaged flows throughout the critical habitat area.

The current San Juan River basin snowpack is 57% of average snow water equivalent (SWE). For the Animas River Basin it is 55%. Precipitation for the month of December in the San Juan River basin was about 100 percent of average. Unregulated inflow into Navajo Reservoir during the month of December was 12,000 acre-feet, or 47 percent of average. Currently, the daily reservoir inflow is averaging about 100 cfs. Diversions for NIIP have currently been shut down for the winter. The reservoir water surface elevation is at 6024.39 feet, which corresponds to a storage content of about 953,000 acre-feet.

A public meeting on Navajo Reservoir operations will be held Tuesday, January 15, 2013 at 1:00 PM at the Civic Center in Farmington, New Mexico (200 West Arrington Street). At this meeting, review of last summer and fall reservoir operations, and plans for this winter and spring 2013 operations will be discussed. These meetings are open forum discussions on the operation of Navajo Reservoir with many interested groups participating. Anyone interested in the general operation of the reservoir is encouraged to attend. Please contact Ryan Christianson in Reclamation's Durango, Colorado Office at (970) 385-6590 for information about these meetings or the daily operation of Navajo Reservoir.

Glen Canyon Dam / Lake Powell –

Recent Reservoir Operations

The unregulated inflow volume to Lake Powell in December was 195 thousand acre-feet (kaf) (54% of average). The release volume from Glen Canyon Dam in December was 801 kaf. The end of December elevation and storage of Lake Powell were 3609.8 feet (90 feet from full pool) and 12.71 maf (52% of full capacity). The reservoir elevation will continue to decline through the winter months.

Current and Planned Reservoir Operations

The operating tier for 2013 is the Upper Elevation Balancing Tier, as establish in August 2012 and pursuant to the Interim Guidelines. However, if hydrologic conditions and projections become wetter, it is possible that beginning in April, the Equalization tier will govern the operations of Lake Powell for the remainder of the water year. Based on analysis of a range of inflow scenarios, however, the current probability of realizing an inflow volume that would trigger Equalization in 2013 is less than 5 percent. As hydrologic conditions for Lake Powell and Lake Mead change throughout the year, Reclamation will adjust operations of Glen Canyon Dam to release the appropriate annual volume during 2013 to achieve the governing operating tier objectives as practicably as possible by September 30, 2013.

Releases from Glen Canyon Dam in January are currently averaging approximately 13,000 cfs with daily fluctuations between approximately 8,500cfs and 16,500cfs and consistent with the Glen Canyon Operating Criteria (Federal Register, Volume 62, No. 41, March 3, 1997). The scheduled release volume for January 2013 is 800 kaf.

In February, the release volume will likely be about 600 kaf, with fluctuations throughout the day from about 8,000 cfs in the early morning to about 14,000 cfs in the evening. In March, the release volume will likely be about 600 kaf with daily fluctuations for hydropower between approximately 7,000 cfs and 13,000 cfs.

In addition to daily scheduled fluctuations for power generation, the instantaneous releases from Glen Canyon Dam may also fluctuate to provide 40 MW of system regulation. These instantaneous release adjustments stabilize the electrical generation and transmission system and translate to a range of about 1,100 cfs above or below the hourly scheduled release rate. Typically, fluctuations for system regulation are very short lived and balance out over the hour and do not have noticeable impacts on downstream river flow conditions.

Releases from Glen Canyon Dam can also fluctuate beyond scheduled fluctuations for power generation when called upon as a partner that shares reserve requirements within the electrical generator community (i.e. balancing area). Reserves provide system reliability in the event of an unscheduled outage. Glen Canyon Dam typically maintains 43 MW of reserves (approximately 1,100 cfs). Reserve calls can be maintained for a maximum of 2 hours after which time the generation rate should be returned to the original schedule. If reserves from Glen Canyon Dam are called upon, releases from the dam can exceed scheduled levels and can have a noticeable impact on the river downstream from Glen Canyon Dam. Calls for reserves are fairly infrequent and typically are for much less than 43 MW.

Current Inflow Forecasts and Model Projections

The hydrologic forecast for Lake Powell for the April to July water supply season projects that the most probable (median) unregulated inflow volume will be 4.4 maf (61% of average based on the period 1981-2010). Based on this hydrologic outlook, the January 24-Month study projects the annual release volume for water year 2013 will be 8.23 maf and the end of water year reservoir elevation and storage for Lake Powell will be 3600.8 and 11.83 maf (49% capacity), respectively.

If hydrologic conditions and projections become significantly wetter, it is possible that beginning in April, the Equalization tier will govern the operations of Lake Powell for the remainder of the water year and the release volume for 2013 could be greater than 8.23 maf. However, based on analysis of a range of inflow scenarios, the current probability of realizing an inflow volume that would trigger Equalization in 2013 is less than 5 percent.

Upper Colorado River Basin Hydrology - Since water year 2005, the Upper Colorado River Basin has experienced significant year to year hydrologic variability. The unregulated inflow to Lake Powell, which is a good measure of hydrologic conditions in the Colorado River Basin, has averaged a water year volume of 10.22 maf (94% of average (period 1981-2010)) during the period from 2005 through 2012. The hydrologic variability during this period has been from a low water year unregulated inflow volume of 4.91 maf (45% of average) in water year 2012 to a high water year unregulated inflow

volume of 15.97 maf (147% of average) in water year 2011. Based on observed inflows and current forecasts, water year 2013 unregulated inflow is expected to be 6.57 maf (61% of average).

Overall reservoir storage in the Colorado River Basin has increased by over 4 maf since the beginning of water year 2005 and this is an improvement over the persistent drought conditions during water years 2000 through 2004. From the beginning of water year 2005 to the beginning of water year 2013, the total reservoir storage in the Colorado River Basin increased from 29.8 maf (50% of capacity) to 33.9 maf (57 % of capacity). However, during this time, total Colorado Basin storage experienced year to year increases and decreases in response to wet and dry hydrology.

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-430
125 SOUTH STATE STREET, ROOM 6107
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-3709

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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:	Obs			dec	Forecast		Outlook		
:	sep	oct	nov	dec	%Avg	jan	feb	mar	apr-jul	%Avg
GLDA3:Lake Powell	104	190	246	195	54%:	230/	250/	420/	4400/:	61%
GBRW4:Fontenelle	23	29	35	28	88%:	25/	22/	43/	555/:	77%
GRNU1:Flaming Gorge	19.4	24	39	26	74%:	28/	32/	83/	745/:	76%
BMDC2:Blue Mesa	19.2	20	18.8	17.7	69%:	16/	14/	23/	390/:	58%
MPSC2:Morrow Point	19.5	22	19.6	18.4	66%:	17/	15/	25/	420/:	57%
CLSC2:Crystal	22	24	23	22	68%:	20/	18/	29/	465/:	56%
TPIC2:Taylor Park	4.3	4.2	3.0	3.0	64%:	2.6/	2/	2.6/	62/:	63%
VCRC2:Vallecito	3.9	3.4	3.1	3.0	47%:	2.4/	1.9/	3.5/	135/:	70%
NVRN5:Navajo	-2.27	3.4	9.1	11.9	47%:	12/	15/	41/	440/:	60%
LEMC2:Lemon	0.78	0.55	0.46	0.42	38%:	0.35/	0.3/	0.7/	35/:	64%
MPHC2:McPhee	4.0	1.63	1.71	1.60	36%:	1.5/	2/	8/	205/:	69%
RBSC2:Ridgway	6.1	4.5	3.8	3.6	80%:	3.2/	2.8/	4.5/	63/:	62%
:										

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

January 2013 24-Month Study

Most Probable Inflow*

Fontenelle Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jan 2012	32	1	74	0	74	6479.61	165
H	Feb 2012	30	0	69	0	69	6471.56	126
I	Mar 2012	64	0	67	0	67	6470.82	123
S	Apr 2012	98	1	60	0	60	6478.72	160
T	May 2012	130	1	61	0	62	6489.92	227
O	Jun 2012	189	2	83	16	99	6502.11	315
R	Jul 2012	92	3	72	3	75	6503.94	329
I	Aug 2012	36	2	68	0	68	6499.56	296
C	Sep 2012	23	2	46	8	54	6495.11	263
	WY 2012	**825**	**15**	**750**	**94**	**845**		
A	Oct 2012	29	1	25	28	53	6491.56	238
L	Nov 2012	35	1	22	28	51	6489.08	221
*	Dec 2012	28	1	52	0	52	6485.19	196
	Jan 2013	25	1	56	0	56	6479.84	166
	Feb 2013	22	0	47	0	47	6474.69	140
	Mar 2013	43	0	52	0	52	6472.58	130
	Apr 2013	70	1	51	0	51	6476.57	149
	May 2013	110	1	89	0	89	6480.34	169
	Jun 2013	245	2	102	9	112	6500.14	300
	Jul 2013	130	3	85	0	85	6505.63	343
	Aug 2013	60	2	82	0	82	6502.50	318
	Sep 2013	42	2	68	0	68	6498.78	290
	WY 2013	**839**	**15**	**732**	**65**	**798**		
	Oct 2013	46	1	71	0	71	6495.20	264
	Nov 2013	41	1	68	0	68	6491.14	236
	Dec 2013	32	1	71	0	71	6485.05	196
	Jan 2014	30	1	71	0	71	6477.78	155
	Feb 2014	28	0	64	0	64	6469.87	119
	Mar 2014	53	0	71	0	71	6465.27	100
	Apr 2014	85	1	83	0	83	6465.68	102
	May 2014	164	1	96	14	111	6477.46	154
	Jun 2014	299	2	102	50	152	6500.02	299
	Jul 2014	178	3	101	30	131	6505.68	343
	Aug 2014	77	2	74	0	74	6505.73	344
	Sep 2014	46	2	64	0	64	6503.21	324
	WY 2014	**1078**	**15**	**935**	**94**	**1029**		
	Oct 2014	49	1	66	0	66	6500.78	305
	Nov 2014	42	1	64	0	64	6497.75	282
	Dec 2014	32	1	66	0	66	6492.86	247

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

January 2013 24-Month Study

Most Probable Inflow*

Flaming Gorge Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	Jan 2012	45	87	2	148	0	148	134	6029.85	3343	189
H	Feb 2012	47	86	2	140	0	140	132	6028.43	3289	186
I	Mar 2012	104	107	3	162	0	162	130	6026.95	3233	286
S	Apr 2012	136	98	5	122	0	122	129	6026.21	3205	331
T	May 2012	153	85	8	159	19	178	125	6023.57	3108	385
O	Jun 2012	188	98	10	87	0	87	125	6023.59	3108	156
R	Jul 2012	93	76	12	84	0	84	124	6023.04	3088	99
I	Aug 2012	29	60	12	80	0	80	123	6022.19	3058	90
C	Sep 2012	19	50	10	68	0	68	122	6021.43	3030	78
	WY 2012	**990**	**1010**	**78**	**1366**	**20**	**1386**				**2278**
A	Oct 2012	24	48	7	52	0	52	122	6021.15	3020	69
L	Nov 2012	39	55	3	49	0	49	122	6021.23	3023	73
*	Dec 2012	25	50	2	70	0	70	121	6020.63	3002	109
	Jan 2013	28	59	2	74	0	74	120	6020.17	2986	74
	Feb 2013	32	57	2	66	0	66	120	6019.87	2975	66
	Mar 2013	83	92	3	50	0	50	121	6020.94	3013	50
	Apr 2013	110	91	5	48	0	48	123	6021.97	3050	48
	May 2013	175	154	7	95	0	95	125	6023.34	3099	95
	Jun 2013	300	167	10	152	0	152	125	6023.47	3104	152
	Jul 2013	160	115	13	74	0	74	126	6024.20	3131	74
	Aug 2013	68	90	12	74	0	74	126	6024.31	3135	74
	Sep 2013	45	71	11	71	0	71	126	6024.03	3125	71
	WY 2013	**1090**	**1049**	**76**	**874**	**0**	**874**				**954**
	Oct 2013	52	77	7	74	0	74	126	6023.92	3121	74
	Nov 2013	48	76	3	71	0	71	126	6023.94	3121	71
	Dec 2013	35	74	2	74	0	74	125	6023.89	3120	74
	Jan 2014	40	81	2	74	0	74	126	6024.03	3125	74
	Feb 2014	45	81	2	67	0	67	126	6024.35	3136	67
	Mar 2014	102	120	3	74	0	74	128	6025.49	3178	74
	Apr 2014	134	131	5	71	0	71	130	6026.91	3231	71
	May 2014	245	192	8	121	0	121	132	6028.51	3292	121
	Jun 2014	390	242	10	224	0	224	133	6028.71	3300	224
	Jul 2014	210	163	14	101	0	101	135	6029.92	3346	101
	Aug 2014	89	86	13	101	0	101	133	6029.22	3319	101
	Sep 2014	55	73	11	98	0	98	132	6028.30	3284	98
	WY 2014	**1444**	**1396**	**79**	**1151**	**0**	**1151**				**1151**
	Oct 2014	59	77	7	101	0	101	131	6027.49	3253	101
	Nov 2014	51	73	3	98	0	98	130	6026.76	3226	98
	Dec 2014	35	69	2	101	0	101	128	6025.88	3193	101

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

January 2013 24-Month Study

Most Probable Inflow*

Taylor Park Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jan 2012	4	5	9307.37	66
H	Feb 2012	4	4	9307.22	66
I	Mar 2012	6	4	9308.28	67
S	Apr 2012	10	4	9311.81	73
T	May 2012	16	8	9316.40	81
O	Jun 2012	9	15	9312.87	75
R	Jul 2012	6	14	9307.53	66
I	Aug 2012	4	12	9302.28	58
C	Sep 2012	4	6	9300.80	56
	WY 2012	**80**	**94**		
A	Oct 2012	4	4	9301.04	57
L	Nov 2012	3	3	9301.07	57
*	Dec 2012	3	3	9301.09	57
	Jan 2013	3	5	9299.70	55
	Feb 2013	2	5	9297.82	52
	Mar 2013	3	5	9296.34	50
	Apr 2013	6	5	9297.51	52
	May 2013	18	8	9304.74	62
	Jun 2013	28	15	9313.05	75
	Jul 2013	10	18	9308.06	67
	Aug 2013	6	18	9299.85	55
	Sep 2013	5	16	9290.83	44
	WY 2013	**90**	**103**		
	Oct 2013	5	10	9286.29	39
	Nov 2013	5	5	9286.31	39
	Dec 2013	5	5	9286.49	39
	Jan 2014	4	5	9286.34	39
	Feb 2014	4	5	9285.66	38
	Mar 2014	4	5	9285.60	38
	Apr 2014	9	5	9289.63	42
	May 2014	28	8	9305.31	63
	Jun 2014	42	18	9319.70	86
	Jul 2014	20	18	9320.88	89
	Aug 2014	10	18	9316.58	81
	Sep 2014	7	16	9311.45	72
	WY 2014	**143**	**115**		
	Oct 2014	7	10	9309.36	69
	Nov 2014	5	5	9309.74	69
	Dec 2014	5	5	9309.86	70

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

January 2013 24-Month Study

Most Probable Inflow*

Blue Mesa Reservoir

	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jan 2012	22	23	0	52	0	52	7485.29	545
H	Feb 2012	21	22	0	34	0	34	7483.66	533
I	Mar 2012	40	39	0	32	0	32	7484.49	539
S	Apr 2012	57	51	1	58	0	58	7483.54	532
T	May 2012	74	66	1	71	0	71	7482.82	527
O	Jun 2012	45	50	1	93	0	93	7476.82	483
R	Jul 2012	30	39	1	90	0	90	7469.29	431
I	Aug 2012	28	36	1	79	0	79	7462.48	387
C	Sep 2012	19	21	1	67	0	67	7454.82	340
	WY 2012	**427**	**442**	**7**	**793**	**0**	**793**		
A	Oct 2012	20	20	0	33	0	33	7452.55	327
L	Nov 2012	19	19	0	19	0	19	7452.39	326
*	Dec 2012	18	18	0	16	0	16	7452.65	328
	Jan 2013	16	18	0	22	0	22	7451.91	323
	Feb 2013	14	17	0	13	0	13	7452.49	327
	Mar 2013	23	25	0	18	0	18	7453.72	334
	Apr 2013	52	51	1	35	0	35	7456.27	349
	May 2013	122	112	1	62	0	62	7464.23	398
	Jun 2013	153	140	1	56	0	56	7476.49	481
	Jul 2013	63	71	1	92	0	92	7473.32	458
	Aug 2013	38	50	1	97	0	97	7466.26	411
	Sep 2013	30	41	1	77	0	77	7460.52	374
	WY 2013	**568**	**581**	**7**	**540**	**0**	**540**		
	Oct 2013	33	38	0	44	0	44	7459.52	368
	Nov 2013	29	29	0	13	0	13	7462.05	384
	Dec 2013	26	25	0	14	0	14	7463.92	396
	Jan 2014	24	24	0	24	0	24	7463.97	396
	Feb 2014	22	23	0	21	0	21	7464.26	398
	Mar 2014	36	36	0	26	0	26	7465.85	408
	Apr 2014	77	73	1	36	0	36	7471.28	444
	May 2014	221	201	1	118	0	118	7482.76	526
	Jun 2014	261	237	1	36	0	36	7507.73	726
	Jul 2014	117	115	2	81	0	81	7511.45	758
	Aug 2014	63	71	1	120	0	120	7505.65	708
	Sep 2014	38	47	1	104	0	104	7498.64	650
	WY 2014	**948**	**919**	**8**	**636**	**0**	**636**		
	Oct 2014	38	42	1	58	0	58	7496.55	633
	Nov 2014	31	31	0	29	0	29	7496.71	635
	Dec 2014	26	25	0	78	0	78	7490.00	581

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

January 2013 24-Month Study

Most Probable Inflow*

Morrow Point Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jan 2012	23	52	1	53	52	0	52	7155.61	113
H	Feb 2012	22	34	1	35	35	0	35	7155.27	113
I	Mar 2012	43	32	2	35	34	0	34	7156.25	114
S	Apr 2012	63	58	6	64	63	0	63	7157.05	115
T	May 2012	80	71	6	76	79	0	79	7154.07	112
O	Jun 2012	45	93	1	93	93	0	93	7154.59	113
R	Jul 2012	31	90	0	90	89	0	89	7155.86	114
I	Aug 2012	28	79	0	80	80	0	80	7154.84	113
C	Sep 2012	19	67	0	68	71	0	71	7150.03	109
	WY 2012	**447**	**793**	**21**	**814**	**811**	**0**	**811**		
A	Oct 2012	22	33	1	34	40	0	40	7142.80	104
L	Nov 2012	20	19	1	20	16	0	16	7148.49	108
*	Dec 2012	18	16	1	17	18	0	18	7146.50	106
	Jan 2013	17	22	1	23	17	0	17	7153.73	112
	Feb 2013	15	13	1	14	14	0	14	7153.73	112
	Mar 2013	25	18	2	20	20	0	20	7153.73	112
	Apr 2013	57	35	5	40	40	0	40	7153.73	112
	May 2013	134	62	12	74	74	0	74	7153.73	112
	Jun 2013	164	56	11	67	67	0	67	7153.73	112
	Jul 2013	65	92	2	94	94	0	94	7153.73	112
	Aug 2013	40	97	2	99	99	0	99	7153.73	112
	Sep 2013	32	77	2	79	79	0	79	7153.73	112
	WY 2013	**609**	**540**	**41**	**580**	**577**	**0**	**577**		
	Oct 2013	35	44	2	46	46	0	46	7153.73	112
	Nov 2013	31	13	2	15	15	0	15	7153.73	112
	Dec 2013	28	14	2	16	16	0	16	7153.73	112
	Jan 2014	27	24	2	26	26	0	26	7153.73	112
	Feb 2014	25	21	3	24	24	0	24	7153.73	112
	Mar 2014	40	26	4	30	30	0	30	7153.73	112
	Apr 2014	88	36	11	47	47	0	47	7153.73	112
	May 2014	247	118	26	144	144	0	144	7153.73	112
	Jun 2014	281	36	20	56	56	0	56	7153.73	112
	Jul 2014	123	81	6	87	87	0	87	7153.73	112
	Aug 2014	67	120	3	123	123	0	123	7153.73	112
	Sep 2014	41	104	3	107	107	0	107	7153.73	112
	WY 2014	**1032**	**636**	**84**	**720**	**720**	**0**	**720**		
	Oct 2014	41	58	3	61	61	0	61	7153.73	112
	Nov 2014	33	29	2	31	31	0	31	7153.73	112
	Dec 2014	28	78	2	81	81	0	81	7153.73	112

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

January 2013 24-Month Study

Most Probable Inflow*

Crystal Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
*	Jan 2012	27	52	3	56	53	3	56	6751.28	16	1	57
H	Feb 2012	26	35	3	38	15	23	38	6751.90	17	1	40
I	Mar 2012	49	34	6	40	40	0	40	6751.80	17	6	36
S	Apr 2012	71	63	8	71	71	0	71	6752.10	17	50	23
T	May 2012	86	79	6	84	86	0	86	6745.87	15	65	23
O	Jun 2012	49	93	3	96	97	0	97	6744.24	14	63	36
R	Jul 2012	35	89	4	93	93	0	93	6745.39	15	62	35
I	Aug 2012	32	80	3	84	84	0	84	6743.63	14	52	36
C	Sep 2012	22	71	2	74	63	11	74	6743.29	14	45	32
	WY 2012	**498**	**811**	**51**	**862**	**824**	**38**	**862**			**397**	**492**
A	Oct 2012	24	40	3	42	40	0	40	6750.72	16	20	20
L	Nov 2012	23	16	4	19	21	0	21	6746.77	15	1	19
*	Dec 2012	22	18	4	22	22	0	22	6749.11	16	1	20
	Jan 2013	20	17	3	20	19	0	19	6753.04	17	0	19
	Feb 2013	18	14	3	17	17	0	17	6753.04	17	0	17
	Mar 2013	29	20	4	24	24	0	24	6753.04	17	5	18
	Apr 2013	65	40	8	48	48	0	48	6753.04	17	30	18
	May 2013	152	74	18	92	92	0	92	6753.04	17	55	37
	Jun 2013	179	67	15	82	82	0	82	6753.04	17	60	22
	Jul 2013	69	94	4	98	98	0	98	6753.04	17	65	33
	Aug 2013	44	99	4	103	103	0	103	6753.04	17	65	38
	Sep 2013	35	79	3	82	82	0	82	6753.04	17	55	27
	WY 2013	**681**	**577**	**72**	**649**	**646**	**0**	**647**			**357**	**288**
	Oct 2013	39	46	4	50	50	0	50	6753.04	17	30	20
	Nov 2013	35	15	4	19	19	0	19	6753.04	17	0	19
	Dec 2013	32	16	5	20	20	0	20	6753.04	17	0	20
	Jan 2014	31	26	5	31	31	0	31	6753.04	17	0	31
	Feb 2014	29	24	4	27	27	0	27	6753.04	17	0	27
	Mar 2014	46	30	6	36	36	0	36	6753.04	17	5	31
	Apr 2014	101	47	12	60	60	0	60	6753.04	17	30	30
	May 2014	281	144	34	178	134	44	178	6753.04	17	55	123
	Jun 2014	315	56	34	90	90	0	90	6753.04	17	60	30
	Jul 2014	138	87	14	102	102	0	102	6753.04	17	65	37
	Aug 2014	75	123	8	132	132	0	132	6753.04	17	65	67
	Sep 2014	47	107	6	113	113	0	113	6753.04	17	55	58
	WY 2014	**1169**	**720**	**137**	**857**	**813**	**44**	**857**			**365**	**492**
	Oct 2014	47	61	6	67	67	0	67	6753.04	17	30	37
	Nov 2014	38	31	5	36	36	0	36	6753.04	17	0	36
	Dec 2014	32	81	5	85	85	0	85	6753.04	17	0	85

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

January 2013 24-Month Study

Most Probable Inflow*

Vallecito Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jan 2012	5	3	7645.42	76
H	Feb 2012	4	4	7645.50	76
I	Mar 2012	12	4	7648.84	84
S	Apr 2012	36	3	7661.80	117
T	May 2012	42	35	7664.36	124
O	Jun 2012	17	36	7656.80	104
R	Jul 2012	11	35	7647.02	80
I	Aug 2012	7	33	7634.93	54
C	Sep 2012	4	22	7624.48	36
	WY 2012	**168**	**188**		
A	Oct 2012	3	3	7624.51	36
L	Nov 2012	3	1	7625.69	37
*	Dec 2012	3	0	7627.33	40
	Jan 2013	2	0	7628.53	42
	Feb 2013	2	0	7629.42	44
	Mar 2013	4	0	7631.14	47
	Apr 2013	12	0	7637.10	58
	May 2013	47	27	7646.08	78
	Jun 2013	54	41	7651.42	90
	Jul 2013	22	38	7644.19	73
	Aug 2013	14	34	7634.54	53
	Sep 2013	12	24	7627.54	41
	WY 2013	**178**	**170**		
	Oct 2013	12	12	7627.90	41
	Nov 2013	8	0	7632.12	49
	Dec 2013	6	0	7635.26	55
	Jan 2014	5	0	7637.76	60
	Feb 2014	5	0	7639.85	64
	Mar 2014	9	0	7643.58	72
	Apr 2014	23	2	7652.49	93
	May 2014	71	39	7664.93	125
	Jun 2014	70	70	7664.89	125
	Jul 2014	29	42	7659.95	112
	Aug 2014	20	38	7652.68	93
	Sep 2014	17	30	7647.47	81
	WY 2014	**277**	**233**		
	Oct 2014	16	17	7646.70	79
	Nov 2014	9	7	7647.46	81
	Dec 2014	6	6	7647.46	81

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Managing Water in the West

January 2013 24-Month Study

Most Probable Inflow*

Navajo Reservoir

	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azetea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Farmington Flow (1000 Ac-Ft)
*	Jan 2012	18	0	16	1	1	30	6055.85	1296	50
H	Feb 2012	19	0	18	1	1	28	6054.95	1285	46
I	Mar 2012	74	7	61	2	6	31	6056.81	1308	70
S	Apr 2012	149	18	98	2	27	30	6059.88	1346	96
T	May 2012	131	17	105	4	34	110	6056.40	1303	176
O	Jun 2012	20	4	35	4	46	42	6051.70	1246	57
R	Jul 2012	10	1	33	4	44	52	6045.91	1178	60
I	Aug 2012	0	0	26	3	45	55	6038.86	1101	46
C	Sep 2012	-2	0	17	2	22	58	6032.62	1035	65
	WY 2012	**522**	**53**	**490**	**26**	**236**	**521**			**821**
A	Oct 2012	3	0	3	1	11	40	6027.78	986	57
L	Nov 2012	9	0	7	1	0	23	6026.11	970	32
*	Dec 2012	12	0	9	0	0	22	6024.73	957	28
	Jan 2013	12	0	10	0	0	24	6023.20	942	24
	Feb 2013	15	0	13	1	0	28	6021.62	927	28
	Mar 2013	41	1	37	1	2	30	6022.06	931	30
	Apr 2013	89	14	63	2	18	18	6024.75	957	18
	May 2013	175	26	129	3	32	15	6032.60	1035	15
	Jun 2013	136	16	106	3	48	15	6036.48	1075	15
	Jul 2013	40	2	54	4	53	23	6034.10	1050	23
	Aug 2013	35	0	55	3	45	42	6030.63	1015	42
	Sep 2013	33	0	45	2	26	33	6029.08	999	33
	WY 2013	**600**	**60**	**533**	**22**	**234**	**313**			**345**
	Oct 2013	40	0	39	1	7	30	6029.20	1001	30
	Nov 2013	31	0	23	1	0	23	6029.13	1000	23
	Dec 2013	25	0	19	1	0	28	6028.20	991	28
	Jan 2014	22	0	17	0	0	28	6027.05	979	28
	Feb 2014	30	0	26	1	0	25	6027.02	979	25
	Mar 2014	92	2	82	1	2	24	6032.42	1033	24
	Apr 2014	170	14	135	2	18	21	6041.37	1128	21
	May 2014	277	37	208	3	33	40	6052.88	1260	40
	Jun 2014	224	32	191	4	48	86	6057.18	1312	86
	Jul 2014	66	6	72	4	53	22	6056.61	1305	22
	Aug 2014	45	2	61	3	46	27	6055.40	1290	27
	Sep 2014	43	0	55	3	26	27	6055.36	1290	27
	WY 2014	**1065**	**94**	**927**	**25**	**232**	**380**			**380**
	Oct 2014	47	1	47	2	7	30	6056.07	1299	30
	Nov 2014	34	1	31	1	0	30	6056.08	1299	30
	Dec 2014	25	0	25	1	0	31	6055.55	1292	31

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

January 2013 24-Month Study

Most Probable Inflow*

Lake Powell

	Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry (1000 Ac-Ft)
*	Jan 2012	356	503	10	852	0	852	3636.91	5305	15641	846
H	Feb 2012	342	460	11	653	0	653	3635.28	5290	15453	654
I	Mar 2012	560	625	19	600	0	600	3635.33	5290	15458	607
S	Apr 2012	764	689	29	606	0	606	3635.76	5294	15508	612
T	May 2012	792	770	35	601	0	601	3636.83	5304	15632	606
O	Jun 2012	353	398	54	709	0	709	3633.90	5277	15294	712
R	Jul 2012	154	285	62	886	0	886	3628.45	5228	14680	892
I	Aug 2012	101	289	60	800	0	800	3623.62	5186	14151	810
C	Sep 2012	104	296	54	481	0	481	3621.56	5168	13929	478
	WY 2012	**4908**	**5964**	**455**	**9466**	**0**	**9466**				**9527**
A	Oct 2012	190	294	37	498	0	498	3619.46	5150	13706	495
L	Nov 2012	246	273	35	652	78	730	3615.10	5114	13251	736
*	Dec 2012	201	247	27	801	0	801	3609.82	5071	12713	800
	Jan 2013	230	287	8	800	0	800	3604.91	5032	12225	800
	Feb 2013	250	296	9	600	0	600	3601.93	5009	11935	600
	Mar 2013	420	373	14	600	0	600	3599.60	4991	11712	600
	Apr 2013	650	531	23	550	0	550	3599.19	4988	11673	550
	May 2013	1400	1160	27	600	0	600	3604.31	5027	12166	600
	Jun 2013	1700	1398	44	800	0	800	3609.49	5068	12679	800
	Jul 2013	650	630	53	801	0	801	3607.42	5051	12472	801
	Aug 2013	340	457	52	850	0	850	3603.22	5018	12060	850
	Sep 2013	300	399	47	600	0	600	3600.84	5000	11830	600
	WY 2013	**6577**	**6345**	**377**	**8152**	**78**	**8230**				**8232**
	Oct 2013	422	451	32	600	0	600	3599.08	4987	11662	600
	Nov 2013	431	431	31	600	0	600	3597.12	4972	11477	600
	Dec 2013	363	392	24	800	0	800	3592.82	4940	11077	800
	Jan 2014	361	400	7	800	0	800	3588.67	4910	10700	800
	Feb 2014	393	409	8	600	0	600	3586.61	4895	10516	600
	Mar 2014	665	563	13	600	0	600	3586.08	4891	10470	600
	Apr 2014	1056	834	21	600	0	600	3588.30	4907	10667	600
	May 2014	2343	1948	26	600	0	600	3601.48	5005	11892	600
	Jun 2014	2666	2218	44	650	0	650	3615.60	5118	13302	650
	Jul 2014	1091	962	56	850	0	850	3616.10	5122	13354	850
	Aug 2014	500	599	55	900	0	900	3612.89	5096	13024	900
	Sep 2014	408	527	50	630	0	630	3611.50	5084	12882	630
	WY 2014	**10698**	**9733**	**368**	**8230**	**0**	**8230**				**8230**
	Oct 2014	512	566	35	600	0	600	3610.87	5079	12818	600
	Nov 2014	473	515	33	600	0	600	3609.78	5070	12708	600
	Dec 2014	363	488	26	800	0	800	3606.63	5045	12394	800

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Managing Water in the West

January 2013 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Glen Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Jan 2012	852	55	37	713	11.6	9	712	976	1134.18	15022
H	Feb 2012	653	44	34	775	13.5	10	775	969	1133.06	14907
I	Mar 2012	600	43	38	986	16.0	16	985	945	1129.41	14535
S	Apr 2012	606	46	46	1170	19.7	20	1163	909	1123.93	13986
T	May 2012	601	16	52	1008	16.4	30	1007	880	1119.38	13541
O	Jun 2012	709	7	62	989	16.6	28	989	858	1115.84	13200
R	Jul 2012	886	69	77	841	13.7	29	819	858	1115.92	13207
I	Aug 2012	800	169	82	798	13.0	24	793	862	1116.56	13269
C	Sep 2012	481	97	67	635	10.7	18	634	854	1115.16	13135
	WY 2012	**9466**	**732**	**638**	**9421**		**226**	**9356**			
A	Oct 2012	498	53	49	346	5.6	20	331	862	1116.50	13263
L	Nov 2012	730	60	49	650	10.9	14	649	867	1117.24	13334
*	Dec 2012	801	50	43	476	7.7	11	432	886	1120.36	13636
	Jan 2013	800	78	35	617	10.0	15	617	899	1122.39	13835
	Feb 2013	600	98	32	663	11.9	17	663	898	1122.25	13821
	Mar 2013	600	78	36	967	15.7	21	967	877	1118.91	13496
	Apr 2013	550	76	44	1123	18.9	13	1123	843	1113.49	12975
	May 2013	600	64	50	1025	16.7	24	1025	817	1109.14	12567
	Jun 2013	800	33	59	944	15.9	22	944	805	1107.19	12387
	Jul 2013	801	54	73	930	15.1	28	930	794	1105.39	12222
	Aug 2013	850	103	78	859	14.0	23	859	794	1105.33	12216
	Sep 2013	600	74	64	686	11.5	18	686	788	1104.36	12128
	WY 2013	**8230**	**821**	**612**	**9285**		**227**	**9224**			
	Oct 2013	600	49	46	525	8.5	17	525	792	1105.00	12186
	Nov 2013	600	46	46	602	10.1	23	602	791	1104.73	12162
	Dec 2013	800	108	40	526	8.6	18	526	810	1108.04	12465
	Jan 2014	800	78	33	697	11.3	16	697	818	1109.38	12589
	Feb 2014	600	98	31	674	12.1	18	674	817	1109.14	12567
	Mar 2014	600	78	34	1015	16.5	21	1015	793	1105.13	12198
	Apr 2014	600	76	42	1104	18.6	14	1104	763	1100.10	11744
	May 2014	600	64	47	1001	16.3	24	1001	738	1095.78	11361
	Jun 2014	650	33	56	930	15.6	22	930	719	1092.30	11056
	Jul 2014	850	54	69	863	14.0	28	863	715	1091.69	11003
	Aug 2014	900	103	74	826	13.4	23	826	720	1092.55	11078
	Sep 2014	630	74	61	623	10.5	19	623	720	1092.57	11080
	WY 2014	**8230**	**861**	**580**	**9384**		**243**	**9384**			
	Oct 2014	600	49	44	452	7.4	17	452	728	1094.03	11208
	Nov 2014	600	46	45	590	9.9	23	590	728	1093.89	11196
	Dec 2014	800	108	39	484	7.9	18	484	750	1097.81	11540

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Managing Water in the West

January 2013 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Jan 2012	713	-23	10	638	0	638	10.4	640.38	1628
H	Feb 2012	775	-18	10	726	0	726	12.6	641.20	1650
I	Mar 2012	986	-23	13	931	0	931	15.1	641.93	1670
S	Apr 2012	1170	-24	17	1091	0	1091	18.3	643.35	1708
T	May 2012	1008	-14	22	980	0	980	15.9	643.06	1700
O	Jun 2012	989	-19	25	952	0	952	16.0	642.80	1693
R	Jul 2012	841	-9	25	805	0	805	13.1	642.89	1696
I	Aug 2012	798	-11	23	744	0	744	12.1	643.63	1716
C	Sep 2012	635	-5	18	723	0	723	12.1	639.55	1605
	WY 2012	**9421**	**-177**	**197**	**9051**	**0**	**9051**			
A	Oct 2012	346	-3	14	556	0	556	9.0	630.75	1377
L	Nov 2012	650	-11	10	499	0	499	8.4	635.82	1507
*	Dec 2012	476	-6	9	395	0	395	6.4	638.30	1572
	Jan 2013	617	-13	10	508	0	508	8.3	641.50	1658
	Feb 2013	663	-6	10	634	0	634	11.4	642.00	1671
	Mar 2013	967	-14	13	911	0	911	14.8	643.05	1700
	Apr 2013	1123	-14	17	1094	0	1094	18.4	643.00	1699
	May 2013	1025	-14	22	989	0	989	16.1	643.00	1699
	Jun 2013	944	-10	25	936	0	936	15.7	642.00	1671
	Jul 2013	930	-4	25	913	0	913	14.9	641.50	1658
	Aug 2013	859	-7	23	829	0	829	13.5	641.50	1658
	Sep 2013	686	0	18	761	0	761	12.8	638.00	1564
	WY 2013	**9285**	**-105**	**196**	**9024**	**0**	**9024**			
	Oct 2013	525	0	15	640	0	640	10.4	633.00	1434
	Nov 2013	602	-15	10	525	0	525	8.8	635.00	1486
	Dec 2013	526	-19	9	401	0	401	6.5	638.71	1583
	Jan 2014	697	-13	10	591	0	591	9.6	641.80	1666
	Feb 2014	674	-6	10	658	0	658	11.8	641.80	1666
	Mar 2014	1015	-14	13	953	0	953	15.5	643.05	1700
	Apr 2014	1104	-14	17	1075	0	1075	18.1	643.00	1699
	May 2014	1001	-14	22	964	0	964	15.7	643.00	1699
	Jun 2014	930	-10	25	921	0	921	15.5	642.00	1671
	Jul 2014	863	-4	25	847	0	847	13.8	641.50	1658
	Aug 2014	826	-7	23	796	0	796	12.9	641.50	1658
	Sep 2014	623	0	18	698	0	698	11.7	638.00	1564
	WY 2014	**9384**	**-118**	**197**	**9070**	**0**	**9070**			
	Oct 2014	452	0	15	568	0	568	9.2	633.00	1434
	Nov 2014	590	-15	10	514	0	514	8.6	635.00	1486
	Dec 2014	484	-19	9	358	0	358	5.8	638.71	1583

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

January 2013 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
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	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	Jan 2012	638	11	6	382	6.2	54	187	446.61	554	131	2.1
H	Feb 2012	726	11	8	497	8.6	49	169	447.10	563	159	2.8
I	Mar 2012	931	8	9	711	11.6	21	187	447.23	565	187	3.0
S	Apr 2012	1091	24	11	785	13.2	97	180	449.13	602	183	3.1
T	May 2012	980	26	13	709	11.5	100	179	448.81	596	99	1.6
O	Jun 2012	952	10	15	719	12.1	97	130	448.23	584	103	1.7
R	Jul 2012	805	46	17	675	11.0	101	34	448.91	598	124	2.0
I	Aug 2012	744	26	17	568	9.2	100	85	448.38	587	97	1.6
C	Sep 2012	723	31	15	548	9.2	74	137	446.98	561	90	1.5
	WY 2012	**9051**	**289**	**140**	**6652**		**723**	**1763**			**1435**	
A	Oct 2012	556	34	12	482	7.8	14	32	449.31	606	70	1.1
L	Nov 2012	499	27	9	348	5.9	14	174	448.06	581	88	1.5
*	Dec 2012	395	21	7	289	4.7	15	132	446.41	550	131	2.2
	Jan 2013	508	15	6	354	5.7	62	86	447.00	561	130	2.1
	Feb 2013	634	7	8	462	8.3	9	155	447.00	561	158	2.9
	Mar 2013	911	18	9	682	11.1	52	183	446.70	555	187	3.0
	Apr 2013	1094	19	11	786	13.2	92	177	448.70	593	205	3.5
	May 2013	989	18	13	703	11.4	95	184	448.70	593	112	1.8
	Jun 2013	936	15	16	698	11.7	92	131	448.70	593	114	1.9
	Jul 2013	913	21	17	732	11.9	95	91	448.00	580	115	1.9
	Aug 2013	829	22	17	644	10.5	98	89	447.50	571	105	1.7
	Sep 2013	761	20	15	556	9.3	92	122	446.81	557	102	1.7
	WY 2013	**9024**	**238**	**140**	**6736**		**731**	**1556**			**1516**	
	Oct 2013	640	23	12	448	7.3	66	139	446.31	548	64	1.0
	Nov 2013	525	32	8	374	6.3	65	100	446.50	552	102	1.7
	Dec 2013	401	26	6	275	4.5	67	74	446.50	552	106	1.7
	Jan 2014	591	15	6	330	5.4	89	176	446.50	552	125	2.0
	Feb 2014	658	7	8	444	8.0	79	127	446.50	552	156	2.8
	Mar 2014	953	18	9	686	11.2	89	175	446.70	555	201	3.3
	Apr 2014	1075	19	11	782	13.1	86	169	448.70	593	212	3.6
	May 2014	964	18	13	695	11.3	89	173	448.70	593	111	1.8
	Jun 2014	921	15	16	685	11.5	86	137	448.70	593	109	1.8
	Jul 2014	847	21	17	724	11.8	89	38	448.00	580	111	1.8
	Aug 2014	796	22	17	640	10.4	89	70	447.50	571	105	1.7
	Sep 2014	698	20	15	545	9.2	60	101	446.81	557	102	1.7
	WY 2014	**9070**	**237**	**139**	**6627**		**954**	**1481**			**1503**	
	Oct 2014	568	23	12	443	7.2	15	124	446.31	548	65	1.1
	Nov 2014	514	32	8	365	6.1	15	147	446.50	552	99	1.7
	Dec 2014	358	26	6	266	4.3	15	92	446.50	552	105	1.7

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

January 2013 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Jan 2012	713	11.6	1134.18	15022	139	485.97	1146.0	308.0	61	432.1
H	Feb 2012	775	13.5	1133.06	14907	-115	484.32	1282.0	338.6	68	436.7
I	Mar 2012	986	16.0	1129.41	14535	-372	481.45	1047.0	427.4	56	433.4
S	Apr 2012	1170	19.7	1123.93	13986	-548	475.07	1164.0	505.3	62	432.0
T	May 2012	1008	16.4	1119.38	13541	-445	471.90	1050.0	429.0	56	425.4
O	Jun 2012	989	16.6	1115.84	13200	-341	470.21	1829.0	414.2	100	418.8
R	Jul 2012	841	13.7	1115.92	13207	8	471.23	1374.0	349.7	76	415.6
I	Aug 2012	798	13.0	1116.56	13269	61	471.53	1809.0	331.4	100	415.2
C	Sep 2012	635	10.7	1115.16	13135	-134	473.98	1809.0	261.9	100	412.2
	WY 2012	**9421**							**3985.6**		
A	Oct 2012	346	5.6	1116.50	13263	128	476.50	1051.0	141.3	58	409.0
L	Nov 2012	650	10.9	1117.24	13334	71	473.22	1051.0	276.3	58	424.7
*	Dec 2012	476	7.7	1120.36	13636	302	475.06	1520.0	198.5	84	417.3
	Jan 2013	617	10.0	1122.39	13835	198	474.18	1062.0	261.3	59	423.7
	Feb 2013	663	11.9	1122.25	13821	-14	473.92	1077.0	284.5	59	429.1
	Mar 2013	967	15.7	1118.91	13496	-325	470.23	1304.0	415.4	72	429.6
	Apr 2013	1123	18.9	1113.49	12975	-521	466.94	1055.0	494.6	59	440.6
	May 2013	1025	16.7	1109.14	12567	-408	461.86	1078.0	437.3	61	426.5
	Jun 2013	944	15.9	1107.19	12387	-180	454.79	1756.0	387.2	100	410.1
	Jul 2013	930	15.1	1105.39	12222	-165	453.42	1747.0	377.7	100	406.3
	Aug 2013	859	14.0	1105.33	12216	-6	452.66	1748.0	352.5	100	410.5
	Sep 2013	686	11.5	1104.36	12128	-88	453.29	1744.0	275.2	100	401.2
	WY 2013	**9285**							**3901.8**		
	Oct 2013	525	8.5	1105.00	12186	58	457.59	1374.0	207.9	79	396.4
	Nov 2013	602	10.1	1104.73	12162	-24	459.32	1386.0	245.6	79	408.0
	Dec 2013	526	8.6	1108.04	12465	303	459.00	1394.0	209.3	79	397.5
	Jan 2014	697	11.3	1109.38	12589	124	460.18	1226.0	286.8	69	411.5
	Feb 2014	674	12.1	1109.14	12567	-22	458.41	1435.0	276.9	81	411.1
	Mar 2014	1015	16.5	1105.13	12198	-369	455.26	1516.0	414.6	87	408.6
	Apr 2014	1104	18.6	1100.10	11744	-454	450.94	1401.0	456.9	82	413.8
	May 2014	1001	16.3	1095.78	11361	-383	444.31	1694.0	395.6	100	395.3
	Jun 2014	930	15.6	1092.30	11056	-305	440.77	1694.0	369.6	100	397.5
	Jul 2014	863	14.0	1091.69	11003	-53	439.23	1694.0	344.7	100	399.4
	Aug 2014	826	13.4	1092.55	11078	75	439.51	1694.0	328.6	100	397.7
	Sep 2014	623	10.5	1092.57	11080	2	441.09	1694.0	244.7	100	393.0
	WY 2014	**9384**							**3781.1**		
	Oct 2014	452	7.4	1094.03	11208	127	446.27	1330.8	178.0	79	393.6
	Nov 2014	590	9.9	1093.89	11196	-12	448.47	1344.7	235.3	79	398.7
	Dec 2014	484	7.9	1097.81	11540	344	448.52	1338.7	192.9	79	398.6

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Managing Water in the West

January 2013 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Jan 2012	638	10.4	640.38	1628	42	138.75	170.9	77.2	67	121.0
H	Feb 2012	726	12.6	641.20	1650	22	140.80	163.2	90.8	64	125.1
I	Mar 2012	931	15.1	641.93	1670	20	140.23	204.0	117.4	80	126.2
S	Apr 2012	1091	18.3	643.35	1708	39	142.08	249.9	147.4	98	135.2
T	May 2012	980	15.9	643.06	1700	-8	141.39	252.5	128.9	99	131.5
O	Jun 2012	952	16.0	642.80	1693	-7	140.12	255.0	122.6	100	128.8
R	Jul 2012	805	13.1	642.89	1696	2	143.36	255.0	100.7	100	125.1
I	Aug 2012	744	12.1	643.63	1716	20	142.43	252.5	92.5	99	124.3
C	Sep 2012	723	12.1	639.55	1605	-111	137.86	255.0	96.5	100	133.5
	WY 2012	**9051**							**1153.5**		
A	Oct 2012	556	9.0	630.75	1377	-228	130.98	206.6	68.5	81	123.3
L	Nov 2012	499	8.4	635.82	1507	130	136.16	168.3	67.9	66	136.0
*	Dec 2012	395	6.4	638.30	1572	65	134.78	183.6	44.1	72	111.7
	Jan 2013	508	8.3	641.50	1658	86	135.60	163.2	63.4	64	124.9
	Feb 2013	634	11.4	642.00	1671	14	137.63	158.1	79.4	62	125.3
	Mar 2013	911	14.8	643.05	1700	29	136.52	219.3	113.7	86	124.9
	Apr 2013	1094	18.4	643.00	1699	-2	136.07	255.0	136.0	100	124.3
	May 2013	989	16.1	643.00	1699	0	136.04	255.0	123.6	100	124.9
	Jun 2013	936	15.7	642.00	1671	-27	135.51	255.0	116.6	100	124.6
	Jul 2013	913	14.9	641.50	1658	-14	134.73	255.0	113.4	100	124.2
	Aug 2013	829	13.5	641.50	1658	0	134.46	255.0	103.1	100	124.4
	Sep 2013	761	12.8	638.00	1564	-94	132.62	255.0	93.7	100	123.1
	WY 2013	**9024**							**1123.5**		
	Oct 2013	640	10.4	633.00	1434	-130	129.33	214.2	76.9	84	120.1
	Nov 2013	525	8.8	635.00	1486	51	127.83	211.7	62.7	83	119.3
	Dec 2013	401	6.5	638.71	1583	97	130.91	209.1	49.2	82	122.8
	Jan 2014	591	9.6	641.80	1666	83	134.46	209.1	73.7	82	124.7
	Feb 2014	658	11.8	641.80	1666	0	136.08	209.1	82.4	82	125.2
	Mar 2014	953	15.5	643.05	1700	34	135.44	255.0	118.8	100	124.6
	Apr 2014	1075	18.1	643.00	1699	-2	136.07	255.0	133.8	100	124.4
	May 2014	964	15.7	643.00	1699	0	136.04	255.0	120.6	100	125.1
	Jun 2014	921	15.5	642.00	1671	-27	135.51	255.0	114.9	100	124.7
	Jul 2014	847	13.8	641.50	1658	-14	134.73	255.0	105.5	100	124.5
	Aug 2014	796	12.9	641.50	1658	0	134.46	255.0	99.2	100	124.6
	Sep 2014	698	11.7	638.00	1564	-94	132.62	255.0	86.1	100	123.4
	WY 2014	**9070**							**1123.6**		
	Oct 2014	568	9.2	633.00	1434	-130	129.33	214.2	68.4	84	120.5
	Nov 2014	514	8.6	635.00	1486	51	127.83	211.7	61.3	83	119.4
	Dec 2014	358	5.8	638.71	1583	97	130.91	209.1	44.1	82	123.1

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

January 2013 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Jan 2012	382	6.2	446.61	554	17	80.68	67.2	25.6	56	67.1
H	Feb 2012	497	8.6	447.10	563	9	80.85	94.8	35.1	79	70.7
I	Mar 2012	711	11.6	447.23	565	2	81.75	97.2	48.8	81	68.6
S	Apr 2012	785	13.2	449.13	602	36	83.37	120.0	54.1	100	69.0
T	May 2012	709	11.5	448.81	596	-6	81.37	111.6	49.6	93	69.9
O	Jun 2012	719	12.1	448.23	584	-11	79.00	120.0	49.7	100	69.1
R	Jul 2012	675	11.0	448.91	598	13	82.94	120.0	46.8	100	69.4
I	Aug 2012	568	9.2	448.38	587	-10	80.54	120.0	39.3	100	69.2
C	Sep 2012	548	9.2	446.98	561	-26	81.05	120.0	37.8	100	69.0
	WY 2012	**6652**							**458.2**		
A	Oct 2012	482	7.8	449.31	606	44	83.52	96.0	33.3	80	69.0
L	Nov 2012	348	5.9	448.06	581	-24	82.22	92.4	24.1	77	69.2
*	Dec 2012	289	4.7	446.41	550	-31	80.98	103.2	19.5	86	67.5
	Jan 2013	354	5.7	447.00	561	11	74.91	102.0	22.6	85	63.9
	Feb 2013	462	8.3	447.00	561	0	74.40	120.0	29.8	100	64.6
	Mar 2013	682	11.1	446.70	555	-6	74.26	120.0	44.4	100	65.1
	Apr 2013	786	13.2	448.70	593	38	75.08	120.0	51.9	100	66.0
	May 2013	703	11.4	448.70	593	0	76.05	120.0	46.8	100	66.5
	Jun 2013	698	11.7	448.70	593	0	76.05	120.0	46.4	100	66.5
	Jul 2013	732	11.9	448.00	580	-13	75.71	120.0	48.5	100	66.3
	Aug 2013	644	10.5	447.50	571	-10	75.13	120.0	42.2	100	65.6
	Sep 2013	556	9.3	446.81	557	-13	74.55	120.0	36.1	100	64.9
	WY 2013	**6736**							**445.6**		
	Oct 2013	448	7.3	446.31	548	-9	74.77	102.0	28.9	85	64.6
	Nov 2013	374	6.3	446.50	552	3	74.62	102.0	23.9	85	64.0
	Dec 2013	275	4.5	446.50	552	0	74.71	102.0	17.2	85	62.7
	Jan 2014	330	5.4	446.50	552	0	74.71	102.0	21.0	85	63.5
	Feb 2014	444	8.0	446.50	552	0	73.92	120.0	28.5	100	64.1
	Mar 2014	686	11.2	446.70	555	4	74.01	120.0	44.5	100	64.9
	Apr 2014	782	13.1	448.70	593	38	75.08	120.0	51.6	100	66.0
	May 2014	695	11.3	448.70	593	0	76.05	120.0	46.2	100	66.5
	Jun 2014	685	11.5	448.70	593	0	76.05	120.0	45.5	100	66.5
	Jul 2014	724	11.8	448.00	580	-13	75.71	120.0	48.0	100	66.3
	Aug 2014	640	10.4	447.50	571	-10	75.13	120.0	42.0	100	65.6
	Sep 2014	545	9.2	446.81	557	-13	74.55	120.0	35.4	100	64.9
	WY 2014	**6627**							**432.7**		
	Oct 2014	443	7.2	446.31	548	-9	74.77	102.0	28.6	85	64.6
	Nov 2014	365	6.1	446.50	552	3	74.62	102.0	23.3	85	64.0
	Dec 2014	266	4.3	446.50	552	0	74.71	102.0	16.6	85	62.6

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Managing Water in the West

January 2013 24-Month Study

Most Probable Inflow*

Upper Basin Power

	Date	Glen Canyon 1000 MWHR	Flaming Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Reservoir 1000 MWHR	Fontenelle Reservoir 1000 MWHR
*	Jan 2012	388	58	15	18	10	5
H	Feb 2012	295	54	9	12	2	4
I	Mar 2012	275	62	9	12	6	4
	Winter 2012	**2475**	**300**	**97**	**117**	**61**	**26**
S	Apr 2012	276	47	16	22	14	4
T	May 2012	276	61	19	28	17	4
O	Jun 2012	324	34	26	33	19	7
R	Jul 2012	398	33	24	31	18	6
I	Aug 2012	360	31	21	28	16	6
C	Sep 2012	214	27	17	25	12	4
	Summer 2012	**1849**	**232**	**123**	**168**	**94**	**31**
A	Oct 2012	221	20	8	13	6	2
*	Dec 2012	346	27	4	6	2	4
	Jan 2013	320	27	6	6	3	4
	Feb 2013	238	24	3	5	3	3
	Mar 2013	237	18	5	7	4	4
	Winter 2013	**1361**	**115**	**26**	**38**	**18**	**17**
	Apr 2013	216	17	9	14	8	4
	May 2013	237	35	17	27	16	7
	Jun 2013	320	55	16	24	14	9
	Jul 2013	321	27	26	34	17	8
	Aug 2013	338	27	27	35	18	8
	Sep 2013	237	26	21	28	14	6
	Summer 2013	**1669**	**187**	**115**	**163**	**87**	**41**
	Oct 2013	236	27	12	16	9	6
	Nov 2013	235	26	4	5	3	6
	Dec 2013	311	27	4	6	4	6
	Jan 2014	309	27	7	9	5	5
	Feb 2014	230	24	6	8	5	4
	Mar 2014	229	27	7	11	6	4
	Winter 2014	**1551**	**157**	**38**	**56**	**32**	**32**
	Apr 2014	230	26	10	17	10	5
	May 2014	234	44	34	52	23	6
	Jun 2014	261	82	11	20	16	8
	Jul 2014	346	37	25	31	18	10
	Aug 2014	365	37	37	44	23	7
	Sep 2014	254	36	32	38	19	6
	Summer 2014	**1689**	**263**	**148**	**203**	**109**	**43**
	Oct 2014	242	37	17	22	12	6
	Nov 2014	241	36	9	11	6	6
	Dec 2014	320	37	23	29	15	6

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2136

Processed On: 1/9/2013 1:38:06PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

January 2013 24-Month Study

Most Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions

Date	Flaming George KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Total KAF	Flaming George KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****EFFECTIVE SPACE****										
Jan 2013	895	502	739	11615	13751	13741	27492	895	502	739	2136	11615	13741	27492	5350	617	0	32.9
Jan 2013	895	502	739	11615	13751	13741	27492	329	145	260	735	11615	13741	26108	5350	617	0	32.9
Feb 2013	942	506	754	12097	14300	13542	27841	375	151	274	801	12097	13542	26457	1500	663	0	32.5
Mar 2013	979	503	769	12387	14637	13556	28190	410	150	289	849	12387	13556	26806	1500	967	0	32.1
Apr 2013	951	496	765	12610	14822	13881	28698	376	145	282	803	12610	13881	27307	1500	1123	0	31.6
May 2013	895	481	739	12649	14764	14402	29159	314	128	237	679	12649	14402	27740	1500	1025	0	31.9
Jun 2013	826	432	661	12156	14074	14810	28874	234	68	123	426	12156	14810	27399	1500	944	0	32.5
Jul 2013	690	349	621	11643	13302	14990	28278	86	-29	32	89	11643	14990	26725	1500	930	0	32.1
								****CREDITABLE SPACE****										
Aug 2013	621	371	646	11850	13487	15155	28626	621	371	646	1637	11850	15155	28626	1500	859	0	31.6
Sep 2013	641	419	681	12262	14003	15161	29145	641	419	681	1741	12262	15161	29145	2270	686	0	31.1
Oct 2013	680	455	697	12492	14323	15249	29549	680	455	697	1831	12492	15249	29549	3040	525	0	30.8
Nov 2013	710	461	695	12660	14526	15191	29686	710	461	695	1866	12660	15191	29686	3810	602	0	30.6
Dec 2013	737	446	696	12845	14723	15215	29900	737	446	696	1879	12845	15215	29900	4580	526	0	30.6
Jan 2014	778	434	705	13245	15162	14912	30034	778	434	705	1917	13245	14912	30034	5350	697	0	30.4
								****EFFECTIVE SPACE****										
Jan 2014	778	434	705	13245	15162	14912	30034	434	417	485	1336	13245	14912	29428	5350	697	0	30.4
Feb 2014	814	433	717	13622	15586	14788	30332	467	417	496	1380	13622	14788	29723	1500	674	0	30.1
Mar 2014	839	431	717	13806	15794	14810	30560	489	416	495	1400	13806	14810	29948	1500	1015	0	29.9
Apr 2014	816	421	663	13852	15752	15179	30887	461	405	438	1304	13852	15179	30266	1500	1104	0	29.8
May 2014	761	385	568	13655	15369	15633	30958	399	364	323	1086	13655	15633	30305	1500	1001	0	31.0
Jun 2014	648	303	436	12430	13818	16016	29798	275	261	156	691	12430	16016	29077	1500	930	0	32.5
Jul 2014	495	103	384	11020	12002	16321	28311	109	36	51	195	11020	16321	27499	1500	863	0	32.6
								****CREDITABLE SPACE****										
Aug 2014	405	71	391	10968	11835	16374	28197	405	71	391	867	10968	16374	28197	1500	826	0	32.2
Sep 2014	432	121	406	11298	12257	16299	28544	432	121	406	958	11298	16299	28544	2270	623	0	31.8
Oct 2014	486	179	406	11440	12512	16297	28797	486	179	406	1072	11440	16297	28797	3040	452	0	31.7
Nov 2014	536	196	397	11504	12634	16169	28789	536	196	397	1130	11504	16169	28789	3810	590	0	31.6
Dec 2014	586	195	397	11614	12793	16181	28957	586	195	397	1178	11614	16181	28957	4580	484	0	31.6

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2136

Processed On: 1/9/2013 1:38:06PM

March 24-Month Study
Date: March 11, 2013

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

Reservoir	February Inflow (unregulated) (acre-feet)	Percent of Average (%)	March 10 Midnight Elevation (feet)	Reservoir Storage (acre-feet)
Fontenelle	23,000	83	6473.39	133,000
Flaming Gorge	30,000	68	6019.75	2,971,000
Blue Mesa	16,000	71	7453.04	330,000
Navajo	13,000	42	6022.56	936,000
Powell	262,000	67	3600.68	11,815,000

Expected Operations

The operation of Lake Powell and Lake Mead in this March 2013 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines), and reflects the 2013 Annual Operating Plan (AOP). Pursuant to the Interim Guidelines, the August 2012 24-Month Study projections of the January 1, 2013, system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2013.

Consistent with Section 6.B of the Interim Guidelines, the Lake Powell operational tier for water year 2013 is the Upper Elevation Balancing Tier. The March 2013 24-Month Study projects the water year release volume from Lake Powell for 2013 to be 8.23 million acre-feet (maf).

Consistent with Section 6.B.3 of the Interim Guidelines, if the April 24-Month study projects the September 30 Lake Powell elevation to be greater than the 2013 Equalization elevation of 3,646.0 feet with an annual release from Lake Powell of 8.23 maf, the Equalization Tier will govern operations of Lake Powell for the remainder of the water year. If such an adjustment occurs, the water year release volume from Lake Powell may be greater than 8.23 maf. Based on analysis of a range of inflow scenarios, an adjustment to Equalization is not anticipated in 2013.

Consistent with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar year 2013.

The Interim Guidelines are available for download at
http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The 2013 AOP is available for download at
http://www.usbr.gov/uc/water/rsvrs/ops/aop/AOP13_final.pdf
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Fontenelle Reservoir – Inflows to Fontenelle Reservoir for the month of February were 23,000 acre-feet (AF), or 83 percent of average. The reservoir elevation is 6474.3 feet, 40 percent of live capacity and will be decreasing over the winter. Inflows are averaging 300 cubic feet per second (cfs). Reservoir releases remain at 850 cfs and will likely remain near this level through the fall and winter months.

Inflows for the next three months are projected to be below average: with March, April and May forecasted inflow volumes at 38,000 AF (72% of average), 60,000 AF (70% of average), and 90,000 AF (55% of average), respectively. The Colorado Basin River Forecast Center has issued the official water supply forecast for the April through July unregulated inflow volume which is 435,000 af or 56 percent of the 1981-2010 thirty-year average.

The next Fontenelle Working Group meeting is scheduled for April 25, 2013, at 10:00 am at the Seedskadee National Wildlife Refuge. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir. The autumn Fontenelle Working Group meeting was held on August 23, 2012 at Joint Powers and Water Board in Green River, Wyoming. Minutes from the meeting are posted on the Working Group webpages.

Flaming Gorge Reservoir – Unregulated inflow into Flaming Gorge Reservoir during the month of February was 30,000 acre-feet (af), or 68 percent of average. The reservoir elevation is 6019.7 feet and dropping. Observed inflows are approximately 800 cubic feet per second (cfs).

Forecasts remain below average and Flaming Gorge Dam is in the moderately dry hydrologic classification as outlined in the Record of Decision. Flaming Gorge Dam releases are currently steady at approximately 820 cfs, and are expected to remain at this level until spring runoff begins sometime in late May or early June. Information on spring releases will be updated throughout the next few months.

The Colorado Basin River Forecast Center has issued the official March water supply forecast for the April through July unregulated inflow volume which is 550,000 af or 56 percent of the 1981-2010 thirty-year average. The spring hydrologic classification would be moderately dry if the May 1 final unregulated inflow forecast into Flaming Gorge Reservoir remains in the range between 428,000 and 779,000 af. If conditions decrease

and the May 1 final forecast drops below 428,000 af, the hydrologic condition will be dry. Alternatively, if conditions improve and the May final forecast increases above 779,000 af, the hydrologic classification would be average (below median). into average (below median) if the May 1 final forecast increased above 779,000 af.

The next Flaming Gorge Working Group meeting is scheduled for April 24, 2013, at 11:00 a.m. at the new Utah Department of Natural Resources building in Vernal, Utah, located at 318 North Vernal Avenue. The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stake holders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations and plans presented by Reclamation at these meetings. For more information on this group and these meetings please contact Ed Vidmar at 801-379-1182.

Aspinall Unit Reservoirs – February unregulated inflow into Blue Mesa Reservoir was 16,000 acre-feet or 71 percent of average. On March 7, 2013 the basin snowpack was 78 percent of average, which is a slight increase of 1.0 percent from a month earlier. Precipitation during February was only 65 percent of average. The current inflow rate into Blue Mesa Reservoir is about 300 cfs while reservoir releases are averaging about 275 cfs. The reservoir elevation is currently at 7452.99 feet, which corresponds to a storage content of about 529,000 acre-feet. This elevation is about 30 foot lower than last year's March elevation.

The latest Water Supply Forecast for Water Year 2013 has been issued and the April through July unregulated inflow is forecasted to be at 360,000 acre-feet (53% of normal), this is 10,000 acre-feet lower than last month's forecast. If this forecast holds through May 1st, the Black Canyon Water Right would call for a one day peak flow of 638 cfs. At this time Reclamation plans to continue to operate the Aspinall Unit to allow the water right to be met. Based on this forecast and the combination of meeting the Black Canyon Water this coming spring, Blue Mesa Reservoir is projected to not fill this runoff season. The projected fill is calculated to be about 7471.0 feet, or about 48.0 feet short of top of active conservation pool.

Releases from Crystal are currently set at 350 cfs. The Gunnison Diversion Tunnel is currently shut down for the season, with the exception of some small 20 to 30 cfs diversions taken for municipal water needs in Montrose, Colorado. The tunnel is expected to reopen for irrigation season sometime during the last week of March.

Reservoir releases are likely to change during March into May as we respond to changing forecasts and runoff conditions.

The next meeting of the "Aspinall Unit Working Group" will be held on Thursday, April 25, 2013 starting at 1:00 PM in Reclamation's Grand Junction Office. At this meeting, review of this winter's reservoir operations, and plans for this spring and summer operations will be discussed. These meetings are open forum discussions on the Aspinall Unit reservoir operations with many interested groups participating. Anyone needing

further information about these meetings should contact Dan Crabtree in the Grand Junction Area Office at (970) 248-0652.

Navajo Reservoir **–** Releases from Navajo Reservoir remain near a constant 350 cfs. Reservoir releases are made for the authorized purposes of the Navajo Unit, and to attempt to maintain a target base flow through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell).

The San Juan River Basin Recovery Implementation Program recommends a target base flow of between 500 cfs and 1,000 cfs through the critical habitat area. The target base flow is calculated as the weekly average of gaged flows throughout the critical habitat area, therefore daily flows of less than 500 cfs may occur at some gages.

The current San Juan River basin snowpack as of March 7th is 79% of average snow water equivalent (SWE). For the Animas River Basin it is 81%. Pending significant changes in the weather and stream flow conditions, the reservoir release will likely remain at 350 cfs until further notice.

Precipitation for the month of February in the San Juan River basin was only 65% of average as compared to January's 130% and December's 100% of average. Unregulated inflow into Navajo Reservoir during the month of February was 12,600 acre-feet, or 42 percent of average. Currently, the daily reservoir inflow is averaging about 300 cfs. Diversions for NIIP have recently restarted and have been as high as 150 cfs. The reservoir water surface elevation is at 6022.56 feet, which corresponds to a storage content of about 936,000 acre-feet.

A public meeting on Navajo Reservoir operations will be held on Tuesday, April 23, 2013, starting at 1:00 pm at the Civic Center in Farmington, New Mexico (200 West Arrington Street). At this meeting, review of this winter's reservoir operations, and plans for this spring and summer operations will be discussed. These meetings are open forum discussions on the operation of Navajo Reservoir with many interested groups participating. Anyone interested in the general operation of the reservoir is encouraged to attend. Please contact Ryan Christianson in Reclamation's Durango, Colorado Office at (970) 385-6590 for information about these meetings or the daily operation of Navajo Reservoir.

Glen Canyon Dam / Lake Powell **–**

Current Status

The unregulated inflow volume to Lake Powell in February was 262 thousand acre-feet (kaf) (67% of average). The release volume from Glen Canyon Dam in February was 600 kaf. The end of February elevation and storage of Lake Powell were 3601.5 feet (98.5 feet from full pool) and 11.89 maf (49% of full capacity). The reservoir elevation will continue to decline until snowmelt and spring runoff begin to fill the reservoir in late spring.

Current Operations

The operating tier for 2013 is the Upper Elevation Balancing Tier, as establish in August 2012 and pursuant to the Interim Guidelines. However, if the April 24-Month study projects the September 30 Lake Powell elevation to be greater than the 2013 Equalization elevation of 3,646.0 feet, the Equalization Tier will govern operations of Lake Powell for the remainder of the water year and the water year release volume from Lake Powell may be greater than 8.23 maf. Based on analysis of a range of inflow scenarios, an adjustment to Equalization is not anticipated in 2013. As hydrologic conditions for Lake Powell and Lake Mead change throughout the year, Reclamation will adjust operations of Glen Canyon Dam to release the appropriate annual volume during 2013 to achieve the governing operating tier objectives as practicably as possible by September 30, 2013.

Releases from Glen Canyon Dam in March are currently averaging approximately 10,000 cfs with daily fluctuations between approximately 7,000cfs and 13,000cfs and consistent with the Glen Canyon Operating Criteria (Federal Register, Volume 62, No. 41, March 3, 1997). Releases in March are currently fluctuating between a nighttime low with a peak in the mid-morning and again in the evening. The scheduled release volume for March 2013 is 600 kaf.

In April, the release volume will likely be about 550 kaf, with fluctuations for hydropower of approximately 6,500 cfs in the nighttime and double peaking up to 11,500 cfs during the mid-morning and evening hours. In May, the release volume will likely be about 600 kaf with double-peaking fluctuations between approximately 7,000 cfs and 13,000 cfs.

In addition to daily scheduled fluctuations for power generation, the instantaneous releases from Glen Canyon Dam may also fluctuate to provide 40 MW of system regulation. These instantaneous release adjustments stabilize the electrical generation and transmission system and translate to a range of about 1,100 cfs above or below the hourly scheduled release rate. Typically, fluctuations for system regulation are very short lived and balance out over the hour and do not have noticeable impacts on downstream river flow conditions.

Releases from Glen Canyon Dam can also fluctuate beyond scheduled fluctuations for power generation when called upon as a partner that shares reserve requirements within the electrical generator community (i.e. balancing area). Reserves provide system reliability in the event of an unscheduled outage. Glen Canyon Dam typically maintains 43 MW of reserves (approximately 1,100 cfs). Reserve calls can be maintained for a maximum of 2 hours after which time the generation rate should be returned to the original schedule. If reserves from Glen Canyon Dam are called upon, releases from the dam can exceed scheduled levels and can have a noticeable impact on the river downstream from Glen Canyon Dam. Calls for reserves are fairly infrequent and typically are for much less than 43 MW.

Inflow Forecasts and Model Projections
The hydrologic forecast for Lake Powell for the April to July water supply season projects that the most probable (median) unregulated inflow volume will be 3.4 maf (47% of average based on the period 1981-2010). The forecast has continued to decrease throughout the winter season. Based on the current forecast, the March 24-Month study projects the annual release volume for water year 2013 will be 8.23 maf and the end of water year reservoir elevation and storage for Lake Powell will be 3589.5 and 10.78 maf (44% capacity), respectively.

Consistent with Section 6.B.3 of the Interim Guidelines, if hydrologic conditions and projections become dramatically wetter, it is possible that beginning in April, the Equalization tier will govern the operations of Lake Powell for the remainder of the water year and the release volume for 2013 could be greater than 8.23 maf. However, given current conditions and observed inflows, the Powell unregulated inflow forecast would need to increase by over 7 maf over the next several weeks to trigger an adjustment to equalization this year. Based on analysis of a range of inflow scenarios and forecasts, an adjustment to equalization is not anticipated in 2013.

Upper Colorado River Basin Hydrology – Since 2005, the Upper Colorado River Basin has experienced significant year to year hydrologic variability. The unregulated inflow to Lake Powell, which is a good measure of hydrologic conditions in the Colorado River Basin, has averaged a water year volume of 10.22 maf (94% of average (period 1981-2010)) during the period from 2005 through 2012. The hydrologic variability during this period has been from a low water year unregulated inflow volume of 4.91 maf (45% of average) in water year 2012 to a high water year unregulated inflow volume of 15.97 maf (147% of average) in water year 2011. Based on observed inflows and current forecasts, water year 2013 unregulated inflow is expected to be 5.31 maf (49% of average).

Overall reservoir storage in the Colorado River Basin has increased by approximately 4 maf since the beginning of water year 2005 and this is an improvement over the persistent drought conditions during water years 2000 through 2004. From the beginning of water year 2005 to the beginning of water year 2013, the total reservoir storage in the Colorado River Basin increased from 29.8 maf (50% of capacity) to 33.9 maf (57 % of capacity). However, during this time, total Colorado Basin storage experienced year to year increases and decreases in response to wet and dry hydrology. Given observed inflows and current forecasts, the projected end of water year 2013 total reservoir storage is approximately 29.7 maf (50% of capacity).

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-430
125 SOUTH STATE STREET, ROOM 6107
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-3709

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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:	Obs			feb	Forecast		Outlook		
:	nov	dec	jan	feb	%Avg	mar	apr	may	apr-jul %Avg
GLDA3:Lake Powell	246	201	168	262	67%:	380/	550/	1000/	3400/: 47%
GBRW4:Fontenelle	35	28	23	23	83%:	38/	60/	90/	435/: 60%
GRNU1:Flaming Gorge	39	26	24	30	68%:	68/	95/	130/	550/: 56%
BMDC2:Blue Mesa	18.8	17.7	15.9	15.8	71%:	24/	55/	119/	360/: 53%
MPSC2:Morrow Point	19.6	18.4	16.7	16.5	66%:	25/	60/	130/	390/: 53%
CLSC2:Crystal	23	22	20	19.8	69%:	30/	68/	149/	430/: 51%
TPIC2:Taylor Park	3.0	3.1	2.9	2.7	71%:	2.7/	5.5/	15.5/	55/: 56%
VCRC2:Vallecito	3.1	3.0	3.3	2.9	61%:	3.8/	13/	55/	140/: 72%
NVRN5:Navajo	9.1	11.9	14.1	12.6	42%:	43/	85/	205/	490/: 67%
LEMC2:Lemon	0.46	0.42	0.28	0.40	52%:	0.8/	4/	17/	40/: 73%
MPHC2:McPhee	1.71	1.60	2.3	2.2	42%:	8/	33/	75/	165/: 56%
RBSC2:Ridgway	3.8	3.6	2.4	1.78	49%:	4/	8/	18/	67/: 66%

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 2013 24-Month Study

Most Probable Inflow*

Fontenelle Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Mar 2012	64	0	67	0	67	6470.82	123
H	Apr 2012	98	1	60	0	60	6478.72	160
I	May 2012	130	1	61	0	62	6489.92	227
S	Jun 2012	189	2	83	16	99	6502.11	315
T	Jul 2012	92	3	72	3	75	6503.94	329
O	Aug 2012	36	2	68	0	68	6499.56	296
R	Sep 2012	23	2	46	8	54	6495.11	263
	WY 2012	**825**	**15**	**750**	**94**	**845**		
I	Oct 2012	29	1	25	28	53	6491.56	238
C	Nov 2012	35	1	22	28	51	6489.08	221
A	Dec 2012	28	1	52	0	52	6485.19	196
L	Jan 2013	23	1	53	0	53	6479.94	166
*	Feb 2013	23	0	48	0	48	6475.03	141
	Mar 2013	38	0	54	0	54	6471.44	125
	Apr 2013	60	1	51	0	51	6473.40	134
	May 2013	90	1	52	0	52	6480.67	171
	Jun 2013	187	2	58	0	58	6499.80	297
	Jul 2013	98	3	60	0	60	6504.38	333
	Aug 2013	45	2	60	0	60	6502.18	316
	Sep 2013	40	2	66	0	66	6498.45	287
	WY 2013	**696**	**15**	**601**	**56**	**657**		
	Oct 2013	44	1	48	21	69	6494.96	262
	Nov 2013	40	1	66	0	66	6491.11	235
	Dec 2013	32	1	69	0	69	6485.36	198
	Jan 2014	30	1	69	0	69	6478.59	159
	Feb 2014	28	0	62	0	62	6471.28	125
	Mar 2014	53	0	69	0	69	6467.36	108
	Apr 2014	85	1	74	0	74	6469.90	119
	May 2014	164	1	99	6	105	6481.76	177
	Jun 2014	299	2	103	76	179	6499.51	295
	Jul 2014	178	3	101	28	129	6505.40	341
	Aug 2014	77	2	80	0	80	6504.68	335
	Sep 2014	46	2	36	41	77	6500.38	302
	WY 2014	**1076**	**15**	**874**	**172**	**1046**		
	Oct 2014	49	1	71	0	71	6497.25	279
	Nov 2014	42	1	68	0	68	6493.45	251
	Dec 2014	32	1	71	0	71	6487.54	212
	Jan 2015	30	1	71	0	71	6480.76	171
	Feb 2015	28	1	64	0	64	6473.45	134

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2140

Processed On:3/8/2013 3:24:00PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 2013 24-Month Study

Most Probable Inflow*

Flaming Gorge Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	Mar 2012	104	107	3	162	0	162	130	6026.95	3233	286
H	Apr 2012	136	98	5	122	0	122	129	6026.21	3205	331
I	May 2012	153	85	8	159	19	178	125	6023.57	3108	385
S	Jun 2012	188	98	10	87	0	87	125	6023.59	3108	154
T	Jul 2012	93	76	12	84	0	84	124	6023.04	3088	99
O	Aug 2012	29	60	12	80	0	80	123	6022.19	3058	90
R	Sep 2012	19	50	10	68	0	68	122	6021.43	3030	79
	WY 2012	**990**	**1010**	**78**	**1366**	**20**	**1386**				**2278**
I	Oct 2012	24	48	7	52	0	52	122	6021.15	3020	71
C	Nov 2012	39	55	3	49	0	49	122	6021.23	3023	75
A	Dec 2012	25	50	2	70	0	70	121	6020.63	3002	110
L	Jan 2013	24	53	2	74	0	74	120	6020.03	2981	398
*	Feb 2013	30	55	2	67	0	67	119	6019.65	2967	388
	Mar 2013	68	84	3	52	0	52	121	6020.44	2995	52
	Apr 2013	95	86	5	48	0	48	122	6021.34	3027	48
	May 2013	130	92	7	95	0	95	121	6021.06	3017	95
	Jun 2013	210	81	10	102	0	102	120	6020.24	2988	102
	Jul 2013	115	77	13	52	0	52	121	6020.57	3000	52
	Aug 2013	50	65	12	52	0	52	121	6020.60	3001	52
	Sep 2013	38	64	10	51	0	51	121	6020.69	3004	51
	WY 2013	**848**	**810**	**75**	**763**	**0**	**763**				**1493**
	Oct 2013	47	71	7	52	0	52	121	6021.01	3015	52
	Nov 2013	46	72	3	51	0	51	122	6021.49	3033	51
	Dec 2013	35	71	2	52	0	52	123	6021.96	3049	52
	Jan 2014	40	79	2	52	0	52	124	6022.62	3073	52
	Feb 2014	45	79	2	47	0	47	125	6023.40	3102	47
	Mar 2014	102	118	3	52	0	52	127	6025.05	3162	52
	Apr 2014	134	122	5	51	0	51	130	6026.79	3227	51
	May 2014	245	186	8	105	0	105	133	6028.64	3297	105
	Jun 2014	390	269	10	225	0	225	134	6029.49	3329	225
	Jul 2014	210	162	14	106	0	106	135	6030.54	3370	106
	Aug 2014	89	92	13	106	0	106	134	6029.88	3344	106
	Sep 2014	55	87	11	102	0	102	133	6029.20	3318	102
	WY 2014	**1437**	**1408**	**79**	**1001**	**0**	**1001**				**1001**
	Oct 2014	59	81	7	106	0	106	132	6028.39	3287	106
	Nov 2014	51	77	3	102	0	102	131	6027.67	3260	102
	Dec 2014	35	74	2	106	0	106	130	6026.80	3227	106
	Jan 2015	40	81	2	106	0	106	129	6026.11	3202	106
	Feb 2015	45	81	2	96	0	96	128	6025.68	3185	96

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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RECLAMATION
Managing Water in the West

March 2013 24-Month Study

Most Probable Inflow*

Taylor Park Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Mar 2012	6	5	9308.28	67
H	Apr 2012	10	4	9311.81	73
I	May 2012	15	8	9316.40	81
S	Jun 2012	9	15	9312.87	75
T	Jul 2012	6	14	9307.53	66
O	Aug 2012	4	12	9302.28	58
R	Sep 2012	4	6	9300.80	56
	WY 2012	**80**	**95**		
I	Oct 2012	4	4	9301.04	57
C	Nov 2012	3	3	9301.07	57
A	Dec 2012	3	3	9301.09	57
L	Jan 2013	3	3	9301.07	57
*	Feb 2013	3	3	9301.01	57
	Mar 2013	3	3	9300.79	56
	Apr 2013	6	3	9302.58	59
	May 2013	16	6	9308.95	68
	Jun 2013	24	12	9316.51	81
	Jul 2013	10	15	9313.34	75
	Aug 2013	6	13	9309.20	69
	Sep 2013	5	12	9304.52	62
	WY 2013	**84**	**79**		
	Oct 2013	5	6	9303.84	61
	Nov 2013	5	5	9303.86	61
	Dec 2013	5	5	9303.98	61
	Jan 2014	4	5	9303.88	61
	Feb 2014	4	5	9303.39	60
	Mar 2014	4	5	9303.35	60
	Apr 2014	9	5	9306.25	64
	May 2014	28	10	9317.45	82
	Jun 2014	42	24	9326.94	100
	Jul 2014	20	24	9324.96	96
	Aug 2014	10	24	9317.54	83
	Sep 2014	7	20	9310.01	70
	WY 2014	**143**	**135**		
	Oct 2014	7	14	9305.22	63
	Nov 2014	5	6	9304.62	62
	Dec 2014	5	6	9303.71	60
	Jan 2015	4	6	9302.56	59
	Feb 2015	4	6	9300.99	57

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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Most Probable Inflow*

Blue Mesa Reservoir

	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Mar 2012	40	39	0	32	0	32	7484.49	539
H	Apr 2012	57	51	1	58	0	58	7483.54	532
I	May 2012	74	66	1	71	0	71	7482.82	527
S	Jun 2012	45	50	1	93	0	93	7476.82	483
T	Jul 2012	30	39	1	90	0	90	7469.29	431
O	Aug 2012	28	36	1	79	0	79	7462.48	387
R	Sep 2012	19	21	1	67	0	67	7454.82	340
	WY 2012	**427**	**442**	**7**	**793**	**0**	**793**		
I	Oct 2012	20	20	0	33	0	33	7452.55	327
C	Nov 2012	19	19	0	19	0	19	7452.39	326
A	Dec 2012	18	18	0	16	0	16	7452.65	328
L	Jan 2013	16	16	0	15	0	15	7452.77	328
*	Feb 2013	16	16	0	15	0	15	7452.95	329
	Mar 2013	24	24	0	28	0	28	7452.25	325
	Apr 2013	55	53	1	37	0	37	7454.83	340
	May 2013	119	110	1	56	0	56	7463.46	393
	Jun 2013	133	121	1	61	0	61	7472.27	451
	Jul 2013	53	58	1	98	0	98	7466.19	410
	Aug 2013	35	42	1	95	0	95	7457.55	356
	Sep 2013	27	34	1	78	0	78	7449.86	312
	WY 2013	**535**	**529**	**6**	**551**	**0**	**551**		
	Oct 2013	31	32	0	44	0	44	7447.68	300
	Nov 2013	28	28	0	14	0	14	7450.20	314
	Dec 2013	26	25	0	13	0	13	7452.38	326
	Jan 2014	24	24	0	15	0	15	7454.00	335
	Feb 2014	22	23	0	13	0	13	7455.70	345
	Mar 2014	36	36	0	16	0	16	7458.98	365
	Apr 2014	77	73	1	27	0	27	7466.15	410
	May 2014	221	203	1	118	0	118	7478.36	494
	Jun 2014	261	243	1	36	0	36	7504.66	700
	Jul 2014	117	121	2	81	0	81	7509.13	738
	Aug 2014	63	77	1	115	0	115	7504.57	699
	Sep 2014	38	51	1	106	0	106	7497.76	643
	WY 2014	**945**	**937**	**8**	**598**	**0**	**598**		
	Oct 2014	38	46	1	58	0	58	7496.16	630
	Nov 2014	31	32	0	29	0	29	7496.51	633
	Dec 2014	26	27	0	78	0	78	7490.00	581
	Jan 2015	24	26	0	67	0	67	7484.61	540
	Feb 2015	22	25	0	60	0	60	7479.79	504

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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March 2013 24-Month Study

Most Probable Inflow*

Morrow Point Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Mar 2012	43	32	2	35	34	0	34	7156.25	114
H	Apr 2012	63	58	6	64	63	0	63	7157.05	115
I	May 2012	80	71	6	76	79	0	79	7154.07	112
S	Jun 2012	45	93	1	93	93	0	93	7154.59	113
T	Jul 2012	31	90	0	90	89	0	89	7155.86	114
O	Aug 2012	28	79	0	80	80	0	80	7154.84	113
R	Sep 2012	19	67	0	68	71	0	71	7150.03	109
	WY 2012	**447**	**793**	**21**	**814**	**811**	**0**	**811**		
I	Oct 2012	22	33	1	34	40	0	40	7142.80	104
C	Nov 2012	20	19	1	20	16	0	16	7148.49	108
A	Dec 2012	18	16	1	17	18	0	18	7146.50	106
L	Jan 2013	17	15	1	16	17	0	17	7144.75	105
*	Feb 2013	17	15	1	15	16	0	16	7144.30	105
	Mar 2013	25	28	1	29	22	0	22	7153.73	112
	Apr 2013	60	37	5	42	42	0	42	7153.73	112
	May 2013	130	56	11	67	67	0	67	7153.73	112
	Jun 2013	144	61	11	72	72	0	72	7153.73	112
	Jul 2013	56	98	3	101	101	0	101	7153.73	112
	Aug 2013	38	95	3	98	98	0	98	7153.73	112
	Sep 2013	30	78	3	81	81	0	81	7153.73	112
	WY 2013	**576**	**551**	**41**	**592**	**589**	**0**	**589**		
	Oct 2013	34	44	3	46	46	0	46	7153.73	112
	Nov 2013	30	14	2	16	16	0	16	7153.73	112
	Dec 2013	28	13	2	15	15	0	15	7153.73	112
	Jan 2014	27	15	2	17	17	0	17	7153.73	112
	Feb 2014	25	13	3	16	16	0	16	7153.73	112
	Mar 2014	40	16	4	20	20	0	20	7153.73	112
	Apr 2014	88	27	11	38	38	0	38	7153.73	112
	May 2014	247	118	26	144	144	0	144	7153.73	112
	Jun 2014	281	36	20	56	56	0	56	7153.73	112
	Jul 2014	123	81	6	87	87	0	87	7153.73	112
	Aug 2014	67	115	3	118	118	0	118	7153.73	112
	Sep 2014	41	106	3	109	109	0	109	7153.73	112
	WY 2014	**1030**	**598**	**85**	**683**	**683**	**0**	**683**		
	Oct 2014	41	58	3	61	61	0	61	7153.73	112
	Nov 2014	33	29	2	31	31	0	31	7153.73	112
	Dec 2014	28	78	2	80	80	0	80	7153.73	112
	Jan 2015	27	67	2	69	69	0	69	7153.73	112
	Feb 2015	25	60	3	63	63	0	63	7153.73	112

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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March 2013 24-Month Study

Most Probable Inflow*

Crystal Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
*	Mar 2012	49	34	6	40	40	0	40	6751.80	17	6	35
H	Apr 2012	71	63	8	71	71	0	71	6752.10	17	50	23
I	May 2012	86	79	6	84	86	0	86	6745.87	15	65	24
S	Jun 2012	49	93	3	96	97	0	97	6744.24	14	63	37
T	Jul 2012	35	89	4	93	93	0	93	6745.39	15	62	36
O	Aug 2012	32	80	3	84	84	0	84	6743.63	14	52	38
R	Sep 2012	22	71	2	74	63	11	74	6743.29	14	45	33
	WY 2012	**498**	**811**	**51**	**862**	**824**	**38**	**862**			**397**	**497**
I	Oct 2012	24	40	3	42	40	0	40	6750.72	16	20	20
C	Nov 2012	23	16	4	19	21	0	21	6746.77	15	1	19
A	Dec 2012	22	18	4	22	22	0	22	6749.11	16	1	20
L	Jan 2013	20	17	4	21	19	2	21	6747.09	15	0	20
*	Feb 2013	20	16	3	19	10	9	19	6745.57	15	0	19
	Mar 2013	30	22	5	27	25	0	25	6753.04	17	5	20
	Apr 2013	68	42	8	50	50	0	50	6753.04	17	30	20
	May 2013	149	67	19	86	86	0	86	6753.04	17	55	31
	Jun 2013	153	72	9	81	81	0	81	6753.04	17	60	21
	Jul 2013	60	101	4	105	105	0	105	6753.04	17	65	40
	Aug 2013	42	98	4	102	102	0	102	6753.04	17	65	37
	Sep 2013	34	81	4	85	85	0	85	6753.04	17	55	30
	WY 2013	**646**	**589**	**70**	**660**	**645**	**12**	**657**			**357**	**297**
	Oct 2013	38	46	5	51	51	0	51	6753.04	17	30	21
	Nov 2013	35	16	4	21	21	0	21	6753.04	17	0	21
	Dec 2013	32	15	5	20	20	0	20	6753.04	17	0	20
	Jan 2014	31	17	5	22	22	0	22	6753.04	17	0	22
	Feb 2014	29	16	4	19	19	0	19	6753.04	17	0	19
	Mar 2014	46	20	6	26	26	0	26	6753.04	17	5	21
	Apr 2014	101	38	12	51	51	0	51	6753.04	17	30	21
	May 2014	281	144	34	178	134	44	178	6753.04	17	55	123
	Jun 2014	315	56	34	90	90	0	90	6753.04	17	60	30
	Jul 2014	138	87	14	102	102	0	102	6753.04	17	65	37
	Aug 2014	75	118	8	127	127	0	127	6753.04	17	65	62
	Sep 2014	47	109	6	115	115	0	115	6753.04	17	55	60
	WY 2014	**1168**	**683**	**138**	**821**	**777**	**44**	**821**			**365**	**456**
	Oct 2014	47	61	6	67	67	0	67	6753.04	17	30	37
	Nov 2014	38	31	5	36	36	0	36	6753.04	17	0	36
	Dec 2014	32	80	5	85	85	0	85	6753.04	17	0	85
	Jan 2015	31	69	5	74	74	0	74	6753.04	17	0	74
	Feb 2015	29	63	4	66	66	0	66	6753.04	17	0	66

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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Most Probable Inflow*

Vallecito Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Mar 2012	12	4	7648.84	84
H	Apr 2012	36	3	7661.80	117
I	May 2012	42	35	7664.36	124
S	Jun 2012	17	36	7656.80	104
T	Jul 2012	11	35	7647.02	80
O	Aug 2012	7	33	7634.93	54
R	Sep 2012	4	22	7624.48	36
	WY 2012	**168**	**188**		
I	Oct 2012	3	3	7624.51	36
C	Nov 2012	3	1	7625.69	37
A	Dec 2012	3	0	7627.33	40
L	Jan 2013	3	0	7629.10	43
*	Feb 2013	3	0	7630.60	46
	Mar 2013	4	0	7632.43	49
	Apr 2013	13	0	7638.74	62
	May 2013	55	27	7650.87	89
	Jun 2013	52	41	7655.18	100
	Jul 2013	20	38	7647.36	81
	Aug 2013	16	34	7639.11	62
	Sep 2013	14	24	7633.78	52
	WY 2013	**190**	**171**		
	Oct 2013	14	12	7634.70	53
	Nov 2013	8	0	7638.58	61
	Dec 2013	6	0	7641.38	67
	Jan 2014	5	0	7643.66	72
	Feb 2014	5	0	7645.60	77
	Mar 2014	9	0	7649.06	85
	Apr 2014	23	2	7657.37	105
	May 2014	71	51	7664.94	125
	Jun 2014	70	70	7664.89	125
	Jul 2014	29	42	7659.95	112
	Aug 2014	20	38	7652.68	93
	Sep 2014	17	30	7647.48	81
	WY 2014	**278**	**245**		
	Oct 2014	16	17	7646.72	79
	Nov 2014	9	4	7648.89	84
	Dec 2014	6	4	7649.98	87
	Jan 2015	5	4	7650.69	89
	Feb 2015	5	3	7651.31	90

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Most Probable Inflow*

Navajo Reservoir

	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azetea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Farmington Flow (1000 Ac-Ft)
*	Mar 2012	74	7	61	2	6	31	6056.81	1308	70
H	Apr 2012	149	18	98	2	27	30	6059.88	1346	97
I	May 2012	131	17	105	4	34	110	6056.40	1303	177
S	Jun 2012	20	4	35	4	46	42	6051.70	1246	57
T	Jul 2012	10	1	33	4	44	52	6045.91	1178	60
O	Aug 2012	0	0	26	3	45	55	6038.86	1101	47
R	Sep 2012	-2	0	17	2	22	58	6032.62	1035	56
	WY 2012	**523**	**53**	**490**	**26**	**236**	**521**			**814**
I	Oct 2012	3	0	3	1	11	40	6027.78	986	43
C	Nov 2012	9	0	7	1	0	23	6026.11	970	32
A	Dec 2012	12	0	9	0	0	22	6024.73	957	30
L	Jan 2013	14	0	11	0	0	20	6023.77	947	
*	Feb 2013	13	0	10	1	0	19	6022.74	938	35
	Mar 2013	43	1	38	1	3	22	6024.11	951	22
	Apr 2013	85	12	61	2	17	21	6026.23	971	21
	May 2013	205	27	150	3	32	22	6035.45	1064	22
	Jun 2013	155	22	121	3	48	21	6040.09	1114	21
	Jul 2013	45	3	60	4	53	29	6037.78	1089	29
	Aug 2013	40	0	58	3	45	38	6035.12	1061	38
	Sep 2013	36	0	46	2	25	32	6033.86	1048	32
	WY 2013	**660**	**66**	**576**	**22**	**234**	**306**			**323**
	Oct 2013	42	0	40	1	7	29	6034.08	1050	29
	Nov 2013	32	0	24	1	0	23	6034.05	1050	23
	Dec 2013	25	0	19	1	0	28	6033.16	1041	28
	Jan 2014	22	0	17	1	0	28	6032.04	1029	28
	Feb 2014	30	0	26	1	0	25	6032.01	1029	25
	Mar 2014	92	2	82	1	2	24	6037.22	1083	24
	Apr 2014	170	14	135	2	18	21	6045.87	1178	21
	May 2014	277	37	220	3	33	40	6057.96	1322	40
	Jun 2014	224	32	191	4	48	86	6062.09	1375	86
	Jul 2014	66	6	72	4	53	22	6061.53	1367	22
	Aug 2014	45	2	61	4	46	27	6060.35	1352	27
	Sep 2014	43	0	55	3	26	27	6060.30	1352	27
	WY 2014	**1068**	**94**	**941**	**26**	**232**	**380**			**380**
	Oct 2014	47	1	47	2	7	28	6061.14	1362	28
	Nov 2014	34	1	27	1	0	25	6061.28	1364	25
	Dec 2014	25	0	22	1	0	28	6060.76	1357	28
	Jan 2015	22	0	20	1	0	28	6060.06	1349	28
	Feb 2015	30	0	29	1	0	25	6060.30	1352	25

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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March 2013 24-Month Study

Most Probable Inflow*

Lake Powell

	Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry (1000 Ac-Ft)
*	Mar 2012	560	625	19	600	0	600	3635.33	5290	15458	607
H	Apr 2012	764	689	29	606	0	606	3635.76	5294	15508	612
I	May 2012	792	770	35	601	0	601	3636.83	5304	15632	606
S	Jun 2012	353	398	54	709	0	709	3633.90	5277	15294	712
T	Jul 2012	154	285	62	886	0	886	3628.45	5228	14680	892
O	Aug 2012	101	289	60	800	0	800	3623.62	5186	14151	810
R	Sep 2012	104	296	54	481	0	481	3621.56	5168	13929	478
	WY 2012	**4908**	**5964**	**455**	**9466**	**0**	**9466**				**9527**
I	Oct 2012	190	294	37	498	0	498	3619.46	5150	13706	495
C	Nov 2012	246	273	35	652	78	730	3615.10	5114	13251	736
A	Dec 2012	201	247	27	801	0	801	3609.82	5071	12713	800
L	Jan 2013	168	230	8	801	0	801	3604.42	5028	12177	801
*	Feb 2013	262	300	9	600	0	600	3601.47	5005	11891	595
	Mar 2013	380	341	14	600	0	600	3598.82	4985	11637	600
	Apr 2013	550	449	23	550	0	550	3597.61	4976	11524	550
	May 2013	1000	779	27	600	0	600	3599.10	4987	11664	600
	Jun 2013	1350	1106	42	800	0	800	3601.65	5006	11908	800
	Jul 2013	500	522	50	850	0	850	3597.97	4978	11558	850
	Aug 2013	220	325	49	800	0	800	3592.77	4940	11073	800
	Sep 2013	240	325	44	600	0	600	3589.53	4916	10778	600
	WY 2013	**5308**	**5190**	**364**	**8152**	**78**	**8230**				**8227**
	Oct 2013	372	384	30	600	0	600	3586.99	4898	10550	600
	Nov 2013	408	390	28	600	0	600	3584.50	4880	10330	600
	Dec 2013	363	370	22	800	0	800	3579.67	4847	9911	800
	Jan 2014	361	370	7	800	0	800	3574.87	4814	9507	800
	Feb 2014	393	381	7	600	0	600	3572.34	4798	9298	600
	Mar 2014	665	532	12	600	0	600	3571.44	4792	9224	600
	Apr 2014	1056	805	19	600	0	600	3573.54	4805	9396	600
	May 2014	2343	1932	23	600	0	600	3587.64	4902	10608	600
	Jun 2014	2666	2219	40	650	0	650	3602.84	5016	12023	650
	Jul 2014	1091	966	51	850	0	850	3603.46	5020	12083	850
	Aug 2014	500	598	51	900	0	900	3600.07	4994	11757	900
	Sep 2014	408	533	46	630	0	630	3598.68	4984	11624	630
	WY 2014	**10625**	**9480**	**336**	**8230**	**0**	**8230**				**8230**
	Oct 2014	512	568	32	600	0	600	3598.05	4979	11565	600
	Nov 2014	473	514	31	600	0	600	3596.91	4970	11457	600
	Dec 2014	363	490	24	800	0	800	3593.58	4946	11148	800
	Jan 2015	361	476	7	800	0	800	3590.22	4921	10841	800
	Feb 2015	393	476	8	600	0	600	3588.88	4911	10719	600

* Based on the Colorado River Basin Forecast Center'sMost Probable Water Supply Forecast

Model Run ID: 2140

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 2013 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Glen Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Mar 2012	600	43	38	986	16.0	16	985	945	1129.41	14535
H	Apr 2012	606	46	46	1170	19.7	20	1163	909	1123.93	13986
I	May 2012	601	16	52	1008	16.4	30	1007	880	1119.38	13541
S	Jun 2012	709	7	62	989	16.6	28	989	858	1115.84	13200
T	Jul 2012	886	69	77	841	13.7	29	819	858	1115.92	13207
O	Aug 2012	800	169	82	798	13.0	24	793	862	1116.56	13269
R	Sep 2012	481	97	67	635	10.7	18	634	854	1115.16	13135
	WY 2012	**9466**	**730**	**638**	**9421**		**227**	**9356**			
I	Oct 2012	498	53	49	346	5.6	20	331	862	1116.50	13263
C	Nov 2012	730	60	49	650	10.9	14	649	867	1117.24	13334
A	Dec 2012	801	50	43	476	7.7	11	432	886	1120.36	13636
L	Jan 2013	801	55	35	609	9.9	8	591	899	1122.32	13828
*	Feb 2013	600	70	32	646	11.6	10	645	898	1122.14	13810
	Mar 2013	600	77	36	982	16.0	22	982	875	1118.64	13469
	Apr 2013	550	81	44	1109	18.6	15	1109	843	1113.37	12964
	May 2013	600	64	50	1038	16.9	25	1038	815	1108.87	12542
	Jun 2013	800	32	59	945	15.9	23	945	803	1106.88	12358
	Jul 2013	850	54	73	923	15.0	29	923	796	1105.64	12244
	Aug 2013	800	109	78	854	13.9	24	854	793	1105.15	12200
	Sep 2013	600	81	64	692	11.6	20	692	787	1104.18	12111
	WY 2013	**8230**	**786**	**612**	**9271**		**223**	**9191**			
	Oct 2013	600	54	46	514	8.4	18	514	792	1104.96	12182
	Nov 2013	600	44	46	611	10.3	25	611	790	1104.57	12147
	Dec 2013	800	99	40	530	8.6	20	530	808	1107.74	12437
	Jan 2014	800	82	33	704	11.5	16	704	816	1109.04	12558
	Feb 2014	600	94	31	674	12.1	18	674	815	1108.76	12532
	Mar 2014	600	77	34	1023	16.6	21	1023	790	1104.66	12155
	Apr 2014	600	81	41	1109	18.6	14	1109	761	1099.62	11701
	May 2014	600	64	47	997	16.2	24	997	736	1095.33	11322
	Jun 2014	650	32	56	932	15.7	22	932	716	1091.80	11013
	Jul 2014	850	54	69	855	13.9	28	855	713	1091.27	10967
	Aug 2014	900	109	74	820	13.3	23	820	718	1092.26	11053
	Sep 2014	630	81	61	625	10.5	19	625	719	1092.33	11059
	WY 2014	**8230**	**870**	**579**	**9394**		**247**	**9394**			
	Oct 2014	600	54	44	456	7.4	17	456	727	1093.80	11188
	Nov 2014	600	44	44	598	10.0	23	598	726	1093.57	11167
	Dec 2014	800	99	39	485	7.9	18	485	748	1097.38	11503
	Jan 2015	800	82	32	717	11.7	16	717	755	1098.62	11612
	Feb 2015	600	94	29	687	12.4	18	687	752	1098.19	11574

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 2013 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Mar 2012	986	-23	13	931	0	931	15.1	641.93	1670
H	Apr 2012	1170	-24	17	1091	0	1091	18.3	643.35	1708
I	May 2012	1008	-14	22	980	0	980	15.9	643.06	1700
S	Jun 2012	989	-19	25	952	0	952	16.0	642.80	1693
T	Jul 2012	841	-9	25	805	0	805	13.1	642.89	1696
O	Aug 2012	798	-11	23	744	0	744	12.1	643.63	1716
R	Sep 2012	635	-5	18	723	0	723	12.1	639.55	1605
	WY 2012	**9421**	**-177**	**197**	**9051**	**0**	**9051**			
I	Oct 2012	346	-3	14	556	0	556	9.0	630.75	1377
C	Nov 2012	650	-11	10	499	0	499	8.4	635.82	1507
A	Dec 2012	476	-6	9	395	0	395	6.4	638.30	1572
L	Jan 2013	609	-11	10	510	0	510	8.3	641.20	1650
*	Feb 2013	646	-12	10	609	0	609	11.0	641.78	1665
	Mar 2013	982	-16	13	934	0	934	15.2	642.50	1685
	Apr 2013	1109	-15	17	1064	0	1064	17.9	643.00	1699
	May 2013	1038	-14	22	1002	0	1002	16.3	643.00	1699
	Jun 2013	945	-12	25	935	0	935	15.7	642.00	1671
	Jul 2013	923	-5	25	906	0	906	14.7	641.50	1658
	Aug 2013	854	-8	23	823	0	823	13.4	641.50	1658
	Sep 2013	692	-1	18	766	0	766	12.9	638.00	1564
	WY 2013	**9271**	**-115**	**196**	**9000**	**0**	**9000**			
	Oct 2013	514	0	15	629	0	629	10.2	633.00	1434
	Nov 2013	611	-16	10	533	0	533	9.0	635.00	1486
	Dec 2013	530	-17	9	406	0	406	6.6	638.71	1583
	Jan 2014	704	-16	10	596	0	596	9.7	641.80	1666
	Feb 2014	674	-8	10	656	0	656	11.8	641.80	1666
	Mar 2014	1023	-16	13	960	0	960	15.6	643.05	1700
	Apr 2014	1109	-15	17	1079	0	1079	18.1	643.00	1699
	May 2014	997	-14	22	961	0	961	15.6	643.00	1699
	Jun 2014	932	-12	25	922	0	922	15.5	642.00	1671
	Jul 2014	855	-5	25	839	0	839	13.6	641.50	1658
	Aug 2014	820	-8	23	789	0	789	12.8	641.50	1658
	Sep 2014	625	-1	18	699	0	699	11.8	638.00	1564
	WY 2014	**9394**	**-129**	**197**	**9068**	**0**	**9068**			
	Oct 2014	456	0	15	571	0	571	9.3	633.00	1434
	Nov 2014	598	-16	10	520	0	520	8.7	635.00	1486
	Dec 2014	485	-17	9	361	0	361	5.9	638.71	1583
	Jan 2015	717	-16	10	609	0	609	9.9	641.80	1666
	Feb 2015	687	-8	10	669	0	669	12.0	641.80	1666

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 2013 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	Mar 2012	931	8	9	711	11.6	21	187	447.23	565	187	3.0
H	Apr 2012	1091	24	11	785	13.2	97	180	449.13	602	183	3.1
I	May 2012	980	26	13	709	11.5	100	179	448.81	596	99	1.6
S	Jun 2012	952	10	15	719	12.1	97	130	448.23	584	103	1.7
T	Jul 2012	805	46	17	675	11.0	101	34	448.91	598	124	2.0
O	Aug 2012	744	26	17	568	9.2	100	85	448.38	587	97	1.6
R	Sep 2012	723	31	15	548	9.2	74	137	446.98	561	90	1.5
	WY 2012	**9051**	**290**	**140**	**6652**		**723**	**1763**			**1435**	
I	Oct 2012	556	34	12	482	7.8	14	32	449.31	606	70	1.1
C	Nov 2012	499	27	9	348	5.9	14	174	448.06	581	88	1.5
A	Dec 2012	395	21	7	289	4.7	15	132	446.41	550	132	2.2
L	Jan 2013	510	17	6	352	5.7	57	80	448.01	580	143	2.3
*	Feb 2013	609	5	8	444	8.0	7	147	448.13	583	158	2.8
	Mar 2013	934	17	9	668	10.9	95	183	447.50	571	201	3.3
	Apr 2013	1064	21	11	793	13.3	86	177	448.00	580	212	3.6
	May 2013	1002	20	13	701	11.4	99	184	448.70	593	111	1.8
	Jun 2013	935	15	16	694	11.7	96	131	448.70	593	109	1.8
	Jul 2013	906	26	17	724	11.8	99	91	448.00	580	111	1.8
	Aug 2013	823	24	17	639	10.4	99	89	447.50	571	105	1.7
	Sep 2013	766	23	15	560	9.4	96	122	446.81	557	102	1.7
	WY 2013	**9000**	**250**	**140**	**6695**		**778**	**1542**			**1541**	
	Oct 2013	629	26	12	454	7.4	47	143	446.31	548	65	1.1
	Nov 2013	533	33	8	378	6.4	51	118	446.50	552	99	1.7
	Dec 2013	406	27	6	277	4.5	53	92	446.50	552	105	1.7
	Jan 2014	596	16	6	336	5.5	89	176	446.50	552	125	2.0
	Feb 2014	656	10	8	445	8.0	79	127	446.50	552	156	2.8
	Mar 2014	960	17	9	691	11.2	89	175	446.70	555	201	3.3
	Apr 2014	1079	21	11	788	13.2	86	169	448.70	593	212	3.6
	May 2014	961	20	13	694	11.3	89	173	448.70	593	111	1.8
	Jun 2014	922	15	16	685	11.5	86	137	448.70	593	109	1.8
	Jul 2014	839	26	17	720	11.7	89	38	448.00	580	111	1.8
	Aug 2014	789	24	17	635	10.3	89	70	447.50	571	105	1.7
	Sep 2014	699	23	15	550	9.2	60	101	446.81	557	102	1.7
	WY 2014	**9068**	**256**	**139**	**6652**		**907**	**1520**			**1500**	
	Oct 2014	571	26	12	448	7.3	15	124	446.31	548	65	1.1
	Nov 2014	520	33	8	372	6.3	15	147	446.50	552	99	1.7
	Dec 2014	361	27	6	269	4.4	15	92	446.50	552	105	1.7
	Jan 2015	609	16	6	349	5.7	89	176	446.50	552	125	2.0
	Feb 2015	669	10	8	458	8.3	79	127	446.50	552	156	2.8

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 2013 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Mar 2012	986	16.0	1129.41	14535	-372	481.45	1047.0	427.4	56	433.4
H	Apr 2012	1170	19.7	1123.93	13986	-548	475.07	1164.0	505.3	62	432.0
I	May 2012	1008	16.4	1119.38	13541	-445	471.90	1050.0	429.0	56	425.4
S	Jun 2012	989	16.6	1115.84	13200	-341	470.21	1829.0	414.2	100	418.8
T	Jul 2012	841	13.7	1115.92	13207	8	471.23	1374.0	349.7	76	415.6
O	Aug 2012	798	13.0	1116.56	13269	61	471.53	1809.0	331.4	100	415.2
R	Sep 2012	635	10.7	1115.16	13135	-134	473.98	1809.0	261.9	100	412.2
	WY 2012	**9421**							**3985.6**		
I	Oct 2012	346	5.6	1116.50	13263	128	476.50	1051.0	141.3	58	409.0
C	Nov 2012	650	10.9	1117.24	13334	71	473.22	1051.0	276.3	58	424.7
A	Dec 2012	476	7.7	1120.36	13636	302	475.06	1520.0	198.5	84	417.3
L	Jan 2013	609	9.9	1122.32	13828	192	474.10	1062.0	259.8	59	426.6
*	Feb 2013	646	11.6	1122.14	13810	-18	475.07	1072.0	276.4	59	427.6
	Mar 2013	982	16.0	1118.64	13469	-341	471.69	1073.0	430.4	59	438.1
	Apr 2013	1109	18.6	1113.37	12964	-505	466.84	1063.0	487.1	60	439.2
	May 2013	1038	16.9	1108.87	12542	-422	461.67	1071.0	443.7	61	427.3
	Jun 2013	945	15.9	1106.88	12358	-184	454.50	1745.0	387.5	100	409.9
	Jul 2013	923	15.0	1105.64	12244	-114	453.39	1738.0	374.6	100	405.9
	Aug 2013	854	13.9	1105.15	12200	-44	452.69	1734.0	350.4	100	410.2
	Sep 2013	692	11.6	1104.18	12111	-89	453.11	1728.0	277.8	100	401.5
	WY 2013	**9271**							**3903.8**		
	Oct 2013	514	8.4	1104.96	12182	71	457.48	1361.0	209.8	79	408.2
	Nov 2013	611	10.3	1104.57	12147	-35	459.22	1374.0	249.7	79	408.8
	Dec 2013	530	8.6	1107.74	12437	291	458.77	1384.0	210.9	79	397.8
	Jan 2014	704	11.5	1109.04	12558	121	459.85	1218.0	290.0	69	411.8
	Feb 2014	674	12.1	1108.76	12532	-27	457.40	1530.0	275.7	87	409.2
	Mar 2014	1023	16.6	1104.66	12155	-376	454.85	1503.0	418.1	87	408.8
	Apr 2014	1109	18.6	1099.62	11701	-454	450.47	1391.0	458.8	82	413.7
	May 2014	997	16.2	1095.33	11322	-379	444.57	1569.0	395.6	93	396.8
	Jun 2014	932	15.7	1091.80	11013	-308	440.30	1662.0	370.3	100	397.3
	Jul 2014	855	13.9	1091.27	10967	-46	438.78	1658.0	341.0	100	398.7
	Aug 2014	820	13.3	1092.26	11053	86	439.17	1658.0	325.7	100	397.1
	Sep 2014	625	10.5	1092.33	11059	6	440.83	1658.0	241.5	100	386.3
	WY 2014	**9394**							**3787.0**		
	Oct 2014	456	7.4	1093.80	11188	128	446.04	1302.1	179.5	79	393.8
	Nov 2014	598	10.0	1093.57	11167	-20	448.20	1315.3	238.6	79	399.2
	Dec 2014	485	7.9	1097.38	11503	336	448.15	1309.7	193.2	79	398.5
	Jan 2015	717	11.7	1098.62	11612	110	449.51	1148.1	290.3	69	404.7
	Feb 2015	687	12.4	1098.19	11574	-38	446.96	1443.0	276.0	87	401.9

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 2013 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Mar 2012	931	15.1	641.93	1670	20	140.23	204.0	117.4	80	126.2
H	Apr 2012	1091	18.3	643.35	1708	39	142.08	249.9	147.4	98	135.2
I	May 2012	980	15.9	643.06	1700	-8	141.39	252.5	128.9	99	131.5
S	Jun 2012	952	16.0	642.80	1693	-7	140.12	255.0	122.6	100	128.8
T	Jul 2012	805	13.1	642.89	1696	2	143.36	255.0	100.7	100	125.1
O	Aug 2012	744	12.1	643.63	1716	20	142.43	252.5	92.5	99	124.3
R	Sep 2012	723	12.1	639.55	1605	-111	137.86	255.0	96.5	100	133.5
	WY 2012	**9051**							**1153.5**		
I	Oct 2012	556	9.0	630.75	1377	-228	130.98	206.6	68.5	81	123.3
C	Nov 2012	499	8.4	635.82	1507	130	136.16	168.3	67.9	66	136.0
A	Dec 2012	395	6.4	638.30	1572	65	134.78	183.6	44.1	72	111.7
L	Jan 2013	510	8.3	641.20	1650	78	139.33	163.2	63.2	64	123.8
*	Feb 2013	609	11.0	641.78	1665	16	138.67	153.0	76.8	60	126.1
	Mar 2013	934	15.2	642.50	1685	20	136.80	196.4	116.2	77	124.4
	Apr 2013	1064	17.9	643.00	1699	14	135.78	255.0	132.2	100	124.2
	May 2013	1002	16.3	643.00	1699	0	136.04	255.0	125.2	100	124.9
	Jun 2013	935	15.7	642.00	1671	-27	135.51	255.0	116.5	100	124.6
	Jul 2013	906	14.7	641.50	1658	-14	134.73	255.0	112.6	100	124.2
	Aug 2013	823	13.4	641.50	1658	0	134.46	255.0	102.4	100	124.4
	Sep 2013	766	12.9	638.00	1564	-94	132.62	255.0	94.2	100	123.0
	WY 2013	**9000**							**1119.9**		
	Oct 2013	629	10.2	633.00	1434	-130	129.33	214.2	75.6	84	120.2
	Nov 2013	533	9.0	635.00	1486	51	127.83	211.7	63.6	83	119.3
	Dec 2013	406	6.6	638.71	1583	97	130.91	209.1	49.9	82	122.8
	Jan 2014	596	9.7	641.80	1666	83	134.46	209.1	74.3	82	124.6
	Feb 2014	656	11.8	641.80	1666	0	136.08	209.1	82.1	82	125.3
	Mar 2014	960	15.6	643.05	1700	34	135.44	255.0	119.5	100	124.6
	Apr 2014	1079	18.1	643.00	1699	-2	136.07	255.0	134.2	100	124.4
	May 2014	961	15.6	643.00	1699	0	136.04	255.0	120.2	100	125.1
	Jun 2014	922	15.5	642.00	1671	-27	135.51	255.0	114.9	100	124.7
	Jul 2014	839	13.6	641.50	1658	-14	134.73	255.0	104.5	100	124.6
	Aug 2014	789	12.8	641.50	1658	0	134.46	255.0	98.4	100	124.6
	Sep 2014	699	11.8	638.00	1564	-94	132.62	255.0	86.3	100	123.4
	WY 2014	**9068**							**1123.4**		
	Oct 2014	571	9.3	633.00	1434	-130	129.33	214.2	68.8	84	120.5
	Nov 2014	520	8.7	635.00	1486	51	127.83	211.7	62.1	83	119.4
	Dec 2014	361	5.9	638.71	1583	97	130.91	209.1	44.4	82	123.1
	Jan 2015	609	9.9	641.80	1666	83	134.46	209.1	75.9	82	124.5
	Feb 2015	669	12.0	641.80	1666	0	136.08	209.1	83.7	82	125.2

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2140

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 2013 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Mar 2012	711	11.6	447.23	565	2	81.75	97.2	48.8	81	68.6
H	Apr 2012	785	13.2	449.13	602	36	83.37	120.0	54.1	100	69.0
I	May 2012	709	11.5	448.81	596	-6	81.37	111.6	49.6	93	69.9
S	Jun 2012	719	12.1	448.23	584	-11	79.00	120.0	49.7	100	69.1
T	Jul 2012	675	11.0	448.91	598	13	82.94	120.0	46.8	100	69.4
O	Aug 2012	568	9.2	448.38	587	-10	80.54	120.0	39.3	100	69.2
R	Sep 2012	548	9.2	446.98	561	-26	81.05	120.0	37.8	100	69.0
	WY 2012	**6652**							**458.2**		
I	Oct 2012	482	7.8	449.31	606	44	83.52	96.0	33.3	80	69.0
C	Nov 2012	348	5.9	448.06	581	-24	82.22	92.4	24.1	77	69.2
A	Dec 2012	289	4.7	446.41	550	-31	80.98	103.2	19.5	86	67.5
L	Jan 2013	352	5.7	448.01	580	30	83.56	102.0	24.4	85	69.4
*	Feb 2013	444	8.0	448.13	583	2	80.52	115.2	31.2	96	70.1
	Mar 2013	668	10.9	447.50	571	-12	75.19	120.0	43.9	100	65.7
	Apr 2013	793	13.3	448.00	580	10	75.13	120.0	52.4	100	66.1
	May 2013	701	11.4	448.70	593	13	75.71	120.0	46.5	100	66.2
	Jun 2013	694	11.7	448.70	593	0	76.05	120.0	46.1	100	66.5
	Jul 2013	724	11.8	448.00	580	-13	75.71	120.0	48.0	100	66.3
	Aug 2013	639	10.4	447.50	571	-10	75.13	120.0	41.9	100	65.6
	Sep 2013	560	9.4	446.81	557	-13	74.55	120.0	36.4	100	64.9
	WY 2013	**6695**							**447.6**		
	Oct 2013	454	7.4	446.31	548	-9	75.37	90.0	29.6	75	65.2
	Nov 2013	378	6.4	446.50	552	3	75.10	92.4	24.4	77	64.5
	Dec 2013	277	4.5	446.50	552	0	75.32	90.0	17.5	75	63.2
	Jan 2014	336	5.5	446.50	552	0	75.19	92.4	21.5	77	64.0
	Feb 2014	445	8.0	446.50	552	0	75.13	93.6	29.0	78	65.2
	Mar 2014	691	11.2	446.70	555	4	75.42	90.0	45.8	75	66.3
	Apr 2014	788	13.2	448.70	593	38	75.34	114.0	52.2	95	66.3
	May 2014	694	11.3	448.70	593	0	76.05	120.0	46.1	100	66.5
	Jun 2014	685	11.5	448.70	593	0	76.05	120.0	45.6	100	66.5
	Jul 2014	720	11.7	448.00	580	-13	75.71	120.0	47.7	100	66.3
	Aug 2014	635	10.3	447.50	571	-10	75.13	120.0	41.6	100	65.6
	Sep 2014	550	9.2	446.81	557	-13	74.55	120.0	35.7	100	64.9
	WY 2014	**6652**							**436.7**		
	Oct 2014	448	7.3	446.31	548	-9	74.77	102.0	28.9	85	64.6
	Nov 2014	372	6.3	446.50	552	3	74.62	102.0	23.8	85	64.0
	Dec 2014	269	4.4	446.50	552	0	74.71	102.0	16.8	85	62.6
	Jan 2015	349	5.7	446.50	552	0	74.71	102.0	22.2	85	63.7
	Feb 2015	458	8.3	446.50	552	0	73.92	120.0	29.4	100	64.2

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 2013 24-Month Study

Most Probable Inflow*

Upper Basin Power

	Date	Glen Canyon 1000 MWHR	Flaming Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Reservoir 1000 MWHR	Fontenelle Reservoir 1000 MWHR
*	Mar 2012	275	62	9	12	6	4
	Winter 2012	**2475**	**300**	**97**	**117**	**61**	**26**
H	Apr 2012	276	47	16	22	14	4
I	May 2012	276	61	19	28	17	4
S	Jun 2012	324	34	26	33	19	7
T	Jul 2012	398	33	24	31	18	6
O	Aug 2012	360	31	21	28	16	6
R	Sep 2012	214	27	17	25	12	4
	Summer 2012	**1849**	**232**	**123**	**168**	**94**	**31**
I	Oct 2012	221	20	8	13	6	2
A	Dec 2012	346	27	4	6	2	4
L	Jan 2013	349	28	4	6	2	4
*	Feb 2013	259	25	4	5	1	3
	Mar 2013	237	19	7	8	4	4
	Winter 2013	**1412**	**119**	**27**	**38**	**14**	**16**
	Apr 2013	216	17	10	15	9	3
	May 2013	236	35	15	24	15	4
	Jun 2013	316	37	17	26	14	5
	Jul 2013	335	19	27	36	18	6
	Aug 2013	312	19	26	35	18	6
	Sep 2013	233	18	21	29	15	6
	Summer 2013	**1648**	**145**	**115**	**166**	**88**	**29**
	Oct 2013	232	19	11	17	9	4
	Nov 2013	230	18	4	6	4	6
	Dec 2013	303	19	3	5	3	6
	Jan 2014	300	19	4	6	4	5
	Feb 2014	224	17	3	6	3	4
	Mar 2014	223	19	4	7	5	4
	Winter 2014	**1513**	**111**	**30**	**47**	**28**	**30**
	Apr 2014	223	18	7	14	9	5
	May 2014	227	38	33	52	23	7
	Jun 2014	254	82	11	20	16	9
	Jul 2014	338	39	25	31	18	10
	Aug 2014	357	39	35	43	22	8
	Sep 2014	249	38	32	39	20	3
	Summer 2014	**1042**	**178**	**76**	**117**	**65**	**30**
	Oct 2014	237	39	17	22	12	6
	Nov 2014	236	38	9	11	6	6
	Dec 2014	313	39	23	29	15	6
	Jan 2015	310	39	20	25	13	6
	Feb 2015	232	35	17	23	12	5

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 2013 24-Month Study

Most Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions

Date	Flaming George KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Total KAF	Flaming George KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****EFFECTIVE SPACE****										
Mar 2013	985	500	758	12431	14675	13567	28241	269	104	317	691	12431	13567	26688	1500	982	0	31.9
Apr 2013	973	504	745	12685	14908	13908	28815	253	108	301	662	12685	13908	27254	1500	1109	0	31.4
May 2013	933	489	725	12798	14945	14413	29358	206	90	261	556	12798	14413	27768	1500	1038	0	31.3
Jun 2013	906	437	632	12658	14632	14835	29467	171	27	132	330	12658	14835	27823	1500	945	0	31.6
Jul 2013	809	378	582	12414	14183	15019	29201	63	-45	32	49	12414	15019	27482	1500	923	0	31.1
								****CREDITABLE SPACE****										
Aug 2013	762	419	607	12764	14552	15133	29684	762	419	607	1787	12764	15133	29684	1500	854	0	30.4
Sep 2013	778	473	635	13249	15135	15177	30312	778	473	635	1886	13249	15177	30312	2270	692	0	29.9
Oct 2013	803	518	648	13544	15513	15266	30778	803	518	648	1969	13544	15266	30778	3040	514	0	29.5
Nov 2013	817	530	646	13772	15764	15195	30959	817	530	646	1992	13772	15195	30959	3810	611	0	29.3
Dec 2013	826	516	646	13992	15980	15230	31210	826	516	646	1988	13992	15230	31210	4580	530	0	29.3
Jan 2014	846	504	655	14411	16416	14940	31356	846	504	655	2005	14411	14940	31356	5350	704	0	29.1
								****EFFECTIVE SPACE****										
Jan 2014	846	504	655	14411	16416	14940	31356	528	453	497	1478	14411	14940	30828	5350	704	0	29.1
Feb 2014	861	494	667	14815	16838	14819	31657	540	443	508	1491	14815	14819	31126	1500	674	0	28.8
Mar 2014	868	484	667	15024	17043	14845	31889	542	434	508	1484	15024	14845	31354	1500	1023	0	28.5
Apr 2014	824	465	613	15098	16999	15222	32221	492	414	450	1357	15098	15222	31676	1500	1109	0	28.5
May 2014	749	419	518	14926	16612	15676	32288	409	364	336	1109	14926	15676	31711	1500	997	0	29.7
Jun 2014	620	335	374	13714	15044	16055	31099	269	261	156	686	13714	16055	30455	1500	932	0	31.2
Jul 2014	469	129	321	12299	13219	16364	29583	104	36	51	191	12299	16364	28853	1500	855	0	31.3
								****CREDITABLE SPACE****										
Aug 2014	383	91	329	12239	13042	16410	29452	383	91	329	803	12239	16410	29452	1500	820	0	31.0
Sep 2014	414	130	344	12565	13454	16324	29777	414	130	344	888	12565	16324	29777	2270	625	0	30.6
Oct 2014	474	186	344	12698	13702	16318	30020	474	186	344	1005	12698	16318	30020	3040	456	0	30.5
Nov 2014	528	199	334	12757	13818	16189	30007	528	199	334	1061	12757	16189	30007	3810	598	0	30.4
Dec 2014	582	197	332	12865	13975	16210	30185	582	197	332	1111	12865	16210	30185	4580	485	0	30.4
Jan 2015	655	248	339	13174	14416	15874	30290	655	248	339	1241	13174	15874	30290	5350	717	0	30.1
								****EFFECTIVE SPACE****										
Jan 2015	655	248	339	13174	14416	15874	30290	289	248	217	755	13174	15874	29803	5350	717	0	30.1
Feb 2015	721	289	347	13481	14839	15765	30604	355	289	225	870	13481	15765	30116	1500	687	0	29.9

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2140

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April 24-Month Study
Date: April 11, 2013

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

Reservoir	March Inflow (unregulated) (acre-feet)	Percent of Average (%)	April 9 Midnight Elevation (feet)	Reservoir Storage (acre-feet)
Fontenelle	41,000	78	6473.42	133,000
Flaming Gorge	64,000	63	6020.39	2,993,000
Blue Mesa	23,000	64	7454.76	340,000
Navajo	31,000	34	6022.33	934,000
Powell	362,000	54	3598.16	11,575,000

Expected Operations

The operation of Lake Powell and Lake Mead in this April 2013 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines), and reflects the 2013 Annual Operating Plan (AOP). Pursuant to the Interim Guidelines, the August 2012 24-Month Study projections of the January 1, 2013, system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2013.

Consistent with Section 6.B of the Interim Guidelines, the Lake Powell operational tier for water year 2013 is the Upper Elevation Balancing Tier. The April 2013 24-Month Study projects the end of water year elevation at Lake Powell to be 3,584.13 feet and Lake Mead to be 1,104.18 feet. Since the projected end of water year elevation at Lake Powell is below the 2013 Equalization Elevation of 3,646.0 feet and the projected end of water year elevation at Lake Mead is above elevation 1,075.0 feet, Section 6.B.1 of the Interim Guidelines provide for an annual release volume of 8.23 million acre-feet (maf) from Lake Powell during water year 2013.

Consistent with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar year 2013.

Consistent with Section 6.C.1 of the Interim Guidelines, if the August 24-Month study projects the January 1, 2014, Lake Powell elevation to be less than 3,575.0 feet and at or above 3,525.0 feet and the Lake Mead elevation to be at or above 1,025.0 feet, the operational tier for Lake Powell in water year 2014 will be the Mid-Elevation Release Tier and the water year release volume from Lake Powell will be 7.48 maf. This April 2013 24-Month study projects that, with an 8.23 maf annual release pattern in water year 2014, the January 1, 2014, Lake Powell elevation would be 3,573.66 feet and the Lake Mead elevation would be 1,107.60 feet. Therefore, the 2014 Lake Powell operational tier is currently projected to be the Mid-Elevation Release Tier with an annual release volume of 7.48 maf. Based on analysis of a range of inflow scenarios, the current probability of realizing an inflow volume that would result in the Mid-Elevation Release Tier and a 7.48 maf annual release from Lake Powell in 2014 is approximately 65 percent.

The Interim Guidelines are available for download at
http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The 2013 AOP is available for download at
http://www.usbr.gov/uc/water/rsvrs/ops/aop/AOP13_final.pdf

Fontenelle Reservoir – Inflows to Fontenelle Reservoir for the month of March were 41,000 acre-feet (AF), or 78 percent of average. The reservoir elevation is 6472.9 feet, 38 percent of live capacity and increasing. Inflows are averaging 1,000 cubic feet per second (cfs). Reservoir releases remain at 850 cfs and will likely decrease this spring.

Inflows for the next three months are projected to be below average: with April, May and June forecasted inflow volumes at 70,000 AF (82% of average), 85,000 AF (52% of average), and 175,000 AF (58% of average), respectively. The Colorado Basin River Forecast Center has issued the official water supply forecast for the April through July unregulated inflow volume which is 405,000 af or 56 percent of the 1981-2010 thirty-year average.

The next Fontenelle Working Group meeting is scheduled for April 25, 2013, at 10:00 am at the Seedskadee National Wildlife Refuge. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir. The autumn Fontenelle Working Group meeting was held on August 23, 2012 at Joint Powers and Water Board in Green River, Wyoming. Minutes from the meeting are posted on the Working Group webpages.

Flaming Gorge Reservoir – Unregulated inflow into Flaming Gorge Reservoir during the month of March was 64,000 acre-feet (af), or 63 percent of average. The reservoir elevation is 6020.2 feet and increasing. Observed inflows are approximately 1,250 cubic feet per second (cfs).

Forecasts remain below average and Flaming Gorge Dam is in the moderately dry hydrologic classification as outlined in the Record of Decision. Flaming Gorge Dam releases are currently steady at approximately 820 cfs, and are expected to remain at this

level until spring runoff begins sometime in late May or early June. Information on spring releases will be updated throughout the next few months.

The Colorado Basin River Forecast Center has issued the official April water supply forecast for the April through July unregulated inflow volume which is 490,000 af or 50 percent of the 1981-2010 thirty-year average. The spring hydrologic classification would be moderately dry if the May 1 final unregulated inflow forecast into Flaming Gorge Reservoir remains in the range between 428,000 and 779,000 af. If conditions decrease and the May 1 final forecast drops below 428,000 af, the hydrologic condition will be dry. Alternatively, if conditions improve and the May final forecast increases above 779,000 af, the hydrologic classification would be average (below median).

The next Flaming Gorge Working Group meeting is scheduled for April 24, 2013, at 11:00 a.m. at the new Utah Department of Natural Resources building in Vernal, Utah, located at 318 North Vernal Avenue. The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stake holders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations and plans presented by Reclamation at these meetings. For more information on this group and these meetings please contact Ed Vidmar at 801-379-1182.

Aspinall Unit Reservoirs – March unregulated inflow into Blue Mesa Reservoir was 23,000 acre-feet or 64 percent of average. On March 10, 2013 the basin snowpack was 71 percent of average; which is a decrease of 9 percent from a month ago. Precipitation during March was 75 percent of average. The current inflow rate into Blue Mesa Reservoir is about 800 cfs while reservoir releases are averaging about 650 cfs. The reservoir elevation is currently at 7454.76 feet, which corresponds to a storage content of about 340,000 acre-feet.

The latest Water Supply Forecast for Water Year 2013 has been issued and the April through July unregulated inflow is forecasted to be at 315,000 acre-feet (47% of average), this is 45,000 acre-feet lower than last month's forecast. If this forecast holds through May 1st, the Black Canyon Water Right and Aspinall ROD would call for a one day peak flow of 640 cfs, and 900 cfs respectively. At this time Reclamation plans to continue to operate the Aspinall Unit to meet both the water right and ROD recommendations. Based on this forecast and the combination of meeting water right and ROD this coming spring, Blue Mesa Reservoir is projected to not fill this runoff season. The projected fill is calculated to be about 7466.4 feet, or about 53 feet and 418,000 acre-feet short of top of active conservation pool.

Releases from Crystal are currently set at 850 cfs. The Gunnison Diversion Tunnel is currently diverting about 500 cfs, which results in a river flow below the diversion tunnel of approximately 350 cfs. This lower flow is a result of Reclamation trying to conserve reservoir storage for what is forecasted to be a very dry year.

The next meeting of the "Aspinall Unit Working Group" will be held on Thursday, April 25, 2013 starting at 1:00 PM in Reclamation's Grand Junction Office. At this meeting, review of this winter's reservoir operations, and plans for this spring and summer operations will be discussed. These meetings are open forum discussions on the Aspinall Unit reservoir operations with many interested groups participating. Anyone needing further information about these meetings should contact Dan Crabtree in the Grand Junction Area Office at (970) 248-0652.

Navajo Reservoir – As a result of a lower river flows in the San Juan River Basin, the Bureau of Reclamation increased the release from Navajo Reservoir from 350 to 500 cubic feet per second (cfs) on Monday, March 25, 2013. Releases are made for the authorized purposes of the Navajo Unit, and to attempt to maintain a target base flow through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell).

The San Juan River Basin Recovery Implementation Program recommends a target base flow of between 500 cfs and 1,000 cfs through the critical habitat area. The target base flow is calculated as the weekly average of gaged flows throughout the critical habitat area.

The current San Juan River basin snowpack is 79% of average snow water equivalent (SWE). For the Animas River Basin it is 77%. Precipitation for the month of March in the San Juan River basin was less than 50 percent of average. Observed inflow into Navajo Reservoir during the month of March was 26,000 acre-feet. Modified-unregulated inflow volume was 31,000 af, or 29 percent of average. Currently, the daily observed inflow is averaging about 1600 cfs. NIIP has been diverting 480 cfs for the previous week, but is currently temporarily shut down. The reservoir water surface elevation is at 6022.40 feet, which corresponds to a storage content of about 934,336 acre-feet.

The next public meeting will be held April 23rd, 2013 at 1:00 PM at the Civic Center in Farmington, New Mexico (200 West Arrington Street). At this meeting, a review of forecasted hydrology, and plans for this spring and summer 2013 operations will be discussed. These meetings are open forum discussions on the operation of Navajo Reservoir with many interested groups participating. Anyone interested in the general operation of the reservoir is encouraged to attend. Please contact Ryan Christianson in Reclamation's Durango, Colorado Office at (970) 385-6590 for information about these meetings or the daily operation of Navajo Reservoir.

***Glen Canyon Dam / Lake Powell* –**

Current Status

The unregulated inflow volume to Lake Powell in March was 362 thousand acre-feet (kaf) (54% of average). The release volume from Glen Canyon Dam in March was 601 kaf. The end of March elevation and storage of Lake Powell were 3599.0 feet (101 feet from full pool) and 11.65 million acre-feet (maf) (48% of full capacity). The reservoir

elevation will continue to decline until snowmelt and spring runoff begin to fill the reservoir in late spring.

Current Operations

The operating tier for 2013 is the Upper Elevation Balancing Tier, as establish in August 2012 and pursuant to the Interim Guidelines. The April 24-Month Study projects the end of water year elevation at Lake Powell to be 3,584.13 feet and Lake Mead to be 1,104.18 feet. Since the projected end of water year elevation at Lake Powell is below the 2013 Equalization Elevation of 3,646.0 feet and the projected end of water year elevation at Lake Mead is above elevation 1,075.0 feet, Section 6.B.1 of the Interim Guidelines provide for an annual release volume of 8.23 maf from Lake Powell during water year 2013. Reclamation will schedule operations at Glen Canyon Dam to achieve as practicably as possible an 8.23 maf annual release volume by September 30, 2013.

Releases from Glen Canyon Dam in April are currently averaging approximately 9,600 cfs with daily fluctuations between approximately 6,500 cfs at nighttime and approximately 11,500 cfs during the daytime and consistent with the Glen Canyon Operating Criteria (Federal Register, Volume 62, No. 41, March 3, 1997). The scheduled release volume for April 2013 is 550 kaf.

In May, the release volume will likely be about 600 kaf, with fluctuations for hydropower between approximately 7,000 cfs in the nighttime and approximately 13,000 cfs in the daytime the mid-morning and evening hours. In addition, to accommodate airborne data collection, steady releases of approximately 8,000 cfs are tentatively planned near the end of May, beginning on or about Saturday May 25th and lasting for about one week. In June, the release volume will likely be about 800 kaf with fluctuations between approximately 9,000 cfs and 17,000 cfs.

In addition to daily scheduled fluctuations for power generation, the instantaneous releases from Glen Canyon Dam may also fluctuate to provide 40 MW of system regulation. These instantaneous release adjustments stabilize the electrical generation and transmission system and translate to a range of about 1,100 cfs above or below the hourly scheduled release rate. Typically, fluctuations for system regulation are very short lived and balance out over the hour and do not have noticeable impacts on downstream river flow conditions.

Releases from Glen Canyon Dam can also fluctuate beyond scheduled fluctuations for power generation when called upon as a partner that shares reserve requirements within the electrical generator community (i.e. balancing area). Reserves provide system reliability in the event of an unscheduled outage. Glen Canyon Dam typically maintains 43 MW of reserves (approximately 1,100 cfs). Reserve calls can be maintained for a maximum of 2 hours after which time the generation rate should be returned to the original schedule. If reserves from Glen Canyon Dam are called upon, releases from the dam can exceed scheduled levels and can have a noticeable impact on the river downstream from Glen Canyon Dam. Calls for reserves are fairly infrequent and typically are for much less than 43 MW.

Inflow Forecasts and Model Projections
The hydrologic forecast for Lake Powell for the April to July water supply season projects that the most probable (median) unregulated inflow volume will be 2.7 maf (38% of average based on the period 1981-2010). The forecast has continued to decrease throughout the winter and spring season. Based on the current forecast, the April 24-Month study projects the end of water year reservoir elevation and storage for Lake Powell will be 3584.1 and 10.30 maf (42% capacity), respectively, which is below the 2013 Equalization Elevation of 3,646feet. Therefore, consistent with the Interim Guidelines, the annual release volume from Lake Powell during water year 2013 is scheduled to be 8.23 maf. Reclamation will schedule operations at Glen Canyon Dam to achieve as practicably as possible an 8.23 maf annual release volume by September 30, 2013.

Consistent with the Interim Guidelines, if the August 24-Month study projects the January 1, 2014, Lake Powell elevation to be less than 3,575.0 feet and at or above 3,525.0 feet and the Lake Mead elevation to be at or above 1,025.0 feet, the operational tier for Lake Powell in water year 2014 will be the Mid-Elevation Release Tier and the water year release volume from Lake Powell will be 7.48 maf. This April 2013 24-Month study projects that, with an 8.23 maf annual release pattern in water year 2014, the January 1, 2014, Lake Powell elevation would be 3,573.66 feet and the Lake Mead elevation would be 1,107.60 feet. Therefore, the 2014 Lake Powell operational tier is currently projected to be the Mid-Elevation Release Tier with an annual release volume of 7.48 maf. Based on analysis of a range of inflow scenarios, the current probability of realizing an inflow volume that would result in the Mid-Elevation Release Tier and a 7.48 maf annual release from Lake Powell in 2014 is approximately 65 percent.

Upper Colorado River Basin Hydrology – Since 2005, the Upper Colorado River Basin has experienced significant year to year hydrologic variability. The unregulated inflow to Lake Powell, which is a good measure of hydrologic conditions in the Colorado River Basin, has averaged a water year volume of 10.22 maf (94% of average (period 1981-2010)) during the period from 2005 through 2012. The hydrologic variability during this period has been from a low water year unregulated inflow volume of 4.91 maf (45% of average) in water year 2012 to a high water year unregulated inflow volume of 15.97 maf (147% of average) in water year 2011. Based on observed inflows and current forecasts, water year 2013 unregulated inflow is expected to be 4.53 maf (42% of average), which would be the second below-average year in a row.

At the beginning of water year 2013, overall reservoir storage in the Colorado River Basin had increased by approximately 4 maf compared with water year 2005, which was an improvement over the persistent drought conditions of 2000 through 2004. Total reservoir storage in the Colorado River Basin had increased from 29.8 maf (50% of capacity) at the beginning of 2005 to 33.9 maf (57 % of capacity) at the beginning of 2013. However, during this period, total Colorado Basin storage experienced year to year increases and decreases in response to wet and dry hydrology. In addition, conditions in 2013 have been drier than average and given observed inflows and current forecasts, the

projected end of water year 2013 total reservoir storage is approximately 29.1 maf (49% of capacity).

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-430
125 SOUTH STATE STREET, ROOM 6107
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-3709

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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:	Obs			mar	Forecast			Outlook	
:	dec	jan	feb	mar	%Avg	apr	may	jun	apr-jul %Avg
GLDA3:Lake Powell	201	168	261	362	54%:	500/	800/	1000/	2700/: 38%
GBRW4:Fontenelle	28	23	23	41	78%:	70/	85/	175/	405/: 56%
GRNU1:Flaming Gorge	26	24	30	64	63%:	95/	115/	190/	490/: 50%
BMDC2:Blue Mesa	17.7	15.9	15.7	23	64%:	53/	109/	106/	315/: 47%
MPSC2:Morrow Point	18.4	16.7	16.5	24	60%:	58/	117/	111/	335/: 45%
CLSC2:Crystal	22	20	19.8	29	63%:	66/	131/	121/	370/: 44%
TPIC2:Taylor Park	3.1	3.0	2.8	3.5	79%:	6.5/	18/	22/	55/: 56%
VCRC2:Vallecito	3.0	3.4	3.0	4.2	49%:	10/	43/	41/	110/: 57%
NVRN5:Navajo	11.9	14.1	12.5	31	34%:	67/	165/	106/	370/: 50%
LEMC2:Lemon	0.42	0.28	0.39	0.64	40%:	3.5/	13/	11.5/	32/: 58%
MPHC2:McPhee	1.60	2.3	2.1	3.4	16%:	25/	60/	30/	125/: 42%
RBSC2:Ridgway	3.6	2.4	1.78	3.7	65%:	7/	17/	21/	55/: 54%

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2013 24-Month Study

Most Probable Inflow*

Fontenelle Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Apr 2012	98	1	60	0	60	6478.72	160
H	May 2012	130	1	61	0	62	6489.92	227
I	Jun 2012	189	2	83	16	99	6502.11	315
S	Jul 2012	92	3	72	3	75	6503.94	329
T	Aug 2012	36	2	68	0	68	6499.56	296
O	Sep 2012	23	2	46	8	54	6495.11	263
	WY 2012	**825**	**15**	**750**	**94**	**845**		
R	Oct 2012	29	1	25	28	53	6491.56	238
I	Nov 2012	35	1	22	28	51	6489.08	221
C	Dec 2012	28	1	52	0	52	6485.19	196
A	Jan 2013	23	1	53	0	53	6479.94	166
L	Feb 2013	23	0	48	0	48	6475.03	141
*	Mar 2013	41	0	52	0	52	6472.41	129
	Apr 2013	70	1	54	0	54	6475.71	145
	May 2013	85	1	49	0	49	6482.25	180
	Jun 2013	175	2	48	0	48	6500.67	304
	Jul 2013	75	3	49	0	49	6503.67	327
	Aug 2013	42	2	49	0	49	6502.46	318
	Sep 2013	35	2	65	0	65	6498.19	285
	WY 2013	**660**	**15**	**568**	**56**	**624**		
	Oct 2013	41	1	48	20	68	6494.32	258
	Nov 2013	39	1	65	0	65	6490.29	230
	Dec 2013	32	1	68	0	68	6484.68	194
	Jan 2014	30	1	68	0	68	6477.94	156
	Feb 2014	28	0	61	0	61	6470.71	122
	Mar 2014	53	0	68	0	68	6466.97	107
	Apr 2014	85	1	71	0	71	6470.24	120
	May 2014	164	1	99	6	105	6482.01	178
	Jun 2014	299	2	103	76	179	6499.70	297
	Jul 2014	178	3	101	31	132	6505.27	340
	Aug 2014	77	2	83	0	83	6504.16	331
	Sep 2014	46	2	36	44	80	6499.45	295
	WY 2014	**1071**	**15**	**871**	**176**	**1046**		
	Oct 2014	49	1	70	0	70	6496.36	272
	Nov 2014	42	1	68	0	68	6492.61	246
	Dec 2014	32	1	70	0	70	6486.74	207
	Jan 2015	30	1	70	0	70	6479.96	166
	Feb 2015	28	0	63	0	63	6472.57	130
	Mar 2015	53	0	70	0	70	6468.39	112

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2141

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2013 24-Month Study

Most Probable Inflow*

Flaming Gorge Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	Apr 2012	136	98	5	122	0	122	129	6026.21	3205	331
H	May 2012	153	85	8	159	19	178	125	6023.57	3108	385
I	Jun 2012	188	98	10	87	0	87	125	6023.59	3108	154
S	Jul 2012	93	76	12	84	0	84	124	6023.04	3088	99
T	Aug 2012	29	60	12	80	0	80	123	6022.19	3058	90
O	Sep 2012	19	50	10	68	0	68	122	6021.43	3030	79
	WY 2012	**990**	**1010**	**78**	**1366**	**20**	**1386**				**2278**
R	Oct 2012	24	48	7	52	0	52	122	6021.15	3020	71
I	Nov 2012	39	55	3	49	0	49	122	6021.23	3023	75
C	Dec 2012	25	50	2	70	0	70	121	6020.63	3002	110
A	Jan 2013	24	53	2	74	0	74	120	6020.03	2981	398
L	Feb 2013	30	55	2	67	0	67	119	6019.65	2967	388
*	Mar 2013	64	76	3	53	0	53	120	6020.19	2986	109
	Apr 2013	95	79	5	49	0	49	121	6020.88	3011	49
	May 2013	115	79	7	96	0	96	120	6020.22	2987	96
	Jun 2013	190	63	10	101	0	101	118	6018.94	2942	101
	Jul 2013	90	64	12	50	0	50	118	6018.97	2944	50
	Aug 2013	42	49	12	50	0	50	118	6018.62	2931	50
	Sep 2013	35	65	10	49	0	49	118	6018.80	2937	49
	WY 2013	**774**	**737**	**75**	**759**	**0**	**759**				**1546**
	Oct 2013	45	71	7	50	0	50	119	6019.19	2951	50
	Nov 2013	45	72	3	49	0	49	119	6019.73	2970	49
	Dec 2013	35	71	2	50	0	50	120	6020.23	2988	50
	Jan 2014	40	78	2	50	0	50	121	6020.92	3012	50
	Feb 2014	45	78	2	46	0	46	122	6021.74	3042	46
	Mar 2014	102	117	3	50	0	50	125	6023.44	3103	50
	Apr 2014	134	119	5	49	0	49	127	6025.17	3166	49
	May 2014	245	186	8	104	0	104	130	6027.09	3238	104
	Jun 2014	390	269	10	161	0	161	134	6029.55	3332	161
	Jul 2014	210	164	14	105	0	105	136	6030.70	3376	105
	Aug 2014	89	95	13	105	0	105	135	6030.15	3355	105
	Sep 2014	55	90	11	101	0	101	134	6029.58	3333	101
	WY 2014	**1434**	**1410**	**79**	**920**	**0**	**920**				**920**
	Oct 2014	59	81	7	105	0	105	133	6028.79	3303	105
	Nov 2014	51	77	3	101	0	101	132	6028.09	3276	101
	Dec 2014	35	73	2	105	0	105	130	6027.24	3244	105
	Jan 2015	40	80	2	105	0	105	129	6026.57	3219	105
	Feb 2015	45	80	2	94	0	94	129	6026.15	3203	94
	Mar 2015	102	120	3	105	0	105	129	6026.47	3215	105

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2013 24-Month Study

Most Probable Inflow*

Taylor Park Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Apr 2012	10	4	9311.81	73
H	May 2012	15	8	9316.40	81
I	Jun 2012	9	15	9312.87	75
S	Jul 2012	6	14	9307.53	66
T	Aug 2012	4	12	9302.28	58
O	Sep 2012	4	6	9300.80	56
	WY 2012	**80**	**95**		
R	Oct 2012	4	4	9301.04	57
I	Nov 2012	3	3	9301.07	57
C	Dec 2012	3	3	9301.09	57
A	Jan 2013	3	3	9301.07	57
L	Feb 2013	3	3	9301.01	57
*	Mar 2013	3	3	9301.27	57
	Apr 2013	7	3	9303.74	60
	May 2013	18	6	9311.56	72
	Jun 2013	22	12	9317.75	83
	Jul 2013	9	15	9313.74	76
	Aug 2013	6	13	9309.62	69
	Sep 2013	5	12	9305.11	62
	WY 2013	**85**	**79**		
	Oct 2013	5	6	9304.52	62
	Nov 2013	5	5	9304.56	62
	Dec 2013	5	5	9304.68	62
	Jan 2014	4	5	9304.58	62
	Feb 2014	4	5	9304.10	61
	Mar 2014	4	5	9304.06	61
	Apr 2014	9	5	9306.93	65
	May 2014	28	10	9318.03	83
	Jun 2014	42	24	9327.46	101
	Jul 2014	20	24	9325.49	97
	Aug 2014	10	24	9318.12	84
	Sep 2014	7	20	9310.65	71
	WY 2014	**144**	**135**		
	Oct 2014	7	14	9305.91	64
	Nov 2014	5	6	9305.31	63
	Dec 2014	5	6	9304.42	61
	Jan 2015	4	6	9303.28	60
	Feb 2015	4	6	9301.72	58
	Mar 2015	4	6	9300.60	56

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2013 24-Month Study

Most Probable Inflow*

Blue Mesa Reservoir

	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Apr 2012	57	51	1	58	0	58	7483.54	532
H	May 2012	74	66	1	71	0	71	7482.82	527
I	Jun 2012	45	50	1	93	0	93	7476.82	483
S	Jul 2012	30	39	1	90	0	90	7469.29	431
T	Aug 2012	28	36	1	79	0	79	7462.48	387
O	Sep 2012	19	21	1	67	0	67	7454.82	340
	WY 2012	**427**	**442**	**7**	**793**	**0**	**793**		
R	Oct 2012	20	20	0	33	0	33	7452.55	327
I	Nov 2012	19	19	0	19	0	19	7452.39	326
C	Dec 2012	18	18	0	16	0	16	7452.65	328
A	Jan 2013	16	16	0	15	0	15	7452.77	328
L	Feb 2013	16	16	0	15	0	15	7452.95	329
*	Mar 2013	23	23	0		0	16	7454.12	336
	Apr 2013	53	50	1	48	0	48	7454.37	337
	May 2013	109	97	1	55	0	55	7461.28	379
	Jun 2013	106	96	1	70	0	70	7465.21	404
	Jul 2013	47	54	1	92	0	92	7458.97	365
	Aug 2013	31	38	1	90	0	90	7449.87	312
	Sep 2013	25	32	1	70	0	70	7442.66	273
	WY 2013	**483**	**477**	**6**	**522**	**0**	**537**		
	Oct 2013	30	30	0	45	0	45	7439.71	258
	Nov 2013	28	28	0	15	0	15	7442.25	271
	Dec 2013	26	25	0	15	0	15	7444.24	281
	Jan 2014	24	24	0	15	0	15	7446.00	291
	Feb 2014	22	23	0	13	0	13	7447.84	301
	Mar 2014	36	36	0	16	0	16	7451.39	320
	Apr 2014	77	73	1	28	0	28	7459.01	365
	May 2014	221	203	1	115	0	115	7472.39	452
	Jun 2014	261	243	1	36	0	36	7499.61	658
	Jul 2014	117	121	1	93	0	93	7502.78	684
	Aug 2014	63	77	1	102	0	102	7499.65	658
	Sep 2014	38	51	1	89	0	89	7494.80	619
	WY 2014	**943**	**934**	**7**	**581**	**0**	**581**		
	Oct 2014	38	46	1	52	0	52	7493.93	612
	Nov 2014	31	32	0	23	0	23	7495.03	621
	Dec 2014	26	27	0	66	0	66	7490.00	581
	Jan 2015	24	26	0	67	0	67	7484.61	540
	Feb 2015	22	25	0	60	0	60	7479.80	505
	Mar 2015	36	38	0	32	0	32	7480.51	510

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2013 24-Month Study

Most Probable Inflow*

Morrow Point Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Apr 2012	63	58	6	64	63	0	63	7157.05	115
H	May 2012	80	71	6	76	79	0	79	7154.07	112
I	Jun 2012	45	93	1	93	93	0	93	7154.59	113
S	Jul 2012	31	90	0	90	89	0	89	7155.86	114
T	Aug 2012	28	79	0	80	80	0	80	7154.84	113
O	Sep 2012	19	67	0	68	71	0	71	7150.03	109
	WY 2012	**447**	**793**	**21**	**814**	**811**	**0**	**811**		
R	Oct 2012	22	33	1	34	40	0	40	7142.80	104
I	Nov 2012	20	19	1	20	16	0	16	7148.49	108
C	Dec 2012	18	16	1	17	18	0	18	7146.50	106
A	Jan 2013	17	15	1	16	17	0	17	7144.75	105
L	Feb 2013	17	15	1	15	16	0	16	7144.30	105
*	Mar 2013	24	16	1	17	17	0	17	7144.36	105
	Apr 2013	58	48	5	53	45	0	45	7153.73	112
	May 2013	117	55	8	63	63	0	63	7153.73	112
	Jun 2013	111	70	5	75	75	0	75	7153.73	112
	Jul 2013	49	92	2	94	94	0	94	7153.73	112
	Aug 2013	33	90	2	92	92	0	92	7153.73	112
	Sep 2013	27	70	2	72	72	0	72	7153.73	112
	WY 2013	**512**	**537**	**29**	**567**	**564**	**0**	**564**		
	Oct 2013	32	45	2	47	47	0	47	7153.73	112
	Nov 2013	30	15	2	17	17	0	17	7153.73	112
	Dec 2013	28	15	2	17	17	0	17	7153.73	112
	Jan 2014	27	15	2	17	17	0	17	7153.73	112
	Feb 2014	25	13	3	16	16	0	16	7153.73	112
	Mar 2014	40	16	4	20	20	0	20	7153.73	112
	Apr 2014	88	28	11	39	39	0	39	7153.73	112
	May 2014	247	115	26	141	141	0	141	7153.73	112
	Jun 2014	281	36	20	56	56	0	56	7153.73	112
	Jul 2014	123	93	6	99	99	0	99	7153.73	112
	Aug 2014	67	102	3	105	105	0	105	7153.73	112
	Sep 2014	41	89	3	92	92	0	92	7153.73	112
	WY 2014	**1027**	**581**	**85**	**666**	**666**	**0**	**666**		
	Oct 2014	41	52	3	55	55	0	55	7153.73	112
	Nov 2014	33	23	2	25	25	0	25	7153.73	112
	Dec 2014	28	66	2	69	69	0	69	7153.73	112
	Jan 2015	27	67	2	69	69	0	69	7153.73	112
	Feb 2015	25	60	3	63	63	0	63	7153.73	112
	Mar 2015	40	32	4	36	36	0	36	7153.73	112

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2013 24-Month Study

Most Probable Inflow*

Crystal Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
*	Apr 2012	71	63	8	71	71	0	71	6752.10	17	50	23
H	May 2012	86	79	6	84	86	0	86	6745.87	15	65	24
I	Jun 2012	49	93	3	96	97	0	97	6744.24	14	63	37
S	Jul 2012	35	89	4	93	93	0	93	6745.39	15	62	36
T	Aug 2012	32	80	3	84	84	0	84	6743.63	14	52	38
O	Sep 2012	22	71	2	74	63	11	74	6743.29	14	45	33
	WY 2012	**498**	**811**	**51**	**862**	**824**	**38**	**862**			**397**	**497**
R	Oct 2012	24	40	3	42	40	0	40	6750.72	16	20	20
I	Nov 2012	23	16	4	19	21	0	21	6746.77	15	1	19
C	Dec 2012	22	18	4	22	22	0	22	6749.11	16	1	20
A	Jan 2013	20	17	4	21	19	2	21	6747.09	15	0	20
L	Feb 2013	20	16	3	19	10	9	19	6745.57	15	0	19
*	Mar 2013	29	17	5	21	22	0	22	6744.50	15	0	23
	Apr 2013	66	45	8	53	51	0	51	6753.04	17	30	21
	May 2013	131	63	14	77	77	0	77	6753.04	17	55	21
	Jun 2013	121	75	10	85	85	0	85	6753.04	17	60	25
	Jul 2013	52	94	3	97	97	0	97	6753.04	17	65	32
	Aug 2013	36	92	3	95	95	0	95	6753.04	17	65	30
	Sep 2013	31	72	4	76	76	0	76	6753.04	17	55	21
	WY 2013	**576**	**564**	**64**	**627**	**613**	**12**	**625**			**352**	**272**
	Oct 2013	36	47	5	52	52	0	52	6753.04	17	30	22
	Nov 2013	34	17	4	21	21	0	21	6753.04	17	0	21
	Dec 2013	32	17	5	22	22	0	22	6753.04	17	0	22
	Jan 2014	31	17	5	22	22	0	22	6753.04	17	0	22
	Feb 2014	29	16	4	19	19	0	19	6753.04	17	0	19
	Mar 2014	46	20	6	26	26	0	26	6753.04	17	5	21
	Apr 2014	101	39	12	51	51	0	51	6753.04	17	30	21
	May 2014	281	141	34	175	134	41	175	6753.04	17	55	120
	Jun 2014	315	56	34	90	90	0	90	6753.04	17	60	30
	Jul 2014	138	99	14	114	114	0	114	6753.04	17	65	49
	Aug 2014	75	105	8	114	114	0	114	6753.04	17	65	49
	Sep 2014	47	92	6	98	98	0	98	6753.04	17	55	43
	WY 2014	**1165**	**666**	**138**	**803**	**762**	**41**	**803**			**365**	**438**
	Oct 2014	47	55	6	61	61	0	61	6753.04	17	30	31
	Nov 2014	38	25	5	30	30	0	30	6753.04	17	0	30
	Dec 2014	32	69	5	73	73	0	73	6753.04	17	0	73
	Jan 2015	31	69	5	74	74	0	74	6753.04	17	0	74
	Feb 2015	29	63	4	66	66	0	66	6753.04	17	0	66
	Mar 2015	46	36	6	42	42	0	42	6753.04	17	5	37

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2013 24-Month Study

Most Probable Inflow*

Vallecito Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Apr 2012	36	3	7661.80	117
H	May 2012	42	35	7664.36	124
I	Jun 2012	17	36	7656.80	104
S	Jul 2012	11	35	7647.02	80
T	Aug 2012	7	33	7634.93	54
O	Sep 2012	4	22	7624.48	36
	WY 2012	**168**	**188**		
R	Oct 2012	3	3	7624.51	36
I	Nov 2012	3	1	7625.69	37
C	Dec 2012	3	0	7627.33	40
A	Jan 2013	3	0	7629.10	43
L	Feb 2013	3	0	7630.60	46
*	Mar 2013	4	0	7632.64	50
	Apr 2013	10	0	7637.47	59
	May 2013	43	24	7646.08	78
	Jun 2013	41	39	7646.68	79
	Jul 2013	16	36	7637.20	58
	Aug 2013	11	31	7626.04	38
	Sep 2013	11	18	7621.42	31
	WY 2013	**152**	**154**		
	Oct 2013	12	7	7624.27	35
	Nov 2013	8	0	7628.75	43
	Dec 2013	6	0	7632.10	49
	Jan 2014	5	0	7634.75	54
	Feb 2014	5	0	7636.95	58
	Mar 2014	9	0	7640.84	66
	Apr 2014	23	1	7650.39	88
	May 2014	71	34	7664.79	125
	Jun 2014	70	70	7664.75	125
	Jul 2014	29	42	7659.81	112
	Aug 2014	20	38	7652.53	93
	Sep 2014	17	30	7647.32	81
	WY 2014	**276**	**223**		
	Oct 2014	16	20	7645.35	76
	Nov 2014	9	8	7645.51	76
	Dec 2014	6	6	7645.51	76
	Jan 2015	5	5	7645.47	76
	Feb 2015	5	5	7645.51	76
	Mar 2015	9	3	7647.81	82

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2013 24-Month Study

Most Probable Inflow*

Navajo Reservoir

	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azetea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Farmington Flow (1000 Ac-Ft)
*	Apr 2012	149	18	98	2	27	30	6059.88	1346	97
H	May 2012	131	17	105	4	34	110	6056.40	1303	177
I	Jun 2012	20	4	35	4	46	42	6051.70	1246	57
S	Jul 2012	10	1	33	4	44	52	6045.91	1178	60
T	Aug 2012	0	0	26	3	45	55	6038.86	1101	47
O	Sep 2012	-2	0	17	2	22	58	6032.62	1035	56
	WY 2012	**523**	**53**	**490**	**26**	**236**	**521**			**814**
R	Oct 2012	3	0	3	1	11	40	6027.78	986	43
I	Nov 2012	9	0	7	1	0	23	6026.11	970	32
C	Dec 2012	12	0	9	0	0	22	6024.73	957	30
A	Jan 2013	14	0	11	0	0	20	6023.77	947	
L	Feb 2013	13	0	10	1	0	19	6022.74	938	36
*	Mar 2013	31	1	26	1	6	22	6022.39	934	33
	Apr 2013	67	11	46	2	17	27	6022.39	934	27
	May 2013	165	24	122	3	31	22	6029.27	1001	22
	Jun 2013	106	8	96	3	46	21	6031.84	1027	21
	Jul 2013	32	1	51	3	51	25	6029.05	999	25
	Aug 2013	31	0	51	3	43	38	6025.71	966	38
	Sep 2013	27	0	34	2	24	33	6023.00	940	33
	WY 2013	**510**	**46**	**466**	**21**	**229**	**311**			**339**
	Oct 2013	35	0	31	1	6	30	6022.28	933	30
	Nov 2013	29	0	22	1	0	26	6021.75	928	26
	Dec 2013	25	0	19	0	0	31	6020.46	916	31
	Jan 2014	22	0	17	0	0	31	6018.91	902	31
	Feb 2014	30	0	26	1	0	28	6018.62	899	28
	Mar 2014	92	2	82	1	2	27	6024.08	950	27
	Apr 2014	170	14	134	2	18	21	6033.50	1044	21
	May 2014	277	37	203	3	33	30	6046.14	1181	30
	Jun 2014	224	32	191	4	48	95	6049.91	1224	95
	Jul 2014	66	6	72	4	53	22	6049.33	1218	22
	Aug 2014	45	2	61	3	46	25	6048.24	1205	25
	Sep 2014	43	0	55	3	26	30	6047.98	1202	30
	WY 2014	**1059**	**94**	**912**	**23**	**232**	**396**			**396**
	Oct 2014	47	1	50	2	7	31	6048.92	1213	31
	Nov 2014	34	1	32	1	0	30	6049.06	1215	30
	Dec 2014	25	0	25	1	0	31	6048.51	1208	31
	Jan 2015	22	0	22	1	0	31	6047.69	1199	31
	Feb 2015	30	0	30	1	0	28	6047.83	1200	28
	Mar 2015	92	2	84	1	2	31	6052.10	1250	31

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2013 24-Month Study

Most Probable Inflow*

Lake Powell

	Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry (1000 Ac-Ft)
*	Apr 2012	764	689	29	606	0	606	3635.76	5294	15508	612
H	May 2012	792	770	35	601	0	601	3636.83	5304	15632	606
I	Jun 2012	353	398	54	709	0	709	3633.90	5277	15294	712
S	Jul 2012	154	285	62	886	0	886	3628.45	5228	14680	892
T	Aug 2012	101	289	60	800	0	800	3623.62	5186	14151	810
O	Sep 2012	104	296	54	481	0	481	3621.56	5168	13929	478
	WY 2012	**4908**	**5964**	**455**	**9466**	**0**	**9466**				**9527**
R	Oct 2012	190	294	37	498	0	498	3619.46	5150	13706	495
I	Nov 2012	246	273	35	652	78	730	3615.10	5114	13251	736
C	Dec 2012	201	247	27	801	0	801	3609.82	5071	12713	800
A	Jan 2013	168	230	8	801	0	801	3604.42	5028	12177	801
L	Feb 2013	262	300	9	600	0	600	3601.47	5005	11891	595
*	Mar 2013	362	357	14	601	0	601	3598.96	4986	11651	594
	Apr 2013	500	427	23	550	0	550	3597.54	4975	11516	550
	May 2013	800	638	26	600	0	600	3597.65	4976	11527	600
	Jun 2013	1000	843	41	800	0	800	3597.67	4976	11529	800
	Jul 2013	400	450	49	849	0	849	3593.22	4943	11115	849
	Aug 2013	200	318	47	800	0	800	3587.82	4904	10624	800
	Sep 2013	200	290	42	600	0	600	3584.13	4878	10298	600
	WY 2013	**4530**	**4666**	**358**	**8152**	**78**	**8230**				**8220**
	Oct 2013	338	361	29	480	0	480	3582.56	4867	10161	480
	Nov 2013	393	380	28	500	0	500	3580.99	4856	10024	500
	Dec 2013	363	373	22	600	0	600	3578.29	4837	9794	600
	Jan 2014	361	371	6	800	0	800	3573.47	4805	9391	800
	Feb 2014	393	382	7	600	0	600	3570.93	4788	9183	600
	Mar 2014	665	533	11	600	0	600	3570.03	4782	9110	600
	Apr 2014	1056	803	18	500	0	500	3573.26	4804	9374	500
	May 2014	2343	1918	23	600	0	600	3587.24	4900	10573	600
	Jun 2014	2666	2164	40	600	0	600	3602.44	5012	11984	600
	Jul 2014	1091	977	51	800	0	800	3603.63	5022	12100	800
	Aug 2014	500	582	51	800	0	800	3601.05	5002	11851	800
	Sep 2014	408	518	47	600	0	600	3599.81	4992	11732	600
	WY 2014	**10576**	**9362**	**333**	**7480**	**0**	**7480**				**7480**
	Oct 2014	512	563	32	600	0	600	3599.14	4987	11668	600
	Nov 2014	473	512	31	600	0	600	3597.97	4978	11558	600
	Dec 2014	363	479	24	800	0	800	3594.56	4953	11238	800
	Jan 2015	361	477	7	800	0	800	3591.23	4928	10932	800
	Feb 2015	393	478	8	600	0	600	3589.90	4919	10812	600
	Mar 2015	665	606	13	600	0	600	3589.83	4918	10805	600

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2013 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Glen Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Apr 2012	606	46	46	1170	19.7	20	1163	909	1123.93	13986
H	May 2012	601	16	52	1008	16.4	30	1007	880	1119.38	13541
I	Jun 2012	709	7	62	989	16.6	28	989	858	1115.84	13200
S	Jul 2012	886	69	77	841	13.7	29	819	858	1115.92	13207
T	Aug 2012	800	169	82	798	13.0	24	793	862	1116.56	13269
O	Sep 2012	481	97	67	635	10.7	18	634	854	1115.16	13135
	WY 2012	**9466**	**730**	**638**	**9421**		**227**	**9356**			
R	Oct 2012	498	53	49	346	5.6	20	331	862	1116.50	13263
I	Nov 2012	730	60	49	650	10.9	14	649	867	1117.24	13334
C	Dec 2012	801	50	43	476	7.7	11	432	886	1120.36	13636
A	Jan 2013	801	55	35	609	9.9	8	591	899	1122.32	13828
L	Feb 2013	600	69	32	646	11.6	8	644	898	1122.14	13810
*	Mar 2013	601	67	36	987	16.1	13	986	875	1118.59	13465
	Apr 2013	550	80	44	1105	18.6	16	1105	843	1113.35	12963
	May 2013	600	64	50	1016	16.5	26	1016	816	1109.07	12560
	Jun 2013	800	33	59	949	16.0	25	949	804	1107.03	12372
	Jul 2013	849	55	73	923	15.0	30	923	797	1105.77	12257
	Aug 2013	800	109	78	854	13.9	25	854	794	1105.28	12212
	Sep 2013	600	81	64	703	11.8	21	703	787	1104.18	12112
	WY 2013	**8230**	**775**	**612**	**9264**		**219**	**9181**			
	Oct 2013	480	54	46	513	8.3	19	513	785	1103.72	12070
	Nov 2013	500	44	46	617	10.4	26	617	776	1102.23	11935
	Dec 2013	600	99	40	536	8.7	21	536	782	1103.29	12031
	Jan 2014	800	81	33	704	11.5	16	704	790	1104.62	12152
	Feb 2014	600	94	30	674	12.1	18	674	788	1104.34	12126
	Mar 2014	600	77	33	1023	16.6	21	1023	764	1100.16	11750
	Apr 2014	500	80	41	1109	18.6	14	1109	728	1093.96	11202
	May 2014	600	64	46	997	16.2	24	997	704	1089.61	10823
	Jun 2014	600	33	55	932	15.7	22	932	681	1085.48	10470
	Jul 2014	800	55	68	855	13.9	28	855	675	1084.40	10379
	Aug 2014	800	109	72	820	13.3	23	820	674	1084.34	10374
	Sep 2014	600	81	59	625	10.5	19	625	673	1084.10	10354
	WY 2014	**7480**	**870**	**567**	**9405**		**251**	**9405**			
	Oct 2014	600	54	43	455	7.4	17	455	681	1085.65	10484
	Nov 2014	600	44	43	598	10.0	23	598	680	1085.42	10465
	Dec 2014	800	99	37	485	7.9	18	485	702	1089.36	10802
	Jan 2015	800	81	31	717	11.7	16	717	709	1090.63	10911
	Feb 2015	600	94	28	687	12.4	18	687	707	1090.20	10874
	Mar 2015	600	77	32	1036	16.8	22	1036	682	1085.68	10487

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2013 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Apr 2012	1170	-24	17	1091	0	1091	18.3	643.35	1708
H	May 2012	1008	-14	22	980	0	980	15.9	643.06	1700
I	Jun 2012	989	-19	25	952	0	952	16.0	642.80	1693
S	Jul 2012	841	-9	25	805	0	805	13.1	642.89	1696
T	Aug 2012	798	-11	23	744	0	744	12.1	643.63	1716
O	Sep 2012	635	-5	18	723	0	723	12.1	639.55	1605
	WY 2012	**9421**	**-177**	**197**	**9051**	**0**	**9051**			
R	Oct 2012	346	-3	14	556	0	556	9.0	630.75	1377
I	Nov 2012	650	-11	10	499	0	499	8.4	635.82	1507
C	Dec 2012	476	-6	9	395	0	395	6.4	638.30	1572
A	Jan 2013	609	-11	10	510	0	510	8.3	641.20	1650
L	Feb 2013	646	-12	10	609	0	609	11.0	641.78	1665
*	Mar 2013	987	-11	13	956	0	956	15.5	642.06	1673
	Apr 2013	1105	-15	17	1048	0	1048	17.6	643.00	1699
	May 2013	1016	-14	22	980	0	980	15.9	643.00	1699
	Jun 2013	949	-12	25	939	0	939	15.8	642.00	1671
	Jul 2013	923	-5	25	906	0	906	14.7	641.50	1658
	Aug 2013	854	-8	23	823	0	823	13.4	641.50	1658
	Sep 2013	703	-1	18	777	0	777	13.1	638.00	1564
	WY 2013	**9264**	**-110**	**196**	**8998**	**0**	**8998**			
	Oct 2013	513	0	15	628	0	628	10.2	633.00	1434
	Nov 2013	617	-16	10	539	0	539	9.1	635.00	1486
	Dec 2013	536	-17	9	412	0	412	6.7	638.71	1583
	Jan 2014	704	-16	10	596	0	596	9.7	641.80	1666
	Feb 2014	674	-8	10	656	0	656	11.8	641.80	1666
	Mar 2014	1023	-16	13	959	0	959	15.6	643.05	1700
	Apr 2014	1109	-15	17	1079	0	1079	18.1	643.00	1699
	May 2014	997	-14	22	961	0	961	15.6	643.00	1699
	Jun 2014	932	-12	25	922	0	922	15.5	642.00	1671
	Jul 2014	855	-5	25	839	0	839	13.6	641.50	1658
	Aug 2014	820	-8	23	789	0	789	12.8	641.50	1658
	Sep 2014	625	-1	18	699	0	699	11.7	638.00	1564
	WY 2014	**9405**	**-129**	**197**	**9079**	**0**	**9079**			
	Oct 2014	455	0	15	569	0	569	9.3	633.00	1434
	Nov 2014	598	-16	10	520	0	520	8.7	635.00	1486
	Dec 2014	485	-17	9	361	0	361	5.9	638.71	1583
	Jan 2015	717	-16	10	609	0	609	9.9	641.80	1666
	Feb 2015	687	-8	10	669	0	669	12.0	641.80	1666
	Mar 2015	1036	-16	13	973	0	973	15.8	643.05	1700

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2013 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	Apr 2012	1091	24	11	785	13.2	97	180	449.13	602	183	3.1
H	May 2012	980	26	13	709	11.5	100	179	448.81	596	99	1.6
I	Jun 2012	952	10	15	719	12.1	97	130	448.23	584	103	1.7
S	Jul 2012	805	46	17	675	11.0	101	34	448.91	598	124	2.0
T	Aug 2012	744	26	17	568	9.2	100	85	448.38	587	97	1.6
O	Sep 2012	723	31	15	548	9.2	74	137	446.98	561	90	1.5
	WY 2012	**9051**	**290**	**140**	**6652**		**723**	**1763**			**1435**	
R	Oct 2012	556	34	12	482	7.8	14	32	449.31	606	70	1.1
I	Nov 2012	499	27	9	348	5.9	14	174	448.06	581	88	1.5
C	Dec 2012	395	21	7	289	4.7	15	132	446.41	550	132	2.2
A	Jan 2013	510	17	6	352	5.7	57	80	448.01	580	143	2.3
L	Feb 2013	609	5	8	444	8.0	7	147	448.13	583	158	2.8
*	Mar 2013	956	9	9	680	11.1	98	180	447.58	572	192	3.1
	Apr 2013	1048	21	11	781	13.1	87	173	448.00	580	212	3.6
	May 2013	980	20	13	688	11.2	94	184	448.50	589	111	1.8
	Jun 2013	939	15	16	693	11.7	96	131	448.70	593	109	1.8
	Jul 2013	906	25	17	724	11.8	99	91	448.00	580	111	1.8
	Aug 2013	823	24	17	639	10.4	99	89	447.50	571	105	1.7
	Sep 2013	777	23	15	560	9.4	96	133	446.81	557	102	1.7
	WY 2013	**8998**	**241**	**140**	**6681**		**776**	**1545**			**1533**	
	Oct 2013	628	26	12	453	7.4	47	143	446.31	548	65	1.1
	Nov 2013	539	32	8	378	6.4	52	123	446.50	552	99	1.7
	Dec 2013	412	26	6	277	4.5	53	97	446.50	552	105	1.7
	Jan 2014	596	16	6	335	5.5	89	176	446.50	552	125	2.0
	Feb 2014	656	10	8	445	8.0	79	127	446.50	552	156	2.8
	Mar 2014	959	17	9	691	11.2	89	175	446.70	555	201	3.3
	Apr 2014	1079	21	11	788	13.2	86	169	448.70	593	212	3.6
	May 2014	961	20	13	694	11.3	89	173	448.70	593	111	1.8
	Jun 2014	922	15	16	685	11.5	86	137	448.70	593	109	1.8
	Jul 2014	839	25	17	719	11.7	89	38	448.00	580	111	1.8
	Aug 2014	789	24	17	635	10.3	89	70	447.50	571	105	1.7
	Sep 2014	699	23	15	549	9.2	60	101	446.81	557	102	1.7
	WY 2014	**9079**	**256**	**139**	**6650**		**908**	**1531**			**1500**	
	Oct 2014	569	26	12	447	7.3	15	124	446.31	548	65	1.1
	Nov 2014	520	32	8	372	6.3	15	147	446.50	552	99	1.7
	Dec 2014	361	26	6	269	4.4	15	92	446.50	552	105	1.7
	Jan 2015	609	16	6	348	5.7	89	176	446.50	552	125	2.0
	Feb 2015	669	10	8	458	8.3	79	127	446.50	552	156	2.8
	Mar 2015	973	17	9	704	11.5	89	175	446.70	555	201	3.3

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2141

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2013 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Apr 2012	1170	19.7	1123.93	13986	-548	475.07	1164.0	505.3	62	432.0
H	May 2012	1008	16.4	1119.38	13541	-445	471.90	1050.0	429.0	56	425.4
I	Jun 2012	989	16.6	1115.84	13200	-341	470.21	1829.0	414.2	100	418.8
S	Jul 2012	841	13.7	1115.92	13207	8	471.23	1374.0	349.7	76	415.6
T	Aug 2012	798	13.0	1116.56	13269	61	471.53	1809.0	331.4	100	415.2
O	Sep 2012	635	10.7	1115.16	13135	-134	473.98	1809.0	261.9	100	412.2
	WY 2012	**9421**							**3985.6**		
R	Oct 2012	346	5.6	1116.50	13263	128	476.50	1051.0	141.3	58	409.0
I	Nov 2012	650	10.9	1117.24	13334	71	473.22	1051.0	276.3	58	424.7
C	Dec 2012	476	7.7	1120.36	13636	302	475.06	1520.0	198.5	84	417.3
A	Jan 2013	609	9.9	1122.32	13828	192	474.10	1062.0	259.8	59	426.6
L	Feb 2013	646	11.6	1122.14	13810	-18	475.07	1072.0	276.4	59	427.6
*	Mar 2013	987	16.1	1118.59	13465	-346	472.93	1073.0	425.6	59	431.1
	Apr 2013	1105	18.6	1113.35	12963	-502	467.26	1042.0	487.6	57	441.4
	May 2013	1016	16.5	1109.07	12560	-402	461.63	1090.0	431.7	62	424.9
	Jun 2013	949	16.0	1107.03	12372	-188	454.68	1743.0	389.5	100	410.3
	Jul 2013	923	15.0	1105.77	12257	-116	453.53	1736.0	374.7	100	406.0
	Aug 2013	854	13.9	1105.28	12212	-45	452.82	1733.0	350.5	100	410.3
	Sep 2013	703	11.8	1104.18	12112	-100	453.17	1727.0	282.9	100	402.5
	WY 2013	**9264**							**3894.7**		
	Oct 2013	513	8.3	1103.72	12070	-42	456.43	1429.0	208.6	83	406.9
	Nov 2013	617	10.4	1102.23	11935	-135	457.39	1380.0	251.5	80	407.8
	Dec 2013	536	8.7	1103.29	12031	96	455.43	1375.0	212.5	79	396.3
	Jan 2014	704	11.5	1104.62	12152	121	458.06	794.0	296.9	45	421.7
	Feb 2014	674	12.1	1104.34	12126	-26	453.60	1429.0	274.4	82	407.2
	Mar 2014	1023	16.6	1100.16	11750	-376	450.72	1450.0	415.5	84	406.3
	Apr 2014	1002	16.8	1093.96	11202	-548	449.28	708.0	438.3	42	437.4
	May 2014	997	16.2	1089.61	10823	-379	441.66	1140.0	402.0	68	403.2
	Jun 2014	932	15.7	1085.48	10470	-353	434.33	1656.0	365.4	100	392.0
	Jul 2014	855	13.9	1084.40	10379	-91	432.23	1653.0	336.1	100	392.9
	Aug 2014	820	13.3	1084.34	10374	-6	431.83	1659.0	320.5	100	390.8
	Sep 2014	625	10.5	1084.10	10354	-20	432.82	1659.0	237.5	100	379.9
	WY 2014	**9298**							**3759.2**		
	Oct 2014	455	7.4	1085.65	10484	131	437.47	1368.8	175.9	83	387.0
	Nov 2014	598	10.0	1085.42	10465	-19	440.05	1324.1	234.7	80	392.6
	Dec 2014	485	7.9	1089.36	10802	336	440.15	1305.0	190.4	79	392.6
	Jan 2015	717	11.7	1090.63	10911	110	444.14	750.6	294.8	45	411.1
	Feb 2015	687	12.4	1090.20	10874	-37	439.62	1352.4	272.6	82	396.8
	Mar 2015	1036	16.8	1085.68	10487	-387	436.50	1390.5	408.9	84	394.8

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2141

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2013 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Apr 2012	1091	18.3	643.35	1708	39	142.08	249.9	147.4	98	135.2
H	May 2012	980	15.9	643.06	1700	-8	141.39	252.5	128.9	99	131.5
I	Jun 2012	952	16.0	642.80	1693	-7	140.12	255.0	122.6	100	128.8
S	Jul 2012	805	13.1	642.89	1696	2	143.36	255.0	100.7	100	125.1
T	Aug 2012	744	12.1	643.63	1716	20	142.43	252.5	92.5	99	124.3
O	Sep 2012	723	12.1	639.55	1605	-111	137.86	255.0	96.5	100	133.5
	WY 2012	**9051**							**1153.5**		
R	Oct 2012	556	9.0	630.75	1377	-228	130.98	206.6	68.5	81	123.3
I	Nov 2012	499	8.4	635.82	1507	130	136.16	168.3	67.9	66	136.0
C	Dec 2012	395	6.4	638.30	1572	65	134.78	183.6	44.1	72	111.7
A	Jan 2013	510	8.3	641.20	1650	78	139.33	163.2	63.2	64	123.8
L	Feb 2013	609	11.0	641.78	1665	16	138.67	153.0	76.8	60	126.1
*	Mar 2013	956	15.5	642.06	1673	8	140.26	196.4	120.2	77	125.8
	Apr 2013	1048	17.6	643.00	1699	26	135.62	252.5	130.0	99	124.1
	May 2013	980	15.9	643.00	1699	0	136.04	255.0	122.5	100	125.0
	Jun 2013	939	15.8	642.00	1671	-27	135.51	255.0	117.0	100	124.6
	Jul 2013	906	14.7	641.50	1658	-14	134.73	255.0	112.6	100	124.2
	Aug 2013	823	13.4	641.50	1658	0	134.46	255.0	102.5	100	124.4
	Sep 2013	777	13.1	638.00	1564	-94	132.62	255.0	95.5	100	123.0
	WY 2013	**8998**							**1120.7**		
	Oct 2013	628	10.2	633.00	1434	-130	129.33	214.2	75.4	84	120.2
	Nov 2013	539	9.1	635.00	1486	51	127.83	211.7	64.3	83	119.2
	Dec 2013	412	6.7	638.71	1583	97	130.91	209.1	50.6	82	122.7
	Jan 2014	596	9.7	641.80	1666	83	134.46	209.1	74.2	82	124.6
	Feb 2014	656	11.8	641.80	1666	0	136.08	209.1	82.1	82	125.3
	Mar 2014	959	15.6	643.05	1700	34	135.44	255.0	119.5	100	124.6
	Apr 2014	1079	18.1	643.00	1699	-2	136.07	255.0	134.2	100	124.4
	May 2014	961	15.6	643.00	1699	0	136.04	255.0	120.2	100	125.1
	Jun 2014	922	15.5	642.00	1671	-27	135.51	255.0	114.9	100	124.7
	Jul 2014	839	13.6	641.50	1658	-14	134.73	255.0	104.5	100	124.6
	Aug 2014	789	12.8	641.50	1658	0	134.46	255.0	98.4	100	124.6
	Sep 2014	699	11.7	638.00	1564	-94	132.62	255.0	86.3	100	123.4
	WY 2014	**9079**							**1124.6**		
	Oct 2014	569	9.3	633.00	1434	-130	129.33	214.2	68.6	84	120.5
	Nov 2014	520	8.7	635.00	1486	51	127.83	211.7	62.1	83	119.4
	Dec 2014	361	5.9	638.71	1583	97	130.91	209.1	44.5	82	123.1
	Jan 2015	609	9.9	641.80	1666	83	134.46	209.1	75.8	82	124.5
	Feb 2015	669	12.0	641.80	1666	0	136.08	209.1	83.7	82	125.2
	Mar 2015	973	15.8	643.05	1700	34	135.44	255.0	121.1	100	124.5

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2013 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Apr 2012	785	13.2	449.13	602	36	83.37	120.0	54.1	100	69.0
H	May 2012	709	11.5	448.81	596	-6	81.37	111.6	49.6	93	69.9
I	Jun 2012	719	12.1	448.23	584	-11	79.00	120.0	49.7	100	69.1
S	Jul 2012	675	11.0	448.91	598	13	82.94	120.0	46.8	100	69.4
T	Aug 2012	568	9.2	448.38	587	-10	80.54	120.0	39.3	100	69.2
O	Sep 2012	548	9.2	446.98	561	-26	81.05	120.0	37.8	100	69.0
	WY 2012	**6652**							**458.2**		
R	Oct 2012	482	7.8	449.31	606	44	83.52	96.0	33.3	80	69.0
I	Nov 2012	348	5.9	448.06	581	-24	82.22	92.4	24.1	77	69.2
C	Dec 2012	289	4.7	446.41	550	-31	80.98	103.2	19.5	86	67.5
A	Jan 2013	352	5.7	448.01	580	30	83.56	102.0	24.4	85	69.4
L	Feb 2013	444	8.0	448.13	583	2	80.52	115.2	31.2	96	70.1
*	Mar 2013	680	11.1	447.58	572	-10	81.73	120.0	46.8	100	68.9
	Apr 2013	781	13.1	448.00	580	8	75.85	104.4	52.1	87	66.7
	May 2013	688	11.2	448.50	589	9	75.61	120.0	45.5	100	66.1
	Jun 2013	693	11.7	448.70	593	4	75.95	120.0	46.1	100	66.4
	Jul 2013	724	11.8	448.00	580	-13	75.71	120.0	48.0	100	66.3
	Aug 2013	639	10.4	447.50	571	-10	75.13	120.0	41.9	100	65.6
	Sep 2013	560	9.4	446.81	557	-13	74.55	120.0	36.4	100	64.9
	WY 2013	**6681**							**449.2**		
	Oct 2013	453	7.4	446.31	548	-9	75.37	90.0	29.5	75	65.2
	Nov 2013	378	6.4	446.50	552	3	75.10	92.4	24.4	77	64.5
	Dec 2013	277	4.5	446.50	552	0	75.32	90.0	17.5	75	63.2
	Jan 2014	335	5.5	446.50	552	0	75.19	92.4	21.5	77	64.0
	Feb 2014	445	8.0	446.50	552	0	75.13	93.6	29.1	78	65.2
	Mar 2014	691	11.2	446.70	555	4	75.42	90.0	45.8	75	66.3
	Apr 2014	788	13.2	448.70	593	38	75.34	114.0	52.2	95	66.3
	May 2014	694	11.3	448.70	593	0	76.05	120.0	46.1	100	66.5
	Jun 2014	685	11.5	448.70	593	0	76.05	120.0	45.6	100	66.5
	Jul 2014	719	11.7	448.00	580	-13	75.71	120.0	47.7	100	66.3
	Aug 2014	635	10.3	447.50	571	-10	75.13	120.0	41.6	100	65.6
	Sep 2014	549	9.2	446.81	557	-13	74.55	120.0	35.7	100	64.9
	WY 2014	**6650**							**436.6**		
	Oct 2014	447	7.3	446.31	548	-9	74.77	102.0	28.8	85	64.6
	Nov 2014	372	6.3	446.50	552	3	74.62	102.0	23.8	85	64.0
	Dec 2014	269	4.4	446.50	552	0	74.71	102.0	16.9	85	62.6
	Jan 2015	348	5.7	446.50	552	0	74.71	102.0	22.2	85	63.7
	Feb 2015	458	8.3	446.50	552	0	73.92	120.0	29.4	100	64.2
	Mar 2015	704	11.5	446.70	555	4	74.01	120.0	45.7	100	64.9

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2013 24-Month Study

Most Probable Inflow*

Upper Basin Power

	Date	Glen Canyon 1000 MWHR	Flaming Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Reservoir 1000 MWHR	Fontenelle Reservoir 1000 MWHR
*	Apr 2012	276	47	16	22	14	4
H	May 2012	276	61	19	28	17	4
I	Jun 2012	324	34	26	33	19	7
S	Jul 2012	398	33	24	31	18	6
T	Aug 2012	360	31	21	28	16	6
O	Sep 2012	214	27	17	25	12	4
	Summer 2012	**1849**	**232**	**123**	**168**	**94**	**31**
R	Oct 2012	221	20	8	13	6	2
C	Dec 2012	346	27	4	6	2	4
A	Jan 2013	349	28	4	6	2	4
L	Feb 2013	259	25	4	5	1	3
*	Mar 2013	258	20	4	5	2	3
	Winter 2013	**1433**	**121**	**23**	**35**	**12**	**15**
	Apr 2013	216	18	13	16	9	4
	May 2013	236	35	15	23	13	4
	Jun 2013	314	36	19	27	15	4
	Jul 2013	331	18	25	34	17	5
	Aug 2013	308	18	24	33	16	5
	Sep 2013	230	18	18	26	13	6
	Summer 2013	**1637**	**143**	**113**	**158**	**83**	**27**
	Oct 2013	183	18	11	17	9	4
	Nov 2013	190	18	4	6	4	6
	Dec 2013	226	18	4	6	4	5
	Jan 2014	299	18	4	6	4	5
	Feb 2014	224	16	3	6	3	4
	Mar 2014	223	18	4	7	5	4
	Winter 2014	**1345**	**107**	**30**	**48**	**28**	**29**
	Apr 2014	186	18	7	14	9	5
	May 2014	227	38	32	51	23	7
	Jun 2014	234	59	10	20	16	9
	Jul 2014	318	38	28	36	20	10
	Aug 2014	318	38	31	38	20	8
	Sep 2014	238	37	27	33	17	3
	Summer 2014	**1520**	**229**	**135**	**192**	**104**	**41**
	Oct 2014	238	38	15	20	10	6
	Nov 2014	237	37	7	9	5	6
	Dec 2014	313	38	20	25	13	6
	Jan 2015	311	38	20	25	13	5
	Feb 2015	233	34	17	23	12	5
	Mar 2015	232	38	9	13	7	5
	Winter 2015	**1331**	**186**	**79**	**101**	**53**	**28**

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2013 24-Month Study

Most Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions

Date	Flaming George KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Total KAF	Flaming George KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****EFFECTIVE SPACE****										
Apr 2013	978	493	762	12671	14904	13912	28817	194	51	221	466	12671	13912	27049	1500	1105	0	31.4
May 2013	938	492	762	12806	14997	14414	29412	148	46	202	395	12806	14414	27615	1500	1016	0	31.1
Jun 2013	927	450	695	12795	14867	14817	29684	129	-8	101	221	12795	14817	27833	1500	949	0	31.1
Jul 2013	848	425	669	12793	14735	15005	29740	40	-45	26	20	12793	15005	27818	1500	923	0	30.5
								****CREDITABLE SPACE****										
Aug 2013	823	465	697	13207	15192	15120	30313	823	465	697	1985	13207	15120	30313	1500	854	0	29.8
Sep 2013	845	518	730	13698	15790	15165	30956	845	518	730	2093	13698	15165	30956	2270	703	0	29.2
Oct 2013	871	556	756	14024	16208	15265	31473	871	556	756	2184	14024	15265	31473	3040	513	0	28.8
Nov 2013	885	571	763	14161	16381	15307	31688	885	571	763	2220	14161	15307	31688	3810	617	0	28.6
Dec 2013	894	559	768	14298	16518	15442	31960	894	559	768	2220	14298	15442	31960	4580	536	0	28.5
Jan 2014	912	548	780	14528	16769	15346	32115	912	548	780	2241	14528	15346	32115	5350	704	0	28.3
								****EFFECTIVE SPACE****										
Jan 2014	912	548	780	14528	16769	15346	32115	601	443	471	1515	14528	15346	31389	5350	704	0	28.3
Feb 2014	926	539	794	14931	17190	15225	32416	611	434	485	1530	14931	15225	31686	1500	674	0	28.1
Mar 2014	930	529	797	15139	17396	15251	32647	612	425	487	1523	15139	15251	31914	1500	1023	0	27.8
Apr 2014	884	509	746	15212	17351	15627	32979	560	405	432	1397	15212	15627	32236	1500	1109	0	27.8
May 2014	807	464	652	14948	16872	16175	33047	476	355	319	1149	14948	16175	32273	1500	997	0	29.0
Jun 2014	678	377	515	13749	15320	16554	31873	334	249	146	730	13749	16554	31032	1500	932	0	30.5
Jul 2014	466	171	472	12338	13446	16907	30353	106	24	51	180	12338	16907	29425	1500	855	0	30.6
								****CREDITABLE SPACE****										
Aug 2014	378	145	478	12222	13223	16998	30221	378	145	478	1002	12222	16998	30221	1500	820	0	30.2
Sep 2014	408	171	491	12471	13542	17003	30545	408	171	491	1070	12471	17003	30545	2270	625	0	29.9
Oct 2014	467	210	494	12590	13761	17023	30785	467	210	494	1171	12590	17023	30785	3040	455	0	29.7
Nov 2014	519	217	483	12654	13874	16893	30766	519	217	483	1220	12654	16893	30766	3810	598	0	29.6
Dec 2014	573	209	481	12764	14027	16912	30938	573	209	481	1263	12764	16912	30938	4580	485	0	29.6
Jan 2015	643	248	488	13084	14464	16575	31039	643	248	488	1379	13084	16575	31039	5350	717	0	29.4
								****EFFECTIVE SPACE****										
Jan 2015	643	248	488	13084	14464	16575	31039	294	248	408	950	13084	16575	30610	5350	717	0	29.4
Feb 2015	709	289	497	13390	14886	16466	31351	358	289	417	1064	13390	16466	30920	1500	687	0	29.1
Mar 2015	761	325	496	13510	15092	16503	31595	408	325	415	1148	13510	16503	31161	1500	1036	0	28.8

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2141

Processed On: 4/11/2013 4:13:22PM

May 24-Month Study
Date: May 9, 2013

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

Reservoir	April Inflow (unregulated) (acre-feet)	Percent of Average (%)	May 8 Midnight Elevation (feet)	Reservoir Storage (acre-feet)
Fontenelle	51,000	60	6472.10	127,000
Flaming Gorge	69,000	51	6020.63	3,002,000
Blue Mesa	43,000	56	7454.99	341,000
Navajo	71,000	42	6023.41	944,000
Powell	353,000	33	3596.04	11,376,000

Expected Operations

The operation of Lake Powell and Lake Mead in this May 2013 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines), and reflects the 2013 Annual Operating Plan (AOP). Pursuant to the Interim Guidelines, the August 2012 24-Month Study projections of the January 1, 2013, system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2013.

Consistent with Section 6.B of the Interim Guidelines, the Lake Powell operational tier for water year 2013 is the Upper Elevation Balancing Tier. Since the April 2013 24-Month Study projected end of water year elevation at Lake Powell was below the 2013 Equalization Elevation of 3,646.0 feet and the projected end of water year elevation at Lake Mead was above elevation 1,075.0 feet, Section 6.B.1 and 6.B.4. of the Interim Guidelines provide for an annual release volume of 8.23 million acre-feet (maf) from Lake Powell during water year 2013.

Consistent with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar year 2013.

Consistent with Section 6.C.1 of the Interim Guidelines, if the August 24-Month study projects the January 1, 2014, Lake Powell elevation to be less than 3,575.0 feet and at or above 3,525.0 feet and the Lake Mead elevation to be at or above 1,025.0 feet, the operational tier for Lake Powell in water year 2014 would be the Mid-Elevation Release Tier and the water year release volume from Lake Powell would be 7.48 maf. This May 2013 24-Month study projects that, with an 8.23 maf annual release pattern in water year 2014, the January 1, 2014, Lake Powell elevation would be 3,577.27 feet and the Lake Mead elevation would be 1,107.47 feet. Therefore, the 2014 Lake Powell operational tier is not currently projected to be the Mid-Elevation Release Tier. Based on analysis of a range of inflow scenarios, the current probability of realizing an inflow volume that would result in the Mid-Elevation Release Tier in 2014 is approximately 45 percent.

The Interim Guidelines are available for download at http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The 2013 AOP is available for download at http://www.usbr.gov/uc/water/rsvrs/ops/aop/AOP13_final.pdf.

Fontenelle Reservoir – Inflows to Fontenelle Reservoir for the month of April were 50,600 acre-feet (AF), or 78 percent of average. The reservoir elevation is 6472.2 feet, 38 percent of live capacity and decreasing. Inflows are averaging 750 cubic feet per second (cfs) and are expected to increase over the next few weeks as spring runoff flows enter the reservoir. Reservoir releases remain at 850 cfs and will likely remain close to this level this spring, with a small possibility of a spring peak occurring sometime in July.

Inflows for the next three months are projected to be below average: with May, June and July forecasted inflow volumes at 80,000 AF (49% of average), 165,000 AF (55% of average), and 85,000 AF (48% of average), respectively. The Colorado Basin River Forecast Center has issued the official water supply forecast for the April through July unregulated inflow volume which is 380,000 af or 52 percent of the 1981-2010 thirty-year average.

The next Fontenelle Working Group meeting is scheduled for August 22, 2013, at 10:00 am at the Joint Powers and Water Board in Green River, Wyoming. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir. The spring Fontenelle Working Group meeting was held on April 25, 2013 at Seedskadee National Wildlife Refuge. Minutes from the meeting will be posted on the Working Group webpages.

Flaming Gorge Reservoir – Unregulated inflow into Flaming Gorge Reservoir during the month of April was 68,700 acre-feet (af), or 63 percent of average. The reservoir elevation is 6020.57 feet and increasing. Observed inflows are approximately 1,025 cubic feet per second (cfs).

Forecasts remain below average and Flaming Gorge Dam is in the moderately dry hydrologic classification as outlined in the Record of Decision. Flaming Gorge Dam releases are currently steady at approximately 820 cfs, and are expected to remain at this level until spring runoff begins sometime in late May or early June. Information on spring releases will be updated throughout the next few months.

The Colorado Basin River Forecast Center has issued the official May water supply forecast for the April through July unregulated inflow volume which is 480,000 af or 49 percent of the 1981-2010 thirty-year average.

Reclamation will be involved in a cooperative experimental program this year where the capture of endangered larval razorback sucker is the "trigger" to increase releases from Flaming Gorge Dam this spring. Reclamation plans to coordinate with scientists involved in real-time monitoring on the river to determine the first appearance of larval razorback sucker. Reclamation anticipates at least 2 days notification in the event larval presence is reported and Flaming Gorge Dam releases are increased.

The spring hydrologic classification is officially in the moderately dry classification. Snowpack continues to be below average in both basins and spring weather has large impacts on runoff. Additionally, timing of the Yampa River spring peak flows and emergence of larval razor fish may not occur simultaneously, as evidenced by larval presence historically occurring as the Yampa River decreases to base flows. At this time, Reclamation is recommending operating conservatively and continuing to exercise the flexibility in the Record of Decision to operate one classification lower than indicated in the Flow Recommendations while being prepared to adjust if conditions warrant. Reclamation is currently operating in the dry hydrologic classification.

The next Flaming Gorge Working Group meeting is scheduled for August 21, 2013, at 11:00 a.m. at the new Utah Department of Natural Resources building in Vernal, Utah, located at 318 North Vernal Avenue. The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stake holders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations and plans presented by Reclamation at these meetings. For more information on this group and these meetings please contact Ed Vidmar at 801-379-1182.

Aspinall Unit Reservoirs – April unregulated inflow into Blue Mesa Reservoir was 43,000 acre-feet or 56 percent of average. Precipitation during April was 120 percent of average. The current inflow rate into Blue Mesa Reservoir is about 1200 cfs while reservoir releases are averaging about 1100 cfs. The reservoir elevation is currently at 7455.00 feet, which corresponds to a storage content of about 341,000 acre-feet.

The latest Water Supply Forecast for Water Year 2013 has been issued and the April through July unregulated inflow is forecasted to be at 335,000 acre-feet (50% of average), this is 20,000 acre-feet higher than last month's forecast. The May 1st forecast officially set the senior Black Canyon Water Right. Using this forecast calls for a one

day spring peak flow of 685 cfs below the tunnel diversion. Also using this same forecast for the determining the flow recommendations from the Aspinall ROD at Whitewater gage, the peak flow at that point should be 900 cfs for one day.

At this time Reclamation plans to continue to operate the Aspinall Unit to meet both the Black Canyon water right and ROD recommendations. Based on this forecast and the combination of meeting water right and ROD this coming spring, Blue Mesa Reservoir is projected to not fill this runoff season. The projected fill is calculated to be about 7466.7 feet, or about 53 feet and 418,000 acre-feet short of top of active conservation pool, elevation 7519.4 feet.

Releases from Crystal are currently set at 1300 cfs. The Gunnison Diversion Tunnel is currently diverting about 1,000 cfs, which results in a river flow below the diversion tunnel of approximately 300 cfs. This lower flow is a result of Reclamation trying to conserve reservoir storage for what is forecasted to be a very dry year.

The last meeting of the "Aspinall Unit Working Group" was held on Thursday, April 25, 2013 starting at 1:00 PM in Reclamation's Grand Junction Office. At this meeting, review of this winter's reservoir operations, and plans for this spring and summer operations were discussed. These meetings are open forum discussions on the Aspinall Unit reservoir operations with many interested groups participating. Anyone needing further information about these meetings should contact Dan Crabtree in the Grand Junction Area Office at (970) 248-0652.

Navajo Reservoir – As a result of increased runoff in the San Juan River Basin, the Bureau of Reclamation decreased the release from Navajo Reservoir from 350 cubic feet per second (cfs) to 250 cfs on Tuesday, May 7th. Releases are made for the authorized purposes of the Navajo Unit, and to attempt to maintain a target base flow through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell).

The San Juan River Basin Recovery Implementation Program recommends a target base flow of between 500 cfs and 1,000 cfs through the critical habitat area. The target base flow is calculated as the weekly average of gaged flows throughout the critical habitat area.

As of May 9th, the San Juan River basin above Navajo snowpack is 37% of average snow water equivalent (SWE). For the Animas River Basin it is 36%. Precipitation for the month of April throughout the San Juan River basin ranged from 50% to 70% of average. The seasonal peak SWE above Navajo was reached on March 13th and was 13.9 inches (74% of average). Observed inflow into Navajo Reservoir during the month of April was 52,524 acre-feet. Modified-unregulated inflow volume was 71,104 af, which was 49% of average. Currently, the daily observed inflow is averaging 2000 cfs. NIIP is diverting 550 cfs per day (average of the past week). The reservoir water surface elevation is at 6023 feet, which corresponds to a storage content of about 939,500 acre-feet (55% full).

The most probable modified unregulated inflow forecast for April through July at Navajo is 325,000 acre-ft (44% of average). The minimum probable modified unregulated inflow forecast for April through July at Navajo is 265,000 acre-ft (36% of average). The maximum probable modified unregulated inflow forecast for April through July at Navajo is 420,000 acre-ft (56% of average). No spring peak release will be conducted in 2013.

The most recent public meeting was held April 23rd, 2013 at 1:00 PM at the Civic Center in Farmington, New Mexico (200 West Arrington Street). At this meeting, a review of forecasted hydrology, and plans for this spring and summer 2013 operations were discussed. The next public meeting is scheduled for August 27th, 2013. These meetings are open forum discussions on the operation of Navajo Reservoir with many interested groups participating. Anyone interested in the general operation of the reservoir is encouraged to attend. Please contact Ryan Christianson in Reclamation's Durango, Colorado Office at (970) 385-6590 for information about these meetings or the daily operation of Navajo Reservoir.

***Glen Canyon Dam / Lake Powell* –**

Current Status

The unregulated inflow volume to Lake Powell in April was 355 thousand acre-feet (kaf) (34% of average). The release volume from Glen Canyon Dam in March was 551 kaf. The end of April elevation and storage of Lake Powell were 3596.5 feet (103.5 feet from full pool) and 11.42 million acre-feet (maf) (47% of full capacity). The reservoir elevation is expected to remain within several feet of the current elevation throughout spring and summer as inflow from runoff roughly matches reservoir releases. In late summer, the reservoir elevation will begin to decline again.

Current Operations

The operating tier for 2013 is the Upper Elevation Balancing Tier, as establish in August 2012 and pursuant to the Interim Guidelines. Since the April projected end of water year elevation at Lake Powell was below the 2013 Equalization Elevation of 3,646.0 feet and the projected end of water year elevation at Lake Mead was above elevation 1,075.0 feet, Section 6.B.1 and 6.B.4 of the Interim Guidelines provide for an annual release volume of 8.23 maf from Lake Powell during water year 2013. Reclamation will schedule operations at Glen Canyon Dam to achieve as practicably as possible an 8.23 maf annual release volume by September 30, 2013.

Releases from Glen Canyon Dam in May are currently averaging approximately 10,000 cfs with daily fluctuations between approximately 7,500 cfs at nighttime and approximately 13,000 cfs during the daytime and consistent with the Glen Canyon Operating Criteria (Federal Register, Volume 62, No. 41, March 3, 1997). The scheduled release volume for May 2013 is 600 kaf. To accommodate airborne data collection, steady releases of approximately 8,000 cfs are planned to begin the evening of Friday May 24th and last for about one week, depending on weather and the progress of the data collection.

In June, the release volume will likely be about 800 kaf, with daily fluctuations for hydropower between approximately 9,000 cfs in the nighttime and approximately 17,000 cfs in the daytime. In July, the release volume will likely be about 848 kaf with daily fluctuations between approximately 10,000 cfs and 18,000 cfs.

In addition to daily scheduled fluctuations for power generation, the instantaneous releases from Glen Canyon Dam may also fluctuate to provide 40 MW of system regulation. These instantaneous release adjustments stabilize the electrical generation and transmission system and translate to a range of about 1,100 cfs above or below the hourly scheduled release rate. Typically, fluctuations for system regulation are very short lived and balance out over the hour and do not have noticeable impacts on downstream river flow conditions.

Releases from Glen Canyon Dam can also fluctuate beyond scheduled fluctuations for power generation when called upon as a partner that shares reserve requirements within the electrical generator community (i.e. balancing area). Reserves provide system reliability in the event of an unscheduled outage. Glen Canyon Dam typically maintains 43 MW of reserves (approximately 1,100 cfs). Reserve calls can be maintained for a maximum of 2 hours after which time the generation rate should be returned to the original schedule. If reserves from Glen Canyon Dam are called upon, releases from the dam can exceed scheduled levels and can have a noticeable impact on the river downstream from Glen Canyon Dam. Calls for reserves are fairly infrequent and typically are for much less than 43 MW.

Inflow Forecasts and Model Projections

The hydrologic forecast for Lake Powell for the April to July water supply season projects that the most probable (median) unregulated inflow volume will be 3.0 maf (42% of average based on the period 1981-2010). Due to late season snow storms over the region, the forecast increased slightly (by 0.3 maf) from last month; however, the overall water supply outlook remains significantly below average this year. The minimum probable and maximum probable forecasts are 1.75 maf (24%) and 4.25 maf (59%), respectively. Based on the current forecast, the May 24-Month study projects Lake Powell elevation will decline approximately 10 feet throughout the spring and summer and end the water year at 3587.7 feet with 10.60 maf in storage (44% capacity). The annual release volume from Lake Powell during water year 2013 is scheduled to be 8.23 maf. Reclamation will schedule operations at Glen Canyon Dam to achieve as practicably as possible an 8.23 maf annual release volume by September 30, 2013.

Consistent with Section 6.C.1 of the Interim Guidelines, if the August 2013 24-Month study projects the January 1, 2014, Lake Powell elevation to be at or above 3,575.00 feet and below the equalization level of 3648.00 feet and the Lake Mead elevation to be at or above 1,075.00 feet, the operational tier for Lake Powell in water year 2014 will be the Upper Elevation Balancing Tier and the water year release volume from Lake Powell will be 8.23 maf. This May 2013 24-Month study projects that, with an 8.23 maf annual release pattern in water year 2014, the January 1, 2014 Lake Powell elevation would be 3,577.27 feet and the Lake Mead elevation would be 1,107.47 feet. Therefore, the 2014

Lake Powell operational tier is currently projected to be the Upper Elevation Balancing Tier with an annual release volume of 8.23 maf and no projected shift in April to the Equalization Tier. However, if hydrology should become slightly drier than is currently projected and the August 24-Month Study projects the January 1, 2013 Lake Powell elevation to be less than 3,575.00 feet, the Mid-Elevation Release Tier will govern and the annual release volume from Lake Powell will be 7.48 maf. Based on analysis of a range of inflow scenarios, the current probability of realizing an inflow volume that would result in the Upper Elevation Balancing Tier and an 8.23 maf annual release is approximately 55 percent and the probability for the Mid-Elevation Release Tier and a 7.48 maf annual release is approximately 45 percent.

Upper Colorado River Basin Hydrology – Since 2005, the Upper Colorado River Basin has experienced significant year to year hydrologic variability. The unregulated inflow to Lake Powell, which is a good measure of hydrologic conditions in the Colorado River Basin, has averaged a water year volume of 10.22 maf (94% of average (period 1981-2010)) during the period from 2005 through 2012. The hydrologic variability during this period has been from a low water year unregulated inflow volume of 4.91 maf (45% of average) in water year 2012 to a high water year unregulated inflow volume of 15.97 maf (147% of average) in water year 2011. Based on observed inflows and current forecasts, water year 2013 unregulated inflow is expected to be 4.83 maf (45% of average), which would be the second below-average year in a row.

At the beginning of water year 2013, overall reservoir storage in the Colorado River Basin had increased by approximately 4 maf compared with water year 2005, which was an improvement over the persistent drought conditions of 2000 through 2004. Total reservoir storage in the Colorado River Basin had increased from 29.8 maf (50% of capacity) at the beginning of 2005 to 33.9 maf (57 % of capacity) at the beginning of 2013. However, during this period, total Colorado Basin storage experienced year to year increases and decreases in response to wet and dry hydrology. In addition, conditions in both 2012 and 2013 have been significantly drier than average and given observed inflows and current forecasts, the projected end of water year 2013 total reservoir storage is approximately 29.4 maf (49% of capacity).

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-430
125 SOUTH STATE STREET, ROOM 6107
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-3709

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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:	Obs			apr	Forecast		Outlook		
:	jan	feb	mar	apr	%Avg	may	jun	jul	apr-jul %Avg
GLDA3:Lake Powell	168	261	362	353	33%:	750/	1400/	500/	3000/: 42%
GBRW4:Fontenelle	23	23	41	51	60%:	80/	165/	85/	380/: 52%
GRNU1:Flaming Gorge	24	30	64	71	53%:	110/	205/	95/	480/: 49%
BMDC2:Blue Mesa	15.9	15.7	23	43	56%:	106/	130/	56/	335/: 50%
MPSC2:Morrow Point	16.7	16.5	24	49	56%:	115/	138/	58/	360/: 49%
CLSC2:Crystal	20	19.8	29	55	55%:	127/	150/	63/	395/: 47%
TPIC2:Taylor Park	3.0	2.8	3.5	6.2	71%:	17.8/	28/	13/	65/: 66%
VCRC2:Vallecito	3.4	3.0	4.2	14.7	63%:	40/	30/	13/	98/: 51%
NVRN5:Navajo	14.1	12.5	31	71	42%:	150/	85/	19/	325/: 44%
LEMC2:Lemon	0.28	0.39	0.64	3.5	62%:	11/	8/	2.5/	25/: 45%
MPHC2:McPhee	2.3	2.1	4.8	17.2	24%:	54/	28/	8/	107/: 36%
RBSC2:Ridgway	2.4	1.78	3.7	7.5	70%:	14/	19/	9.5/	50/: 50%

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2013 24-Month Study

Most Probable Inflow*

Fontenelle Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	May 2012	130	1	61	0	62	6489.92	227
H	Jun 2012	189	2	83	16	99	6502.11	315
I	Jul 2012	92	3	72	3	75	6503.94	329
S	Aug 2012	36	2	68	0	68	6499.56	296
T	Sep 2012	23	2	46	8	54	6495.11	263
	WY 2012	**825**	**15**	**750**	**94**	**845**		
O	Oct 2012	29	1	25	28	53	6491.56	238
R	Nov 2012	35	1	22	28	51	6489.08	221
I	Dec 2012	28	1	52	0	52	6485.19	196
C	Jan 2013	23	1	53	0	53	6479.94	166
A	Feb 2013	23	0	48	0	48	6475.03	141
L	Mar 2013	41	0	52	0	52	6472.41	129
*	Apr 2013	51	1	51	0	51	6472.25	128
	May 2013	80	1	52	0	52	6477.83	155
	Jun 2013	165	2	51	0	51	6495.76	268
	Jul 2013	85	3	52	0	52	6499.88	298
	Aug 2013	42	2	54	0	54	6497.96	284
	Sep 2013	30	2	59	0	59	6493.72	253
	WY 2013	**631**	**14**	**571**	**56**	**627**		
	Oct 2013	37	1	48	13	61	6490.06	229
	Nov 2013	37	1	59	0	59	6486.77	207
	Dec 2013	32	1	61	0	61	6481.97	178
	Jan 2014	30	1	61	0	61	6476.14	147
	Feb 2014	28	0	55	0	55	6470.11	120
	Mar 2014	53	0	64	0	64	6467.36	108
	Apr 2014	85	1	78	0	78	6468.95	115
	May 2014	164	1	97	25	123	6477.69	155
	Jun 2014	299	2	101	65	167	6498.17	285
	Jul 2014	178	3	102	19	121	6505.24	340
	Aug 2014	77	2	83	0	83	6504.13	331
	Sep 2014	46	2	36	41	77	6499.80	297
	WY 2014	**1066**	**14**	**844**	**163**	**1007**		
	Oct 2014	49	1	70	0	70	6496.72	275
	Nov 2014	42	1	68	0	68	6492.99	248
	Dec 2014	32	1	70	0	70	6487.14	209
	Jan 2015	30	1	70	0	70	6480.41	169
	Feb 2015	28	1	63	0	63	6473.14	133
	Mar 2015	53	0	72	0	72	6468.48	113
	Apr 2015	85	1	80	0	80	6469.62	118

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2145

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2013 24-Month Study

Most Probable Inflow*

Flaming Gorge Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	May 2012	153	85	8	159	19	178	125	6023.57	3108	385
H	Jun 2012	188	98	10	87	0	87	125	6023.59	3108	154
I	Jul 2012	93	76	12	84	0	84	124	6023.04	3088	99
S	Aug 2012	29	60	12	80	0	80	123	6022.19	3058	90
T	Sep 2012	19	50	10	68	0	68	122	6021.43	3030	79
	WY 2012	**990**	**1010**	**78**	**1366**	**20**	**1386**				**2278**
O	Oct 2012	24	48	7	52	0	52	122	6021.15	3020	71
R	Nov 2012	39	55	3	49	0	49	122	6021.23	3023	75
I	Dec 2012	25	50	2	70	0	70	121	6020.63	3002	110
C	Jan 2013	24	53	2	74	0	74	120	6020.03	2981	398
A	Feb 2013	30	55	2	67	0	67	119	6019.65	2967	388
L	Mar 2013	64	76	3	53	0	53	120	6020.19	2986	109
*	Apr 2013	69	69	5	50	0	50	121	6020.57	3000	150
	May 2013	110	82	7	50	0	50	122	6021.23	3023	50
	Jun 2013	205	91	10	147	0	147	119	6019.45	2960	147
	Jul 2013	95	62	12	50	0	50	119	6019.43	2960	50
	Aug 2013	45	57	12	50	0	50	119	6019.30	2955	50
	Sep 2013	30	59	10	49	0	49	119	6019.29	2954	49
	WY 2013	**760**	**757**	**75**	**761**	**0**	**761**				**1647**
	Oct 2013	41	64	7	50	0	50	119	6019.48	2961	50
	Nov 2013	43	65	3	49	0	49	120	6019.83	2974	49
	Dec 2013	35	63	2	50	0	50	120	6020.14	2985	50
	Jan 2014	40	71	2	50	0	50	121	6020.64	3002	50
	Feb 2014	45	72	2	46	0	46	122	6021.29	3025	46
	Mar 2014	102	113	3	50	0	50	124	6022.89	3083	50
	Apr 2014	134	126	5	49	0	49	127	6024.81	3153	49
	May 2014	245	204	8	104	0	104	130	6027.20	3242	104
	Jun 2014	390	257	10	155	0	155	134	6029.52	3330	155
	Jul 2014	210	153	14	104	0	104	135	6030.41	3365	104
	Aug 2014	89	95	13	104	0	104	134	6029.88	3345	104
	Sep 2014	55	87	11	100	0	100	134	6029.26	3321	100
	WY 2014	**1429**	**1370**	**79**	**911**	**0**	**911**				**911**
	Oct 2014	59	81	7	104	0	104	132	6028.50	3291	104
	Nov 2014	51	77	3	100	0	100	131	6027.82	3266	100
	Dec 2014	35	73	2	104	0	104	130	6026.99	3234	104
	Jan 2015	40	80	2	104	0	104	129	6026.35	3210	104
	Feb 2015	45	80	2	94	0	94	129	6025.95	3195	94
	Mar 2015	102	122	3	104	0	104	129	6026.34	3210	104
	Apr 2015	134	128	5	100	0	100	130	6026.94	3232	100

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2145

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2013 24-Month Study

Most Probable Inflow*

Taylor Park Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	May 2012	15	8	9316.40	81
H	Jun 2012	9	15	9312.87	75
I	Jul 2012	6	14	9307.53	66
S	Aug 2012	4	12	9302.28	58
T	Sep 2012	4	6	9300.80	56
	WY 2012	**80**	**95**		
O	Oct 2012	4	4	9301.04	57
R	Nov 2012	3	3	9301.07	57
I	Dec 2012	3	3	9301.09	57
C	Jan 2013	3	3	9301.07	57
A	Feb 2013	3	3	9301.01	57
L	Mar 2013	3	3	9301.27	57
*	Apr 2013	6	4	9302.94	59
	May 2013	18	6	9310.60	71
	Jun 2013	28	13	9319.51	86
	Jul 2013	13	15	9318.17	84
	Aug 2013	8	15	9313.71	76
	Sep 2013	5	12	9309.46	69
	WY 2013	**97**	**84**		
	Oct 2013	5	5	9309.86	70
	Nov 2013	5	5	9309.90	70
	Dec 2013	5	5	9310.01	70
	Jan 2014	4	5	9309.92	70
	Feb 2014	4	5	9309.48	69
	Mar 2014	4	5	9309.44	69
	Apr 2014	9	12	9307.35	66
	May 2014	28	16	9314.95	78
	Jun 2014	42	20	9326.77	100
	Jul 2014	20	20	9326.85	100
	Aug 2014	10	20	9321.77	90
	Sep 2014	7	20	9314.67	78
	WY 2014	**144**	**135**		
	Oct 2014	7	14	9310.21	70
	Nov 2014	5	6	9309.65	69
	Dec 2014	5	6	9308.81	68
	Jan 2015	4	6	9307.75	66
	Feb 2015	4	6	9306.30	64
	Mar 2015	4	6	9305.26	63
	Apr 2015	9	6	9307.10	65

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2145

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2013 24-Month Study

Most Probable Inflow*

Blue Mesa Reservoir

	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	May 2012	74	66	1	71	0	71	7482.82	527
H	Jun 2012	45	50	1	93	0	93	7476.82	483
I	Jul 2012	30	39	1	90	0	90	7469.29	431
S	Aug 2012	28	36	1	79	0	79	7462.48	387
T	Sep 2012	19	21	1	67	0	67	7454.82	340
	WY 2012	**427**	**442**	**7**	**793**	**0**	**793**		
O	Oct 2012	20	20	0	33	0	33	7452.55	327
R	Nov 2012	19	19	0	19	0	19	7452.39	326
I	Dec 2012	18	18	0	16	0	16	7452.65	328
C	Jan 2013	16	16	0	15	0	15	7452.77	328
A	Feb 2013	16	16	0	15	0	15	7452.95	329
L	Mar 2013	23	23	0		0	16	7454.12	336
*	Apr 2013	43	41	1	38	0	38	7454.46	338
	May 2013	106	94	1	62	0	62	7459.73	370
	Jun 2013	130	115	1	70	0	70	7466.70	414
	Jul 2013	56	58	1	95	0	95	7460.79	376
	Aug 2013	35	43	1	95	0	95	7451.86	323
	Sep 2013	28	35	1	69	0	69	7445.55	288
	WY 2013	**510**	**497**	**6**	**527**	**0**	**543**		
	Oct 2013	32	31	0	43	0	43	7443.18	276
	Nov 2013	28	28	0	14	0	14	7445.87	290
	Dec 2013	26	25	0	15	0	15	7447.79	300
	Jan 2014	24	24	0	15	0	15	7449.48	310
	Feb 2014	22	23	0	13	0	13	7451.26	320
	Mar 2014	36	36	0	16	0	16	7454.69	339
	Apr 2014	77	80	1	28	0	28	7463.25	392
	May 2014	221	209	1	118	0	118	7476.60	481
	Jun 2014	261	239	1	36	0	36	7502.68	684
	Jul 2014	117	117	1	94	0	94	7505.27	705
	Aug 2014	63	73	1	121	0	121	7499.39	656
	Sep 2014	38	51	1	89	0	89	7494.53	617
	WY 2014	**946**	**937**	**8**	**601**	**0**	**601**		
	Oct 2014	38	46	1	52	0	52	7493.66	610
	Nov 2014	31	32	0	23	0	23	7494.76	619
	Dec 2014	26	27	0	64	0	64	7490.00	581
	Jan 2015	24	26	0	67	0	67	7484.61	540
	Feb 2015	22	25	0	60	0	60	7479.80	505
	Mar 2015	36	38	0	32	0	32	7480.51	510
	Apr 2015	77	74	1	54	0	54	7483.17	529

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2145

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2013 24-Month Study

Most Probable Inflow*

Morrow Point Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	May 2012	80	71	6	76	79	0	79	7154.07	112
H	Jun 2012	45	93	1	93	93	0	93	7154.59	113
I	Jul 2012	31	90	0	90	89	0	89	7155.86	114
S	Aug 2012	28	79	0	80	80	0	80	7154.84	113
T	Sep 2012	19	67	0	68	71	0	71	7150.03	109
	WY 2012	**447**	**793**	**21**	**814**	**811**	**0**	**811**		
O	Oct 2012	22	33	1	34	40	0	40	7142.80	104
R	Nov 2012	20	19	1	20	16	0	16	7148.49	108
I	Dec 2012	18	16	1	17	18	0	18	7146.50	106
C	Jan 2013	17	15	1	16	17	0	17	7144.75	105
A	Feb 2013	17	15	1	15	16	0	16	7144.30	105
L	Mar 2013	24	16	1	17	17	0	17	7144.36	105
*	Apr 2013	49	38	6	44	42	0	42	7146.71	107
	May 2013	115	62	9	71	66	0	66	7153.73	112
	Jun 2013	138	70	8	78	78	0	78	7153.73	112
	Jul 2013	58	95	2	97	97	0	97	7153.73	112
	Aug 2013	38	95	3	98	98	0	98	7153.73	112
	Sep 2013	30	69	2	71	71	0	71	7153.73	112
	WY 2013	**545**	**543**	**35**	**578**	**575**	**0**	**575**		
	Oct 2013	34	43	2	45	45	0	45	7153.73	112
	Nov 2013	30	14	2	16	16	0	16	7153.73	112
	Dec 2013	28	15	2	17	17	0	17	7153.73	112
	Jan 2014	27	15	2	17	17	0	17	7153.73	112
	Feb 2014	25	13	3	16	16	0	16	7153.73	112
	Mar 2014	40	16	4	20	20	0	20	7153.73	112
	Apr 2014	88	28	11	39	39	0	39	7153.73	112
	May 2014	247	118	26	144	144	0	144	7153.73	112
	Jun 2014	281	36	20	56	56	0	56	7153.73	112
	Jul 2014	123	94	6	100	100	0	100	7153.73	112
	Aug 2014	67	121	3	124	124	0	124	7153.73	112
	Sep 2014	41	89	3	92	92	0	92	7153.73	112
	WY 2014	**1030**	**601**	**85**	**686**	**686**	**0**	**686**		
	Oct 2014	41	52	3	55	55	0	55	7153.73	112
	Nov 2014	33	23	2	25	25	0	25	7153.73	112
	Dec 2014	28	64	2	66	66	0	66	7153.73	112
	Jan 2015	27	67	2	69	69	0	69	7153.73	112
	Feb 2015	25	60	3	63	63	0	63	7153.73	112
	Mar 2015	40	32	4	36	36	0	36	7153.73	112
	Apr 2015	88	54	11	65	65	0	65	7153.73	112

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2145

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2013 24-Month Study

Most Probable Inflow*

Crystal Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
*	May 2012	86	79	6	84	86	0	86	6745.87	15	65	24
H	Jun 2012	49	93	3	96	97	0	97	6744.24	14	63	37
I	Jul 2012	35	89	4	93	93	0	93	6745.39	15	62	36
S	Aug 2012	32	80	3	84	84	0	84	6743.63	14	52	38
T	Sep 2012	22	71	2	74	63	11	74	6743.29	14	45	33
	WY 2012	**498**	**811**	**51**	**862**	**824**	**38**	**862**			**397**	**497**
O	Oct 2012	24	40	3	42	40	0	40	6750.72	16	20	20
R	Nov 2012	23	16	4	19	21	0	21	6746.77	15	1	19
I	Dec 2012	22	18	4	22	22	0	22	6749.11	16	1	20
C	Jan 2013	20	17	4	21	19	2	21	6747.09	15	0	20
A	Feb 2013	20	16	3	19	10	9	19	6745.57	15	0	19
L	Mar 2013	29	17	5	21	22	0	22	6744.50	15	0	22
*	Apr 2013	55	42	7	49	51	0	51	6738.38	13	33	20
	May 2013	127	66	12	78	73	0	73	6753.04	17	55	18
	Jun 2013	150	78	12	90	90	0	90	6753.04	17	60	30
	Jul 2013	63	97	5	102	102	0	102	6753.04	17	65	37
	Aug 2013	41	98	3	101	101	0	101	6753.04	17	65	36
	Sep 2013	33	71	3	74	74	0	74	6753.04	17	55	19
	WY 2013	**608**	**575**	**63**	**638**	**623**	**12**	**635**			**355**	**282**
	Oct 2013	38	45	4	49	49	0	49	6753.04	17	30	19
	Nov 2013	34	16	4	20	20	0	20	6753.04	17	0	20
	Dec 2013	32	17	5	22	22	0	22	6753.04	17	0	22
	Jan 2014	31	17	5	22	22	0	22	6753.04	17	0	22
	Feb 2014	29	16	4	19	19	0	19	6753.04	17	0	19
	Mar 2014	46	20	6	26	26	0	26	6753.04	17	5	21
	Apr 2014	101	39	12	51	51	0	51	6753.04	17	30	21
	May 2014	281	144	34	178	134	44	178	6753.04	17	55	123
	Jun 2014	315	56	34	90	90	0	90	6753.04	17	60	30
	Jul 2014	138	100	14	114	114	0	114	6753.04	17	65	49
	Aug 2014	75	124	8	133	133	0	133	6753.04	17	65	68
	Sep 2014	47	92	6	98	98	0	98	6753.04	17	55	43
	WY 2014	**1167**	**686**	**137**	**822**	**778**	**44**	**822**			**365**	**457**
	Oct 2014	47	55	6	61	61	0	61	6753.04	17	30	31
	Nov 2014	38	25	5	30	30	0	30	6753.04	17	0	30
	Dec 2014	32	66	5	71	71	0	71	6753.04	17	0	71
	Jan 2015	31	69	5	74	74	0	74	6753.04	17	0	74
	Feb 2015	29	63	4	66	66	0	66	6753.04	17	0	66
	Mar 2015	46	36	6	42	42	0	42	6753.04	17	5	37
	Apr 2015	101	65	12	78	78	0	78	6753.04	17	30	48

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2013 24-Month Study

Most Probable Inflow*

Vallecito Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	May 2012	42	35	7664.36	124
H	Jun 2012	17	36	7656.80	104
I	Jul 2012	11	35	7647.02	80
S	Aug 2012	7	33	7634.93	54
T	Sep 2012	4	22	7624.48	36
	WY 2012	**168**	**188**		
O	Oct 2012	3	3	7624.51	36
R	Nov 2012	3	1	7625.69	37
I	Dec 2012	3	0	7627.33	40
C	Jan 2013	3	0	7629.10	43
A	Feb 2013	3	0	7630.60	46
L	Mar 2013	4	0	7632.64	50
*	Apr 2013	15	1	7639.26	63
	May 2013	40	23	7646.85	80
	Jun 2013	30	39	7642.87	70
	Jul 2013	13	35	7631.58	48
	Aug 2013	12	30	7620.06	29
	Sep 2013	11	16	7616.35	24
	WY 2013	**141**	**149**		
	Oct 2013	12	6	7620.69	30
	Nov 2013	8	0	7625.63	37
	Dec 2013	6	0	7629.20	43
	Jan 2014	5	0	7632.01	48
	Feb 2014	5	0	7634.33	53
	Mar 2014	9	0	7638.39	61
	Apr 2014	23	2	7648.00	82
	May 2014	71	36	7661.80	117
	Jun 2014	70	70	7661.76	117
	Jul 2014	29	42	7656.72	104
	Aug 2014	20	38	7649.23	85
	Sep 2014	17	30	7643.84	73
	WY 2014	**276**	**225**		
	Oct 2014	16	20	7641.77	68
	Nov 2014	9	8	7641.95	68
	Dec 2014	6	6	7641.95	68
	Jan 2015	5	5	7641.91	68
	Feb 2015	5	5	7641.95	68
	Mar 2015	9	3	7644.36	74
	Apr 2015	23	3	7652.84	94

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2013 24-Month Study

Most Probable Inflow*

Navajo Reservoir

	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azetea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Farmington Flow (1000 Ac-Ft)
*	May 2012	131	17	105	4	34	110	6056.40	1303	177
H	Jun 2012	20	4	35	4	46	42	6051.70	1246	57
I	Jul 2012	10	1	33	4	44	52	6045.91	1178	60
S	Aug 2012	0	0	26	3	45	55	6038.86	1101	47
T	Sep 2012	-2	0	17	2	22	58	6032.62	1035	56
	WY 2012	**523**	**53**	**490**	**26**	**236**	**521**			**814**
O	Oct 2012	3	0	3	1	11	40	6027.78	986	43
R	Nov 2012	9	0	7	1	0	23	6026.11	970	32
I	Dec 2012	12	0	9	0	0	22	6024.73	957	30
C	Jan 2013	14	0	11	0	0	20	6023.77	947	
A	Feb 2013	13	0	10	1	0	19	6022.74	938	36
L	Mar 2013	31	1	26	1	6	22	6022.39	934	33
*	Apr 2013	71	7	53	2	21	36	6021.77	928	40
	May 2013	150	26	107	3	28	17	6027.98	988	17
	Jun 2013	85	17	77	3	40	15	6029.81	1007	15
	Jul 2013	19	2	40	3	44	33	6025.69	966	33
	Aug 2013	32	0	50	3	38	44	6022.12	932	44
	Sep 2013	31	0	36	2	21	36	6019.53	907	36
	WY 2013	**470**	**53**	**428**	**21**	**209**	**326**			**357**
	Oct 2013	38	0	32	1	5	29	6019.16	904	29
	Nov 2013	30	0	23	1	0	24	6018.95	902	24
	Dec 2013	25	0	19	0	0	28	6017.92	893	28
	Jan 2014	22	0	17	0	0	28	6016.64	881	28
	Feb 2014	30	0	26	1	0	27	6016.46	879	27
	Mar 2014	92	1	83	1	2	27	6022.23	933	27
	Apr 2014	170	10	139	2	18	21	6032.24	1031	21
	May 2014	277	26	216	3	33	40	6045.39	1172	40
	Jun 2014	224	17	206	4	48	86	6051.27	1240	86
	Jul 2014	66	2	77	4	53	31	6050.27	1229	31
	Aug 2014	45	0	63	3	46	48	6047.37	1195	48
	Sep 2014	43	0	55	2	26	41	6046.18	1181	41
	WY 2014	**1063**	**55**	**957**	**23**	**231**	**429**			**429**
	Oct 2014	47	0	51	2	7	31	6047.25	1194	31
	Nov 2014	34	0	33	1	0	30	6047.45	1196	30
	Dec 2014	25	0	25	1	0	31	6046.90	1190	31
	Jan 2015	22	0	22	1	0	31	6046.08	1180	31
	Feb 2015	30	0	30	1	0	28	6046.22	1182	28
	Mar 2015	92	1	86	1	2	31	6050.68	1234	31
	Apr 2015	170	10	140	2	18	30	6058.09	1324	30

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2013 24-Month Study

Most Probable Inflow*

Lake Powell

	Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry Gage (1000 Ac-Ft)
*	May 2012	792	770	35	601	0	601	3636.83	5304	15632	606
H	Jun 2012	353	398	54	709	0	709	3633.90	5277	15294	712
I	Jul 2012	154	285	62	886	0	886	3628.45	5228	14680	892
S	Aug 2012	101	289	60	800	0	800	3623.62	5186	14151	810
T	Sep 2012	104	296	54	481	0	481	3621.56	5168	13929	478
	WY 2012	**4908**	**5964**	**455**	**9466**	**0**	**9466**				**9527**
O	Oct 2012	190	294	37	498	0	498	3619.46	5150	13706	495
R	Nov 2012	246	273	35	652	78	730	3615.10	5114	13251	736
I	Dec 2012	201	247	27	801	0	801	3609.82	5071	12713	800
C	Jan 2013	168	230	8	801	0	801	3604.42	5028	12177	801
A	Feb 2013	262	300	9	600	0	600	3601.47	5005	11891	595
L	Mar 2013	362	357	14	601	0	601	3598.96	4986	11651	594
*	Apr 2013	355	326	22	551	0	551	3596.53	4967	11422	547
	May 2013	750	557	26	600	0	600	3595.84	4962	11358	611
	Jun 2013	1400	1268	41	800	0	800	3600.03	4994	11753	811
	Jul 2013	500	554	50	848	0	848	3596.67	4968	11435	867
	Aug 2013	200	315	48	800	0	800	3591.33	4929	10941	821
	Sep 2013	200	287	43	600	0	600	3587.67	4903	10611	614
	WY 2013	**4835**	**5007**	**361**	**8152**	**78**	**8230**				**8293**
	Oct 2013	338	355	29	600	0	600	3584.81	4882	10357	611
	Nov 2013	393	377	28	600	0	600	3582.16	4864	10125	609
	Dec 2013	363	370	22	800	0	800	3577.27	4830	9708	812
	Jan 2014	361	368	6	800	0	800	3572.39	4798	9302	813
	Feb 2014	393	381	7	600	0	600	3569.82	4781	9093	610
	Mar 2014	665	531	11	600	0	600	3568.90	4775	9018	611
	Apr 2014	1056	799	18	600	0	600	3570.97	4789	9186	612
	May 2014	2343	1919	23	600	0	600	3585.14	4885	10386	611
	Jun 2014	2666	2134	40	650	0	650	3599.72	4992	11723	661
	Jul 2014	1091	981	50	850	0	850	3600.51	4998	11798	869
	Aug 2014	500	621	50	900	0	900	3597.30	4973	11494	921
	Sep 2014	408	528	45	630	0	630	3595.84	4962	11357	644
	WY 2014	**10576**	**9365**	**329**	**8230**	**0**	**8230**				**8384**
	Oct 2014	512	561	31	600	0	600	3595.14	4957	11292	611
	Nov 2014	473	510	30	600	0	600	3593.94	4948	11181	609
	Dec 2014	363	476	24	800	0	800	3590.42	4922	10859	812
	Jan 2015	361	476	7	800	0	800	3587.01	4898	10552	813
	Feb 2015	393	477	8	600	0	600	3585.65	4888	10431	610
	Mar 2015	665	604	13	600	0	600	3585.56	4888	10423	611
	Apr 2015	1056	886	21	600	0	600	3588.32	4907	10669	612

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2013 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Glen Release (1000 Ac-Ft)	Side Inflow Glen to Hoover (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	May 2012	601	16	52	1008	16.4	30	1007	880	1119.38	13541
H	Jun 2012	709	7	62	989	16.6	28	989	858	1115.84	13200
I	Jul 2012	886	69	77	841	13.7	29	819	858	1115.92	13207
S	Aug 2012	800	169	82	798	13.0	24	793	862	1116.56	13269
T	Sep 2012	481	97	67	635	10.7	18	634	854	1115.16	13135
	WY 2012	**9466**	**730**	**638**	**9421**		**227**	**9356**			
O	Oct 2012	498	53	49	346	5.6	20	331	862	1116.50	13263
R	Nov 2012	730	60	49	650	10.9	14	649	867	1117.24	13334
I	Dec 2012	801	50	43	476	7.7	11	432	886	1120.36	13636
C	Jan 2013	801	56	35	609	9.9	9	591	899	1122.32	13828
A	Feb 2013	600	68	32	646	11.6	8	644	898	1122.14	13810
L	Mar 2013	601	69	36	987	16.1	15	986	875	1118.59	13465
*	Apr 2013	551	38	44	1103	18.5	20	1102	840	1112.91	12921
	May 2013	600	64	50	983	16.0	25	983	816	1108.96	12551
	Jun 2013	800	33	59	962	16.2	24	962	803	1106.81	12351
	Jul 2013	848	55	73	887	14.4	30	887	797	1105.91	12269
	Aug 2013	800	109	78	844	13.7	25	844	795	1105.53	12234
	Sep 2013	600	81	64	724	12.2	20	724	788	1104.23	12116
	WY 2013	**8230**	**735**	**612**	**9217**		**221**	**9133**			
	Oct 2013	600	54	46	515	8.4	18	515	792	1104.99	12185
	Nov 2013	600	44	46	625	10.5	25	625	789	1104.45	12136
	Dec 2013	800	99	40	544	8.9	20	544	807	1107.47	12413
	Jan 2014	800	81	33	704	11.5	16	704	815	1108.77	12533
	Feb 2014	600	94	31	674	12.1	18	674	813	1108.48	12506
	Mar 2014	600	77	34	1023	16.6	21	1023	788	1104.37	12129
	Apr 2014	600	80	41	1109	18.6	14	1109	759	1099.32	11674
	May 2014	600	64	47	997	16.2	24	997	734	1095.02	11295
	Jun 2014	650	33	56	932	15.7	22	932	714	1091.50	10987
	Jul 2014	850	55	69	856	13.9	28	856	711	1090.97	10941
	Aug 2014	900	109	74	820	13.3	23	820	717	1091.97	11027
	Sep 2014	630	81	61	625	10.5	19	625	717	1092.04	11034
	WY 2014	**8230**	**870**	**578**	**9426**		**248**	**9426**			
	Oct 2014	600	54	44	455	7.4	17	455	726	1093.52	11163
	Nov 2014	600	44	44	598	10.0	23	598	724	1093.29	11143
	Dec 2014	800	99	39	485	7.9	18	485	746	1097.10	11478
	Jan 2015	800	81	32	717	11.7	16	717	753	1098.33	11587
	Feb 2015	600	94	29	687	12.4	18	687	751	1097.90	11548
	Mar 2015	600	77	33	1036	16.8	22	1036	725	1093.49	11161
	Apr 2015	600	80	40	1122	18.9	14	1122	695	1088.11	10695

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2013 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	May 2012	1008	-14	22	980	0	980	15.9	643.06	1700
H	Jun 2012	989	-19	25	952	0	952	16.0	642.80	1693
I	Jul 2012	841	-9	25	805	0	805	13.1	642.89	1696
S	Aug 2012	798	-11	23	744	0	744	12.1	643.63	1716
T	Sep 2012	635	-5	18	723	0	723	12.1	639.55	1605
	WY 2012	**9421**	**-177**	**197**	**9051**	**0**	**9051**			
O	Oct 2012	346	-3	14	556	0	556	9.0	630.75	1377
R	Nov 2012	650	-11	10	499	0	499	8.4	635.82	1507
I	Dec 2012	476	-6	9	395	0	395	6.4	638.30	1572
C	Jan 2013	609	-11	10	510	0	510	8.3	641.20	1650
A	Feb 2013	646	-12	10	609	0	609	11.0	641.78	1665
L	Mar 2013	987	-11	13	956	0	956	15.5	642.06	1673
*	Apr 2013	1103	-20	17	1017	0	1017	17.1	643.87	1723
	May 2013	983	-14	22	970	0	970	15.8	643.00	1699
	Jun 2013	962	-12	25	924	0	924	15.5	643.00	1699
	Jul 2013	887	-5	25	898	0	898	14.6	641.50	1658
	Aug 2013	844	-8	23	813	0	813	13.2	641.50	1658
	Sep 2013	724	-1	18	798	0	798	13.4	638.00	1564
	WY 2013	**9217**	**-115**	**197**	**8945**	**0**	**8945**			
	Oct 2013	515	0	15	630	0	630	10.3	633.00	1434
	Nov 2013	625	-16	10	547	0	547	9.2	635.00	1486
	Dec 2013	544	-17	9	421	0	421	6.8	638.71	1583
	Jan 2014	704	-16	10	596	0	596	9.7	641.80	1666
	Feb 2014	674	-8	10	656	0	656	11.8	641.80	1666
	Mar 2014	1023	-16	13	960	0	960	15.6	643.05	1700
	Apr 2014	1109	-15	17	1079	0	1079	18.1	643.00	1699
	May 2014	997	-14	22	961	0	961	15.6	643.00	1699
	Jun 2014	932	-12	25	922	0	922	15.5	642.00	1671
	Jul 2014	856	-5	25	839	0	839	13.6	641.50	1658
	Aug 2014	820	-8	23	790	0	790	12.8	641.50	1658
	Sep 2014	625	-1	18	699	0	699	11.8	638.00	1564
	WY 2014	**9426**	**-129**	**197**	**9100**	**0**	**9100**			
	Oct 2014	455	0	15	570	0	570	9.3	633.00	1434
	Nov 2014	598	-16	10	520	0	520	8.7	635.00	1486
	Dec 2014	485	-17	9	361	0	361	5.9	638.71	1583
	Jan 2015	717	-16	10	609	0	609	9.9	641.80	1666
	Feb 2015	687	-8	10	669	0	669	12.0	641.80	1666
	Mar 2015	1036	-16	13	973	0	973	15.8	643.05	1700
	Apr 2015	1122	-15	17	1093	0	1093	18.4	643.00	1699

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2013 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	May 2012	980	26	13	709	11.5	100	179	448.81	596	99	1.6
H	Jun 2012	952	10	15	719	12.1	97	130	448.23	584	103	1.7
I	Jul 2012	805	46	17	675	11.0	101	34	448.91	598	124	2.0
S	Aug 2012	744	26	17	568	9.2	100	85	448.38	587	97	1.6
T	Sep 2012	723	31	15	548	9.2	74	137	446.98	561	90	1.5
	WY 2012	**9051**	**290**	**140**	**6652**		**723**	**1763**			**1435**	
O	Oct 2012	556	34	12	482	7.8	14	32	449.31	606	70	1.1
R	Nov 2012	499	27	9	348	5.9	14	174	448.06	581	88	1.5
I	Dec 2012	395	21	7	289	4.7	15	132	446.41	550	132	2.2
C	Jan 2013	510	17	6	352	5.7	57	80	448.01	580	143	2.3
A	Feb 2013	609	4	8	444	8.0	7	147	448.13	583	158	2.8
L	Mar 2013	956	7	9	680	11.1	98	180	447.58	572	191	3.1
*	Apr 2013	1017	14	11	765	12.9	85	148	448.35	587	185	3.1
	May 2013	970	20	13	680	11.1	99	184	448.50	589	97	1.6
	Jun 2013	924	15	15	682	11.5	96	132	448.50	589	98	1.6
	Jul 2013	898	25	17	724	11.8	99	79	448.00	580	111	1.8
	Aug 2013	813	24	17	639	10.4	99	79	447.50	571	105	1.7
	Sep 2013	798	23	15	560	9.4	96	154	446.81	557	102	1.7
	WY 2013	**8945**	**232**	**140**	**6644**		**779**	**1521**			**1478**	
	Oct 2013	630	26	12	453	7.4	47	146	446.31	548	65	1.1
	Nov 2013	547	32	8	378	6.4	50	133	446.50	552	99	1.7
	Dec 2013	421	26	6	276	4.5	52	107	446.50	552	105	1.7
	Jan 2014	596	16	6	336	5.5	89	176	446.50	552	125	2.0
	Feb 2014	656	10	8	446	8.0	79	127	446.50	552	156	2.8
	Mar 2014	960	17	9	691	11.2	89	175	446.70	555	201	3.3
	Apr 2014	1079	21	11	788	13.2	86	169	448.70	593	212	3.6
	May 2014	961	20	13	694	11.3	89	173	448.70	593	111	1.8
	Jun 2014	922	15	16	685	11.5	86	137	448.70	593	109	1.8
	Jul 2014	839	25	17	720	11.7	89	38	448.00	580	111	1.8
	Aug 2014	790	24	17	635	10.3	89	70	447.50	571	105	1.7
	Sep 2014	699	23	15	550	9.2	60	101	446.81	557	102	1.7
	WY 2014	**9100**	**256**	**139**	**6651**		**905**	**1554**			**1500**	
	Oct 2014	570	26	12	447	7.3	15	124	446.31	548	65	1.1
	Nov 2014	520	32	8	372	6.3	15	147	446.50	552	99	1.7
	Dec 2014	361	26	6	269	4.4	15	92	446.50	552	105	1.7
	Jan 2015	609	16	6	348	5.7	89	176	446.50	552	125	2.0
	Feb 2015	669	10	8	458	8.3	79	127	446.50	552	156	2.8
	Mar 2015	973	17	9	704	11.5	89	175	446.70	555	201	3.3
	Apr 2015	1093	21	11	801	13.5	86	169	448.70	593	212	3.6

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2013 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	May 2012	1008	16.4	1119.38	13541	-445	471.90	1050.0	429.0	56	425.4
H	Jun 2012	989	16.6	1115.84	13200	-341	470.21	1829.0	414.2	100	418.8
I	Jul 2012	841	13.7	1115.92	13207	8	471.23	1374.0	349.7	76	415.6
S	Aug 2012	798	13.0	1116.56	13269	61	471.53	1809.0	331.4	100	415.2
T	Sep 2012	635	10.7	1115.16	13135	-134	473.98	1809.0	261.9	100	412.2
	WY 2012	**9421**							**3985.6**		
O	Oct 2012	346	5.6	1116.50	13263	128	476.50	1051.0	141.3	58	409.0
R	Nov 2012	650	10.9	1117.24	13334	71	473.22	1051.0	276.3	58	424.7
I	Dec 2012	476	7.7	1120.36	13636	302	475.06	1520.0	198.5	84	417.3
C	Jan 2013	609	9.9	1122.32	13828	192	474.10	1062.0	259.8	59	426.6
A	Feb 2013	646	11.6	1122.14	13810	-18	475.07	1072.0	276.4	59	427.6
L	Mar 2013	987	16.1	1118.59	13465	-346	472.93	1073.0	425.6	59	431.1
*	Apr 2013	1103	18.5	1112.91	12921	-544	463.52	1042.0	467.6	57	423.9
	May 2013	983	16.0	1108.96	12551	-370	459.69	1353.0	413.6	75	420.8
	Jun 2013	962	16.2	1106.81	12351	-199	454.18	1746.0	387.6	100	403.0
	Jul 2013	887	14.4	1105.91	12269	-82	453.16	1739.0	365.9	100	412.4
	Aug 2013	844	13.7	1105.53	12234	-35	453.01	1736.0	345.9	100	409.9
	Sep 2013	724	12.2	1104.23	12116	-118	453.32	1730.0	292.4	100	404.1
	WY 2013	**9217**							**3850.9**		
	Oct 2013	515	8.4	1104.99	12185	69	457.09	1423.0	210.1	82	407.6
	Nov 2013	625	10.5	1104.45	12136	-49	459.13	1372.0	252.0	80	403.3
	Dec 2013	544	8.9	1107.47	12413	276	458.62	1356.0	217.5	79	399.5
	Jan 2014	704	11.5	1108.77	12533	120	462.24	780.0	299.6	45	425.4
	Feb 2014	674	12.1	1108.48	12506	-27	457.05	1517.0	275.6	88	408.8
	Mar 2014	1023	16.6	1104.37	12129	-377	454.89	1428.0	419.2	84	409.8
	Apr 2014	1013	17.0	1099.32	11674	-455	454.06	701.0	447.6	42	442.0
	May 2014	997	16.2	1095.02	11295	-380	447.04	1116.0	406.9	68	408.0
	Jun 2014	932	15.7	1091.50	10987	-308	439.99	1623.0	370.2	100	397.0
	Jul 2014	856	13.9	1090.97	10941	-46	438.48	1617.0	340.9	100	398.4
	Aug 2014	820	13.3	1091.97	11027	86	438.87	1617.0	325.6	100	396.9
	Sep 2014	625	10.5	1092.04	11034	6	440.54	1615.0	241.4	100	386.1
	WY 2014	**9329**							**3806.4**		
	Oct 2014	455	7.4	1093.52	11163	129	445.33	1353.7	178.6	82	392.8
	Nov 2014	598	10.0	1093.29	11143	-20	447.87	1310.2	238.5	80	398.9
	Dec 2014	485	7.9	1097.10	11478	335	447.91	1307.3	193.3	79	398.4
	Jan 2015	717	11.7	1098.33	11587	109	450.37	980.4	293.3	59	408.9
	Feb 2015	687	12.4	1097.90	11548	-38	446.61	1461.4	275.8	88	401.5
	Mar 2015	1036	16.8	1093.49	11161	-388	444.23	1374.2	415.9	84	401.6
	Apr 2015	1122	18.9	1088.11	10695	-466	441.86	918.6	471.1	57	419.7

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2013 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	May 2012	980	15.9	643.06	1700	-8	141.39	252.5	128.9	99	131.5
H	Jun 2012	952	16.0	642.80	1693	-7	140.12	255.0	122.6	100	128.8
I	Jul 2012	805	13.1	642.89	1696	2	143.36	255.0	100.7	100	125.1
S	Aug 2012	744	12.1	643.63	1716	20	142.43	252.5	92.5	99	124.3
T	Sep 2012	723	12.1	639.55	1605	-111	137.86	255.0	96.5	100	133.5
	WY 2012	**9051**							**1153.5**		
O	Oct 2012	556	9.0	630.75	1377	-228	130.98	206.6	68.5	81	123.3
R	Nov 2012	499	8.4	635.82	1507	130	136.16	168.3	67.9	66	136.0
I	Dec 2012	395	6.4	638.30	1572	65	134.78	183.6	44.1	72	111.7
C	Jan 2013	510	8.3	641.20	1650	78	139.33	163.2	63.2	64	123.8
A	Feb 2013	609	11.0	641.78	1665	16	138.67	153.0	76.8	60	126.1
L	Mar 2013	956	15.5	642.06	1673	8	140.26	191.3	120.2	75	125.8
*	Apr 2013	1017	17.1	643.87	1723	49	142.09	252.5	128.5	99	126.3
	May 2013	970	15.8	643.00	1699	-24	136.73	244.8	121.7	96	125.4
	Jun 2013	924	15.5	643.00	1699	0	136.24	247.4	115.6	97	125.1
	Jul 2013	898	14.6	641.50	1658	-41	135.39	249.9	112.0	98	124.7
	Aug 2013	813	13.2	641.50	1658	0	134.46	255.0	101.2	100	124.5
	Sep 2013	798	13.4	638.00	1564	-94	132.62	255.0	98.0	100	122.9
	WY 2013	**8945**							**1117.8**		
	Oct 2013	630	10.3	633.00	1434	-130	129.33	214.2	75.7	84	120.1
	Nov 2013	547	9.2	635.00	1486	51	127.83	211.7	65.2	83	119.2
	Dec 2013	421	6.8	638.71	1583	97	130.91	209.1	51.6	82	122.7
	Jan 2014	596	9.7	641.80	1666	83	134.46	209.1	74.3	82	124.6
	Feb 2014	656	11.8	641.80	1666	0	136.08	209.1	82.2	82	125.3
	Mar 2014	960	15.6	643.05	1700	34	135.44	255.0	119.6	100	124.6
	Apr 2014	1079	18.1	643.00	1699	-2	136.07	255.0	134.2	100	124.4
	May 2014	961	15.6	643.00	1699	0	136.04	255.0	120.2	100	125.1
	Jun 2014	922	15.5	642.00	1671	-27	135.51	255.0	114.9	100	124.7
	Jul 2014	839	13.6	641.50	1658	-14	134.73	255.0	104.5	100	124.6
	Aug 2014	790	12.8	641.50	1658	0	134.46	255.0	98.4	100	124.6
	Sep 2014	699	11.8	638.00	1564	-94	132.62	255.0	86.3	100	123.4
	WY 2014	**9100**							**1127.1**		
	Oct 2014	570	9.3	633.00	1434	-130	129.33	214.2	68.6	84	120.5
	Nov 2014	520	8.7	635.00	1486	51	127.83	211.7	62.1	83	119.4
	Dec 2014	361	5.9	638.71	1583	97	130.91	209.1	44.5	82	123.1
	Jan 2015	609	9.9	641.80	1666	83	134.46	209.1	75.8	82	124.5
	Feb 2015	669	12.0	641.80	1666	0	136.08	209.1	83.7	82	125.2
	Mar 2015	973	15.8	643.05	1700	34	135.44	255.0	121.1	100	124.5
	Apr 2015	1093	18.4	643.00	1699	-2	136.07	255.0	135.8	100	124.3

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2013 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	May 2012	709	11.5	448.81	596	-6	81.37	111.6	49.6	93	69.9
H	Jun 2012	719	12.1	448.23	584	-11	79.00	120.0	49.7	100	69.1
I	Jul 2012	675	11.0	448.91	598	13	82.94	120.0	46.8	100	69.4
S	Aug 2012	568	9.2	448.38	587	-10	80.54	120.0	39.3	100	69.2
T	Sep 2012	548	9.2	446.98	561	-26	81.05	120.0	37.8	100	69.0
	WY 2012	**6652**							**458.2**		
O	Oct 2012	482	7.8	449.31	606	44	83.52	96.0	33.3	80	69.0
R	Nov 2012	348	5.9	448.06	581	-24	82.22	92.4	24.1	77	69.2
I	Dec 2012	289	4.7	446.41	550	-31	80.98	103.2	19.5	86	67.5
C	Jan 2013	352	5.7	448.01	580	30	83.56	102.0	24.4	85	69.4
A	Feb 2013	444	8.0	448.13	583	2	80.52	115.2	31.2	96	70.1
L	Mar 2013	680	11.1	447.58	572	-10	81.73	120.0	46.8	100	68.9
*	Apr 2013	765	12.9	448.35	587	15	82.42	97.2	51.1	81	66.8
	May 2013	680	11.1	448.50	589	3	76.15	111.6	45.3	93	66.6
	Jun 2013	682	11.5	448.50	589	0	75.86	120.0	45.2	100	66.3
	Jul 2013	724	11.8	448.00	580	-9	75.61	120.0	47.9	100	66.2
	Aug 2013	639	10.4	447.50	571	-10	75.13	120.0	41.9	100	65.6
	Sep 2013	560	9.4	446.81	557	-13	74.55	120.0	36.3	100	64.9
	WY 2013	**6644**							**447.0**		
	Oct 2013	453	7.4	446.31	548	-9	75.37	90.0	29.5	75	65.2
	Nov 2013	378	6.4	446.50	552	3	75.10	92.4	24.4	77	64.5
	Dec 2013	276	4.5	446.50	552	0	75.32	90.0	17.5	75	63.2
	Jan 2014	336	5.5	446.50	552	0	75.19	92.4	21.5	77	64.0
	Feb 2014	446	8.0	446.50	552	0	75.13	93.6	29.1	78	65.2
	Mar 2014	691	11.2	446.70	555	4	75.42	90.0	45.8	75	66.3
	Apr 2014	788	13.2	448.70	593	38	75.34	114.0	52.2	95	66.3
	May 2014	694	11.3	448.70	593	0	76.05	120.0	46.1	100	66.5
	Jun 2014	685	11.5	448.70	593	0	76.05	120.0	45.6	100	66.5
	Jul 2014	720	11.7	448.00	580	-13	75.71	120.0	47.7	100	66.3
	Aug 2014	635	10.3	447.50	571	-9	75.13	120.0	41.6	100	65.6
	Sep 2014	550	9.2	446.81	557	-13	74.55	120.0	35.7	100	64.9
	WY 2014	**6651**							**436.7**		
	Oct 2014	447	7.3	446.31	548	-9	74.77	102.0	28.9	85	64.6
	Nov 2014	372	6.3	446.50	552	3	74.62	102.0	23.8	85	64.0
	Dec 2014	269	4.4	446.50	552	0	74.71	102.0	16.9	85	62.6
	Jan 2015	348	5.7	446.50	552	0	74.71	102.0	22.2	85	63.7
	Feb 2015	458	8.3	446.50	552	0	73.92	120.0	29.4	100	64.2
	Mar 2015	704	11.5	446.70	555	4	74.01	120.0	45.7	100	64.9
	Apr 2015	801	13.5	448.70	593	38	75.08	120.0	52.9	100	66.0

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2145

Processed On: 5/9/2013 12:32:23PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2013 24-Month Study

Most Probable Inflow*

Upper Basin Power

	Date	Glen Canyon 1000 MWHR	Flaming Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Reservoir 1000 MWHR	Fontenelle Reservoir 1000 MWHR
*	May 2012	276	61	19	28	17	4
H	Jun 2012	324	34	26	33	19	7
I	Jul 2012	398	33	24	31	18	6
S	Aug 2012	360	31	21	28	16	6
T	Sep 2012	214	27	17	25	12	4
	Summer 2012	**1849**	**232**	**123**	**168**	**94**	**31**
O	Oct 2012	221	20	8	13	6	2
I	Dec 2012	346	27	4	6	2	4
C	Jan 2013	349	28	4	6	2	4
A	Feb 2013	259	25	4	5	1	3
L	Mar 2013	258	20	4	5	2	3
	Winter 2013	**1433**	**121**	**23**	**35**	**12**	**15**
*	Apr 2013	235	19	10	14	8	3
	May 2013	235	18	17	23	12	4
	Jun 2013	314	53	19	28	15	4
	Jul 2013	333	18	26	35	18	5
	Aug 2013	311	18	25	35	17	5
	Sep 2013	232	18	18	26	13	5
	Summer 2013	**1661**	**144**	**114**	**161**	**84**	**26**
	Oct 2013	231	18	11	16	8	4
	Nov 2013	229	18	4	6	3	5
	Dec 2013	302	18	4	6	4	5
	Jan 2014	298	18	4	6	4	4
	Feb 2014	223	16	3	6	3	4
	Mar 2014	222	18	4	7	5	4
	Winter 2014	**1505**	**107**	**30**	**47**	**27**	**26**
	Apr 2014	222	18	7	14	9	5
	May 2014	226	38	33	52	23	7
	Jun 2014	252	57	11	20	16	8
	Jul 2014	336	38	29	36	20	10
	Aug 2014	355	38	37	45	23	8
	Sep 2014	248	37	27	33	17	3
	Summer 2014	**1638**	**225**	**143**	**200**	**107**	**41**
	Oct 2014	236	38	15	20	10	6
	Nov 2014	235	37	7	9	5	6
	Dec 2014	311	38	19	24	12	6
	Jan 2015	308	38	20	25	13	5
	Feb 2015	230	34	17	23	12	5
	Mar 2015	230	38	9	13	7	5
	Winter 2015	**1319**	**185**	**78**	**100**	**52**	**28**
	Apr 2015	230	37	16	23	13	5

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2145

Processed On: 5/9/2013 12:32:23PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2013 24-Month Study

Most Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions

Date	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Total KAF	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****EFFECTIVE SPACE****										
May 2013	965	492	768	12900	15124	14456	29581	163	66	159	387	12900	14456	27743	1500	983	0	30.9
Jun 2013	915	460	708	12964	15047	14826	29873	103	21	69	193	12964	14826	27984	1500	962	0	31.3
Jul 2013	866	416	689	12569	14540	15026	29565	45	-39	7	13	12569	15026	27607	1500	887	0	30.8
								****CREDITABLE SPACE****										
Aug 2013	836	453	730	12887	14907	15108	30015	836	453	730	2020	12887	15108	30015	1500	844	0	30.1
Sep 2013	855	506	764	13381	15507	15143	30650	855	506	764	2126	13381	15143	30650	2270	724	0	29.5
Oct 2013	886	541	789	13711	15927	15261	31188	886	541	789	2216	13711	15261	31188	3040	515	0	29.1
Nov 2013	904	554	792	13965	16214	15192	31406	904	554	792	2249	13965	15192	31406	3810	625	0	28.9
Dec 2013	913	540	794	14197	16443	15241	31684	913	540	794	2247	14197	15241	31684	4580	544	0	28.8
Jan 2014	932	529	803	14614	16879	14964	31843	932	529	803	2264	14614	14964	31843	5350	704	0	28.6
								****EFFECTIVE SPACE****										
Jan 2014	932	529	803	14614	16879	14964	31843	608	440	505	1553	14614	14964	31132	5350	704	0	28.6
Feb 2014	945	520	815	15020	17300	14844	32144	618	430	516	1565	15020	14844	31430	1500	674	0	28.4
Mar 2014	949	510	817	15229	17505	14871	32376	619	421	517	1558	15229	14871	31658	1500	1023	0	28.1
Apr 2014	903	490	763	15304	17460	15248	32708	568	401	461	1429	15304	15248	31981	1500	1109	0	28.0
May 2014	826	438	665	15136	17065	15703	32768	483	351	343	1177	15136	15703	32016	1500	997	0	29.2
Jun 2014	697	348	524	13936	15504	16082	31587	341	248	166	756	13936	16082	30774	1500	932	0	30.7
Jul 2014	478	146	456	12599	13678	16390	30069	107	23	46	176	12599	16390	29164	1500	856	0	30.8
								****CREDITABLE SPACE****										
Aug 2014	389	124	467	12524	13505	16436	29940	389	124	467	981	12524	16436	29940	1500	820	0	30.5
Sep 2014	419	173	501	12828	13921	16350	30271	419	173	501	1093	12828	16350	30271	2270	625	0	30.1
Oct 2014	476	212	515	12965	14168	16343	30511	476	212	515	1203	12965	16343	30511	3040	455	0	30.0
Nov 2014	528	219	502	13030	14280	16214	30493	528	219	502	1250	13030	16214	30493	3810	598	0	29.9
Dec 2014	580	211	500	13141	14432	16234	30666	580	211	500	1291	13141	16234	30666	4580	485	0	29.9
Jan 2015	650	248	506	13463	14868	15899	30767	650	248	506	1405	13463	15899	30767	5350	717	0	29.7
								****EFFECTIVE SPACE****										
Jan 2015	650	248	506	13463	14868	15899	30767	375	248	445	1068	13463	15899	30431	5350	717	0	29.7
Feb 2015	715	289	516	13770	15290	15790	31080	438	289	454	1181	13770	15790	30742	1500	687	0	29.4
Mar 2015	766	325	514	13891	15496	15829	31324	487	325	452	1264	13891	15829	30983	1500	1036	0	29.1
Apr 2015	771	320	462	13899	15452	16216	31668	488	320	397	1205	13899	16216	31320	1500	1122	0	29.1

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2145

Processed On: 5/9/2013 12:32:23PM

June 24-Month Study
Date: June 11, 2013

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

Reservoir	May Inflow (unregulated) (acre-feet)	Percent of Average (%)	June 10 Midnight Elevation (feet)	Reservoir Storage (acre-feet)
Fontenelle	108,000	66	6484.58	192,000
Flaming Gorge	135,000	55	6018.75	2,936,000
Blue Mesa	133,000	60	7469.33	431,000
Navajo	154,000	57	6029.20	1,001,000
Powell	1,122,000	48	3600.36	11,784,000

Expected Operations

The operation of Lake Powell and Lake Mead in this June 2013 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines), and reflects the 2013 Annual Operating Plan (AOP). Pursuant to the Interim Guidelines, the August 2012 24-Month Study projections of the January 1, 2013, system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2013.

Consistent with Section 6.B of the Interim Guidelines, the Lake Powell operational tier for water year 2013 is the Upper Elevation Balancing Tier. Since the April 2013 24-Month Study projected end of water year elevation at Lake Powell was below the 2013 Equalization Elevation of 3,646.0 feet and the projected end of water year elevation at Lake Mead was above elevation 1,075.0 feet, Section 6.B.1 and 6.B.4 of the Interim Guidelines provide for an annual release volume of 8.23 million acre-feet (maf) from Lake Powell during water year 2013.

Consistent with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar year 2013.

Consistent with Section 6.C.1 of the Interim Guidelines, if the August 24-Month study projects the January 1, 2014, Lake Powell elevation to be less than 3,575.0 feet and at or above 3,525.0 feet and the Lake Mead elevation to be at or above 1,025.0 feet, the operational tier for Lake Powell in water year 2014 would be the Mid-Elevation Release Tier and the water year release volume from Lake Powell would be 7.48 maf. This June 2013 24-Month study projects that, with an 8.23 maf annual release pattern in water year 2014, the January 1, 2014, Lake Powell elevation would be 3,577.05 feet and the Lake Mead elevation would be 1,105.27 feet. Therefore, the 2014 Lake Powell operational tier is currently projected to be the Upper Elevation Balancing Tier. However, based on analysis of a range of inflow scenarios, the current probability of realizing an inflow volume that would result in the Mid-Elevation Release Tier in 2014 is approximately 45 percent.

The Interim Guidelines are available for download at
http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The 2013 AOP is available for download at
http://www.usbr.gov/uc/water/rsvrs/ops/aop/AOP13_final.pdf.

Fontenelle Reservoir – Inflows to Fontenelle Reservoir for the month of May were 51,000 acre-feet (AF), or 59 percent of average. The reservoir elevation is 6484.35 feet, 55 percent of live capacity and decreasing. Inflows are averaging 1,100 cubic feet per second (cfs) and are expected to increase over the next few weeks as spring runoff flows enter the reservoir. Reservoir releases are currently at 800 cfs, and will likely remain at that level through the summer.

Inflows for the next three months are projected to be below average: with June, July and August forecasted inflow volumes at 140,000 AF (47% of average), 50,000 AF (28% of average), and 30,000 AF (39% of average), respectively. The Colorado Basin River Forecast Center has issued the official June water supply forecast for the April through July unregulated inflow volume which is 350,000 af or 48 percent of the 1981-2010 thirty-year average.

The next Fontenelle Working Group meeting is scheduled for August 22, 2013, at 10:00 am at the Joint Powers and Water Board in Green River, Wyoming. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir. The spring Fontenelle Working Group meeting was held on April 25, 2013 at Seedskadee National Wildlife Refuge. Minutes from the meeting will be posted on the Working Group webpages.

Flaming Gorge Reservoir – Unregulated inflow into Flaming Gorge Reservoir during the month of May was 135,000 acre-feet (af), or 55 percent of average. The reservoir elevation is 6018.87 feet and increasing. Observed inflows are approximately 1,000 cubic feet per second (cfs).

Forecasts remain below average and Flaming Gorge Dam is in the moderately dry hydrologic classification as outlined in the Record of Decision. Beginning on June 7th, Flaming Gorge releases will be reduced at a rate of 350 cfs/day to an average daily release of 1,100 cfs by June 16, 2013. Releases are anticipated to remain at a daily average release of 1,100 cfs through September 30, 2013, whereupon they will decrease to steady releases of approximately 820 cfs.

The Colorado Basin River Forecast Center has issued the official June water supply forecast for the April through July unregulated inflow volume which is 440,000 af or 45 percent of the 1981-2010 thirty-year average.

Reclamation has completed its involvement in a cooperative experimental program this year where the capture of endangered larval razorback sucker is the "trigger" to increase releases from Flaming Gorge Dam this spring. The moderately dry classification requirements are Green River flows measured at Jensen, Utah at or above 8,300 cfs for 7 to 14 days. Green River flows measured at Jensen, Utah were at or above 8,300 cfs for at least 10 days during larval drift with the peak flow of 10,100 cfs occurring on June 6, 2013.

The next Flaming Gorge Working Group meeting is scheduled for August 21, 2013, at 11:00 a.m. at the new Utah Department of Natural Resources building in Vernal, Utah, located at 318 North Vernal Avenue. The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stake holders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations and plans presented by Reclamation at these meetings. For more information on this group and these meetings please contact Ed Vidmar at 801-379-1182.

Aspinall Unit Reservoirs – May unregulated inflow into Blue Mesa Reservoir was 133,000 acre-feet or 60 percent of average. Precipitation during May was near normal at about 95 percent of average. The current inflow rate into Blue Mesa Reservoir is about 2,900 cfs while reservoir releases are averaging about 800 cfs. Blue Mesa's present elevation is 7469.33 feet, which corresponds to a storage content of about 431,000 acre-feet.

The latest Water Supply Forecast for Water Year 2013 has been issued and the April through July unregulated inflow is forecasted to be at 370,000 acre-feet (55% of average). This is a 35,000 acre-feet increase from last month's forecast. Based on this runoff forecast and the current elevation of Blue Mesa Reservoir, the reservoir will not fill, but is expected to fill to elevations between 7472 and 7478 feet.

The May 1st forecast officially sets the senior Black Canyon Water Right. Using this forecast (335,000 acre-feet) calls for a one day spring peak flow of 685 cfs below the tunnel diversion. Also using this same forecast for the determining the flow recommendations from the Aspinall ROD at Whitewater gage, the peak flow at that point should be 900 cfs for one day.

Releases from Crystal are currently set at 1300 cfs. The Gunnison Diversion Tunnel is diverting about 1,000 cfs, which results in a river flow below the diversion tunnel of approximately 300 cfs. These rates will most likely change as conditions warrant, primarily as we respond to changes at the Whitewater gage as flows prescribed in the Aspinall Unit Operations Record of Decision (ROD). The ROD calls for keeping flows at the Whitewater gage at or above 900 cfs.

The next meeting of the "Aspinall Unit Working Group" will be held on Thursday, September 5, 2013 starting at 1:00 PM at the Elk Creek Visitors Center at Blue Mesa Reservoir. At this meeting, review of this spring's reservoir operations, and plans for this summer and fall operations will be discussed. These meetings are open forum discussions on the Aspinall Unit reservoir operations with many interested groups participating. Anyone needing further information about these meetings should contact Dan Crabtree in the Grand Junction Area Office at (970) 248-0652.

Navajo Reservoir – As a result of increased runoff in the San Juan River Basin, the Bureau of Reclamation decreased the release from Navajo Reservoir from 350 cubic feet per second (cfs) to 250 cfs on Tuesday, May 7th. Releases are made for the authorized purposes of the Navajo Unit, and to attempt to maintain a target base flow through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell).

The San Juan River Basin Recovery Implementation Program recommends a target base flow of between 500 cfs and 1,000 cfs through the critical habitat area. The target base flow is calculated as the weekly average of gaged flows throughout the critical habitat area.

As of June 6th, the San Juan River basin above Navajo has 0.2 inches snow water equivalent (SWE) (6% of average). The Animas River Basin has melted out. Precipitation for the month of May throughout the San Juan River basin was well below average. The seasonal peak SWE above Navajo was reached on March 13th and was 13.9 inches (74% of average). Observed inflow into Navajo Reservoir during the month of May was 117,820 acre-feet. Modified-unregulated inflow volume was 154,495 af, which was 56% of average. The observed inflow into Navajo as of June 6th is 1,666 cfs. NIIP is diverting at a rate of 461 cfs. The reservoir water surface elevation is at 6028.78 feet, which corresponds to a storage content of about 996,345 acre-feet (59% full).

The most probable modified unregulated inflow forecast for April through July at Navajo is 300,000 acre-ft (40% of average). The minimum probable modified unregulated inflow forecast for April through July at Navajo is 265,000 acre-ft (36% of average). The maximum probable modified unregulated inflow forecast for April through July at Navajo is 340,000 acre-ft (46% of average). No spring peak release was conducted in 2013.

The most recent public meeting was held April 23rd, 2013 at 1:00 PM at the Civic Center in Farmington, New Mexico (200 West Arrington Street). At this meeting, a review of forecasted hydrology, and plans for this spring and summer 2013 operations were discussed. The next public meeting is scheduled for August 27th, 2013. These meetings are open forum discussions on the operation of Navajo Reservoir with many interested groups participating. Anyone interested in the general operation of the reservoir is encouraged to attend. Please contact Ryan Christianson in Reclamation's Durango, Colorado Office at (970) 385-6590 for information about these meetings or the daily operation of Navajo Reservoir.

***Glen Canyon Dam / Lake Powell* –**

Current Status

The unregulated inflow volume to Lake Powell in May was 1,121 thousand acre-feet (kaf) (48% of average). The release volume from Glen Canyon Dam in May was 602 kaf. The end of May elevation and storage of Lake Powell were 3599.4 feet (100.6 feet from full pool) and 11.68 million acre-feet (maf) (48% of full capacity). The reservoir elevation is expected to remain within several feet of the current elevation throughout spring and summer as inflow from runoff roughly matches reservoir releases. In late summer, the reservoir elevation will begin to decline again.

Current Operations

The operating tier for 2013 is the Upper Elevation Balancing Tier, as establish in August 2012 and pursuant to the Interim Guidelines. Since the April 2103 projected end of water year elevation at Lake Powell was below the 2013 Equalization Elevation of 3,646.0 feet and the projected end of water year elevation at Lake Mead was above elevation 1,075.0 feet, Section 6.B.1 and 6.B.4 of the Interim Guidelines provide for an annual release volume of 8.23 maf from Lake Powell during water year 2013. Reclamation will schedule operations at Glen Canyon Dam to achieve as practicably as possible an 8.23 maf annual release volume by September 30, 2013.

Releases from Glen Canyon Dam in June are currently averaging approximately 13,000 cfs with daily fluctuations between approximately 9,000 cfs at nighttime and approximately 17,000 cfs during the daytime and consistent with the Glen Canyon Operating Criteria (Federal Register, Volume 62, No. 41, March 3, 1997). The scheduled release volume for June 2013 is 800 kaf.

In July, the release volume will likely be about 847 kaf, with daily fluctuations for hydropower between approximately 10,000 cfs in the nighttime and approximately 18,000 cfs in the daytime. In August, the release volume will likely be about 800 kaf with daily fluctuations between approximately 9,000 cfs and 17,000 cfs.

In addition to daily scheduled fluctuations for power generation, the instantaneous releases from Glen Canyon Dam may also fluctuate to provide 40 MW of system regulation. These instantaneous release adjustments stabilize the electrical generation and transmission system and translate to a range of about 1,100 cfs above or below the hourly scheduled release rate. Typically, fluctuations for system regulation are very short

lived and balance out over the hour and do not have noticeable impacts on downstream river flow conditions.

Releases from Glen Canyon Dam can also fluctuate beyond scheduled fluctuations for power generation when called upon as a partner that shares reserve requirements within the electrical generator community (i.e. balancing area). Reserves provide system reliability in the event of an unscheduled outage. Glen Canyon Dam typically maintains 43 MW of reserves (approximately 1,100 cfs). Reserve calls can be maintained for a maximum of 2 hours after which time the generation rate should be returned to the original schedule. If reserves from Glen Canyon Dam are called upon, releases from the dam can exceed scheduled levels and can have a noticeable impact on the river downstream from Glen Canyon Dam. Calls for reserves are fairly infrequent and typically are for much less than 43 MW.

Inflow Forecasts and Model Projections

The hydrologic forecast for Lake Powell for the April to July water supply season projects that the most probable (median) unregulated inflow volume will be 3.0 maf (42% of average based on the period 1981-2010). The April-July most probable forecast did not change from last month and the overall water supply outlook remains significantly below average. The minimum probable and maximum probable forecasts are 2.48 maf (35%) and 3.48 maf (49%), respectively. Based on the current forecast, the June 24-Month study projects Lake Powell elevation will decline approximately 11 feet from June to September and end the water year at 3588.8 feet with 10.71 maf in storage (44% capacity). The annual release volume from Lake Powell during water year 2013 is scheduled to be 8.23 maf. Reclamation will schedule operations at Glen Canyon Dam to achieve as practicably as possible an 8.23 maf annual release volume by September 30, 2013.

Consistent with Section 6.C.1 of the Interim Guidelines, if the August 24-Month study projects the January 1, 2014, Lake Powell elevation to be less than 3,575.0 feet and at or above 3,525.0 feet and the Lake Mead elevation to be at or above 1,025.0 feet, the operational tier for Lake Powell in water year 2014 would be the Mid-Elevation Release Tier and the water year release volume from Lake Powell would be 7.48 maf. This June 2013 24-Month study projects that, with an 8.23 maf annual release pattern in water year 2014, the January 1, 2014, Lake Powell elevation would be 3,577.05 feet and the Lake Mead elevation would be 1,105.27 feet. Therefore, the 2014 Lake Powell operational tier is currently projected to be the Upper Elevation Balancing Tier with an annual release volume of 8.23 maf and no projected shift in April to the Equalization Tier. However, if hydrology should become slightly drier than is currently projected and the August 24-Month Study projects the January 1, 2014 Lake Powell elevation to be less than 3,575.00 feet, the Mid-Elevation Release Tier will govern and the annual release volume from Lake Powell will be 7.48 maf. Based on analysis of a range of inflow scenarios, the current probability of realizing an inflow volume that would result in the Mid-Elevation Release Tier and a 7.48 maf annual release is approximately 45 percent.

Upper Colorado River Basin Hydrology – Since 2005 the Upper Colorado River Basin has experienced significant year to year hydrologic variability. During the period 2005 through 2012, the unregulated inflow to Lake Powell, which is a good measure of hydrologic conditions in the Colorado River Basin, averaged a water year volume of 10.22 maf (94% of average (period 1981-2010)). The unregulated inflow has ranged from a low of 4.91 maf (45% of average) in water year 2012 to a high of 15.97 maf (147% of average) in water year 2011. This has been an improvement over the persistent drought conditions of 2000 to 2004, which averaged a water year unregulated inflow of 5.73 maf. However, based on observed inflows and current forecasts, water year 2013 unregulated inflow is expected to be 4.77 maf (44% of average), which would be a second below-average year in a row.

At the beginning of water year 2013, total system storage in the Colorado River Basin was 33.9 maf (57 % of capacity), which was an increase of about 4 maf since water year 2005 which began at 29.8 maf (50% of capacity). Since 2005, however, total Colorado Basin storage has experienced year to year increases and decreases in response to wet and dry hydrology. In addition, conditions in both 2012 and 2013 have been significantly drier than average and given observed inflows and current forecasts, the current projected end of water year 2013 total reservoir storage is approximately 29.3 maf (49% of capacity).

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-430
125 SOUTH STATE STREET, ROOM 6107
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-3709

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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:	Obs			may	Forecast			Outlook	
:	feb	mar	apr	may	%Avg	jun	jul	aug	apr-jul %Avg
GLDA3:Lake Powell	261	362	355	1122	48%:	1200/	320/	160/	3000/: 42%
GBRW4:Fontenelle	23	41	51	108	66%:	140/	50/	30/	350/: 48%
GRNU1:Flaming Gorge	30	64	69	135	56%:	180/	55/	35/	440/: 45%
BMDC2:Blue Mesa	15.7	23	43	133	60%:	140/	54/	33/	370/: 55%
MPSC2:Morrow Point	16.5	24	49	148	60%:	149/	56/	35/	402/: 54%
CLSC2:Crystal	19.8	29	55	161	57%:	162/	59/	38/	437/: 52%
TPIC2:Taylor Park	2.8	3.5	6.2	21	74%:	30/	12/	7/	69/: 70%
VCRC2:Vallecito	3.0	4.2	14.7	50	70%:	28/	12/	10/	105/: 54%
NVRN5:Navajo	12.5	31	71	154	56%:	63/	12/	18/	300/: 41%
LEMC2:Lemon	0.39	0.64	3.5	13.5	63%:	6/	2/	2.4/	25/: 45%
MPHC2:McPhee	2.1	4.8	17.2	50	40%:	20/	8/	8/	95/: 32%
RBSC2:Ridgway	1.78	3.7	7.5	17.3	67%:	18/	8.5/	6/	51/: 50%

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2013 24-Month Study

Most Probable Inflow*

Fontenelle Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jun 2012	189	2	83	16	99	6502.11	315
H	Jul 2012	92	3	72	3	75	6503.94	329
I	Aug 2012	36	2	68	0	68	6499.56	296
S	Sep 2012	23	2	46	8	54	6495.11	263
	WY 2012	**825**	**15**	**750**	**94**	**845**		
T	Oct 2012	29	1	25	28	53	6491.56	238
O	Nov 2012	35	1	22	28	51	6489.08	221
R	Dec 2012	28	1	52	0	52	6485.19	196
I	Jan 2013	23	1	53	0	53	6479.94	166
C	Feb 2013	23	0	48	0	48	6475.03	141
A	Mar 2013	41	0	52	0	52	6472.41	129
L	Apr 2013	51	1	51	0	51	6472.25	128
*	May 2013	108	1	51	0	51	6483.26	185
	Jun 2013	140	2	48	0	48	6496.83	276
	Jul 2013	50	3	49	0	49	6496.60	274
	Aug 2013	30	2	49	0	49	6493.60	253
	Sep 2013	30	2	48	0	48	6490.81	233
	WY 2013	**587**	**14**	**547**	**56**	**603**		
	Oct 2013	32	1	48	2	49	6487.97	215
	Nov 2013	31	1	48	0	48	6485.28	198
	Dec 2013	26	1	49	0	49	6481.20	174
	Jan 2014	22	1	49	0	49	6475.92	146
	Feb 2014	22	0	44	0	44	6470.84	123
	Mar 2014	38	0	49	0	49	6468.12	111
	Apr 2014	63	1	48	0	48	6471.66	126
	May 2014	122	1	74	0	74	6481.23	174
	Jun 2014	249	2	102	47	149	6496.24	271
	Jul 2014	168	3	92	0	92	6505.81	344
	Aug 2014	61	2	83	0	83	6502.76	320
	Sep 2014	46	2	36	32	68	6499.54	295
	WY 2014	**879**	**15**	**722**	**81**	**803**		
	Oct 2014	48	1	71	0	71	6496.34	272
	Nov 2014	42	1	68	0	68	6492.49	245
	Dec 2014	32	1	71	0	71	6486.52	205
	Jan 2015	30	1	71	0	71	6479.58	164
	Feb 2015	28	0	64	0	64	6471.99	128
	Mar 2015	53	0	71	0	71	6467.61	109
	Apr 2015	85	1	68	0	68	6471.51	126
	May 2015	164	1	92	0	92	6484.99	196

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Managing Water in the West

June 2013 24-Month Study

Most Probable Inflow*

Flaming Gorge Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	Jun 2012	188	98	10	87	0	87	125	6023.59	3108	154
H	Jul 2012	93	76	12	84	0	84	124	6023.04	3088	99
I	Aug 2012	29	60	12	80	0	80	123	6022.19	3058	90
S	Sep 2012	19	50	10	68	0	68	122	6021.43	3030	79
	WY 2012	**990**	**1010**	**78**	**1366**	**20**	**1386**				**2278**
T	Oct 2012	24	48	7	52	0	52	122	6021.15	3020	71
O	Nov 2012	39	55	3	49	0	49	122	6021.23	3023	75
R	Dec 2012	25	50	2	70	0	70	121	6020.63	3002	110
I	Jan 2013	24	53	2	74	0	74	120	6020.03	2981	398
C	Feb 2013	30	55	2	67	0	67	119	6019.65	2967	388
A	Mar 2013	64	76	3	53	0	53	120	6020.19	2986	109
L	Apr 2013	69	69	5	50	0	50	121	6020.57	3000	150
*	May 2013	135	77	7	67	0	67	121	6020.65	3003	438
	Jun 2013	180	88	10	135	0	135	119	6019.08	2947	135
	Jul 2013	55	54	12	68	0	68	118	6018.37	2923	68
	Aug 2013	35	54	11	68	0	68	117	6017.68	2899	68
	Sep 2013	30	48	10	65	0	65	116	6016.90	2872	65
	WY 2013	**711**	**727**	**75**	**817**	**0**	**817**				**2075**
	Oct 2013	37	54	7	51	0	51	115	6016.82	2869	51
	Nov 2013	39	56	3	48	0	48	116	6016.97	2874	48
	Dec 2013	31	54	2	49	0	49	116	6017.07	2877	49
	Jan 2014	27	54	2	49	0	49	116	6017.17	2881	49
	Feb 2014	31	54	2	44	0	44	116	6017.38	2888	44
	Mar 2014	72	83	3	49	0	49	117	6018.23	2918	49
	Apr 2014	109	94	5	48	0	48	119	6019.37	2957	48
	May 2014	156	108	7	102	0	102	119	6019.34	2956	102
	Jun 2014	273	173	10	100	0	100	121	6021.07	3018	100
	Jul 2014	191	115	13	65	0	65	123	6022.08	3054	65
	Aug 2014	68	90	12	65	0	65	123	6022.44	3067	65
	Sep 2014	50	73	11	62	0	62	123	6022.44	3067	62
	WY 2014	**1085**	**1008**	**74**	**731**	**0**	**731**				**731**
	Oct 2014	56	78	7	65	0	65	124	6022.61	3073	65
	Nov 2014	50	76	3	62	0	62	124	6022.88	3083	62
	Dec 2014	35	74	2	65	0	65	124	6023.08	3090	65
	Jan 2015	40	81	2	65	0	65	125	6023.46	3104	65
	Feb 2015	45	81	2	58	0	58	126	6024.00	3123	58
	Mar 2015	102	120	3	65	0	65	128	6025.38	3174	65
	Apr 2015	134	117	5	62	0	62	130	6026.65	3221	62
	May 2015	245	174	8	114	0	114	132	6027.96	3271	114

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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June 2013 24-Month Study

Most Probable Inflow*

Taylor Park Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jun 2012	9	15	9312.87	75
H	Jul 2012	6	14	9307.53	66
I	Aug 2012	4	12	9302.28	58
S	Sep 2012	4	6	9300.80	56
	WY 2012	**80**	**95**		
T	Oct 2012	4	4	9301.04	57
O	Nov 2012	3	3	9301.07	57
R	Dec 2012	3	3	9301.09	57
I	Jan 2013	3	3	9301.07	57
C	Feb 2013	3	3	9301.01	57
A	Mar 2013	3	3	9301.27	57
L	Apr 2013	6	4	9302.94	59
*	May 2013	21	7	9312.29	74
	Jun 2013	30	13	9322.14	91
	Jul 2013	12	15	9320.30	87
	Aug 2013	7	15	9316.03	80
	Sep 2013	6	12	9312.35	74
	WY 2013	**101**	**84**		
	Oct 2013	5	5	9312.35	74
	Nov 2013	5	5	9312.35	74
	Dec 2013	4	5	9312.05	73
	Jan 2014	4	5	9311.43	72
	Feb 2014	3	5	9310.38	70
	Mar 2014	3	5	9309.56	69
	Apr 2014	6	6	9309.50	69
	May 2014	23	12	9316.20	80
	Jun 2014	37	18	9326.64	99
	Jul 2014	14	20	9323.63	94
	Aug 2014	8	20	9317.12	82
	Sep 2014	7	16	9311.62	72
	WY 2014	**119**	**120**		
	Oct 2014	6	10	9309.28	69
	Nov 2014	5	6	9308.61	68
	Dec 2014	5	6	9307.76	66
	Jan 2015	4	6	9306.68	65
	Feb 2015	4	6	9305.21	63
	Mar 2015	4	6	9304.15	61
	Apr 2015	9	6	9306.02	64
	May 2015	28	12	9316.10	80

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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June 2013 24-Month Study

Most Probable Inflow*

Blue Mesa Reservoir

	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jun 2012	45	50	1	93	0	93	7476.82	483
H	Jul 2012	30	39	1	90	0	90	7469.29	431
I	Aug 2012	28	36	1	79	0	79	7462.48	387
S	Sep 2012	19	21	1	67	0	67	7454.82	340
	WY 2012	**427**	**442**	**7**	**793**	**0**	**793**		
T	Oct 2012	20	20	0	33	0	33	7452.55	327
O	Nov 2012	19	19	0	19	0	19	7452.39	326
R	Dec 2012	18	18	0	16	0	16	7452.65	328
I	Jan 2013	16	16	0	15	0	15	7452.77	328
C	Feb 2013	16	16	0	15	0	15	7452.95	329
A	Mar 2013	23	23	0		0	16	7454.12	336
L	Apr 2013	43	41	1	38	0	38	7454.46	338
*	May 2013	133	119	1	58	0	58	7464.34	399
	Jun 2013	140	123	1	72	0	72	7471.81	448
	Jul 2013	54	57	1	97	0	97	7465.71	407
	Aug 2013	33	41	1	97	0	97	7456.51	350
	Sep 2013	28	34	1	67	0	67	7450.73	317
	WY 2013	**543**	**526**	**7**	**527**	**0**	**543**		
	Oct 2013	29	29	0	42	0	42	7448.34	303
	Nov 2013	24	24	0	13	0	13	7450.30	314
	Dec 2013	21	21	0	14	0	14	7451.57	321
	Jan 2014	19	20	0	15	0	15	7452.34	326
	Feb 2014	16	18	0	13	0	13	7453.11	330
	Mar 2014	27	28	0	16	0	16	7455.17	342
	Apr 2014	57	57	1	28	0	28	7459.94	371
	May 2014	181	170	1	91	0	91	7471.96	449
	Jun 2014	228	209	1	32	0	32	7495.47	625
	Jul 2014	90	96	1	85	0	85	7496.69	634
	Aug 2014	49	61	1	94	0	94	7492.36	600
	Sep 2014	37	47	1	84	0	84	7487.42	561
	WY 2014	**777**	**779**	**7**	**527**	**0**	**527**		
	Oct 2014	38	41	0	42	0	42	7487.28	560
	Nov 2014	31	32	0	12	0	12	7489.90	581
	Dec 2014	26	27	0	26	0	26	7490.00	581
	Jan 2015	24	26	0	67	0	67	7484.61	540
	Feb 2015	22	25	0	60	0	60	7479.79	504
	Mar 2015	36	38	0	32	0	32	7480.50	510
	Apr 2015	77	74	1	54	0	54	7483.16	529
	May 2015	221	205	1	120	0	120	7494.03	613

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Managing Water in the West

June 2013 24-Month Study

Most Probable Inflow*

Morrow Point Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jun 2012	45	93	1	93	93	0	93	7154.59	113
H	Jul 2012	31	90	0	90	89	0	89	7155.86	114
I	Aug 2012	28	79	0	80	80	0	80	7154.84	113
S	Sep 2012	19	67	0	68	71	0	71	7150.03	109
	WY 2012	**447**	**793**	**21**	**814**	**811**	**0**	**811**		
T	Oct 2012	22	33	1	34	40	0	40	7142.80	104
O	Nov 2012	20	19	1	20	16	0	16	7148.49	108
R	Dec 2012	18	16	1	17	18	0	18	7146.50	106
I	Jan 2013	17	15	1	16	17	0	17	7144.75	105
C	Feb 2013	17	15	1	15	16	0	16	7144.30	105
A	Mar 2013	24	16	1	17	17	0	17	7144.36	105
L	Apr 2013	49	38	6	44	42	0	42	7146.71	107
*	May 2013	148	58	15	72	67	0	67	7154.02	112
	Jun 2013	149	72	9	81	81	0	81	7153.73	112
	Jul 2013	56	97	2	99	99	0	99	7153.73	112
	Aug 2013	35	97	2	99	99	0	99	7153.73	112
	Sep 2013	30	67	2	69	69	0	69	7153.73	112
	WY 2013	**584**	**543**	**41**	**584**	**580**	**0**	**580**		
	Oct 2013	31	42	2	44	44	0	44	7153.73	112
	Nov 2013	26	13	2	15	15	0	15	7153.73	112
	Dec 2013	23	14	2	16	16	0	16	7153.73	112
	Jan 2014	20	15	1	16	16	0	16	7153.73	112
	Feb 2014	17	13	1	14	14	0	14	7153.73	112
	Mar 2014	29	16	2	18	18	0	18	7153.73	112
	Apr 2014	66	28	10	37	37	0	37	7153.73	112
	May 2014	199	91	18	109	109	0	109	7153.73	112
	Jun 2014	246	32	18	50	50	0	50	7153.73	112
	Jul 2014	97	85	7	92	92	0	92	7153.73	112
	Aug 2014	52	94	3	97	97	0	97	7153.73	112
	Sep 2014	39	84	2	86	86	0	86	7153.73	112
	WY 2014	**845**	**527**	**67**	**594**	**594**	**0**	**594**		
	Oct 2014	40	42	2	44	44	0	44	7153.73	112
	Nov 2014	33	12	2	14	14	0	14	7153.73	112
	Dec 2014	28	26	2	28	28	0	28	7153.73	112
	Jan 2015	27	67	2	69	69	0	69	7153.73	112
	Feb 2015	25	60	3	63	63	0	63	7153.73	112
	Mar 2015	40	32	4	36	36	0	36	7153.73	112
	Apr 2015	88	54	11	65	65	0	65	7153.73	112
	May 2015	247	120	26	146	146	0	146	7153.73	112

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Most Probable Inflow*

Crystal Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
*	Jun 2012	49	93	3	96	97	0	97	6744.24	14	63	37
H	Jul 2012	35	89	4	93	93	0	93	6745.39	15	62	36
I	Aug 2012	32	80	3	84	84	0	84	6743.63	14	52	38
S	Sep 2012	22	71	2	74	63	11	74	6743.29	14	45	33
	WY 2012	**498**	**811**	**51**	**862**	**824**	**38**	**862**			**397**	**497**
T	Oct 2012	24	40	3	42	40	0	40	6750.72	16	20	20
O	Nov 2012	23	16	4	19	21	0	21	6746.77	15	1	19
R	Dec 2012	22	18	4	22	22	0	22	6749.11	16	1	20
I	Jan 2013	20	17	4	21	19	2	21	6747.09	15	0	20
C	Feb 2013	20	16	3	19	10	9	19	6745.57	15	0	19
A	Mar 2013	29	17	5	21	22	0	22	6744.50	15	0	22
L	Apr 2013	55	42	7	49	51	0	51	6738.38	13	33	20
*	May 2013	161	67	13	80	80	0	80	6736.96	13	66	18
	Jun 2013	162	81	13	94	90	0	90	6753.04	17	60	30
	Jul 2013	59	99	3	102	102	0	102	6753.04	17	65	37
	Aug 2013	38	99	3	102	102	0	102	6753.04	17	65	37
	Sep 2013	34	69	4	73	73	0	73	6753.04	17	55	18
	WY 2013	**648**	**580**	**64**	**645**	**630**	**12**	**642**			**366**	**282**
	Oct 2013	35	44	4	48	48	0	48	6753.04	17	30	18
	Nov 2013	29	15	3	18	18	0	18	6753.04	17	0	18
	Dec 2013	26	16	3	19	19	0	19	6753.04	17	0	19
	Jan 2014	22	16	3	19	19	0	19	6753.04	17	0	19
	Feb 2014	19	14	2	17	17	0	17	6753.04	17	0	17
	Mar 2014	34	18	5	23	23	0	23	6753.04	17	5	18
	Apr 2014	78	37	12	49	49	0	49	6753.04	17	30	19
	May 2014	229	109	30	138	134	4	138	6753.04	17	55	83
	Jun 2014	277	50	31	81	81	0	81	6753.04	17	60	21
	Jul 2014	108	92	10	102	102	0	102	6753.04	17	65	37
	Aug 2014	57	97	5	102	102	0	102	6753.04	17	65	37
	Sep 2014	44	86	5	91	91	0	91	6753.04	17	55	36
	WY 2014	**957**	**594**	**112**	**706**	**702**	**4**	**706**			**365**	**341**
	Oct 2014	45	44	5	49	49	0	49	6753.04	17	30	19
	Nov 2014	37	14	4	18	18	0	18	6753.04	17	0	18
	Dec 2014	32	28	5	33	33	0	33	6753.04	17	0	33
	Jan 2015	31	69	5	74	74	0	74	6753.04	17	0	74
	Feb 2015	29	63	4	66	66	0	66	6753.04	17	0	66
	Mar 2015	46	36	6	42	42	0	42	6753.04	17	5	37
	Apr 2015	101	65	12	78	78	0	78	6753.04	17	30	48
	May 2015	281	146	34	180	134	46	180	6753.04	17	55	125

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June 2013 24-Month Study

Most Probable Inflow*

Vallecito Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jun 2012	17	36	7656.80	104
H	Jul 2012	11	35	7647.02	80
I	Aug 2012	7	33	7634.93	54
S	Sep 2012	4	22	7624.48	36
	WY 2012	**168**	**188**		
T	Oct 2012	3	3	7624.51	36
O	Nov 2012	3	1	7625.69	37
R	Dec 2012	3	0	7627.33	40
I	Jan 2013	3	0	7629.10	43
C	Feb 2013	3	0	7630.60	46
A	Mar 2013	4	0	7632.64	50
L	Apr 2013	15	1	7639.26	63
*	May 2013	49	31	7647.20	80
	Jun 2013	28	36	7643.61	72
	Jul 2013	12	37	7631.13	47
	Aug 2013	10	37	7612.11	20
	Sep 2013	11	9	7614.17	22
	WY 2013	**145**	**156**		
	Oct 2013	9	0	7621.29	31
	Nov 2013	7	0	7625.40	37
	Dec 2013	5	0	7628.21	42
	Jan 2014	4	0	7630.41	45
	Feb 2014	4	0	7632.14	49
	Mar 2014	6	0	7634.90	54
	Apr 2014	19	0	7643.77	73
	May 2014	66	31	7658.20	107
	Jun 2014	64	46	7664.54	124
	Jul 2014	28	42	7659.01	110
	Aug 2014	19	38	7651.19	90
	Sep 2014	15	30	7645.00	75
	WY 2014	**245**	**189**		
	Oct 2014	14	17	7643.67	72
	Nov 2014	8	5	7645.13	76
	Dec 2014	6	5	7645.62	77
	Jan 2015	5	5	7645.70	77
	Feb 2015	5	5	7645.76	77
	Mar 2015	9	3	7648.05	82
	Apr 2015	23	3	7656.23	102
	May 2015	71	48	7664.97	125

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Most Probable Inflow*

Navajo Reservoir

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azetea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Farmington Flow (1000 Ac-Ft)
*	Jun 2012	20	4	35	4	46	42	6051.70	1246	57
H	Jul 2012	10	1	33	4	44	52	6045.91	1178	60
I	Aug 2012	0	0	26	3	45	55	6038.86	1101	47
S	Sep 2012	-2	0	17	2	22	58	6032.62	1035	56
	WY 2012	**523**	**53**	**490**	**26**	**236**	**521**			**814**
T	Oct 2012	3	0	3	1	11	40	6027.78	986	43
O	Nov 2012	9	0	7	1	0	23	6026.11	970	32
R	Dec 2012	12	0	9	0	0	22	6024.73	957	30
I	Jan 2013	14	0	11	0	0	20	6023.77	947	
C	Feb 2013	13	0	10	1	0	19	6022.74	938	36
A	Mar 2013	31	1	26	1	6	22	6022.39	934	33
L	Apr 2013	71	7	53	2	21	36	6021.77	928	40
*	May 2013	154	17	118	3	36	17	6028.15	990	93
	Jun 2013	63	17	54	3	44	15	6027.27	981	15
	Jul 2013	12	2	35	3	50	40	6021.28	924	40
	Aug 2013	18	0	45	3	43	45	6016.38	879	45
	Sep 2013	28	0	26	2	24	35	6012.37	843	35
	WY 2013	**428**	**44**	**396**	**21**	**235**	**333**			**441**
	Oct 2013	28	0	18	1	6	27	6010.53	827	27
	Nov 2013	26	0	20	1	0	21	6010.29	825	21
	Dec 2013	19	0	15	0	0	23	6009.23	815	23
	Jan 2014	16	0	12	0	0	26	6007.62	802	26
	Feb 2014	20	0	17	1	0	24	6006.79	795	24
	Mar 2014	61	1	54	1	2	25	6009.85	821	25
	Apr 2014	126	10	97	2	18	21	6016.27	878	21
	May 2014	267	26	206	3	33	40	6030.04	1009	40
	Jun 2014	189	17	155	3	48	86	6031.77	1026	86
	Jul 2014	49	2	61	3	53	27	6029.60	1005	27
	Aug 2014	36	0	55	3	46	38	6026.36	972	38
	Sep 2014	34	0	48	2	26	33	6025.07	960	33
	WY 2014	**872**	**55**	**760**	**20**	**232**	**390**			**390**
	Oct 2014	40	0	43	1	7	31	6025.51	964	31
	Nov 2014	31	0	28	1	0	30	6025.21	961	30
	Dec 2014	25	0	24	0	0	31	6024.46	954	31
	Jan 2015	22	0	22	0	0	31	6023.46	944	31
	Feb 2015	30	0	30	1	0	28	6023.63	946	28
	Mar 2015	92	1	86	1	2	31	6028.95	998	31
	Apr 2015	170	10	140	2	18	30	6037.74	1089	30
	May 2015	277	26	228	3	33	48	6050.59	1232	48

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2013 24-Month Study

Most Probable Inflow*

Lake Powell

	Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry Gage (1000 Ac-Ft)
*	Jun 2012	353	398	54	709	0	709	3633.90	5277	15294	712
H	Jul 2012	154	285	62	886	0	886	3628.45	5228	14680	892
I	Aug 2012	101	289	60	800	0	800	3623.62	5186	14151	810
S	Sep 2012	104	296	54	481	0	481	3621.56	5168	13929	478
	WY 2012	**4908**	**5964**	**455**	**9466**	**0**	**9466**				**9527**
T	Oct 2012	190	294	37	498	0	498	3619.46	5150	13706	495
O	Nov 2012	246	273	35	652	78	730	3615.10	5114	13251	736
R	Dec 2012	201	247	27	801	0	801	3609.82	5071	12713	800
I	Jan 2013	168	230	8	801	0	801	3604.42	5028	12177	801
C	Feb 2013	262	300	9	600	0	600	3601.47	5005	11891	595
A	Mar 2013	362	357	14	601	0	601	3598.96	4986	11651	594
L	Apr 2013	355	326	22	551	0	551	3596.53	4967	11422	547
*	May 2013	1122	925	26	602	0	602	3599.44	4989	11697	591
	Jun 2013	1200	1096	42	800	0	800	3601.90	5008	11932	811
	Jul 2013	320	455	50	847	0	847	3597.61	4976	11523	865
	Aug 2013	160	326	48	800	0	800	3592.40	4937	11039	821
	Sep 2013	180	286	44	600	0	600	3588.76	4910	10708	614
	WY 2013	**4766**	**5114**	**363**	**8152**	**78**	**8230**				**8271**
	Oct 2013	312	344	30	600	0	600	3585.80	4889	10444	611
	Nov 2013	336	329	28	600	0	600	3582.63	4867	10167	609
	Dec 2013	290	305	22	800	0	800	3577.05	4829	9689	812
	Jan 2014	263	291	6	800	0	800	3571.29	4791	9212	813
	Feb 2014	259	273	7	600	0	600	3567.45	4766	8902	610
	Mar 2014	427	361	11	600	0	600	3564.51	4747	8671	611
	Apr 2014	687	519	17	600	0	600	3563.34	4740	8580	612
	May 2014	1851	1537	21	600	0	600	3573.92	4808	9428	611
	Jun 2014	2380	1973	36	650	0	650	3587.76	4903	10619	661
	Jul 2014	932	833	46	850	0	850	3587.11	4899	10561	869
	Aug 2014	426	517	45	900	0	900	3582.61	4867	10165	921
	Sep 2014	385	468	41	630	0	630	3580.44	4852	9977	644
	WY 2014	**8549**	**7750**	**310**	**8230**	**0**	**8230**				**8384**
	Oct 2014	493	503	28	480	0	480	3580.38	4851	9972	491
	Nov 2014	464	456	27	500	0	500	3579.61	4846	9906	509
	Dec 2014	363	398	22	600	0	600	3577.17	4830	9699	612
	Jan 2015	361	437	6	800	0	800	3573.07	4802	9357	813
	Feb 2015	393	442	7	600	0	600	3571.20	4790	9205	610
	Mar 2015	665	565	11	600	0	600	3570.67	4787	9162	611
	Apr 2015	1056	849	19	500	0	500	3574.40	4811	9467	512
	May 2015	2343	1941	23	600	0	600	3588.52	4909	10687	611

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2013 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Glen Release (1000 Ac-Ft)	Side Inflow Glen to Hoover (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Jun 2012	709	7	62	989	16.6	28	989	858	1115.84	13200
H	Jul 2012	886	69	77	841	13.7	29	819	858	1115.92	13207
I	Aug 2012	800	169	82	798	13.0	24	793	862	1116.56	13269
S	Sep 2012	481	97	67	635	10.7	18	634	854	1115.16	13135
	WY 2012	**9466**	**730**	**638**	**9421**		**227**	**9356**			
T	Oct 2012	498	53	49	346	5.6	20	331	862	1116.50	13263
O	Nov 2012	730	60	49	650	10.9	14	649	867	1117.24	13334
R	Dec 2012	801	50	43	476	7.7	11	432	886	1120.36	13636
I	Jan 2013	801	56	35	609	9.9	9	591	899	1122.32	13828
C	Feb 2013	600	68	32	646	11.6	8	644	898	1122.14	13810
A	Mar 2013	601	69	36	987	16.1	15	986	875	1118.59	13465
L	Apr 2013	551	37	44	1103	18.5	20	1102	840	1112.91	12921
*	May 2013	602	29	50	1007	16.4	28	1005	812	1108.36	12495
	Jun 2013	800	33	59	936	15.7	23	936	801	1106.46	12320
	Jul 2013	847	55	73	915	14.9	29	915	794	1105.27	12211
	Aug 2013	800	109	78	808	13.1	24	808	794	1105.27	12210
	Sep 2013	600	81	64	729	12.2	20	729	786	1103.92	12088
	WY 2013	**8230**	**700**	**611**	**9212**		**222**	**9126**			
	Oct 2013	600	54	46	577	9.4	18	577	786	1104.04	12099
	Nov 2013	600	44	46	687	11.5	25	687	780	1102.87	11993
	Dec 2013	800	99	40	608	9.9	20	608	794	1105.27	12210
	Jan 2014	800	81	33	709	11.5	16	709	801	1106.53	12326
	Feb 2014	600	94	30	678	12.2	18	678	799	1106.20	12296
	Mar 2014	600	77	34	1021	16.6	21	1021	775	1102.08	11921
	Apr 2014	600	80	41	1106	18.6	14	1106	746	1097.01	11470
	May 2014	600	64	46	993	16.2	24	993	721	1092.73	11094
	Jun 2014	650	33	55	930	15.6	22	930	701	1089.22	10789
	Jul 2014	850	55	69	852	13.9	28	852	699	1088.73	10748
	Aug 2014	900	109	73	818	13.3	23	818	704	1089.76	10837
	Sep 2014	630	81	60	625	10.5	19	625	705	1089.85	10844
	WY 2014	**8230**	**870**	**574**	**9604**		**247**	**9604**			
	Oct 2014	480	54	44	456	7.4	17	456	706	1090.04	10860
	Nov 2014	500	44	44	601	10.1	23	601	698	1088.68	10744
	Dec 2014	600	99	38	491	8.0	18	491	708	1090.34	10887
	Jan 2015	800	81	31	717	11.7	16	717	715	1091.61	10996
	Feb 2015	600	94	29	687	12.4	18	687	712	1091.18	10959
	Mar 2015	600	77	32	1036	16.8	22	1036	687	1086.68	10572
	Apr 2015	500	80	39	1122	18.9	14	1122	651	1080.02	10013
	May 2015	600	64	43	1010	16.4	24	1010	626	1075.28	9624

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2013 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Jun 2012	989	-19	25	952	0	952	16.0	642.80	1693
H	Jul 2012	841	-9	25	805	0	805	13.1	642.89	1696
I	Aug 2012	798	-11	23	744	0	744	12.1	643.63	1716
S	Sep 2012	635	-5	18	723	0	723	12.1	639.55	1605
	WY 2012	**9421**	**-177**	**197**	**9051**	**0**	**9051**			
T	Oct 2012	346	-3	14	556	0	556	9.0	630.75	1377
O	Nov 2012	650	-11	10	499	0	499	8.4	635.82	1507
R	Dec 2012	476	-6	9	395	0	395	6.4	638.30	1572
I	Jan 2013	609	-11	10	510	0	510	8.3	641.20	1650
C	Feb 2013	646	-12	10	609	0	609	11.0	641.78	1665
A	Mar 2013	987	-11	13	956	0	956	15.5	642.06	1673
L	Apr 2013	1103	-20	17	1017	0	1017	17.1	643.87	1723
*	May 2013	1007	-15	22	959	0	959	15.6	644.24	1733
	Jun 2013	936	-12	26	933	0	933	15.7	643.00	1699
	Jul 2013	915	-5	25	898	0	898	14.6	642.50	1685
	Aug 2013	808	-8	23	804	0	804	13.1	641.50	1658
	Sep 2013	729	-1	18	803	0	803	13.5	638.00	1564
	WY 2013	**9212**	**-117**	**197**	**8939**	**0**	**8939**			
	Oct 2013	577	0	15	692	0	692	11.3	633.00	1434
	Nov 2013	687	-16	10	609	0	609	10.2	635.00	1486
	Dec 2013	608	-17	9	484	0	484	7.9	638.71	1583
	Jan 2014	709	-16	10	601	0	601	9.8	641.80	1666
	Feb 2014	678	-8	10	660	0	660	11.9	641.80	1666
	Mar 2014	1021	-16	13	958	0	958	15.6	643.05	1700
	Apr 2014	1106	-15	17	1076	0	1076	18.1	643.00	1699
	May 2014	993	-14	22	957	0	957	15.6	643.00	1699
	Jun 2014	930	-12	25	919	0	919	15.5	642.00	1671
	Jul 2014	852	-5	25	835	0	835	13.6	641.50	1658
	Aug 2014	818	-8	23	787	0	787	12.8	641.50	1658
	Sep 2014	625	-1	18	699	0	699	11.7	638.00	1564
	WY 2014	**9604**	**-129**	**197**	**9278**	**0**	**9278**			
	Oct 2014	456	0	15	570	0	570	9.3	633.00	1434
	Nov 2014	601	-16	10	523	0	523	8.8	635.00	1486
	Dec 2014	491	-17	9	367	0	367	6.0	638.71	1583
	Jan 2015	717	-16	10	609	0	609	9.9	641.80	1666
	Feb 2015	687	-8	10	669	0	669	12.0	641.80	1666
	Mar 2015	1036	-16	13	973	0	973	15.8	643.05	1700
	Apr 2015	1122	-15	17	1093	0	1093	18.4	643.00	1699
	May 2015	1010	-14	22	974	0	974	15.8	643.00	1699

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2013 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	Jun 2012	952	10	15	719	12.1	97	130	448.23	584	103	1.7
H	Jul 2012	805	46	17	675	11.0	101	34	448.91	598	124	2.0
I	Aug 2012	744	26	17	568	9.2	100	85	448.38	587	97	1.6
S	Sep 2012	723	31	15	548	9.2	74	137	446.98	561	90	1.5
	WY 2012	**9051**	**290**	**140**	**6652**		**723**	**1763**			**1435**	
T	Oct 2012	556	34	12	482	7.8	14	32	449.31	606	70	1.1
O	Nov 2012	499	27	9	348	5.9	14	174	448.06	581	88	1.5
R	Dec 2012	395	21	7	289	4.7	15	132	446.41	550	132	2.2
I	Jan 2013	510	17	6	352	5.7	57	80	448.01	580	143	2.3
C	Feb 2013	609	4	8	444	8.0	7	147	448.13	583	158	2.8
A	Mar 2013	956	7	9	680	11.1	98	180	447.58	572	191	3.1
L	Apr 2013	1017	13	11	765	12.9	84	148	448.35	587	185	3.1
*	May 2013	959	19	13	677	11.0	96	174	448.76	595	95	1.6
	Jun 2013	933	15	16	695	11.7	96	132	448.50	590	98	1.6
	Jul 2013	898	25	17	714	11.6	99	79	448.50	590	103	1.7
	Aug 2013	804	24	17	640	10.4	99	79	447.50	570	105	1.7
	Sep 2013	803	23	15	560	9.4	101	154	446.81	557	102	1.7
	WY 2013	**8939**	**230**	**140**	**6646**		**780**	**1511**			**1468**	
	Oct 2013	692	26	12	453	7.4	109	146	446.31	548	65	1.1
	Nov 2013	609	32	8	378	6.4	105	140	446.50	552	99	1.7
	Dec 2013	484	26	6	277	4.5	109	114	446.50	552	105	1.7
	Jan 2014	601	16	6	340	5.5	89	176	446.50	552	125	2.0
	Feb 2014	660	10	8	450	8.1	79	127	446.50	552	156	2.8
	Mar 2014	958	17	9	690	11.2	89	175	446.70	555	201	3.3
	Apr 2014	1076	21	11	785	13.2	86	169	448.70	593	212	3.6
	May 2014	957	20	13	690	11.2	89	173	448.70	593	111	1.8
	Jun 2014	919	15	16	683	11.5	86	137	448.70	593	109	1.8
	Jul 2014	835	25	17	716	11.6	89	38	448.00	580	111	1.8
	Aug 2014	787	24	17	633	10.3	89	70	447.50	571	105	1.7
	Sep 2014	699	23	15	549	9.2	60	101	446.81	557	102	1.7
	WY 2014	**9278**	**256**	**139**	**6644**		**1077**	**1567**			**1500**	
	Oct 2014	570	26	12	448	7.3	14	124	446.31	548	65	1.1
	Nov 2014	523	32	8	376	6.3	15	147	446.50	552	99	1.7
	Dec 2014	367	26	6	275	4.5	15	92	446.50	552	105	1.7
	Jan 2015	609	16	6	348	5.7	89	176	446.50	552	125	2.0
	Feb 2015	669	10	8	458	8.3	79	127	446.50	552	156	2.8
	Mar 2015	973	17	9	704	11.5	89	175	446.70	555	201	3.3
	Apr 2015	1093	21	11	801	13.5	86	169	448.70	593	212	3.6
	May 2015	974	20	13	707	11.5	89	173	448.70	593	111	1.8

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2013 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Jun 2012	989	16.6	1115.84	13200	-341	470.21	1829.0	414.2	100	418.8
H	Jul 2012	841	13.7	1115.92	13207	8	471.23	1374.0	349.7	76	415.6
I	Aug 2012	798	13.0	1116.56	13269	61	471.53	1809.0	331.4	100	415.2
S	Sep 2012	635	10.7	1115.16	13135	-134	473.98	1809.0	261.9	100	412.2
	WY 2012	**9421**							**3985.6**		
T	Oct 2012	346	5.6	1116.50	13263	128	476.50	1051.0	141.3	58	409.0
O	Nov 2012	650	10.9	1117.24	13334	71	473.22	1051.0	276.3	58	424.7
R	Dec 2012	476	7.7	1120.36	13636	302	475.06	1520.0	198.5	84	417.3
I	Jan 2013	609	9.9	1122.32	13828	192	474.10	1062.0	259.8	59	426.6
C	Feb 2013	646	11.6	1122.14	13810	-18	475.07	1072.0	276.4	59	427.6
A	Mar 2013	987	16.1	1118.59	13465	-346	472.93	1073.0	425.6	59	431.1
L	Apr 2013	1103	18.5	1112.91	12921	-544	463.52	1042.0	467.6	57	423.9
*	May 2013	1007	16.4	1108.36	12495	-426	463.02	1353.0	419.9	75	417.1
	Jun 2013	936	15.7	1106.46	12320	-175	453.61	1726.0	383.2	97	409.2
	Jul 2013	915	14.9	1105.27	12211	-109	452.35	1728.0	370.0	100	404.5
	Aug 2013	808	13.1	1105.27	12210	-1	452.24	1726.0	329.0	100	407.2
	Sep 2013	729	12.2	1103.92	12088	-123	453.04	1718.0	294.6	100	404.3
	WY 2013	**9212**							**3842.1**		
	Oct 2013	577	9.4	1104.04	12099	11	457.18	1307.0	232.5	76	402.7
	Nov 2013	687	11.5	1102.87	11993	-106	458.00	1352.0	280.4	79	408.4
	Dec 2013	608	9.9	1105.27	12210	217	456.65	1380.0	246.0	79	404.7
	Jan 2014	709	11.5	1106.53	12326	116	460.52	705.0	303.9	40	428.6
	Feb 2014	678	12.2	1106.20	12296	-30	455.89	1355.0	278.1	78	410.2
	Mar 2014	1021	16.6	1102.08	11921	-375	452.30	1489.0	415.2	87	406.6
	Apr 2014	1106	18.6	1097.01	11470	-452	448.05	1353.0	455.6	80	412.0
	May 2014	993	16.2	1092.73	11094	-376	443.32	1350.0	396.4	81	399.1
	Jun 2014	930	15.6	1089.22	10789	-305	437.73	1645.0	367.2	100	394.9
	Jul 2014	852	13.9	1088.73	10748	-42	436.23	1642.0	337.6	100	396.2
	Aug 2014	818	13.3	1089.76	10837	89	436.67	1648.0	323.1	100	394.9
	Sep 2014	625	10.5	1089.85	10844	7	438.36	1649.0	244.3	100	391.0
	WY 2014	**9604**							**3880.3**		
	Oct 2014	456	7.4	1090.04	10860	16	441.94	1453.0	177.6	88	390.0
	Nov 2014	601	10.1	1088.68	10744	-116	443.85	1300.2	238.0	80	396.0
	Dec 2014	491	8.0	1090.34	10887	143	442.27	1297.3	193.7	79	394.7
	Jan 2015	717	11.7	1091.61	10996	110	443.66	973.0	289.3	59	403.4
	Feb 2015	687	12.4	1091.18	10959	-38	439.93	1450.4	272.0	88	395.9
	Mar 2015	1036	16.8	1086.68	10572	-387	437.50	1363.6	409.8	84	395.7
	Apr 2015	1122	18.9	1080.02	10013	-559	434.44	911.2	463.2	57	412.6
	May 2015	1010	16.4	1075.28	9624	-389	427.64	1066.0	395.4	68	391.5

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2147

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2013 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Jun 2012	952	16.0	642.80	1693	-7	140.12	255.0	122.6	100	128.8
H	Jul 2012	805	13.1	642.89	1696	2	143.36	255.0	100.7	100	125.1
I	Aug 2012	744	12.1	643.63	1716	20	142.43	252.5	92.5	99	124.3
S	Sep 2012	723	12.1	639.55	1605	-111	137.86	255.0	96.5	100	133.5
	WY 2012	**9051**							**1153.5**		
T	Oct 2012	556	9.0	630.75	1377	-228	130.98	206.6	68.5	81	123.3
O	Nov 2012	499	8.4	635.82	1507	130	136.16	168.3	67.9	66	136.0
R	Dec 2012	395	6.4	638.30	1572	65	134.78	183.6	44.1	72	111.7
I	Jan 2013	510	8.3	641.20	1650	78	139.33	163.2	63.2	64	123.8
C	Feb 2013	609	11.0	641.78	1665	16	138.67	153.0	76.8	60	126.1
A	Mar 2013	956	15.5	642.06	1673	8	140.26	191.3	120.2	75	125.8
L	Apr 2013	1017	17.1	643.87	1723	49	142.09	252.5	128.5	99	126.3
*	May 2013	959	15.6	644.24	1733	10	143.40	244.8	121.8	96	127.0
	Jun 2013	933	15.7	643.00	1699	-34	136.86	247.4	117.1	97	125.6
	Jul 2013	898	14.6	642.50	1685	-14	135.92	249.9	112.4	98	125.2
	Aug 2013	804	13.1	641.50	1658	-27	134.99	255.0	100.5	100	125.0
	Sep 2013	803	13.5	638.00	1564	-94	132.62	255.0	98.6	100	122.8
	WY 2013	**8939**							**1119.7**		
	Oct 2013	692	11.3	633.00	1434	-130	129.33	214.2	82.9	84	119.8
	Nov 2013	609	10.2	635.00	1486	51	127.83	211.7	72.3	83	118.8
	Dec 2013	484	7.9	638.71	1583	97	130.91	209.1	59.2	82	122.3
	Jan 2014	601	9.8	641.80	1666	83	134.46	209.1	74.9	82	124.6
	Feb 2014	660	11.9	641.80	1666	0	136.08	209.1	82.6	82	125.2
	Mar 2014	958	15.6	643.05	1700	34	135.44	255.0	119.3	100	124.6
	Apr 2014	1076	18.1	643.00	1699	-2	136.07	255.0	133.9	100	124.4
	May 2014	957	15.6	643.00	1699	0	136.04	255.0	119.7	100	125.1
	Jun 2014	919	15.5	642.00	1671	-27	135.51	255.0	114.6	100	124.7
	Jul 2014	835	13.6	641.50	1658	-14	134.73	255.0	104.1	100	124.6
	Aug 2014	787	12.8	641.50	1658	0	134.46	255.0	98.1	100	124.6
	Sep 2014	699	11.7	638.00	1564	-94	132.62	255.0	86.3	100	123.4
	WY 2014	**9278**							**1147.9**		
	Oct 2014	570	9.3	633.00	1434	-130	129.33	214.2	68.7	84	120.5
	Nov 2014	523	8.8	635.00	1486	51	127.83	211.7	62.5	83	119.3
	Dec 2014	367	6.0	638.71	1583	97	130.91	209.1	45.1	82	123.1
	Jan 2015	609	9.9	641.80	1666	83	134.46	209.1	75.8	82	124.5
	Feb 2015	669	12.0	641.80	1666	0	136.08	209.1	83.7	82	125.2
	Mar 2015	973	15.8	643.05	1700	34	135.44	255.0	121.1	100	124.5
	Apr 2015	1093	18.4	643.00	1699	-2	136.07	255.0	135.8	100	124.3
	May 2015	974	15.8	643.00	1699	0	136.04	255.0	121.7	100	125.0

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2013 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Jun 2012	719	12.1	448.23	584	-11	79.00	120.0	49.7	100	69.1
H	Jul 2012	675	11.0	448.91	598	13	82.94	120.0	46.8	100	69.4
I	Aug 2012	568	9.2	448.38	587	-10	80.54	120.0	39.3	100	69.2
S	Sep 2012	548	9.2	446.98	561	-26	81.05	120.0	37.8	100	69.0
	WY 2012	**6652**							**458.2**		
T	Oct 2012	482	7.8	449.31	606	44	83.52	96.0	33.3	80	69.0
O	Nov 2012	348	5.9	448.06	581	-24	82.22	92.4	24.1	77	69.2
R	Dec 2012	289	4.7	446.41	550	-31	80.98	103.2	19.5	86	67.5
I	Jan 2013	352	5.7	448.01	580	30	83.56	102.0	24.4	85	69.4
C	Feb 2013	444	8.0	448.13	583	2	80.52	115.2	31.2	96	70.1
A	Mar 2013	680	11.1	447.58	572	-10	81.73	120.0	46.8	100	68.9
L	Apr 2013	765	12.9	448.35	587	15	82.42	97.2	51.1	81	66.8
*	May 2013	677	11.0	448.76	595	8	80.83	104.4	46.4	87	68.6
	Jun 2013	695	11.7	448.50	590	-5	76.08	117.6	46.3	98	66.6
	Jul 2013	714	11.6	448.50	590	0	75.86	120.0	47.4	100	66.4
	Aug 2013	640	10.4	447.50	570	-19	75.37	120.0	42.1	100	65.8
	Sep 2013	560	9.4	446.81	557	-13	74.55	120.0	36.4	100	64.9
	WY 2013	**6646**							**448.9**		
	Oct 2013	453	7.4	446.31	548	-9	75.37	90.0	29.6	75	65.2
	Nov 2013	378	6.4	446.50	552	3	75.10	92.4	24.4	77	64.5
	Dec 2013	277	4.5	446.50	552	0	75.32	90.0	17.5	75	63.2
	Jan 2014	340	5.5	446.50	552	0	75.19	92.4	21.8	77	64.0
	Feb 2014	450	8.1	446.50	552	0	75.13	93.6	29.3	78	65.3
	Mar 2014	690	11.2	446.70	555	4	75.42	90.0	45.7	75	66.3
	Apr 2014	785	13.2	448.70	593	38	75.34	114.0	52.0	95	66.2
	May 2014	690	11.2	448.70	593	0	76.05	120.0	45.9	100	66.4
	Jun 2014	683	11.5	448.70	593	0	76.05	120.0	45.4	100	66.5
	Jul 2014	716	11.6	448.00	580	-13	75.71	120.0	47.5	100	66.3
	Aug 2014	633	10.3	447.50	571	-9	75.13	120.0	41.5	100	65.6
	Sep 2014	549	9.2	446.81	557	-13	74.55	120.0	35.6	100	64.9
	WY 2014	**6644**							**436.1**		
	Oct 2014	448	7.3	446.31	548	-9	74.77	102.0	28.9	85	64.6
	Nov 2014	376	6.3	446.50	552	3	74.62	102.0	24.1	85	64.1
	Dec 2014	275	4.5	446.50	552	0	74.71	102.0	17.2	85	62.7
	Jan 2015	348	5.7	446.50	552	0	74.71	102.0	22.2	85	63.7
	Feb 2015	458	8.3	446.50	552	0	73.92	120.0	29.4	100	64.2
	Mar 2015	704	11.5	446.70	555	4	74.01	120.0	45.7	100	64.9
	Apr 2015	801	13.5	448.70	593	38	75.08	120.0	52.9	100	66.0
	May 2015	707	11.5	448.70	593	0	76.05	120.0	47.0	100	66.5

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2013 24-Month Study

Most Probable Inflow*

Upper Basin Power

	Date	Glen Canyon 1000 MWHR	Flaming Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Reservoir 1000 MWHR	Fontenelle Reservoir 1000 MWHR
*	Jun 2012	324	34	26	33	19	7
H	Jul 2012	398	33	24	31	18	6
I	Aug 2012	360	31	21	28	16	6
S	Sep 2012	214	27	17	25	12	4
	Summer 2012	**1849**	**232**	**123**	**168**	**94**	**31**
T	Oct 2012	221	20	8	13	6	2
R	Dec 2012	346	27	4	6	2	4
I	Jan 2013	349	28	4	6	2	4
C	Feb 2013	259	25	4	5	1	3
A	Mar 2013	258	20	4	5	2	3
	Winter 2013	**1433**	**121**	**23**	**35**	**12**	**15**
L	Apr 2013	235	19	10	14	8	3
*	May 2013	257	26	15	23	15	3
	Jun 2013	316	49	20	29	15	4
	Jul 2013	333	24	27	36	18	4
	Aug 2013	312	24	26	36	18	4
	Sep 2013	233	24	18	25	13	4
	Summer 2013	**1686**	**166**	**115**	**162**	**86**	**23**
	Oct 2013	231	18	11	16	8	4
	Nov 2013	229	17	3	5	3	4
	Dec 2013	302	18	4	6	3	4
	Jan 2014	298	18	4	6	3	4
	Feb 2014	222	16	3	5	3	3
	Mar 2014	220	18	4	7	4	3
	Winter 2014	**1502**	**104**	**30**	**44**	**25**	**21**
	Apr 2014	219	17	7	13	8	3
	May 2014	221	37	25	39	23	5
	Jun 2014	246	36	9	18	14	8
	Jul 2014	327	23	25	33	18	9
	Aug 2014	344	23	28	35	18	8
	Sep 2014	240	23	25	31	16	3
	Summer 2014	**1596**	**159**	**120**	**170**	**97**	**37**
	Oct 2014	182	23	12	16	9	6
	Nov 2014	189	23	3	5	3	6
	Dec 2014	226	23	8	10	6	6
	Jan 2015	298	23	20	25	13	5
	Feb 2015	223	21	17	23	12	5
	Mar 2015	222	23	9	13	7	5
	Winter 2015	**1119**	**114**	**60**	**78**	**42**	**28**
	Apr 2015	185	23	16	23	13	4
	May 2015	227	42	35	53	23	7

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2013 24-Month Study

Most Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions

Date	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Total KAF	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****EFFECTIVE SPACE****										
Jun 2013	906	431	706	12625	14668	14882	29550	32	25	34	91	12625	14882	27599	1500	936	0	31.4
Jul 2013	871	381	715	12390	14357	15057	29414	-13	-43	-5	-60	12390	15057	27387	1500	915	0	30.8
								****CREDITABLE SPACE****										
Aug 2013	898	422	772	12799	14891	15166	30057	898	422	772	2092	12799	15166	30057	1500	808	0	30.1
Sep 2013	943	479	817	13283	15522	15167	30689	943	479	817	2240	13283	15167	30689	2270	729	0	29.4
Oct 2013	989	513	853	13614	15969	15289	31258	989	513	853	2355	13614	15289	31258	3040	577	0	28.9
Nov 2013	1,010	526	869	13878	16283	15278	31562	1010	526	869	2406	13878	15278	31562	3810	687	0	28.6
Dec 2013	1,022	515	871	14155	16564	15384	31948	1022	515	871	2409	14155	15384	31948	4580	608	0	28.4
Jan 2014	1,043	508	881	14633	17065	15167	32232	1043	508	881	2432	14633	15167	32232	5350	709	0	28.1
								****EFFECTIVE SPACE****										
Jan 2014	1,043	508	881	14633	17065	15167	32232	403	338	356	1097	14633	15167	30897	5350	709	0	28.1
Feb 2014	1,067	504	894	15110	17576	15051	32626	424	335	370	1129	15110	15051	31290	1500	678	0	27.8
Mar 2014	1,083	499	901	15420	17904	15081	32985	438	332	376	1146	15420	15081	31647	1500	1021	0	27.2
Apr 2014	1,065	487	875	15651	18079	15456	33535	415	321	347	1083	15651	15456	32190	1500	1106	0	26.9
May 2014	1,010	459	818	15742	18029	15907	33937	354	292	271	916	15742	15907	32565	1500	993	0	27.6
Jun 2014	964	380	687	14894	16926	16283	33208	299	201	104	605	14894	16283	31781	1500	930	0	28.8
Jul 2014	805	205	670	13703	15383	16588	31970	126	5	35	166	13703	16588	30457	1500	852	0	28.8
								****CREDITABLE SPACE****										
Aug 2014	696	195	691	13761	15344	16629	31973	696	195	691	1583	13761	16629	31973	1500	818	0	28.4
Sep 2014	707	230	724	14157	15818	16540	32358	707	230	724	1661	14157	16540	32358	2270	625	0	28.0
Oct 2014	732	268	736	14345	16081	16533	32614	732	268	736	1736	14345	16533	32614	3040	456	0	27.9
Nov 2014	749	269	732	14350	16100	16517	32617	749	269	732	1750	14350	16517	32617	3810	601	0	27.8
Dec 2014	766	249	735	14416	16166	16633	32799	766	249	735	1750	14416	16633	32799	4580	491	0	27.7
Jan 2015	799	248	742	14623	16412	16490	32902	799	248	742	1789	14623	16490	32902	5350	717	0	27.5
								****EFFECTIVE SPACE****										
Jan 2015	799	248	742	14623	16412	16490	32902	545	248	499	1292	14623	16490	32405	5350	717	0	27.5
Feb 2015	826	289	752	14965	16832	16381	33212	570	289	508	1367	14965	16381	32712	1500	687	0	27.3
Mar 2015	843	325	750	15117	17035	16418	33454	583	325	505	1414	15117	16418	32949	1500	1036	0	27.0
Apr 2015	811	320	698	15160	16989	16805	33794	546	320	450	1316	15160	16805	33281	1500	1122	0	26.9
May 2015	747	300	607	14855	16510	17364	33874	475	300	340	1115	14855	17364	33334	1500	1010	0	28.1

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2147

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July 24-Month Study
Date: July 10, 2013

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

Reservoir	June Inflow (unregulated) (acre-feet)	Percent of Average (%)	July 7 Midnight Elevation (feet)	Reservoir Storage (acre-feet)
Fontenelle	91,000	30	6490.85	233,000
Flaming Gorge	100,000	26	6017.71	2,900,000
Blue Mesa	126,000	48	7468.76	427,000
Navajo	39,000	17	6023.00	940,000
Powell	939,000	35	3598.89	11,644,000

Expected Operations

The operation of Lake Powell and Lake Mead in this July 2013 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines), and reflects the 2013 Annual Operating Plan (AOP). Pursuant to the Interim Guidelines, the August 2012 24-Month Study projections of the January 1, 2013, system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2013.

Consistent with Section 6.B of the Interim Guidelines, the Lake Powell operational tier for water year 2013 is the Upper Elevation Balancing Tier. Since the April 2013 24-Month Study projected end of water year elevation at Lake Powell was below the 2013 Equalization Elevation of 3,646.0 feet and the projected end of water year elevation at Lake Mead was above elevation 1,075.0 feet, Section 6.B.1 and 6.B.4 of the Interim Guidelines provide for an annual release volume of 8.23 million acre-feet (maf) from Lake Powell during water year 2013.

Consistent with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar year 2013.

Consistent with Section 6.C.1 of the Interim Guidelines, if the August 24-Month study projects the January 1, 2014, Lake Powell elevation to be less than 3,575.0 feet and at or above 3,525.0 feet and the Lake Mead elevation to be at or above 1,025.0 feet, the operational tier for Lake Powell in water year 2014 will be the Mid-Elevation Release Tier and the water year release volume from Lake Powell will be 7.48 maf. This July 2013 24-Month study projects that, with an 8.23 maf annual release pattern in water year 2014, the January 1, 2014, Lake Powell elevation would be 3,574.97 feet and the Lake Mead elevation would be 1,105.73 feet. Therefore, the 2014 Lake Powell operational tier is currently projected to be the Mid-Elevation Release Tier with an annual release volume of 7.48 maf. Based on analysis of a range of inflow scenarios, the current probability of realizing an inflow volume that would result in the Mid-Elevation Release Tier in 2014 is slightly greater than 50 percent.

The Interim Guidelines are available for download at
http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The 2013 AOP is available for download at
http://www.usbr.gov/uc/water/rsvrs/ops/aop/AOP13_final.pdf.

Fontenelle Reservoir **–** Inflows to Fontenelle Reservoir for the month of May were 91,000 acre-feet (AF), or 30 percent of average. The reservoir elevation is 6490.02 feet, 66 percent of live capacity. Inflows are averaging 1,400 cubic feet per second (cfs) and are expected to decrease over the next few weeks as base flows enter the reservoir. The peak reservoir elevation based on current projected inflows is approximately 6491 feet. Reservoir releases are currently at 800 cfs, and are projected to decrease to 700 cfs at midmonth. There is the potential for an additional decrease below 700 cfs in September with continued dry conditions. All data is provisional and projections are based on the current forecasted inflow into Flaming Gorge Reservoir. Projections are updated monthly and new projections will be posted as Reclamation acquires additional information.

Inflows for the next three months are projected to be below average: with July, August and September forecasted inflow volumes at 41,000 AF (23% of average), 28,000 AF (37% of average), and 25,000 AF (55% of average), respectively. The Colorado Basin River Forecast Center has issued the official July water supply forecast for the April through July unregulated inflow volume which is 290,000 af or 40 percent of the 1981-2010 thirty-year average.

The next Fontenelle Working Group meeting is scheduled for August 22, 2013, at 10:00 am at the Joint Powers and Water Board in Green River, Wyoming. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir. The spring Fontenelle Working Group meeting was held on April 25, 2013 at Seedskadee National Wildlife Refuge. Minutes from the meeting are posted on the Working Group webpages.

Flaming Gorge Reservoir – Unregulated inflow into Flaming Gorge Reservoir during the month of June was 100,000 acre-feet (af), or 26 percent of average. The reservoir elevation is 6017.85 feet and decreasing. Observed inflows are approximately 500 cubic feet per second (cfs).

Forecasts remain below average and Flaming Gorge Dam is in the dry hydrologic classification for the base flow period as outlined in the Record of Decision (ROD). Flaming Gorge releases are currently 1,100 cfs following a single-peak fluctuation pattern and are anticipated to remain at this level through September 30, 2013, whereupon they will decrease to steady releases of approximately 820 cfs. The minimum reservoir elevation is projected to reach 6013 feet by October and remain close to that level through the winter before increasing next spring to approximately 6016 feet. All data is provisional and projections are based on the current forecasted inflow into Flaming Gorge Reservoir. Projections are updated monthly and new projections will be posted as Reclamation acquires additional information.

Inflows for the next three months are projected to be below average: with July, August and September forecasted inflow volumes at 43,000 AF (20% of average), 28,000 AF (32% of average), and 24,000 AF (44% of average), respectively. The Colorado Basin River Forecast Center has issued the official June water supply forecast for the April through July unregulated inflow volume which is 345,000 af or 35 percent of the 1981-2010 thirty-year average.

Reclamation has completed its involvement in a cooperative experimental program this year where the capture of endangered larval razorback sucker is the "trigger" to increase releases from Flaming Gorge Dam this spring. The official spring hydrologic classification based on the ROD Flow Recommendation was moderately dry. The ROD and experimental targets for Green River flows measured at Jensen, Utah were at or above 8,300 cfs for 7 to 14 days. Green River flows measured at Jensen, Utah were at or above 8,300 cfs for a total of 25 days, 18 days of which days occurred during larval drift. The peak flow at Jensen, Utah was 10,700 cfs occurring on June 6, 2013.

The next Flaming Gorge Working Group meeting is scheduled for August 21, 2013, at 11:00 a.m. at the new Utah Department of Natural Resources building in Vernal, Utah, located at 318 North Vernal Avenue. The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stake holders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations and plans presented by Reclamation at these meetings. For more information on this group and these meetings please contact Ed Vidmar at 801-379-1182.

Aspinall Unit Reservoirs – June unregulated inflow into Blue Mesa Reservoir was 126,000 acre-feet or 48 percent of average. Hydrologic conditions in the basin continued to be very dry during June. Precipitation during June was only 20 percent of average. The basin snowpack has for the most part has been totally depleted. The current inflow rate into Blue Mesa Reservoir is about 700 cfs while reservoir releases are averaging about 1,700 cfs. Blue Mesa's present elevation is 7468.76 feet, which corresponds to a storage content of about 427,000 acre-feet.

The latest Water Supply Forecast for Water Year 2013 has been issued and the April through July unregulated inflow is forecasted to be at 349,000 acre-feet (52% of average). This is a 21,000 acre-feet decrease from last month's forecast. Based on this runoff forecast and the current elevation of Blue Mesa Reservoir, the reservoir is not expected to fill nor is it expected to gain any further elevation raise this year until winter. This year's peak elevation was recorded on June 20th when the reservoir reached elevation 7472.32 feet.

Releases from Crystal are currently set at 1700 cfs. The Gunnison Diversion Tunnel is diverting about 1,000 cfs, which results in a river flow below the diversion tunnel of approximately 700 cfs. These rates will most likely change as conditions warrant, primarily as we respond to changes at the Whitewater gage as flows prescribed in the Aspinall Unit Operations Record of Decision (ROD). The ROD calls for keeping flows at the Whitewater gage at or above 900 cfs.

The next meeting of the "Aspinall Unit Working Group" will be held on Thursday, September 5, 2013 starting at 1:00 PM at the Elk Creek Visitors Center at Blue Mesa Reservoir. At this meeting, review of this spring's reservoir operations, and plans for this summer and fall operations will be discussed. These meetings are open forum discussions on the Aspinall Unit reservoir operations with many interested groups participating. Anyone needing further information about these meetings should contact Dan Crabtree in the Grand Junction Area Office at (970) 248-0652.

Navajo Reservoir – As a result of decreasing tributary inflows into the San Juan River, along with a hot and dry forecast, the Bureau of Reclamation increased the release from Navajo Reservoir to 1,000 cfs on Friday, June 28th. Releases are made for the authorized purposes of the Navajo Unit, and to attempt to maintain a target base flow through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell).

The San Juan River Basin Recovery Implementation Program recommends a target base flow of between 500 cfs and 1,000 cfs through the critical habitat area. The target base flow is calculated as the weekly average of gaged flows throughout the critical habitat area.

Navajo was at 6024.88 ft of pool elevation and 958,077 acre-ft of storage by the end of June, the lowest end-of-June storage since 2003, and the 2nd lowest since 1981. Total observed inflow for the month of June was 46,114 acre-ft, which was 25% of average

(modified-unregulated inflow volume of 39.686 acre-ft, or 17% of average). Calculated evaporation for the month was 3,253 acre-ft. The reservoir gained an an average of 1067 acre-ft per day throughout June. SNOTEL sites above Navajo officially melted out on June 14th. A seasonal peak SWE of 13.9 inches (74% of average seasonal peak) was recorded on March 13th. NIIP diverted a total of 42,120 acre-ft in the month of June. Modified unregulated inflow from April 1st through June 30th into Navajo Reservoir has totaled 265,285 acre-ft.

As of July 7th, the release at Navajo is 1000 cfs, and the weekly averaged observed inflow is 397 cfs. The pool elevation is 6023.0 ft and the content is 940,038 acre-ft, or 55% full. NIIP is diverting at a weekly averaged rate of 588 cfs. The San Juan River at Four Corners is averaging 564 cfs and the Animas River at Farmington is averaging 43 cfs

The most probable modified unregulated inflow forecast for April through July at Navajo is 270,000 acre-ft (36% of average). The minimum probable modified unregulated inflow forecast for April through July at Navajo is 264,000 acre-ft (36% of average). The maximum probable modified unregulated inflow forecast for April through July at Navajo is 278,000 acre-ft (37% of average). No spring peak release was conducted in 2013.

The most recent public meeting was held April 23rd, 2013 at 1:00 PM at the Civic Center in Farmington, New Mexico (200 West Arrington Street). At this meeting, a review of forecasted hydrology, and plans for this spring and summer 2013 operations were discussed. The next public meeting is scheduled for August 27th, 2013. These meetings are open forum discussions on the operation of Navajo Reservoir with many interested groups participating. Anyone interested in the general operation of the reservoir is encouraged to attend. Please contact Ryan Christianson in Reclamation's Durango, Colorado Office at (970) 385-6590 for information about these meetings or the daily operation of Navajo Reservoir.

***Glen Canyon Dam / Lake Powell* –**

Current Status
The unregulated inflow volume to Lake Powell in June was 939 thousand acre-feet (kaf) (35% of average). The release volume from Glen Canyon Dam in June was 800 kaf. The end of June elevation and storage of Lake Powell were 3600.1 feet (99.9 feet from full pool) and 11.76 million acre-feet (maf) (48% of full capacity), respectively. The reservoir elevation peaked in mid-June at 3601.2 ft and is now declining. The elevation will continue to decline through the fall and winter until spring runoff in 2014.

Current Operations
The operating tier for 2013 is the Upper Elevation Balancing Tier, as established in August 2012 and pursuant to the Interim Guidelines. Since the April 2013 projected end of water year elevation at Lake Powell was below the 2013 Equalization Elevation of

3,646.0 feet and the projected end of water year elevation at Lake Mead was above elevation 1,075.0 feet, Section 6.B.1 and 6.B.4 of the Interim Guidelines provide for an annual release volume of 8.23 maf from Lake Powell during water year 2013. Reclamation will schedule operations at Glen Canyon Dam to achieve as practicably as possible an 8.23 maf annual release volume by September 30, 2013.

Releases from Glen Canyon Dam in July are currently averaging approximately 14,000 cfs with daily fluctuations between approximately 10,000 cfs at nighttime and approximately 18,000 cfs during the daytime and consistent with the Glen Canyon Operating Criteria (Federal Register, Volume 62, No. 41, March 3, 1997). The scheduled release volume for July 2013 is 847 kaf.

In August, the release volume will likely be about 800 kaf, with daily fluctuations for hydropower between approximately 9,000 cfs in the nighttime and approximately 17,000 cfs in the daytime. In September, the release volume will likely be about 600 kaf with daily fluctuations between approximately 7,000 cfs and 13,000 cfs.

In addition to daily scheduled fluctuations for power generation, the instantaneous releases from Glen Canyon Dam may also fluctuate to provide 40 MW of system regulation. These instantaneous release adjustments stabilize the electrical generation and transmission system and translate to a range of about 1,200 cfs above or below the hourly scheduled release rate. Typically, fluctuations for system regulation are short lived and generally balance out over the hour with minimal or no noticeable impacts on downstream river flow conditions.

Releases from Glen Canyon Dam can also fluctuate beyond scheduled fluctuations for power generation when called upon as a partner that shares reserve requirements within the electrical generator community (i.e. balancing area). Reserves provide system reliability in the event of an unscheduled outage. Glen Canyon Dam typically maintains 43 MW of reserves (approximately 1,200 cfs). Reserve calls can be maintained for a maximum of 2 hours after which time the generation rate should be returned to the original schedule. If reserves from Glen Canyon Dam are called upon, releases from the dam can exceed scheduled levels and can have a noticeable impact on the river downstream from Glen Canyon Dam. Calls for reserves are fairly infrequent and typically are for much less than 43 MW.

Inflow Forecasts and Model Projections

The hydrologic forecast for Lake Powell for the April to July water supply season projects that the most probable (median) unregulated inflow volume will be 2.67 maf (37% of average based on the period 1981-2010). The April-July most probable forecast decreased from last month and the overall water supply outlook remains significantly below average. Based on the current forecast, the July 24-Month study projects Lake Powell elevation will decline approximately 13 feet from July to September and end the water year at 3587.0 feet with 10.5 maf in storage (43% capacity). The annual release volume from Lake Powell during water year 2013 is scheduled to be 8.23 maf.

Reclamation will schedule operations at Glen Canyon Dam to achieve as practicably as possible an 8.23 maf annual release volume by September 30, 2013.

Consistent with Section 6.C.1 of the Interim Guidelines, if the August 24-Month study projects the January 1, 2014, Lake Powell elevation to be less than 3,575.0 feet and at or above 3,525.0 feet and the Lake Mead elevation to be at or above 1,025.0 feet, the operational tier for Lake Powell in water year 2014 will be the Mid-Elevation Release Tier and the water year release volume from Lake Powell would be 7.48 maf. This July 2013 24-Month study projects that, with an 8.23 maf annual release pattern in water year 2014, the January 1, 2014 Lake Powell elevation would be 3,574.97 feet and the Lake Mead elevation would be 1,105.73 feet. Therefore, the 2014 Lake Powell operational tier is currently projected to be the Mid-Elevation Release Tier with an annual release volume of 7.48 maf. However, if hydrology should become slightly wetter than is currently projected and the August 24-Month Study projects the January 1, 2014 Lake Powell elevation to be more than 3,575.00 feet, the Upper Elevation Balancing Tier will govern and the annual release volume from Lake Powell will be 8.23 maf or possibly greater. Based on analysis of a range of inflow scenarios, the current probability of realizing an inflow volume that would result in the Upper Elevation Balancing Tier is slightly less than 50 percent.

Upper Colorado River Basin Hydrology – Since 2005 the Upper Colorado River Basin has experienced significant year to year hydrologic variability. During the period 2005 through 2012, the unregulated inflow to Lake Powell, which is a good measure of hydrologic conditions in the Colorado River Basin, averaged a water year volume of 10.22 maf (94% of average (period 1981-2010)). The unregulated inflow has ranged from a low of 4.91 maf (45% of average) in water year 2012 to a high of 15.97 maf (147% of average) in water year 2011. This has been an improvement over the persistent drought conditions of 2000 to 2004, which averaged a water year unregulated inflow of 5.73 maf. However, based on observed inflows and current forecasts, water year 2013 unregulated inflow is expected to be 4.43 maf (41% of average), which would be a second below-average year in a row.

At the beginning of water year 2013, total system storage in the Colorado River Basin was 33.9 maf (57 % of capacity), which was an increase of about 4 maf since water year 2005 which began at 29.8 maf (50% of capacity). Since 2005, however, total Colorado Basin storage has experienced year to year increases and decreases in response to wet and dry hydrology. In addition, conditions in both 2012 and 2013 have been significantly drier than average and given observed inflows and current forecasts, the current projected end of water year 2013 total reservoir storage is approximately 22.6 maf (45% of capacity).

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-430
125 SOUTH STATE STREET, ROOM 6107
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-3709

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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:	Obs			jun	Forecast		Outlook		
:	mar	apr	may	jun	%Avg	jul	aug	sep	apr-jul %Avg
GLDA3:Lake Powell	362	355	1122	939	35%:	250/	160/	180/	2670/: 37%
GBRW4:Fontenelle	41	51	108	91	30%:	41/	28/	25/	290/: 40%
GRNU1:Flaming Gorge	64	69	135	100	26%:	43/	28/	24/	345/: 35%
BMDC2:Blue Mesa	23	43	133	126	48%:	47/	33/	25/	349/: 52%
MPSC2:Morrow Point	24	49	148	132	47%:	50/	35/	27/	379/: 51%
CLSC2:Crystal	29	55	161	144	46%:	54/	38/	32/	414/: 50%
TPIC2:Taylor Park	3.5	6.2	21	26	62%:	9.5/	6.5/	5/	63/: 64%
VCRC2:Vallecito	4.2	14.7	49	18.5	26%:	9/	9.5/	9.5/	91/: 47%
NVRN5:Navajo	31	71	154	39	17%:	6/	15/	18/	270/: 37%
LEMC2:Lemon	0.64	3.5	13.5	4.1	20%:	1.8/	2.3/	2.2/	23/: 42%
MPHC2:McPhee	4.8	17.1	50	13.6	18%:	6/	8/	6/	86/: 29%
RBSC2:Ridgway	3.7	7.5	17.3	17.4	44%:	7.5/	5.5/	5.3/	50/: 50%

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2013 24-Month Study

Most Probable Inflow*

Fontenelle Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jul 2012	92	3	72	3	75	6503.94	329
H	Aug 2012	36	2	68	0	68	6499.56	296
I	Sep 2012	23	2	46	8	54	6495.11	263
	WY 2012	**825**	**15**	**750**	**94**	**845**		
S	Oct 2012	29	1	25	28	53	6491.56	238
T	Nov 2012	35	1	22	28	51	6489.08	221
O	Dec 2012	28	1	52	0	52	6485.19	196
R	Jan 2013	23	1	53	0	53	6479.94	166
I	Feb 2013	23	0	48	0	48	6475.03	141
C	Mar 2013	41	0	52	0	52	6472.41	129
A	Apr 2013	51	1	51	0	51	6472.25	128
L	May 2013	108	1	51	0	51	6483.26	185
*	Jun 2013	91	2	47	0	48	6489.79	226
	Jul 2013	41	2	49	0	49	6488.27	217
	Aug 2013	28	2	43	0	43	6485.66	200
	Sep 2013	25	1	40	0	40	6482.93	183
	WY 2013	**522**	**14**	**533**	**57**	**590**		
	Oct 2013	30	1	42	0	42	6480.74	171
	Nov 2013	30	1	40	0	40	6478.77	160
	Dec 2013	24	0	42	0	42	6475.14	142
	Jan 2014	23	0	42	0	42	6470.98	123
	Feb 2014	21	0	37	0	37	6466.90	106
	Mar 2014	38	0	42	0	42	6465.91	103
	Apr 2014	65	1	60	0	60	6467.17	107
	May 2014	126	1	92	0	92	6474.70	140
	Jun 2014	255	2	101	0	101	6499.07	292
	Jul 2014	164	3	101	12	114	6505.23	339
	Aug 2014	63	2	74	0	74	6503.58	326
	Sep 2014	41	2	36	32	68	6499.77	297
	WY 2014	**880**	**14**	**708**	**45**	**753**		
	Oct 2014	45	1	71	0	71	6496.13	270
	Nov 2014	41	1	68	0	68	6492.07	242
	Dec 2014	32	1	71	0	71	6486.06	203
	Jan 2015	30	1	71	0	71	6479.02	162
	Feb 2015	28	0	64	0	64	6471.34	125
	Mar 2015	53	0	71	0	71	6466.89	106
	Apr 2015	85	1	71	0	71	6470.16	120
	May 2015	164	1	99	6	105	6481.96	178
	Jun 2015	299	2	103	45	149	6503.52	326

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2148

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2013 24-Month Study

Most Probable Inflow*

Flaming Gorge Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	Jul 2012	93	76	12	84	0	84	124	6023.04	3088	99
H	Aug 2012	29	60	12	80	0	80	123	6022.19	3058	90
I	Sep 2012	19	50	10	68	0	68	122	6021.43	3030	79
	WY 2012	**990**	**1010**	**78**	**1366**	**20**	**1386**				**2278**
S	Oct 2012	24	48	7	52	0	52	122	6021.15	3020	71
T	Nov 2012	39	55	3	49	0	49	122	6021.23	3023	75
O	Dec 2012	25	50	2	70	0	70	121	6020.63	3002	110
R	Jan 2013	24	53	2	74	0	74	120	6020.03	2981	398
I	Feb 2013	30	55	2	67	0	67	119	6019.65	2967	388
C	Mar 2013	64	76	3	53	0	53	120	6020.19	2986	109
A	Apr 2013	69	69	5	50	0	50	121	6020.57	3000	150
L	May 2013	135	77	7	67	0	67	121	6020.65	3003	438
*	Jun 2013	91	48	10	135	3	138	117	6017.91	2906	382
	Jul 2013	43	51	12	68	0	68	116	6017.11	2879	68
	Aug 2013	28	43	11	68	0	68	114	6016.10	2844	68
	Sep 2013	24	39	10	68	0	68	113	6015.01	2807	68
	WY 2013	**597**	**664**	**74**	**819**	**3**	**823**				**2324**
	Oct 2013	34	46	6	65	0	65	112	6014.26	2782	65
	Nov 2013	36	46	3	51	0	51	112	6014.04	2774	51
	Dec 2013	26	44	2	48	0	48	111	6013.88	2769	48
	Jan 2014	28	47	2	49	0	49	111	6013.76	2765	49
	Feb 2014	32	48	2	49	0	49	111	6013.68	2762	49
	Mar 2014	76	80	3	44	0	44	112	6014.61	2794	44
	Apr 2014	114	109	4	49	0	49	115	6016.16	2846	49
	May 2014	162	128	7	48	0	48	117	6018.22	2917	48
	Jun 2014	280	126	10	102	0	102	118	6018.63	2931	102
	Jul 2014	182	132	12	93	0	93	119	6019.35	2957	93
	Aug 2014	72	83	12	54	0	54	120	6019.82	2973	54
	Sep 2014	48	75	10	54	0	54	120	6020.13	2984	54
	WY 2014	**1090**	**963**	**73**	**706**	**0**	**706**				**706**
	Oct 2014	54	79	7	52	0	52	121	6020.69	3004	52
	Nov 2014	49	77	3	54	0	54	122	6021.22	3023	54
	Dec 2014	35	74	2	52	0	52	122	6021.76	3042	52
	Jan 2015	40	81	2	54	0	54	123	6022.43	3066	54
	Feb 2015	45	81	2	54	0	54	124	6023.09	3090	54
	Mar 2015	102	120	3	49	0	49	127	6024.90	3157	49
	Apr 2015	134	119	5	54	0	54	129	6026.48	3215	54
	May 2015	245	186	8	52	0	52	134	6029.67	3336	52
	Jun 2015	390	239	11	106	0	106	139	6032.69	3454	106

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2013 24-Month Study

Most Probable Inflow*

Taylor Park Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jul 2012	6	14	9307.53	66
H	Aug 2012	4	12	9302.28	58
I	Sep 2012	4	6	9300.80	56
	WY 2012	**80**	**95**		
S	Oct 2012	4	4	9301.04	57
T	Nov 2012	3	3	9301.07	57
O	Dec 2012	3	3	9301.09	57
R	Jan 2013	3	3	9301.07	57
I	Feb 2013	3	3	9301.01	57
C	Mar 2013	3	3	9301.27	57
A	Apr 2013	6	4	9302.94	59
L	May 2013	21	7	9312.29	74
*	Jun 2013	26	12	9320.43	88
	Jul 2013	10	15	9317.14	82
	Aug 2013	7	15	9312.37	74
	Sep 2013	5	12	9308.11	67
	WY 2013	**94**	**83**		
	Oct 2013	5	5	9307.85	67
	Nov 2013	4	4	9307.85	67
	Dec 2013	4	4	9307.72	66
	Jan 2014	3	4	9307.33	66
	Feb 2014	3	4	9306.54	65
	Mar 2014	3	4	9306.00	64
	Apr 2014	6	4	9307.39	66
	May 2014	23	12	9314.23	77
	Jun 2014	37	18	9324.75	96
	Jul 2014	14	20	9321.57	90
	Aug 2014	8	20	9314.82	78
	Sep 2014	7	16	9309.13	69
	WY 2014	**117**	**115**		
	Oct 2014	6	10	9306.71	65
	Nov 2014	5	6	9306.02	64
	Dec 2014	5	6	9305.13	62
	Jan 2015	4	6	9304.00	61
	Feb 2015	4	6	9302.47	59
	Mar 2015	4	6	9301.36	57
	Apr 2015	9	6	9303.31	60
	May 2015	28	12	9313.77	76
	Jun 2015	42	18	9326.78	100

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2013 24-Month Study

Most Probable Inflow*

Blue Mesa Reservoir

	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jul 2012	30	39	1	90	0	90	7469.29	431
H	Aug 2012	28	36	1	79	0	79	7462.48	387
I	Sep 2012	19	21	1	67	0	67	7454.82	340
	WY 2012	**427**	**442**	**7**	**793**	**0**	**793**		
S	Oct 2012	20	20	0	33	0	33	7452.55	327
T	Nov 2012	19	19	0	19	0	19	7452.39	326
O	Dec 2012	18	18	0	16	0	16	7452.65	328
R	Jan 2013	16	16	0	15	0	15	7452.77	328
I	Feb 2013	16	16	0	15	0	15	7452.95	329
C	Mar 2013	23	23	0		0	16	7454.12	336
A	Apr 2013	43	41	1	38	0	38	7454.46	338
L	May 2013	133	119	1	58	0	58	7464.34	399
*	Jun 2013	126	111	1	69	0	69	7470.58	440
	Jul 2013	47	53	1	97	0	97	7463.70	394
	Aug 2013	33	41	1	97	0	97	7454.41	338
	Sep 2013	25	32	1	67	0	67	7448.07	302
	WY 2013	**519**	**508**	**6**	**524**	**0**	**540**		
	Oct 2013	28	28	0	42	0	42	7445.48	288
	Nov 2013	24	24	0	13	0	13	7447.50	299
	Dec 2013	21	21	0	14	0	14	7448.79	306
	Jan 2014	19	20	0	15	0	15	7449.60	310
	Feb 2014	16	17	0	12	0	12	7450.50	315
	Mar 2014	28	29	0	16	0	16	7452.70	328
	Apr 2014	60	58	1	29	0	29	7457.53	356
	May 2014	185	174	1	94	0	94	7469.93	435
	Jun 2014	230	211	1	33	0	33	7493.91	612
	Jul 2014	90	96	1	88	0	88	7494.74	619
	Aug 2014	49	61	1	94	0	94	7490.42	585
	Sep 2014	37	46	1	84	0	84	7485.40	546
	WY 2014	**787**	**785**	**7**	**534**	**0**	**534**		
	Oct 2014	38	41	0	42	0	42	7485.24	545
	Nov 2014	31	32	0	12	0	12	7487.89	565
	Dec 2014	26	27	0	25	0	25	7488.12	567
	Jan 2015	24	26	0	55	0	55	7484.27	538
	Feb 2015	22	25	0	55	0	55	7480.13	507
	Mar 2015	36	38	0	32	0	32	7480.84	512
	Apr 2015	77	74	1	54	0	54	7483.49	532
	May 2015	221	205	1	120	0	120	7494.34	616
	Jun 2015	261	237	1	62	0	62	7514.95	789

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2148

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2013 24-Month Study

Most Probable Inflow*

Morrow Point Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jul 2012	31	90	0	90	89	0	89	7155.86	114
H	Aug 2012	28	79	0	80	80	0	80	7154.84	113
I	Sep 2012	19	67	0	68	71	0	71	7150.03	109
	WY 2012	**447**	**793**	**21**	**814**	**811**	**0**	**811**		
S	Oct 2012	22	33	1	34	40	0	40	7142.80	104
T	Nov 2012	20	19	1	20	16	0	16	7148.49	108
O	Dec 2012	18	16	1	17	18	0	18	7146.50	106
R	Jan 2013	17	15	1	16	17	0	17	7144.75	105
I	Feb 2013	17	15	1	15	16	0	16	7144.30	105
C	Mar 2013	24	16	1	17	17	0	17	7144.36	105
A	Apr 2013	49	38	6	44	42	0	42	7146.71	107
L	May 2013	148	58	15	72	67	0	67	7154.02	112
*	Jun 2013	132	69	6	75	75	0	75	7154.39	113
	Jul 2013	50	97	3	100	101	0	101	7153.73	112
	Aug 2013	35	97	2	99	99	0	99	7153.73	112
	Sep 2013	27	67	2	69	69	0	69	7153.73	112
	WY 2013	**558**	**540**	**39**	**579**	**576**	**0**	**576**		
	Oct 2013	30	42	2	44	44	0	44	7153.73	112
	Nov 2013	26	13	2	15	15	0	15	7153.73	112
	Dec 2013	23	14	2	16	16	0	16	7153.73	112
	Jan 2014	21	15	2	17	17	0	17	7153.73	112
	Feb 2014	18	12	2	14	14	0	14	7153.73	112
	Mar 2014	31	16	3	19	19	0	19	7153.73	112
	Apr 2014	69	29	9	38	38	0	38	7153.73	112
	May 2014	206	94	21	115	115	0	115	7153.73	112
	Jun 2014	246	33	16	49	49	0	49	7153.73	112
	Jul 2014	94	88	4	92	92	0	92	7153.73	112
	Aug 2014	51	94	2	96	96	0	96	7153.73	112
	Sep 2014	40	84	3	87	87	0	87	7153.73	112
	WY 2014	**855**	**534**	**68**	**602**	**602**	**0**	**602**		
	Oct 2014	40	42	3	45	45	0	45	7153.73	112
	Nov 2014	33	12	2	14	14	0	14	7153.73	112
	Dec 2014	28	25	2	27	27	0	27	7153.73	112
	Jan 2015	27	55	2	57	57	0	57	7153.73	112
	Feb 2015	25	55	3	58	58	0	58	7153.73	112
	Mar 2015	40	32	4	36	36	0	36	7153.73	112
	Apr 2015	88	54	11	65	65	0	65	7153.73	112
	May 2015	247	120	26	146	146	0	146	7153.73	112
	Jun 2015	281	62	20	82	82	0	82	7153.73	112

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2013 24-Month Study

Most Probable Inflow*

Crystal Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
*	Jul 2012	35	89	4	93	93	0	93	6745.39	15	62	36
H	Aug 2012	32	80	3	84	84	0	84	6743.63	14	52	38
I	Sep 2012	22	71	2	74	63	11	74	6743.29	14	45	33
	WY 2012	**498**	**811**	**51**	**862**	**824**	**38**	**862**			**397**	**497**
S	Oct 2012	24	40	3	42	40	0	40	6750.72	16	20	20
T	Nov 2012	23	16	4	19	21	0	21	6746.77	15	1	19
O	Dec 2012	22	18	4	22	22	0	22	6749.11	16	1	20
R	Jan 2013	20	17	4	21	19	2	21	6747.09	15	0	20
I	Feb 2013	20	16	3	19	10	9	19	6745.57	15	0	19
C	Mar 2013	29	17	5	21	22	0	22	6744.50	15	0	22
A	Apr 2013	55	42	7	49	51	0	51	6738.38	13	33	20
L	May 2013	161	67	13	80	80	0	80	6736.96	13	66	18
*	Jun 2013	144	75	11	86	84	0	84	6744.76	15	65	25
	Jul 2013	54	101	4	105	102	0	102	6753.04	17	65	37
	Aug 2013	38	99	3	102	102	0	102	6753.04	17	65	37
	Sep 2013	32	69	5	74	74	0	74	6753.04	17	55	19
	WY 2013	**623**	**576**	**65**	**640**	**626**	**12**	**637**			**371**	**278**
	Oct 2013	35	44	5	49	49	0	49	6753.04	17	30	19
	Nov 2013	30	15	4	19	19	0	19	6753.04	17	0	19
	Dec 2013	26	16	3	19	19	0	19	6753.04	17	0	19
	Jan 2014	23	17	2	19	19	0	19	6753.04	17	0	19
	Feb 2014	21	14	3	17	17	0	17	6753.04	17	0	17
	Mar 2014	36	19	5	24	24	0	24	6753.04	17	5	19
	Apr 2014	79	38	10	48	48	0	48	6753.04	17	30	18
	May 2014	233	115	27	142	134	8	142	6753.04	17	55	87
	Jun 2014	275	49	29	78	78	0	78	6753.04	17	60	18
	Jul 2014	104	92	10	102	102	0	102	6753.04	17	65	37
	Aug 2014	58	96	7	103	103	0	103	6753.04	17	65	38
	Sep 2014	45	87	5	92	92	0	92	6753.04	17	55	37
	WY 2014	**965**	**602**	**110**	**712**	**704**	**8**	**712**			**365**	**347**
	Oct 2014	46	45	5	50	50	0	50	6753.04	17	30	20
	Nov 2014	38	14	4	18	18	0	18	6753.04	17	0	18
	Dec 2014	32	27	5	32	32	0	32	6753.04	17	0	32
	Jan 2015	31	57	5	62	62	0	62	6753.04	17	0	62
	Feb 2015	29	58	4	61	61	0	61	6753.04	17	0	61
	Mar 2015	46	36	6	42	42	0	42	6753.04	17	5	37
	Apr 2015	101	65	12	78	78	0	78	6753.04	17	30	48
	May 2015	281	146	34	180	134	46	180	6753.04	17	55	125
	Jun 2015	315	82	34	116	116	0	116	6753.04	17	60	56

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2013 24-Month Study

Most Probable Inflow*

Vallecito Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jul 2012	11	35	7647.02	80
H	Aug 2012	7	33	7634.93	54
I	Sep 2012	4	22	7624.48	36
	WY 2012	**168**	**188**		
S	Oct 2012	3	3	7624.51	36
T	Nov 2012	3	1	7625.69	37
O	Dec 2012	3	0	7627.33	40
R	Jan 2013	3	0	7629.10	43
I	Feb 2013	3	0	7630.60	46
C	Mar 2013	4	0	7632.64	50
A	Apr 2013	15	1	7639.26	63
L	May 2013	49	31	7647.20	80
*	Jun 2013	19	35	7639.75	64
	Jul 2013	9	37	7624.38	35
	Aug 2013	10	29	7608.13	16
	Sep 2013	10	10	7607.98	16
	WY 2013	**131**	**149**		
	Oct 2013	9	9	7607.89	15
	Nov 2013	6	0	7613.43	21
	Dec 2013	5	0	7617.37	26
	Jan 2014	4	0	7620.19	29
	Feb 2014	4	0	7622.44	33
	Mar 2014	6	0	7625.95	38
	Apr 2014	19	0	7636.16	56
	May 2014	66	2	7663.00	120
	Jun 2014	63	58	7664.59	124
	Jul 2014	26	42	7658.49	108
	Aug 2014	18	38	7650.38	88
	Sep 2014	15	30	7643.96	73
	WY 2014	**240**	**180**		
	Oct 2014	14	17	7642.51	70
	Nov 2014	8	4	7644.26	74
	Dec 2014	6	4	7645.05	75
	Jan 2015	5	4	7645.43	76
	Feb 2015	5	4	7645.76	77
	Mar 2015	9	3	7648.06	82
	Apr 2015	23	3	7656.23	102
	May 2015	71	48	7664.97	125
	Jun 2015	70	70	7664.92	125

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2013 24-Month Study

Most Probable Inflow*

Navajo Reservoir

	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azetea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Farmington Flow (1000 Ac-Ft)
*	Jul 2012	10	1	33	4	44	52	6045.91	1178	60
H	Aug 2012	0	0	26	3	45	55	6038.86	1101	47
I	Sep 2012	-2	0	17	2	22	58	6032.62	1035	56
	WY 2012	**523**	**53**	**490**	**26**	**236**	**521**			**814**
S	Oct 2012	3	0	3	1	11	40	6027.78	986	43
T	Nov 2012	9	0	7	1	0	23	6026.11	970	32
O	Dec 2012	12	0	9	0	0	22	6024.73	957	30
R	Jan 2013	14	0	11	0	0	20	6023.77	947	
I	Feb 2013	13	0	10	1	0	19	6022.74	938	36
C	Mar 2013	31	1	26	1	6	22	6022.39	934	33
A	Apr 2013	71	7	53	2	21	36	6021.77	928	40
L	May 2013	154	17	118	3	36	17	6028.15	990	93
*	Jun 2013	40	8	46	3	42	33	6024.88	958	50
	Jul 2013	6	1	33	3	50	57	6016.72	882	57
	Aug 2013	15	0	35	2	44	54	6009.25	816	54
	Sep 2013	18	0	18	2	25	38	6003.70	769	38
	WY 2013	**386**	**34**	**369**	**20**	**235**	**380**			**505**
	Oct 2013	25	0	25	1	6	28	6002.47	759	28
	Nov 2013	23	0	17	1	0	25	6001.42	750	25
	Dec 2013	18	0	13	0	0	26	5999.77	737	26
	Jan 2014	16	0	12	0	0	26	5997.98	723	26
	Feb 2014	21	0	18	0	0	24	5997.17	716	24
	Mar 2014	65	2	57	1	2	24	6001.02	747	24
	Apr 2014	123	14	90	2	18	16	6007.59	801	16
	May 2014	238	37	137	2	33	15	6017.38	888	15
	Jun 2014	174	32	137	3	48	15	6024.93	959	15
	Jul 2014	60	6	69	3	53	28	6023.34	943	28
	Aug 2014	45	2	63	3	46	48	6019.79	910	48
	Sep 2014	42	0	56	2	26	39	6018.59	899	39
	WY 2014	**850**	**94**	**695**	**19**	**232**	**314**			**314**
	Oct 2014	46	1	48	1	7	31	6019.52	907	31
	Nov 2014	33	1	28	1	0	30	6019.30	905	30
	Dec 2014	25	0	23	0	0	31	6018.42	897	31
	Jan 2015	22	0	21	0	0	31	6017.30	887	31
	Feb 2015	30	0	29	1	0	28	6017.42	888	28
	Mar 2015	92	2	84	1	2	31	6022.83	938	31
	Apr 2015	170	14	136	2	18	30	6031.60	1025	30
	May 2015	277	37	217	3	33	48	6044.08	1158	48
	Jun 2015	224	32	191	4	49	92	6048.10	1203	92

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2013 24-Month Study

Most Probable Inflow*

Lake Powell

	Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry Gage (1000 Ac-Ft)
*	Jul 2012	154	285	62	886	0	886	3628.45	5228	14680	892
H	Aug 2012	101	289	60	800	0	800	3623.62	5186	14151	810
I	Sep 2012	104	296	54	481	0	481	3621.56	5168	13929	478
	WY 2012	**4908**	**5964**	**455**	**9466**	**0**	**9466**				**9527**
S	Oct 2012	190	294	37	498	0	498	3619.46	5150	13706	495
T	Nov 2012	246	273	35	652	78	730	3615.10	5114	13251	736
O	Dec 2012	201	247	27	801	0	801	3609.82	5071	12713	800
R	Jan 2013	168	230	8	801	0	801	3604.42	5028	12177	801
I	Feb 2013	262	300	9	600	0	600	3601.47	5005	11891	595
C	Mar 2013	362	357	14	601	0	601	3598.96	4986	11651	594
A	Apr 2013	355	326	22	551	0	551	3596.53	4967	11422	547
L	May 2013	1122	925	26	602	0	602	3599.44	4989	11697	591
*	Jun 2013	939	907	42	800	0	800	3600.07	4994	11757	790
	Jul 2013	250	424	49	847	0	847	3595.43	4959	11319	866
	Aug 2013	160	347	48	800	0	800	3590.39	4922	10856	821
	Sep 2013	180	311	43	600	0	600	3586.96	4898	10548	614
	WY 2013	**4435**	**4939**	**361**	**8152**	**78**	**8230**				**8250**
	Oct 2013	300	354	29	480	0	480	3585.34	4886	10404	491
	Nov 2013	330	336	28	500	0	500	3583.32	4872	10226	509
	Dec 2013	250	273	22	600	0	600	3579.57	4846	9903	612
	Jan 2014	250	277	7	800	0	800	3573.74	4807	9413	813
	Feb 2014	300	316	7	600	0	600	3570.45	4785	9144	610
	Mar 2014	490	409	11	600	0	600	3568.13	4770	8957	611
	Apr 2014	770	599	18	500	0	500	3569.07	4776	9032	512
	May 2014	2000	1642	22	600	0	600	3580.43	4852	9976	611
	Jun 2014	2000	1546	38	600	0	600	3589.96	4919	10817	611
	Jul 2014	820	756	47	800	0	800	3589.04	4912	10734	819
	Aug 2014	390	467	46	800	0	800	3585.11	4884	10383	821
	Sep 2014	310	387	42	600	0	600	3582.41	4865	10147	614
	WY 2014	**8210**	**7363**	**316**	**7480**	**0**	**7480**				**7634**
	Oct 2014	430	426	28	480	0	480	3581.52	4859	10071	491
	Nov 2014	435	418	27	500	0	500	3580.35	4851	9969	509
	Dec 2014	363	385	22	600	0	600	3577.77	4834	9750	612
	Jan 2015	361	414	6	800	0	800	3573.42	4805	9387	813
	Feb 2015	393	432	7	600	0	600	3571.46	4792	9225	610
	Mar 2015	665	550	11	600	0	600	3570.76	4787	9169	611
	Apr 2015	1056	844	19	500	0	500	3574.43	4811	9470	512
	May 2015	2343	1890	23	600	0	600	3588.02	4905	10643	611
	Jun 2015	2666	2134	40	600	0	600	3602.86	5016	12025	611

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2013 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Glen Release (1000 Ac-Ft)	Side Inflow Glen to Hoover (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Jul 2012	886	69	77	841	13.7	29	819	858	1115.92	13207
H	Aug 2012	800	169	82	798	13.0	24	793	862	1116.56	13269
I	Sep 2012	481	97	67	635	10.7	18	634	854	1115.16	13135
	WY 2012	**9466**	**730**	**638**	**9421**		**227**	**9356**			
S	Oct 2012	498	53	49	346	5.6	20	331	862	1116.50	13263
T	Nov 2012	730	60	49	650	10.9	14	649	867	1117.24	13334
O	Dec 2012	801	50	43	476	7.7	11	432	886	1120.36	13636
R	Jan 2013	801	56	35	609	9.9	9	591	899	1122.32	13828
I	Feb 2013	600	68	32	646	11.6	8	644	898	1122.14	13810
C	Mar 2013	601	69	36	987	16.1	15	986	875	1118.59	13465
A	Apr 2013	551	37	44	1103	18.5	20	1102	840	1112.91	12921
L	May 2013	602	28	50	1007	16.4	27	1008	812	1108.36	12495
*	Jun 2013	800	2	59	948	15.9	29	947	798	1105.98	12276
	Jul 2013	847	55	73	891	14.5	29	891	792	1105.04	12190
	Aug 2013	800	109	77	821	13.3	23	821	792	1104.91	12178
	Sep 2013	600	81	64	703	11.8	19	703	785	1103.84	12080
	WY 2013	**8230**	**669**	**611**	**9186**		**225**	**9103**			
	Oct 2013	480	54	46	579	9.4	17	579	779	1102.71	11979
	Nov 2013	500	44	46	661	11.1	24	661	767	1100.76	11804
	Dec 2013	600	99	39	582	9.5	19	582	771	1101.38	11859
	Jan 2014	800	81	32	718	11.7	16	718	778	1102.58	11967
	Feb 2014	600	94	30	687	12.4	18	687	775	1102.15	11928
	Mar 2014	600	77	33	1030	16.8	21	1030	750	1097.87	11546
	Apr 2014	500	80	40	1115	18.7	14	1115	714	1091.56	10992
	May 2014	600	64	45	1002	16.3	24	1002	690	1087.11	10609
	Jun 2014	600	33	54	939	15.8	22	939	666	1082.86	10249
	Jul 2014	800	55	67	861	14.0	28	861	660	1081.72	10154
	Aug 2014	800	109	71	827	13.5	23	827	659	1081.58	10142
	Sep 2014	600	81	58	634	10.7	19	634	657	1081.24	10114
	WY 2014	**7480**	**870**	**562**	**9637**		**245**	**9637**			
	Oct 2014	480	54	42	465	7.6	17	465	658	1081.35	10123
	Nov 2014	500	44	42	610	10.3	23	610	650	1079.86	9999
	Dec 2014	600	99	37	500	8.1	18	500	659	1081.49	10135
	Jan 2015	800	81	30	726	11.8	16	726	665	1082.71	10237
	Feb 2015	600	94	28	696	12.5	18	696	662	1082.17	10191
	Mar 2015	600	77	31	1045	17.0	22	1045	637	1077.40	9797
	Apr 2015	500	80	37	1132	19.0	14	1132	600	1070.39	9231
	May 2015	600	64	42	1019	16.6	24	1019	574	1065.36	8835
	Jun 2015	600	33	49	955	16.0	23	955	550	1060.55	8465

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2013 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Jul 2012	841	-9	25	805	0	805	13.1	642.89	1696
H	Aug 2012	798	-11	23	744	0	744	12.1	643.63	1716
I	Sep 2012	635	-5	18	723	0	723	12.1	639.55	1605
	WY 2012	**9421**	**-177**	**197**	**9051**	**0**	**9051**			
S	Oct 2012	346	-3	14	556	0	556	9.0	630.75	1377
T	Nov 2012	650	-11	10	499	0	499	8.4	635.82	1507
O	Dec 2012	476	-6	9	395	0	395	6.4	638.30	1572
R	Jan 2013	609	-11	10	510	0	510	8.3	641.20	1650
I	Feb 2013	646	-12	10	609	0	609	11.0	641.78	1665
C	Mar 2013	987	-11	13	956	0	956	15.5	642.06	1673
A	Apr 2013	1103	-20	17	1017	0	1017	17.1	643.87	1723
L	May 2013	1007	-15	22	959	0	959	15.6	644.24	1733
*	Jun 2013	948	-16	26	928	0	928	15.6	643.45	1711
	Jul 2013	891	-5	25	886	0	886	14.4	642.50	1685
	Aug 2013	821	-8	23	803	0	803	13.1	642.00	1671
	Sep 2013	703	-1	18	791	0	791	13.3	638.00	1564
	WY 2013	**9186**	**-120**	**197**	**8909**	**0**	**8909**			
	Oct 2013	579	0	15	694	0	694	11.3	633.00	1434
	Nov 2013	661	-16	10	583	0	583	9.8	635.00	1486
	Dec 2013	582	-17	9	458	0	458	7.4	638.71	1583
	Jan 2014	718	-16	10	610	0	610	9.9	641.80	1666
	Feb 2014	687	-8	10	669	0	669	12.0	641.80	1666
	Mar 2014	1030	-16	13	967	0	967	15.7	643.05	1700
	Apr 2014	1115	-15	17	1085	0	1085	18.2	643.00	1699
	May 2014	1002	-14	22	966	0	966	15.7	643.00	1699
	Jun 2014	939	-12	25	929	0	929	15.6	642.00	1671
	Jul 2014	861	-5	25	845	0	845	13.7	641.50	1658
	Aug 2014	827	-8	23	797	0	797	13.0	641.50	1658
	Sep 2014	634	-1	18	708	0	708	11.9	638.00	1564
	WY 2014	**9637**	**-129**	**197**	**9311**	**0**	**9311**			
	Oct 2014	465	0	15	580	0	580	9.4	633.00	1434
	Nov 2014	610	-16	10	533	0	533	9.0	635.00	1486
	Dec 2014	500	-17	9	376	0	376	6.1	638.71	1583
	Jan 2015	726	-16	10	618	0	618	10.1	641.80	1666
	Feb 2015	696	-8	10	678	0	678	12.2	641.80	1666
	Mar 2015	1045	-16	13	982	0	982	16.0	643.05	1700
	Apr 2015	1132	-15	17	1102	0	1102	18.5	643.00	1699
	May 2015	1019	-14	22	983	0	983	16.0	643.00	1699
	Jun 2015	955	-12	25	944	0	944	15.9	642.00	1671

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2013 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	Jul 2012	805	46	17	675	11.0	101	34	448.91	598	124	2.0
H	Aug 2012	744	26	17	568	9.2	100	85	448.38	587	97	1.6
I	Sep 2012	723	31	15	548	9.2	74	137	446.98	561	90	1.5
	WY 2012	**9051**	**290**	**140**	**6652**		**723**	**1763**			**1435**	
S	Oct 2012	556	34	12	482	7.8	14	32	449.31	606	70	1.1
T	Nov 2012	499	27	9	348	5.9	14	174	448.06	581	88	1.5
O	Dec 2012	395	21	7	289	4.7	15	132	446.41	550	132	2.2
R	Jan 2013	510	17	6	352	5.7	57	80	448.01	580	143	2.3
I	Feb 2013	609	4	8	444	8.0	7	147	448.13	583	158	2.8
C	Mar 2013	956	7	9	680	11.1	98	180	447.58	572	191	3.1
A	Apr 2013	1017	14	11	765	12.9	84	148	448.35	587	185	3.1
L	May 2013	959	20	13	677	11.0	97	174	448.76	595	95	1.5
*	Jun 2013	928	10	16	688	11.6	100	130	448.45	589	98	1.7
	Jul 2013	886	25	17	702	11.4	99	79	448.50	589	103	1.7
	Aug 2013	803	24	17	629	10.2	99	79	448.00	580	92	1.5
	Sep 2013	791	23	15	562	9.4	96	154	446.81	557	102	1.7
	WY 2013	**8909**	**227**	**140**	**6618**		**780**	**1509**			**1456**	
	Oct 2013	694	26	12	456	7.4	99	155	446.31	548	65	1.1
	Nov 2013	583	32	8	380	6.4	80	137	446.50	552	99	1.7
	Dec 2013	458	26	6	279	4.5	82	112	446.50	552	105	1.7
	Jan 2014	610	16	6	340	5.5	98	176	446.50	552	125	2.0
	Feb 2014	669	10	8	450	8.1	88	127	446.50	552	156	2.8
	Mar 2014	967	17	9	690	11.2	98	175	446.70	555	201	3.3
	Apr 2014	1085	21	11	785	13.2	95	169	448.70	593	212	3.6
	May 2014	966	20	13	690	11.2	98	173	448.70	593	111	1.8
	Jun 2014	929	15	16	683	11.5	95	137	448.70	593	109	1.8
	Jul 2014	845	25	17	716	11.6	98	38	448.00	580	111	1.8
	Aug 2014	797	24	17	633	10.3	98	70	447.50	571	105	1.7
	Sep 2014	708	23	15	549	9.2	70	101	446.81	557	102	1.7
	WY 2014	**9311**	**256**	**139**	**6650**		**1100**	**1571**			**1500**	
	Oct 2014	580	26	12	448	7.3	24	124	446.31	548	65	1.1
	Nov 2014	533	32	8	376	6.3	24	147	446.50	552	99	1.7
	Dec 2014	376	26	6	275	4.5	24	92	446.50	552	105	1.7
	Jan 2015	618	16	6	348	5.7	98	176	446.50	552	125	2.0
	Feb 2015	678	10	8	458	8.3	88	127	446.50	552	156	2.8
	Mar 2015	982	17	9	704	11.5	98	175	446.70	555	201	3.3
	Apr 2015	1102	21	11	801	13.5	95	169	448.70	593	212	3.6
	May 2015	983	20	13	707	11.5	98	173	448.70	593	111	1.8
	Jun 2015	944	15	16	698	11.7	95	137	448.70	593	109	1.8

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2013 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Jul 2012	841	13.7	1115.92	13207	8	471.23	1374.0	349.7	76	415.6
H	Aug 2012	798	13.0	1116.56	13269	61	471.53	1809.0	331.4	100	415.2
I	Sep 2012	635	10.7	1115.16	13135	-134	473.98	1809.0	261.9	100	412.2
	WY 2012	**9421**							**3985.6**		
S	Oct 2012	346	5.6	1116.50	13263	128	476.50	1051.0	141.3	58	409.0
T	Nov 2012	650	10.9	1117.24	13334	71	473.22	1051.0	276.3	58	424.7
O	Dec 2012	476	7.7	1120.36	13636	302	475.06	1520.0	198.5	84	417.3
R	Jan 2013	609	9.9	1122.32	13828	192	474.10	1062.0	259.8	59	426.6
I	Feb 2013	646	11.6	1122.14	13810	-18	475.07	1072.0	276.4	59	427.6
C	Mar 2013	987	16.1	1118.59	13465	-346	472.93	1073.0	425.6	59	431.1
A	Apr 2013	1103	18.5	1112.91	12921	-544	463.52	1042.0	467.6	57	423.9
L	May 2013	1007	16.4	1108.36	12495	-426	463.02	1353.0	419.9	75	417.1
*	Jun 2013	948	15.9	1105.98	12276	-219	460.72	1726.0	388.1	97	409.5
	Jul 2013	891	14.5	1105.04	12190	-85	451.84	1753.0	366.5	100	411.4
	Aug 2013	821	13.3	1104.91	12178	-12	451.79	1726.0	334.6	100	407.6
	Sep 2013	703	11.8	1103.84	12080	-98	452.66	1718.0	282.7	100	402.1
	WY 2013	**9186**							**3837.1**		
	Oct 2013	579	9.4	1102.71	11979	-102	456.40	1317.0	232.7	77	402.1
	Nov 2013	661	11.1	1100.76	11804	-175	456.68	1285.0	268.3	75	406.0
	Dec 2013	582	9.5	1101.38	11859	55	454.06	1310.0	233.2	76	400.8
	Jan 2014	718	11.7	1102.58	11967	108	457.04	634.0	309.5	37	430.9
	Feb 2014	687	12.4	1102.15	11928	-39	452.30	1284.0	281.0	74	408.9
	Mar 2014	1030	16.8	1097.87	11546	-383	448.18	1481.0	416.0	87	403.7
	Apr 2014	1115	18.7	1091.56	10992	-553	443.29	1338.0	455.4	80	408.3
	May 2014	1002	16.3	1087.11	10609	-383	437.82	1339.0	395.9	81	394.9
	Jun 2014	939	15.8	1082.86	10249	-359	431.79	1634.0	366.4	100	390.2
	Jul 2014	861	14.0	1081.72	10154	-96	429.61	1631.0	336.7	100	390.9
	Aug 2014	827	13.5	1081.58	10142	-12	429.13	1637.0	321.7	100	388.8
	Sep 2014	634	10.7	1081.24	10114	-28	430.03	1638.0	239.9	100	378.4
	WY 2014	**9637**							**3856.7**		
	Oct 2014	465	7.6	1081.35	10123	9	433.36	1437.0	178.8	88	384.6
	Nov 2014	610	10.3	1079.86	9999	-124	434.40	1416.0	236.9	87	388.1
	Dec 2014	500	8.1	1081.49	10135	135	431.19	1195.3	192.6	76	385.3
	Jan 2015	726	11.8	1082.71	10237	102	430.39	578.7	278.9	37	384.0
	Feb 2015	696	12.5	1082.17	10191	-45	429.72	1171.1	268.9	74	386.2
	Mar 2015	1045	17.0	1077.40	9797	-394	426.68	1345.6	399.6	87	382.5
	Apr 2015	1132	19.0	1070.39	9231	-566	420.46	1205.1	432.9	80	382.5
	May 2015	1019	16.6	1065.36	8835	-396	414.51	1201.3	377.0	81	369.9
	Jun 2015	955	16.0	1060.55	8465	-370	409.97	1456.7	347.3	100	363.9

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2013 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Jul 2012	805	13.1	642.89	1696	2	143.36	255.0	100.7	100	125.1
H	Aug 2012	744	12.1	643.63	1716	20	142.43	252.5	92.5	99	124.3
I	Sep 2012	723	12.1	639.55	1605	-111	137.86	255.0	96.5	100	133.5
	WY 2012	**9051**							**1153.5**		
S	Oct 2012	556	9.0	630.75	1377	-228	130.98	206.6	68.5	81	123.3
T	Nov 2012	499	8.4	635.82	1507	130	136.16	168.3	67.9	66	136.0
O	Dec 2012	395	6.4	638.30	1572	65	134.78	183.6	44.1	72	111.7
R	Jan 2013	510	8.3	641.20	1650	78	139.33	163.2	63.2	64	123.8
I	Feb 2013	609	11.0	641.78	1665	16	138.67	153.0	76.8	60	126.1
C	Mar 2013	956	15.5	642.06	1673	8	140.26	191.3	120.2	75	125.8
A	Apr 2013	1017	17.1	643.87	1723	49	142.09	252.5	128.5	99	126.3
L	May 2013	959	15.6	644.24	1733	10	143.40	244.8	121.8	96	127.0
*	Jun 2013	928	15.6	643.45	1711	-22	141.69	247.4	116.9	97	126.0
	Jul 2013	886	14.4	642.50	1685	-26	136.15	249.9	111.2	98	125.4
	Aug 2013	803	13.1	642.00	1671	-14	135.25	255.0	100.6	100	125.2
	Sep 2013	791	13.3	638.00	1564	-107	132.89	255.0	97.4	100	123.1
	WY 2013	**8909**							**1117.1**		
	Oct 2013	694	11.3	633.00	1434	-130	129.33	214.2	83.1	84	119.8
	Nov 2013	583	9.8	635.00	1486	51	127.83	211.7	69.4	83	119.0
	Dec 2013	458	7.4	638.71	1583	97	130.91	209.1	56.1	82	122.4
	Jan 2014	610	9.9	641.80	1666	83	134.46	209.1	76.0	82	124.5
	Feb 2014	669	12.0	641.80	1666	0	136.08	209.1	83.7	82	125.2
	Mar 2014	967	15.7	643.05	1700	34	135.44	255.0	120.5	100	124.5
	Apr 2014	1085	18.2	643.00	1699	-2	136.07	255.0	134.9	100	124.3
	May 2014	966	15.7	643.00	1699	0	136.04	255.0	120.8	100	125.1
	Jun 2014	929	15.6	642.00	1671	-27	135.51	255.0	115.7	100	124.6
	Jul 2014	845	13.7	641.50	1658	-14	134.73	255.0	105.2	100	124.6
	Aug 2014	797	13.0	641.50	1658	0	134.46	255.0	99.2	100	124.6
	Sep 2014	708	11.9	638.00	1564	-94	132.62	255.0	87.4	100	123.4
	WY 2014	**9311**							**1152.0**		
	Oct 2014	580	9.4	633.00	1434	-130	129.33	214.2	69.8	84	120.5
	Nov 2014	533	9.0	635.00	1486	51	127.83	211.7	63.5	83	119.3
	Dec 2014	376	6.1	638.71	1583	97	130.91	209.1	46.2	82	123.0
	Jan 2015	618	10.1	641.80	1666	83	134.46	209.1	76.9	82	124.5
	Feb 2015	678	12.2	641.80	1666	0	136.08	209.1	84.8	82	125.1
	Mar 2015	982	16.0	643.05	1700	34	135.44	255.0	122.2	100	124.5
	Apr 2015	1102	18.5	643.00	1699	-2	136.07	255.0	136.9	100	124.3
	May 2015	983	16.0	643.00	1699	0	136.04	255.0	122.8	100	125.0
	Jun 2015	944	15.9	642.00	1671	-27	135.51	255.0	117.6	100	124.6

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Managing Water in the West

July 2013 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Jul 2012	675	11.0	448.91	598	13	82.94	120.0	46.8	100	69.4
H	Aug 2012	568	9.2	448.38	587	-10	80.54	120.0	39.3	100	69.2
I	Sep 2012	548	9.2	446.98	561	-26	81.05	120.0	37.8	100	69.0
	WY 2012	**6652**							**458.2**		
S	Oct 2012	482	7.8	449.31	606	44	83.52	96.0	33.3	80	69.0
T	Nov 2012	348	5.9	448.06	581	-24	82.22	92.4	24.1	77	69.2
O	Dec 2012	289	4.7	446.41	550	-31	80.98	103.2	19.5	86	67.5
R	Jan 2013	352	5.7	448.01	580	30	83.56	102.0	24.4	85	69.4
I	Feb 2013	444	8.0	448.13	583	2	80.52	115.2	31.2	96	70.1
C	Mar 2013	680	11.1	447.58	572	-10	81.73	120.0	46.8	100	68.9
A	Apr 2013	765	12.9	448.35	587	15	82.42	97.2	51.1	81	66.8
L	May 2013	677	11.0	448.76	595	8	80.83	104.4	46.4	87	68.6
*	Jun 2013	688	11.6	448.45	589	-6	82.20	117.6	47.4	98	68.9
	Jul 2013	702	11.4	448.50	589	1	75.83	120.0	46.5	100	66.3
	Aug 2013	629	10.2	448.00	580	-9	75.61	120.0	41.5	100	65.9
	Sep 2013	562	9.4	446.81	557	-23	74.79	120.0	36.6	100	65.1
	WY 2013	**6618**							**448.8**		
	Oct 2013	456	7.4	446.31	548	-9	75.37	90.0	29.7	75	65.2
	Nov 2013	380	6.4	446.50	552	3	75.10	92.4	24.5	77	64.5
	Dec 2013	279	4.5	446.50	552	0	75.32	90.0	17.6	75	63.2
	Jan 2014	340	5.5	446.50	552	0	75.19	92.4	21.8	77	64.0
	Feb 2014	450	8.1	446.50	552	0	75.13	93.6	29.3	78	65.3
	Mar 2014	690	11.2	446.70	555	4	75.42	90.0	45.7	75	66.3
	Apr 2014	785	13.2	448.70	593	38	75.34	114.0	52.0	95	66.2
	May 2014	690	11.2	448.70	593	0	76.05	120.0	45.9	100	66.4
	Jun 2014	683	11.5	448.70	593	0	76.05	120.0	45.4	100	66.5
	Jul 2014	716	11.6	448.00	580	-13	75.71	120.0	47.5	100	66.3
	Aug 2014	633	10.3	447.50	571	-9	75.13	120.0	41.5	100	65.6
	Sep 2014	549	9.2	446.81	557	-13	74.55	120.0	35.6	100	64.9
	WY 2014	**6650**							**436.6**		
	Oct 2014	448	7.3	446.31	548	-9	74.77	102.0	28.9	85	64.6
	Nov 2014	376	6.3	446.50	552	3	74.62	102.0	24.1	85	64.1
	Dec 2014	275	4.5	446.50	552	0	74.71	102.0	17.2	85	62.7
	Jan 2015	348	5.7	446.50	552	0	74.71	102.0	22.2	85	63.7
	Feb 2015	458	8.3	446.50	552	0	73.92	120.0	29.4	100	64.2
	Mar 2015	704	11.5	446.70	555	4	74.01	120.0	45.7	100	64.9
	Apr 2015	801	13.5	448.70	593	38	75.08	120.0	52.9	100	66.0
	May 2015	707	11.5	448.70	593	0	76.05	120.0	47.0	100	66.5
	Jun 2015	698	11.7	448.70	593	0	76.05	120.0	46.5	100	66.5

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2013 24-Month Study

Most Probable Inflow*

Upper Basin Power

	Date	Glen Canyon 1000 MWHR	Flaming Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Reservoir 1000 MWHR	Fontenelle Reservoir 1000 MWHR
*	Jul 2012	398	33	24	31	18	6
H	Aug 2012	360	31	21	28	16	6
I	Sep 2012	214	27	17	25	12	4
	Summer 2012	**1849**	**232**	**123**	**168**	**94**	**31**
S	Oct 2012	221	20	8	13	6	2
O	Dec 2012	346	27	4	6	2	4
R	Jan 2013	349	28	4	6	2	4
I	Feb 2013	259	25	4	5	1	3
C	Mar 2013	258	20	4	5	2	3
	Winter 2013	**1433**	**121**	**23**	**35**	**12**	**15**
A	Apr 2013	235	19	10	14	8	3
L	May 2013	257	26	15	23	15	3
*	Jun 2013	344	52	18	26	16	3
	Jul 2013	332	24	27	36	17	4
	Aug 2013	310	24	26	36	18	3
	Sep 2013	232	24	18	25	13	3
	Summer 2013	**1710**	**169**	**113**	**160**	**87**	**20**
	Oct 2013	184	23	11	16	8	3
	Nov 2013	191	18	3	5	3	3
	Dec 2013	227	17	4	6	3	3
	Jan 2014	299	18	4	6	3	3
	Feb 2014	224	18	3	5	3	2
	Mar 2014	222	16	4	7	4	3
	Winter 2014	**1348**	**109**	**29**	**45**	**25**	**17**
	Apr 2014	185	18	8	14	8	4
	May 2014	224	17	26	41	23	6
	Jun 2014	229	37	10	18	13	8
	Jul 2014	309	33	26	33	18	10
	Aug 2014	308	19	28	35	18	7
	Sep 2014	229	19	25	31	16	3
	Summer 2014	**1483**	**144**	**122**	**172**	**96**	**38**
	Oct 2014	183	19	12	16	9	6
	Nov 2014	190	19	3	5	3	6
	Dec 2014	226	19	7	10	5	6
	Jan 2015	299	19	16	21	11	5
	Feb 2015	223	20	16	21	11	4
	Mar 2015	222	18	9	13	7	5
	Winter 2015	**1120**	**96**	**55**	**72**	**39**	**28**
	Apr 2015	185	20	16	23	13	5
	May 2015	227	19	35	53	23	7
	Jun 2015	234	39	19	30	20	9

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2148

Processed On: 7/9/2013 3:48:46PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2013 24-Month Study

Most Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions

Date	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Total KAF	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****EFFECTIVE SPACE****										
Jul 2013	960	390	738	12565	14653	15101	29755	-25	-50	-23	-98	12565	15101	27569	1500	891	0	30.4
								****CREDITABLE SPACE****										
Aug 2013	998	435	814	13003	15250	15187	30437	998	435	814	2248	13003	15187	30437	1500	821	0	29.7
Sep 2013	1,050	492	880	13466	15889	15199	31087	1050	492	880	2422	13466	15199	31087	2270	703	0	29.0
Oct 2013	1,103	528	927	13774	16333	15297	31629	1103	528	927	2558	13774	15297	31629	3040	579	0	28.6
Nov 2013	1,141	542	937	13918	16538	15398	31936	1141	542	937	2620	13918	15398	31936	3810	661	0	28.2
Dec 2013	1,159	531	946	14096	16731	15573	32305	1159	531	946	2636	14096	15573	32305	4580	582	0	28.0
Jan 2014	1,183	524	959	14419	17085	15518	32603	1183	524	959	2665	14419	15518	32603	5350	718	0	27.7
								****EFFECTIVE SPACE****										
Jan 2014	1,183	524	959	14419	17085	15518	32603	440	341	373	1153	14419	15518	31091	5350	718	0	27.7
Feb 2014	1,206	519	973	14909	17607	15410	33017	461	337	387	1184	14909	15410	31504	1500	687	0	27.4
Mar 2014	1,225	514	980	15178	17897	15449	33346	478	333	392	1203	15178	15449	31831	1500	1030	0	26.9
Apr 2014	1,198	502	949	15365	18014	15831	33845	446	321	359	1126	15365	15831	32323	1500	1115	0	26.6
May 2014	1,140	473	895	15290	17798	16385	34183	382	290	285	956	15290	16385	32631	1500	1002	0	27.5
Jun 2014	1,037	394	808	14346	16585	16768	33353	267	199	163	629	14346	16768	31743	1500	939	0	28.4
Jul 2014	871	217	737	13505	15330	17128	32458	89	2	41	132	13505	17128	30765	1500	861	0	28.2
								****CREDITABLE SPACE****										
Aug 2014	798	211	753	13588	15350	17223	32573	798	211	753	1761	13588	17223	32573	1500	827	0	27.8
Sep 2014	794	245	786	13939	15764	17235	32999	794	245	786	1825	13939	17235	32999	2270	634	0	27.3
Oct 2014	813	283	797	14175	16068	17263	33331	813	283	797	1893	14175	17263	33331	3040	465	0	27.1
Nov 2014	819	285	789	14251	16144	17254	33398	819	285	789	1893	14251	17254	33398	3810	610	0	26.9
Dec 2014	829	265	791	14353	16237	17378	33615	829	265	791	1884	14353	17378	33615	4580	500	0	26.9
Jan 2015	849	263	799	14572	16483	17242	33725	849	263	799	1911	14572	17242	33725	5350	726	0	26.7
								****EFFECTIVE SPACE****										
Jan 2015	849	263	799	14572	16483	17242	33725	640	263	458	1360	14572	17242	33174	5350	726	0	26.7
Feb 2015	866	292	809	14935	16902	17140	34043	653	292	467	1412	14935	17140	33488	1500	696	0	26.4
Mar 2015	879	323	808	15097	17106	17186	34292	662	323	466	1451	15097	17186	33733	1500	1045	0	26.1
Apr 2015	831	317	758	15153	17059	17580	34639	609	317	412	1338	15153	17580	34071	1500	1132	0	26.1
May 2015	759	298	671	14852	16580	18146	34726	529	298	306	1133	14852	18146	34131	1500	1019	0	27.3
Jun 2015	580	214	538	13679	15012	18542	33554	336	214	137	687	13679	18542	32908	1500	955	0	28.8

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2148

Processed On: 7/9/2013 3:48:46PM

August 24-Month Study
Date: August 16, 2013

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

Reservoir	July Inflow (unregulated) (acre-feet)	Percent of Average (%)	August 11 Midnight Elevation (feet)	Reservoir Storage (acre-feet)
Fontenelle	67,000	38	6491.83	239,000
Flaming Gorge	66,000	31	6016.53	2,859,000
Blue Mesa	44,000	38	7461.50	381,000
Navajo	2,000	3	6016.36	878,000
Powell	143,000	13	3592.53	11,051,000

Expected Operations

The operation of Lake Powell and Lake Mead in this August 2013 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines), and reflects the 2013 Annual Operating Plan (AOP). Pursuant to the Interim Guidelines, the August 2012 24-Month Study projections of the January 1, 2013, system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2013.

Consistent with Section 6.B of the Interim Guidelines, the Lake Powell operational tier for water year 2013 is the Upper Elevation Balancing Tier. Since the April 2013 24-Month Study projected end of water year elevation at Lake Powell was below the 2013 Equalization Elevation of 3,646.0 feet and the projected end of water year elevation at Lake Mead was above elevation 1,075.0 feet, Section 6.B.1 and 6.B.4 of the Interim Guidelines provide for an annual release volume of 8.23 million acre-feet (maf) from Lake Powell during water year 2013.

Consistent with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar year 2013.

Consistent with Section 6.C.1 of the Interim Guidelines, if the August 24-Month study projects the January 1, 2014, Lake Powell elevation to be less than 3,575.0 feet and at or above 3,525.0 feet and the Lake Mead elevation to be at or above 1,025.0 feet, the operational tier for Lake Powell in water year 2014 will be the Mid-Elevation Release Tier and the water year release volume from Lake Powell will be 7.48 maf. This August 2013 24-Month study projects that, with an 8.23 maf annual release pattern in water year 2014, the January 1, 2014, Lake Powell elevation would be 3,573.69 feet and the Lake Mead elevation would be 1,107.39 feet. Therefore, consistent with Section 6.C.1 of the Interim Guidelines, the Lake Powell operational tier for water year 2014 is the Mid-Elevation Release Tier with an annual release volume of 7.48 maf. This determination will be documented in the 2014 AOP, which is currently in the final stages of development.

The Interim Guidelines are available for download at
http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The 2013 AOP is available for download at
http://www.usbr.gov/uc/water/rsvrs/ops/aop/AOP13.pdf.
The Draft 2014 AOP is available for download at
http://www.usbr.gov/lc/region/g4000/AOP2014/AOP14_draft.pdf.

Fontenelle Reservoir **–** Inflows to Fontenelle Reservoir for the month of July were 67,000 acre-feet (AF), or 38 percent of average. The reservoir elevation is 6492.02 feet, 70 percent of live capacity. Inflows are averaging 600 cubic feet per second (cfs) and are expected to continue to decrease over the next month. The peak reservoir elevation occurred on July 22 at elevation 6492.29 feet. Reservoir releases are currently at 700 cfs and are projected to remain at this level through the winter and next spring.

Inflows for the next three months are projected to be below average: with August, September and October forecasted inflow volumes at 30,000 AF (39% of average), 25,000 AF (55% of average), and 30,000 AF (62% of average), respectively. The observed April through July unregulated inflow volume is 317,000 af or 44 percent of the 1981-2010 thirty-year average.

The next Fontenelle Working Group meeting is scheduled for August 22, 2013, at 10:00 am at the Joint Powers and Water Board in Green River, Wyoming. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir. The spring Fontenelle Working Group meeting was held on April 25, 2013 at Seedskadee National Wildlife Refuge. Minutes from the meeting are posted on the Working Group webpages.

Flaming Gorge Reservoir – Unregulated inflow into Flaming Gorge Reservoir during the month of July was 66,000 acre-feet (AF), or 31 percent of average. The reservoir elevation is 6016.63 feet and decreasing. Observed inflows are approximately 500 cubic feet per second (cfs).

Forecasts remain below average and Flaming Gorge Dam is in the dry hydrologic classification for the base flow period as outlined in the Record of Decision (ROD). Flaming Gorge releases are currently 1,100 cfs following a single-peak fluctuation pattern and are anticipated to remain at this level through September 30, 2013, whereupon they will decrease to steady releases of approximately 820 cfs. The minimum reservoir elevation is projected to reach 6014 feet by October and remain close to that level through the winter before increasing to a peak elevation next year of 6020.94 feet.

Inflows for the next three months are projected to be below average: with August, September and October forecasted inflow volumes at 30,000 AF (34% of average), 24,000 AF (44% of average), and 28,000 AF (47% of average), respectively. The observed April through July unregulated inflow volume is 361,000 AF or 37 percent of the 1981-2010 thirty-year average.

The next Flaming Gorge Working Group meeting is scheduled for August 21, 2013, at 11:00 a.m. at the new Utah Department of Natural Resources building in Vernal, Utah, located at 318 North Vernal Avenue. The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stake holders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations and plans presented by Reclamation at these meetings. For more information on this group and these meetings please contact Ed Vidmar at 801-379-1182.

Aspinall Unit Reservoirs – July unregulated inflow into Blue Mesa Reservoir was 44,000 acre-feet or 38 percent of average. Hydrologic conditions in the basin had a break from the dry conditions as summer thunderstorms brought in some much needed precipitation during the month. May, June, and July precipitation was 95, 15, and 150 percent of average respectively. The current inflow rate into Blue Mesa Reservoir is about 1100 cfs while reservoir releases are averaging about 1,600 cfs.

Blue Mesa's present elevation is 7461.89 feet, which corresponds to a storage content of about 383,000 acre-feet. The observed April through July runoff into Blue Mesa Reservoir was recorded at 346,500 acre-feet, or 51 percent of average. The reservoir reached a high elevation of 7472.32 feet on June 20, 2013, which was approximately 47.1 feet below "full" pool. Full pool is defined by the top of the spillway gates at elevation 7519.4 feet. Rarely is the reservoir filled to that level due to safety. For practical purposes; the reservoir is considered full at elevations above 7516.4 feet.

Releases from Crystal are currently set at 1450 cfs. The Gunnison Diversion Tunnel is diverting about 950 cfs, which results in a river flow below the diversion tunnel of approximately 500 cfs. These rates will most likely change as conditions warrant,

primarily as we respond to changes at the Whitewater gage as flows prescribed in the Aspinall Unit Operations Record of Decision (ROD). The ROD calls for keeping flows at the Whitewater gage at or above 900 cfs.

The next meeting of the "Aspinall Unit Working Group" will be held on Thursday, September 5, 2013 starting at 1:00 PM at the Elk Creek Visitors Center at Blue Mesa Reservoir. At this meeting, review of this spring's reservoir operations, and plans for this summer and fall operations will be discussed. These meetings are open forum discussions on the Aspinall Unit reservoir operations with many interested groups participating. Anyone needing further information about these meetings should contact Dan Crabtree in the Grand Junction Area Office at (970) 248-0652.

Navajo Reservoir – As a result of increasing flows in the San Juan River Basin, and continued forecasted precipitation, the Bureau of Reclamation decreased the release from Navajo Reservoir from 600 cfs (cubic feet per second) to 500 cfs on Thursday, August 8th at 7:00 a.m. Releases are made for the authorized purposes of the Navajo Unit, and to attempt to maintain a target base flow through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell).

The San Juan River Basin Recovery Implementation Program recommends a target base flow of between 500 cfs and 1,000 cfs through the critical habitat area. The target base flow is calculated as the weekly average of gaged flows throughout the critical habitat area.

Navajo was at 6017.5 feet of pool elevation and 889,119 acre-feet of storage by the end of July, the lowest end-of-July storage since 2003, and the 2nd lowest since 1981. Total observed inflow for the month of July was 25,167 acre-feet, which was 24% of average (modified-unregulated inflow volume of 1,880 acre-feet, or 3% of average). Calculated evaporation for the month was 3,238 acre-ft. The reservoir lost an average of 2200 acre-feet per day throughout July, including NIIP and evaporation. The outlet works release ranged from 1000 cfs at the beginning of the month to as low as 500 cfs by mid-month as monsoonal moisture picked up. NIIP diverted a total of 39,993 acre-feet in the month of July. Modified unregulated inflow for April-July totaled 267,000 which is 36% of average.

As of August 5th, the release at Navajo is 750 cfs, and the observed inflow is 1,100 cfs. The pool elevation is 6016.53 feet and the content is 879,920 acre-feet, or 52% full. NIIP is diverting at a rate of 725 cfs. The San Juan River at Four Corners USGS gage is at 703 cfs and the Animas River at Farmington USGS gage is reading 230 cfs.

The most probable modified-unregulated inflow forecast for August at Navajo is 16,000 acre-feet (36% of average), for September is 19,000 acre-feet (45% of average), and for October is 20,000 acre-feet (42% of average). Modified unregulated inflow is defined as the predicted hydrologic inflow volume into Navajo plus the change in storage at Vallecito Reservoir and the San-Juan Chama diversion volume.

The next public meeting is scheduled for August 27th, 2013. These meetings are open forum discussions on the operation of Navajo Reservoir with many interested groups participating. Anyone interested in the general operation of the reservoir is encouraged to attend. Please contact Ryan Christianson in Reclamation's Durango, Colorado Office at (970) 385-6590 for information about these meetings or the daily operation of Navajo Reservoir.

***Glen Canyon Dam / Lake Powell* –**

Current Status
The unregulated inflow volume to Lake Powell in July was 143 thousand acre-feet (kaf) (13% of average). The release volume from Glen Canyon Dam in July was 848 kaf. The end of July elevation and storage of Lake Powell were 3594.2 feet (106 feet from full pool) and 11.20 million acre-feet (maf) (46% of full capacity), respectively. The reservoir elevation peaked in mid-June at 3601.2 ft and is now declining. The elevation will continue to decline through the fall and winter until spring runoff in 2014.

Current Operations
The operating tier for 2013 is the Upper Elevation Balancing Tier, as established in August 2012 and pursuant to the Interim Guidelines. Since the April 2013 projected end of water year elevation at Lake Powell was below the 2013 Equalization Elevation of 3,646.0 feet and the projected end of water year elevation at Lake Mead was above elevation 1,075.0 feet, Section 6.B.1 and 6.B.4 of the Interim Guidelines provide for an annual release volume of 8.23 maf from Lake Powell during water year 2013. Reclamation will schedule operations at Glen Canyon Dam to achieve as practicably as possible an 8.23 maf annual release volume by September 30, 2013.

Releases from Glen Canyon Dam in August are currently averaging approximately 13,000 cfs with daily fluctuations between approximately 9,000 cfs at nighttime and approximately 17,000 cfs during the daytime and consistent with the Glen Canyon Operating Criteria (Federal Register, Volume 62, No. 41, March 3, 1997). The scheduled release volume for August 2013 is 800 kaf.

In September, the release volume will likely be about 600 kaf, with daily fluctuations for hydropower between approximately 7,000 cfs in the nighttime and approximately 13,000 cfs in the daytime. In October, the release volume will likely be about 480 kaf with daily fluctuations between approximately 5,000 cfs and 10,000 cfs. In addition to daily scheduled fluctuations for power generation, the instantaneous releases from Glen Canyon Dam may also fluctuate to provide 40 MW of system regulation. These instantaneous release adjustments stabilize the electrical generation and transmission system and translate to a range of about 1,200 cfs above or below the hourly scheduled release rate. Under system normal conditions, fluctuations for regulation are typically short lived and generally balance out over the hour with minimal or no noticeable impacts on downstream river flow conditions.

Releases from Glen Canyon Dam can also fluctuate beyond scheduled fluctuations for power generation when called upon as a partner that shares reserve requirements within the electrical generator community (i.e. balancing area). Reserves provide system reliability in the event of an unscheduled outage. Glen Canyon Dam typically maintains 43 MW of reserves (approximately 1,200 cfs). Reserve calls can be maintained for a maximum of 2 hours after which time the generation rate should be returned to the original schedule. If reserves from Glen Canyon Dam are called upon, releases from the dam can exceed scheduled levels and can have a noticeable impact on the river downstream from Glen Canyon Dam. Calls for reserves are fairly infrequent and typically are for much less than 43 MW.

Inflow Forecasts and Model Projections

The hydrologic forecast for Lake Powell, issued by the Colorado Basin River Forecast Center, projects that the most probable (median) unregulated inflow volume for water year 2013 will be 4.33 maf (40% of average based on the period 1981-2010). The water year 2013 forecast decreased from last month, due to significantly below average inflows in July. Based on the current forecast, the August 24-Month study projects Lake Powell elevation will decline approximately 8 feet through August and September and end the water year at 3585.7 feet with 10.4 maf in storage (43% capacity). The annual release volume from Lake Powell during water year 2013 is scheduled to be 8.23 maf. Reclamation will schedule operations at Glen Canyon Dam to achieve as practicably as possible an 8.23 maf annual release volume by September 30, 2013.

The hydrologic forecast for Lake Powell for water year 2014 projects that the most probable (median) unregulated inflow volume will be 8.32 maf (77% of average based on the period 1981-2010). At this early point in the season, there is significant uncertainty regarding next year's water supply. The forecast ranges from a minimum probable (90% exceedence) of 5.0 maf (46% of average) to a maximum probable (10% exceedence) of 15.5 maf (143% of average). There is a 10% chance that inflows could be higher than the maximum probable and a 10% chance they could be lower than the minimum probable.

Consistent with Section 6.C.1 of the Interim Guidelines, if the August 24-Month study projects the January 1, 2014, Lake Powell elevation to be less than 3,575.0 feet and at or above 3,525.0 feet and the Lake Mead elevation to be at or above 1,025.0 feet, the operational tier for Lake Powell in water year 2014 will be the Mid-Elevation Release Tier and the water year release volume from Lake Powell would be 7.48 maf. The August 2013 24-Month study projects that, with an 8.23 maf annual release pattern in water year 2014, the January 1, 2014, Lake Powell elevation would be 3,573.69 feet and the Lake Mead elevation would be 1,107.39 feet. Therefore, consistent with Section 6.C.1 of the Interim Guidelines, the Lake Powell operational tier for water year 2014 is the Mid-Elevation Release Tier with an annual release volume of 7.48 maf. This determination will be documented in the 2014 AOP, which is currently in the final stages of development.

Upper Colorado River Basin Hydrology – Since 2005 the Upper Colorado River Basin has experienced significant year to year hydrologic variability. During the period 2005 through 2012, the unregulated inflow to Lake Powell, which is a good measure of hydrologic conditions in the Colorado River Basin, averaged a water year volume of 10.22 maf (94% of average (period 1981-2010)). The unregulated inflow has ranged from a low of 4.91 maf (45% of average) in water year 2012 to a high of 15.97 maf (147% of average) in water year 2011. This has been an improvement over the persistent drought conditions of 2000 to 2004, which averaged a water year unregulated inflow of 5.73 maf. However, based on observed inflows and current forecasts, water year 2013 unregulated inflow is expected to be 4.33 maf (40% of average), which would be a second significantly below-average year in a row. If this occurs, the period 2000-2013 would be the driest 14-year period on record with an average annual unregulated inflow of 8.20 maf per year. (For comparison, the standard 1981-2010 period average is 10.83 maf).

At the beginning of water year 2013, total system storage in the Colorado River Basin was 33.9 maf (57 % of capacity), which was an increase of about 4 maf since water year 2005 which began at 29.8 maf (50% of capacity). Since 2005, however, total Colorado Basin storage has experienced year to year increases and decreases in response to wet and dry hydrology. In addition, conditions in both 2012 and 2013 have been significantly drier than average and based on observed inflows and current forecasts, the current projected end of water year 2013 total Colorado Basin reservoir storage is approximately 29.0 maf (49% of capacity).

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-430
125 SOUTH STATE STREET, ROOM 6107
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-3709

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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:	Obs			jul	Forecast			Observed	
:	apr	may	jun	jul	%Avg	aug	sep	oct	apr-jul	%Avg
GLDA3:Lake Powell	355	1122	939	143	13%:	160/	180/	300/	2559/:	36%
GBRW4:Fontenelle	51	108	91	67	38%:	30/	25/	30/	317/:	44%
GRNU1:Flaming Gorge	69	135	91	66	31%:	30/	24/	28/	361/:	37%
BMDC2:Blue Mesa	43	133	126	44	38%:	35/	26/	26/	346/:	51%
MPSC2:Morrow Point	49	148	132	45	37%:	36/	27/	27/	374/:	51%
CLSC2:Crystal	55	161	144	48	35%:	40/	32/	32/	408/:	49%
TPIC2:Taylor Park	6.2	21	26	9.2	46%:	6.5/	5/	5/	62/:	63%
VCRC2:Vallecito	14.7	49	19.3	7.9	27%:	9.5/	10/	9/	91/:	47%
NVRN5:Navajo	71	154	40	1.88	3%:	16/	19/	20/	267/:	36%
LEMC2:Lemon	3.5	13.5	4.1	1.69	25%:	2.2/	2.2/	1.5/	23/:	42%
MPHC2:McPhee	17.1	50	13.6	6.4	28%:	8/	6/	5.5/	87/:	29%
RBSC2:Ridgway	7.5	17.3	17.4	9.0	35%:	6.5/	5.8/	5.5/	51/:	50%

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2013 24-Month Study

Most Probable Inflow*

Fontenelle Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Aug 2012	36	2	68	0	68	6499.56	296
H	Sep 2012	23	2	46	8	54	6495.11	263
	WY 2012	**825**	**15**	**750**	**94**	**845**		
I	Oct 2012	29	1	25	28	53	6491.56	238
S	Nov 2012	35	1	22	28	51	6489.08	221
T	Dec 2012	28	1	52	0	52	6485.19	196
O	Jan 2013	23	1	53	0	53	6479.94	166
R	Feb 2013	23	0	48	0	48	6475.03	141
I	Mar 2013	41	0	52	0	52	6472.41	129
C	Apr 2013	51	1	51	0	51	6472.25	128
A	May 2013	108	1	51	0	51	6483.26	185
L	Jun 2013	91	2	47	0	48	6489.79	226
*	Jul 2013	67	2	48	0	48	6492.28	243
	Aug 2013	30	2	44	0	44	6489.73	227
	Sep 2013	25	2	42	0	42	6487.01	209
	WY 2013	**551**	**14**	**535**	**57**	**592**		
	Oct 2013	30	1	43	0	43	6484.79	195
	Nov 2013	30	1	42	0	42	6482.75	182
	Dec 2013	23	1	43	0	43	6479.06	162
	Jan 2014	22	0	43	0	43	6474.71	140
	Feb 2014	21	0	39	0	39	6470.65	122
	Mar 2014	38	0	43	0	43	6469.36	116
	Apr 2014	65	1	74	0	74	6466.92	107
	May 2014	128	1	92	0	92	6474.91	141
	Jun 2014	260	2	101	0	101	6499.88	298
	Jul 2014	165	3	101	18	118	6505.53	342
	Aug 2014	62	2	74	0	74	6503.75	328
	Sep 2014	41	2	36	32	68	6499.95	299
	WY 2014	**885**	**14**	**731**	**50**	**781**		
	Oct 2014	45	1	71	0	71	6496.32	272
	Nov 2014	41	1	68	0	68	6492.27	243
	Dec 2014	32	1	71	0	71	6486.27	204
	Jan 2015	30	1	71	0	71	6479.28	163
	Feb 2015	28	0	64	0	64	6471.65	126
	Mar 2015	53	0	71	0	71	6467.23	108
	Apr 2015	85	1	71	0	71	6470.48	121
	May 2015	164	1	99	6	105	6482.19	179
	Jun 2015	299	2	103	76	179	6499.83	298
	Jul 2015	178	3	101	31	132	6505.32	340

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2013 24-Month Study

Most Probable Inflow*

Flaming Gorge Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	Aug 2012	29	60	12	80	0	80	123	6022.19	3058	90
H	Sep 2012	19	50	10	68	0	68	122	6021.43	3030	79
	WY 2012	**990**	**1010**	**78**	**1366**	**20**	**1386**				**2278**
I	Oct 2012	24	48	7	52	0	52	122	6021.15	3020	71
S	Nov 2012	39	55	3	49	0	49	122	6021.23	3023	75
T	Dec 2012	25	50	2	70	0	70	121	6020.63	3002	219
O	Jan 2013	24	53	2	74	0	74	120	6020.03	2981	579
R	Feb 2013	30	55	2	67	0	67	119	6019.65	2967	415
I	Mar 2013	64	76	3	53	0	53	120	6020.19	2986	109
C	Apr 2013	69	69	5	50	0	50	121	6020.57	3000	150
A	May 2013	135	77	7	67	0	67	121	6020.65	3003	438
L	Jun 2013	91	48	10	135	3	138	117	6017.91	2906	375
*	Jul 2013	66	47	12	68	0	68	116	6016.99	2875	100
	Aug 2013	30	44	11	68	0	68	114	6016.02	2841	68
	Sep 2013	24	41	10	65	0	65	113	6015.04	2808	65
	WY 2013	**621**	**663**	**74**	**817**	**3**	**820**				**2664**
	Oct 2013	28	41	6	51	0	51	112	6014.58	2793	51
	Nov 2013	32	44	3	48	0	48	112	6014.38	2786	48
	Dec 2013	23	43	2	49	0	49	112	6014.16	2778	49
	Jan 2014	27	48	2	49	0	49	112	6014.08	2776	49
	Feb 2014	32	50	2	44	0	44	112	6014.18	2779	44
	Mar 2014	78	83	3	49	0	49	113	6015.07	2809	49
	Apr 2014	113	122	4	48	0	48	116	6017.05	2877	48
	May 2014	165	129	7	102	0	102	117	6017.62	2896	102
	Jun 2014	285	126	10	94	0	94	117	6018.24	2918	94
	Jul 2014	187	140	12	56	0	56	120	6020.21	2987	56
	Aug 2014	72	84	12	56	0	56	121	6020.65	3003	56
	Sep 2014	48	75	10	54	0	54	121	6020.94	3013	54
	WY 2014	**1090**	**986**	**73**	**700**	**0**	**700**				**700**
	Oct 2014	54	79	7	56	0	56	122	6021.39	3029	56
	Nov 2014	49	77	3	54	0	54	123	6021.91	3048	54
	Dec 2014	35	74	2	56	0	56	123	6022.34	3063	56
	Jan 2015	40	81	2	56	0	56	124	6022.95	3085	56
	Feb 2015	45	81	2	51	0	51	125	6023.70	3112	51
	Mar 2015	102	120	3	56	0	56	128	6025.30	3171	56
	Apr 2015	134	119	5	54	0	54	130	6026.86	3230	54
	May 2015	245	186	8	108	0	108	133	6028.65	3297	108
	Jun 2015	390	269	11	158	0	158	136	6031.16	3394	158
	Jul 2015	210	165	14	98	0	98	138	6032.45	3445	98

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2013 24-Month Study

Most Probable Inflow*

Taylor Park Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Aug 2012	4	12	9302.28	58
H	Sep 2012	4	6	9300.80	56
	WY 2012	**80**	**95**		
I	Oct 2012	4	4	9301.04	57
S	Nov 2012	3	3	9301.07	57
T	Dec 2012	3	3	9301.09	57
O	Jan 2013	3	3	9301.07	57
R	Feb 2013	3	3	9301.01	57
I	Mar 2013	3	3	9301.27	57
C	Apr 2013	6	4	9302.94	59
A	May 2013	21	7	9312.29	74
L	Jun 2013	26	12	9320.43	88
*	Jul 2013	9	15	9316.95	81
	Aug 2013	7	15	9312.17	73
	Sep 2013	5	12	9307.89	67
	WY 2013	**93**	**83**		
	Oct 2013	5	5	9307.63	66
	Nov 2013	4	4	9307.63	66
	Dec 2013	4	4	9307.50	66
	Jan 2014	3	4	9307.11	65
	Feb 2014	3	4	9306.32	64
	Mar 2014	3	4	9305.78	63
	Apr 2014	6	4	9307.18	65
	May 2014	23	12	9314.04	76
	Jun 2014	37	18	9324.58	95
	Jul 2014	14	20	9321.39	89
	Aug 2014	8	20	9314.63	77
	Sep 2014	7	16	9308.92	68
	WY 2014	**117**	**115**		
	Oct 2014	6	10	9306.49	64
	Nov 2014	5	6	9305.80	63
	Dec 2014	5	6	9304.91	62
	Jan 2015	4	6	9303.78	60
	Feb 2015	4	6	9302.24	58
	Mar 2015	4	6	9301.12	57
	Apr 2015	9	6	9303.08	59
	May 2015	28	12	9313.58	76
	Jun 2015	42	18	9326.61	99
	Jul 2015	20	20	9326.68	100

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2013 24-Month Study

Most Probable Inflow*

Blue Mesa Reservoir

	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Aug 2012	28	36	1	79	0	79	7462.48	387
H	Sep 2012	19	21	1	67	0	67	7454.82	340
	WY 2012	**427**	**442**	**7**	**793**	**0**	**793**		
I	Oct 2012	20	20	0	33	0	33	7452.55	327
S	Nov 2012	19	19	0	19	0	19	7452.39	326
T	Dec 2012	18	18	0	16	0	16	7452.65	328
O	Jan 2013	16	16	0	15	0	15	7452.77	328
R	Feb 2013	16	16	0	15	0	15	7452.95	329
I	Mar 2013	23	23	0		0	16	7454.12	336
C	Apr 2013	43	41	1	38	0	38	7454.46	338
A	May 2013	133	119	1	58	0	58	7464.34	399
L	Jun 2013	126	111	1	69	0	69	7470.58	440
*	Jul 2013	44	51	1	98	0	98	7463.20	391
	Aug 2013	35	43	1	95	0	95	7454.55	339
	Sep 2013	26	33	1	76	0	76	7446.75	295
	WY 2013	**519**	**509**	**6**	**532**	**0**	**548**		
	Oct 2013	26	26	0	43	0	43	7443.65	278
	Nov 2013	24	24	0	12	0	12	7445.89	290
	Dec 2013	21	21	0	14	0	14	7447.20	297
	Jan 2014	18	19	0	15	0	15	7447.84	301
	Feb 2014	16	17	0	12	0	12	7448.76	306
	Mar 2014	28	29	0	16	0	16	7451.00	318
	Apr 2014	60	58	1	29	0	29	7455.91	347
	May 2014	185	174	1	94	0	94	7468.49	426
	Jun 2014	230	211	1	33	0	33	7492.69	602
	Jul 2014	90	96	1	88	0	88	7493.53	609
	Aug 2014	49	61	1	94	0	94	7489.19	575
	Sep 2014	37	46	1	79	0	79	7484.78	541
	WY 2014	**784**	**782**	**7**	**529**	**0**	**529**		
	Oct 2014	38	41	0	41	0	41	7484.76	541
	Nov 2014	31	32	0	12	0	12	7487.41	561
	Dec 2014	26	27	0	25	0	25	7487.65	563
	Jan 2015	24	26	0	55	0	55	7483.79	534
	Feb 2015	22	25	0	55	0	55	7479.64	503
	Mar 2015	36	38	0	32	0	32	7480.35	509
	Apr 2015	77	74	1	50	0	50	7483.54	532
	May 2015	221	205	1	120	0	120	7494.39	616
	Jun 2015	261	237	1	62	0	62	7514.99	790
	Jul 2015	117	117	2	103	0	103	7516.40	802

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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August 2013 24-Month Study

Most Probable Inflow*

Morrow Point Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Aug 2012	28	79	0	80	80	0	80	7154.84	113
H	Sep 2012	19	67	0	68	71	0	71	7150.03	109
	WY 2012	**447**	**793**	**21**	**814**	**811**	**0**	**811**		
I	Oct 2012	22	33	1	34	40	0	40	7142.80	104
S	Nov 2012	20	19	1	20	16	0	16	7148.49	108
T	Dec 2012	18	16	1	17	18	0	18	7146.50	106
O	Jan 2013	17	15	1	16	17	0	17	7144.75	105
R	Feb 2013	17	15	1	15	16	0	16	7144.30	105
I	Mar 2013	24	16	1	17	17	0	17	7144.36	105
C	Apr 2013	49	38	6	44	42	0	42	7146.71	107
A	May 2013	148	58	15	72	67	0	67	7154.02	112
L	Jun 2013	132	69	6	75	75	0	75	7154.39	113
*	Jul 2013	45	98	0	98	99	0	99	7153.53	112
	Aug 2013	36	95	1	96	96	0	96	7153.73	112
	Sep 2013	27	76	1	77	77	0	77	7153.73	112
	WY 2013	**554**	**548**	**35**	**582**	**579**	**0**	**579**		
	Oct 2013	27	43	1	44	44	0	44	7153.73	112
	Nov 2013	26	12	2	14	14	0	14	7153.73	112
	Dec 2013	23	14	2	16	16	0	16	7153.73	112
	Jan 2014	21	15	3	18	18	0	18	7153.73	112
	Feb 2014	18	12	2	14	14	0	14	7153.73	112
	Mar 2014	31	16	3	19	19	0	19	7153.73	112
	Apr 2014	69	29	9	38	38	0	38	7153.73	112
	May 2014	206	94	21	115	115	0	115	7153.73	112
	Jun 2014	246	33	16	49	49	0	49	7153.73	112
	Jul 2014	94	88	4	92	92	0	92	7153.73	112
	Aug 2014	51	94	2	96	96	0	96	7153.73	112
	Sep 2014	40	79	3	82	82	0	82	7153.73	112
	WY 2014	**852**	**529**	**68**	**597**	**597**	**0**	**597**		
	Oct 2014	40	41	3	44	44	0	44	7153.73	112
	Nov 2014	33	12	2	14	14	0	14	7153.73	112
	Dec 2014	28	25	2	27	27	0	27	7153.73	112
	Jan 2015	27	55	2	57	57	0	57	7153.73	112
	Feb 2015	25	55	3	58	58	0	58	7153.73	112
	Mar 2015	40	32	4	36	36	0	36	7153.73	112
	Apr 2015	88	50	11	61	61	0	61	7153.73	112
	May 2015	247	120	26	146	146	0	146	7153.73	112
	Jun 2015	281	62	20	82	82	0	82	7153.73	112
	Jul 2015	123	103	6	109	109	0	109	7153.73	112

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Managing Water in the West

August 2013 24-Month Study

Most Probable Inflow*

Crystal Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
*	Aug 2012	32	80	3	84	84	0	84	6743.63	14	52	38
H	Sep 2012	22	71	2	74	63	11	74	6743.29	14	45	33
	WY 2012	**498**	**811**	**51**	**862**	**824**	**38**	**862**			**397**	**497**
I	Oct 2012	24	40	3	42	40	0	40	6750.72	16	20	20
S	Nov 2012	23	16	4	19	21	0	21	6746.77	15	1	19
T	Dec 2012	22	18	4	22	22	0	22	6749.11	16	1	20
O	Jan 2013	20	17	4	21	19	2	21	6747.09	15	0	20
R	Feb 2013	20	16	3	19	10	9	19	6745.57	15	0	19
I	Mar 2013	29	17	5	21	22	0	22	6744.50	15	0	22
C	Apr 2013	55	42	7	49	51	0	51	6738.38	13	33	20
A	May 2013	161	67	13	80	80	0	80	6736.96	13	66	18
L	Jun 2013	144	75	11	86	84	0	84	6744.76	15	65	25
*	Jul 2013	49	99	4	103	101	1	102	6748.24	16	67	41
	Aug 2013	40	96	4	100	98	0	98	6753.04	17	65	33
	Sep 2013	32	77	5	82	82	0	82	6753.04	17	55	27
	WY 2013	**619**	**579**	**65**	**644**	**629**	**12**	**641**			**373**	**285**
	Oct 2013	32	44	5	49	49	0	49	6753.04	17	30	19
	Nov 2013	30	14	4	18	18	0	18	6753.04	17	0	18
	Dec 2013	26	16	3	19	19	0	19	6753.04	17	0	19
	Jan 2014	23	18	2	20	20	0	20	6753.04	17	0	20
	Feb 2014	21	14	3	17	17	0	17	6753.04	17	0	17
	Mar 2014	36	19	5	24	24	0	24	6753.04	17	5	19
	Apr 2014	79	38	10	48	48	0	48	6753.04	17	30	18
	May 2014	233	115	27	142	134	8	142	6753.04	17	55	87
	Jun 2014	275	49	29	78	78	0	78	6753.04	17	60	18
	Jul 2014	104	92	10	102	102	0	102	6753.04	17	65	37
	Aug 2014	58	96	7	103	103	0	103	6753.04	17	65	38
	Sep 2014	45	82	5	87	87	0	87	6753.04	17	55	32
	WY 2014	**962**	**597**	**110**	**707**	**699**	**8**	**707**			**365**	**341**
	Oct 2014	46	44	5	49	49	0	49	6753.04	17	30	19
	Nov 2014	38	14	4	18	18	0	18	6753.04	17	0	18
	Dec 2014	32	27	5	32	32	0	32	6753.04	17	0	32
	Jan 2015	31	57	5	62	62	0	62	6753.04	17	0	62
	Feb 2015	29	58	4	61	61	0	61	6753.04	17	0	61
	Mar 2015	46	36	6	42	42	0	42	6753.04	17	5	37
	Apr 2015	101	61	12	74	74	0	74	6753.04	17	30	44
	May 2015	281	146	34	180	134	46	180	6753.04	17	55	125
	Jun 2015	315	82	34	116	116	0	116	6753.04	17	60	56
	Jul 2015	138	109	14	123	123	0	123	6753.04	17	65	58

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Managing Water in the West

August 2013 24-Month Study

Most Probable Inflow*

Vallecito Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Aug 2012	7	33	7634.93	54
H	Sep 2012	4	22	7624.48	36
	WY 2012	**168**	**188**		
I	Oct 2012	3	3	7624.51	36
S	Nov 2012	3	1	7625.69	37
T	Dec 2012	3	0	7627.33	40
O	Jan 2013	3	0	7629.10	43
R	Feb 2013	3	0	7630.60	46
I	Mar 2013	4	0	7632.64	50
C	Apr 2013	15	1	7639.26	63
A	May 2013	49	31	7647.20	80
L	Jun 2013	19	35	7639.75	64
*	Jul 2013	8	32	7626.95	40
	Aug 2013	10	30	7611.19	19
	Sep 2013	10	14	7607.26	15
	WY 2013	**130**	**149**		
	Oct 2013	9	9	7607.17	15
	Nov 2013	6	0	7612.83	20
	Dec 2013	5	0	7616.84	25
	Jan 2014	4	0	7619.70	29
	Feb 2014	4	0	7621.98	32
	Mar 2014	6	0	7625.54	37
	Apr 2014	19	0	7635.84	56
	May 2014	66	2	7662.79	119
	Jun 2014	63	58	7664.59	124
	Jul 2014	26	42	7658.49	108
	Aug 2014	18	38	7650.39	88
	Sep 2014	15	30	7643.96	73
	WY 2014	**240**	**179**		
	Oct 2014	14	17	7642.51	70
	Nov 2014	8	4	7644.26	74
	Dec 2014	6	4	7645.05	75
	Jan 2015	5	4	7645.43	76
	Feb 2015	5	4	7645.76	77
	Mar 2015	9	3	7648.06	82
	Apr 2015	23	3	7656.23	102
	May 2015	71	48	7665.00	125
	Jun 2015	70	70	7664.95	125
	Jul 2015	29	42	7660.02	112

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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August 2013 24-Month Study

Most Probable Inflow*

Navajo Reservoir

	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azetea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Farmington Flow (1000 Ac-Ft)
*	Aug 2012	0	0	26	3	45	55	6038.86	1101	47
H	Sep 2012	-2	0	17	2	22	58	6032.62	1035	56
	WY 2012	**523**	**53**	**490**	**26**	**236**	**521**			**814**
I	Oct 2012	3	0	3	1	11	40	6027.78	986	43
S	Nov 2012	9	0	7	1	0	23	6026.11	970	32
T	Dec 2012	12	0	9	0	0	22	6024.73	957	30
O	Jan 2013	14	0	11	0	0	20	6023.77	947	
R	Feb 2013	13	0	10	1	0	19	6022.74	938	36
I	Mar 2013	31	1	26	1	6	22	6022.39	934	33
C	Apr 2013	71	7	53	2	21	36	6021.77	928	40
A	May 2013	154	17	118	3	36	17	6028.15	990	93
L	Jun 2013	40	8	46	3	42	33	6024.88	958	50
*	Jul 2013	2	1	25	3	40	51	6017.54	889	55
	Aug 2013	16	0	37	3	49	48	6010.44	826	48
	Sep 2013	19	0	23	2	29	43	6004.42	775	43
	WY 2013	**384**	**34**	**368**	**20**	**234**	**374**			**503**
	Oct 2013	20	0	20	1	7	29	6002.29	757	29
	Nov 2013	23	0	17	1	0	25	6001.23	749	25
	Dec 2013	18	0	13	0	0	26	5999.58	735	26
	Jan 2014	16	0	12	0	0	26	5997.78	721	26
	Feb 2014	21	0	18	0	0	24	5996.97	715	24
	Mar 2014	65	2	57	1	2	26	6000.52	743	26
	Apr 2014	130	14	97	2	18	17	6007.94	804	17
	May 2014	245	37	144	2	33	15	6018.50	898	15
	Jun 2014	180	32	142	3	48	15	6026.50	974	15
	Jul 2014	45	6	54	3	53	29	6023.28	943	29
	Aug 2014	35	2	53	3	46	50	6018.40	897	50
	Sep 2014	32	0	46	2	26	40	6016.09	876	40
	WY 2014	**830**	**94**	**675**	**19**	**233**	**322**			**322**
	Oct 2014	39	1	40	1	7	31	6016.30	878	31
	Nov 2014	31	1	26	1	0	30	6015.79	873	30
	Dec 2014	25	0	23	0	0	31	6014.89	865	31
	Jan 2015	22	0	21	0	0	31	6013.74	855	31
	Feb 2015	30	0	29	1	0	28	6013.86	856	28
	Mar 2015	92	2	84	1	2	31	6019.42	906	31
	Apr 2015	170	14	136	2	18	30	6028.43	993	30
	May 2015	277	37	217	3	33	48	6041.19	1126	48
	Jun 2015	224	32	191	4	49	92	6045.31	1172	92
	Jul 2015	66	6	72	4	54	33	6043.60	1152	33

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2013 24-Month Study

Most Probable Inflow*

Lake Powell

	Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry Gage (1000 Ac-Ft)
*	Aug 2012	101	289	60	800	0	800	3623.62	5186	14151	810
H	Sep 2012	104	296	54	481	0	481	3621.56	5168	13929	478
	WY 2012	**4908**	**5964**	**455**	**9466**	**0**	**9466**				**9527**
I	Oct 2012	190	294	37	498	0	498	3619.46	5150	13706	495
S	Nov 2012	246	273	35	652	78	730	3615.10	5114	13251	736
T	Dec 2012	201	247	27	801	0	801	3609.82	5071	12713	800
O	Jan 2013	168	230	8	801	0	801	3604.42	5028	12177	801
R	Feb 2013	262	300	9	600	0	600	3601.47	5005	11891	595
I	Mar 2013	362	357	14	601	0	601	3598.96	4986	11651	594
C	Apr 2013	355	326	22	551	0	551	3596.53	4967	11422	547
A	May 2013	1122	925	26	602	0	602	3599.44	4989	11697	591
L	Jun 2013	939	907	42	800	0	800	3600.07	4994	11757	800
*	Jul 2013	143	298	49	848	0	848	3594.17	4950	11202	862
	Aug 2013	160	337	47	800	0	800	3589.00	4912	10730	821
	Sep 2013	180	324	43	600	0	600	3585.70	4889	10435	614
	WY 2013	**4328**	**4817**	**360**	**8153**	**78**	**8231**				**8257**
	Oct 2013	300	356	29	480	0	480	3584.08	4877	10293	491
	Nov 2013	330	336	28	500	0	500	3582.04	4863	10116	509
	Dec 2013	250	277	22	600	0	600	3578.32	4837	9797	612
	Jan 2014	250	279	6	800	0	800	3572.47	4798	9309	813
	Feb 2014	300	311	7	600	0	600	3569.10	4776	9035	610
	Mar 2014	490	415	11	600	0	600	3566.82	4762	8853	611
	Apr 2014	780	602	18	500	0	500	3567.80	4768	8931	512
	May 2014	2000	1686	22	600	0	600	3579.72	4847	9916	611
	Jun 2014	2100	1628	37	600	0	600	3590.13	4920	10832	611
	Jul 2014	820	730	47	800	0	800	3588.94	4912	10725	819
	Aug 2014	390	482	46	800	0	800	3585.15	4885	10388	821
	Sep 2014	310	392	42	600	0	600	3582.51	4866	10156	614
	WY 2014	**8320**	**7493**	**314**	**7480**	**0**	**7480**				**7634**
	Oct 2014	430	435	28	480	0	480	3581.73	4861	10089	491
	Nov 2014	435	421	27	500	0	500	3580.59	4853	9990	509
	Dec 2014	363	389	22	600	0	600	3578.06	4836	9774	612
	Jan 2015	361	416	6	800	0	800	3573.74	4807	9413	813
	Feb 2015	393	429	7	600	0	600	3571.74	4794	9249	610
	Mar 2015	665	558	12	600	0	600	3571.13	4790	9199	611
	Apr 2015	1056	840	19	500	0	500	3574.75	4813	9497	512
	May 2015	2343	1946	24	600	0	600	3588.90	4911	10721	611
	Jun 2015	2666	2185	41	600	0	600	3604.15	5026	12151	611
	Jul 2015	1091	993	52	800	0	800	3605.48	5036	12281	819

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2013 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Glen Release (1000 Ac-Ft)	Side Inflow Glen to Hoover (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Aug 2012	800	169	82	798	13.0	24	793	862	1116.56	13269
H	Sep 2012	481	97	67	635	10.7	18	634	854	1115.16	13135
	WY 2012	**9466**	**730**	**638**	**9421**		**227**	**9356**			
I	Oct 2012	498	53	49	346	5.6	20	331	862	1116.50	13263
S	Nov 2012	730	60	49	650	10.9	14	649	867	1117.24	13334
T	Dec 2012	801	50	43	476	7.7	11	432	886	1120.36	13636
O	Jan 2013	801	56	35	609	9.9	9	591	899	1122.32	13828
R	Feb 2013	600	68	32	646	11.6	8	644	898	1122.14	13810
I	Mar 2013	601	69	36	987	16.1	15	986	875	1118.59	13465
C	Apr 2013	551	37	44	1103	18.5	20	1102	840	1112.91	12921
A	May 2013	602	28	50	1007	16.4	27	1008	812	1108.36	12495
L	Jun 2013	800	1	59	948	15.9	28	947	798	1105.98	12276
*	Jul 2013	848	115	73	865	14.1	30	858	798	1105.92	12270
	Aug 2013	800	109	78	790	12.8	23	790	799	1106.10	12287
	Sep 2013	600	81	64	775	13.0	19	775	788	1104.29	12121
	WY 2013	**8231**	**728**	**612**	**9201**		**225**	**9111**			
	Oct 2013	480	54	46	513	8.3	17	513	785	1103.84	12081
	Nov 2013	500	44	46	634	10.7	24	634	776	1102.18	11931
	Dec 2013	600	99	40	555	9.0	19	555	781	1103.08	12012
	Jan 2014	800	81	33	718	11.7	16	718	788	1104.27	12120
	Feb 2014	600	94	30	714	12.9	18	714	784	1103.56	12056
	Mar 2014	600	77	33	1030	16.8	21	1030	759	1099.30	11673
	Apr 2014	500	80	40	1115	18.7	14	1115	723	1093.02	11119
	May 2014	600	64	46	1002	16.3	24	1002	698	1088.59	10736
	Jun 2014	600	33	54	939	15.8	22	939	674	1084.36	10376
	Jul 2014	800	55	67	861	14.0	28	861	668	1083.22	10280
	Aug 2014	800	109	71	827	13.5	23	827	667	1083.08	10268
	Sep 2014	600	81	59	634	10.7	19	634	666	1082.74	10240
	WY 2014	**7480**	**870**	**566**	**9544**		**245**	**9544**			
	Oct 2014	480	54	43	465	7.6	17	465	666	1082.85	10248
	Nov 2014	500	44	43	610	10.3	23	610	658	1081.36	10124
	Dec 2014	600	99	37	500	8.1	18	500	667	1082.98	10259
	Jan 2015	800	81	30	726	11.8	16	726	673	1084.19	10361
	Feb 2015	600	94	28	696	12.5	18	696	671	1083.65	10316
	Mar 2015	600	77	31	1045	17.0	22	1045	645	1078.92	9921
	Apr 2015	500	80	37	1132	19.0	14	1132	608	1071.95	9355
	May 2015	600	64	42	1019	16.6	24	1019	582	1066.95	8959
	Jun 2015	600	33	50	955	16.0	23	955	558	1062.17	8589
	Jul 2015	800	55	61	878	14.3	29	878	551	1060.78	8482

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2013 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Aug 2012	798	-11	23	744	0	744	12.1	643.63	1716
H	Sep 2012	635	-5	18	723	0	723	12.1	639.55	1605
	WY 2012	**9421**	**-177**	**197**	**9051**	**0**	**9051**			
I	Oct 2012	346	-3	14	556	0	556	9.0	630.75	1377
S	Nov 2012	650	-11	10	499	0	499	8.4	635.82	1507
T	Dec 2012	476	-6	9	395	0	395	6.4	638.30	1572
O	Jan 2013	609	-11	10	510	0	510	8.3	641.20	1650
R	Feb 2013	646	-12	10	609	0	609	11.0	641.78	1665
I	Mar 2013	987	-11	13	956	0	956	15.5	642.06	1673
C	Apr 2013	1103	-20	17	1017	0	1017	17.1	643.87	1723
A	May 2013	1007	-15	22	959	0	959	15.6	644.24	1733
L	Jun 2013	948	-16	26	928	0	928	15.6	643.45	1711
*	Jul 2013	865	-24	26	810	0	810	13.2	643.66	1717
	Aug 2013	790	-8	23	804	0	804	13.1	642.00	1671
	Sep 2013	775	-1	18	796	0	796	13.4	640.50	1631
	WY 2013	**9201**	**-139**	**198**	**8838**	**0**	**8838**			
	Oct 2013	513	0	15	695	0	695	11.3	633.00	1434
	Nov 2013	634	-16	10	556	0	556	9.4	635.00	1486
	Dec 2013	555	-17	9	431	0	431	7.0	638.71	1583
	Jan 2014	718	-16	10	610	0	610	9.9	641.80	1666
	Feb 2014	714	-8	10	696	0	696	12.5	641.80	1666
	Mar 2014	1030	-16	13	967	0	967	15.7	643.05	1700
	Apr 2014	1115	-15	17	1085	0	1085	18.2	643.00	1699
	May 2014	1002	-14	22	966	0	966	15.7	643.00	1699
	Jun 2014	939	-12	25	929	0	929	15.6	642.00	1671
	Jul 2014	861	-5	25	845	0	845	13.7	641.50	1658
	Aug 2014	827	-8	23	797	0	797	13.0	641.50	1658
	Sep 2014	634	-1	18	708	0	708	11.9	638.00	1564
	WY 2014	**9544**	**-129**	**197**	**9284**	**0**	**9284**			
	Oct 2014	465	0	15	580	0	580	9.4	633.00	1434
	Nov 2014	610	-16	10	533	0	533	9.0	635.00	1486
	Dec 2014	500	-17	9	376	0	376	6.1	638.71	1583
	Jan 2015	726	-16	10	618	0	618	10.1	641.80	1666
	Feb 2015	696	-8	10	678	0	678	12.2	641.80	1666
	Mar 2015	1045	-16	13	982	0	982	16.0	643.05	1700
	Apr 2015	1132	-15	17	1102	0	1102	18.5	643.00	1699
	May 2015	1019	-14	22	983	0	983	16.0	643.00	1699
	Jun 2015	955	-12	25	944	0	944	15.9	642.00	1671
	Jul 2015	878	-5	25	861	0	861	14.0	641.50	1658

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2013 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	Aug 2012	744	26	17	568	9.2	100	85	448.38	587	97	1.6
H	Sep 2012	723	31	15	548	9.2	74	137	446.98	561	90	1.5
	WY 2012	**9051**	**290**	**140**	**6652**		**723**	**1763**			**1435**	
I	Oct 2012	556	34	12	482	7.8	14	32	449.31	606	70	1.1
S	Nov 2012	499	27	9	348	5.9	14	174	448.06	581	88	1.5
T	Dec 2012	395	21	7	289	4.7	15	132	446.41	550	132	2.2
O	Jan 2013	510	17	6	352	5.7	57	80	448.01	580	143	2.3
R	Feb 2013	609	4	8	444	8.0	7	147	448.13	583	158	2.8
I	Mar 2013	956	7	9	680	11.1	98	180	447.58	572	191	3.1
C	Apr 2013	1017	14	11	765	12.9	84	148	448.35	587	185	3.1
A	May 2013	959	20	13	677	11.0	97	174	448.76	595	98	1.5
L	Jun 2013	928	14	16	688	11.6	104	129	448.45	589	98	1.7
*	Jul 2013	810	27	17	626	10.2	99	80	448.51	590	110	1.8
	Aug 2013	804	24	17	611	9.9	99	98	448.00	580	92	1.5
	Sep 2013	796	23	15	548	9.2	96	154	447.80	576	89	1.5
	WY 2013	**8838**	**232**	**140**	**6510**		**784**	**1529**			**1453**	
	Oct 2013	695	26	12	460	7.5	99	148	447.50	571	65	1.1
	Nov 2013	556	32	9	375	6.3	75	133	447.00	561	99	1.7
	Dec 2013	431	26	6	279	4.5	77	126	445.00	525	105	1.7
	Jan 2014	610	16	6	340	5.5	98	176	445.00	525	125	2.0
	Feb 2014	696	10	7	450	8.1	88	127	446.50	552	156	2.8
	Mar 2014	967	17	9	690	11.2	98	175	446.70	555	201	3.3
	Apr 2014	1085	21	11	785	13.2	95	169	448.70	593	212	3.6
	May 2014	966	20	13	690	11.2	98	173	448.70	593	111	1.8
	Jun 2014	929	15	16	683	11.5	95	137	448.70	593	109	1.8
	Jul 2014	845	25	17	716	11.6	98	38	448.00	580	111	1.8
	Aug 2014	797	24	17	633	10.3	98	70	447.50	571	105	1.7
	Sep 2014	708	23	15	549	9.2	70	101	446.81	557	102	1.7
	WY 2014	**9284**	**256**	**139**	**6650**		**1089**	**1575**			**1500**	
	Oct 2014	580	26	12	448	7.3	24	124	446.31	548	65	1.1
	Nov 2014	533	32	8	376	6.3	24	147	446.50	552	99	1.7
	Dec 2014	376	26	6	275	4.5	24	92	446.50	552	105	1.7
	Jan 2015	618	16	6	348	5.7	98	176	446.50	552	125	2.0
	Feb 2015	678	10	8	458	8.3	88	127	446.50	552	156	2.8
	Mar 2015	982	17	9	704	11.5	98	175	446.70	555	201	3.3
	Apr 2015	1102	21	11	801	13.5	95	169	448.70	593	212	3.6
	May 2015	983	20	13	707	11.5	98	173	448.70	593	111	1.8
	Jun 2015	944	15	16	698	11.7	95	137	448.70	593	109	1.8
	Jul 2015	861	25	17	733	11.9	98	38	448.00	580	111	1.8

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2013 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Aug 2012	798	13.0	1116.56	13269	61	471.53	1809.0	331.4	100	415.2
H	Sep 2012	635	10.7	1115.16	13135	-134	473.98	1809.0	261.9	100	412.2
	WY 2012	**9421**							**3985.6**		
I	Oct 2012	346	5.6	1116.50	13263	128	476.50	1051.0	141.3	58	409.0
S	Nov 2012	650	10.9	1117.24	13334	71	473.22	1051.0	276.3	58	424.7
T	Dec 2012	476	7.7	1120.36	13636	302	475.06	1520.0	198.5	84	417.3
O	Jan 2013	609	9.9	1122.32	13828	192	474.10	1062.0	259.8	59	426.6
R	Feb 2013	646	11.6	1122.14	13810	-18	475.07	1072.0	276.4	59	427.6
I	Mar 2013	987	16.1	1118.59	13465	-346	472.93	1073.0	425.6	59	431.1
C	Apr 2013	1103	18.5	1112.91	12921	-544	463.52	1042.0	467.6	57	423.9
A	May 2013	1007	16.4	1108.36	12495	-426	463.02	1353.0	419.9	75	417.1
L	Jun 2013	948	15.9	1105.98	12276	-219	460.72	1726.0	388.1	97	409.5
*	Jul 2013	865	14.1	1105.92	12270	-5	460.74	1753.0	348.3	100	402.7
	Aug 2013	790	12.8	1106.10	12287	17	452.44	1737.0	320.9	100	406.3
	Sep 2013	775	13.0	1104.29	12121	-166	452.66	1718.0	315.6	100	407.1
	WY 2013	**9201**							**3838.2**		
	Oct 2013	513	8.3	1103.84	12081	-40	456.37	1317.0	209.2	77	407.6
	Nov 2013	634	10.7	1102.18	11931	-150	457.95	1285.0	256.4	75	404.4
	Dec 2013	555	9.0	1103.08	12012	81	455.61	1310.0	221.3	76	399.0
	Jan 2014	718	11.7	1104.27	12120	108	458.73	634.0	310.5	37	432.3
	Feb 2014	714	12.9	1103.56	12056	-64	453.85	1284.0	294.3	74	412.2
	Mar 2014	1030	16.8	1099.30	11673	-383	449.60	1481.0	417.2	87	404.9
	Apr 2014	1115	18.7	1093.02	11119	-554	444.72	1338.0	456.9	80	409.6
	May 2014	1002	16.3	1088.59	10736	-384	439.28	1339.0	397.2	81	396.2
	Jun 2014	939	15.8	1084.36	10376	-360	433.27	1634.0	367.6	100	391.5
	Jul 2014	861	14.0	1083.22	10280	-96	431.10	1631.0	337.8	100	392.2
	Aug 2014	827	13.5	1083.08	10268	-12	430.62	1637.0	322.8	100	390.1
	Sep 2014	634	10.7	1082.74	10240	-28	431.52	1638.0	240.7	100	379.7
	WY 2014	**9544**							**3831.8**		
	Oct 2014	465	7.6	1082.85	10248	9	434.85	1437.0	179.3	88	385.7
	Nov 2014	610	10.3	1081.36	10124	-124	435.89	1416.0	237.6	87	389.3
	Dec 2014	500	8.1	1082.98	10259	135	432.68	1201.7	193.2	76	386.5
	Jan 2015	726	11.8	1084.19	10361	102	431.86	581.8	279.8	37	385.2
	Feb 2015	696	12.5	1083.65	10316	-45	431.19	1177.3	269.7	74	387.5
	Mar 2015	1045	17.0	1078.92	9921	-395	428.17	1353.0	401.0	87	383.8
	Apr 2015	1132	19.0	1071.95	9355	-567	421.98	1212.1	434.5	80	384.0
	May 2015	1019	16.6	1066.95	8959	-396	416.07	1208.5	378.5	81	371.4
	Jun 2015	955	16.0	1062.17	8589	-370	411.56	1465.9	348.8	100	365.4
	Jul 2015	878	14.3	1060.78	8482	-106	408.99	1458.0	326.9	100	372.4

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2013 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Aug 2012	744	12.1	643.63	1716	20	142.43	252.5	92.5	99	124.3
H	Sep 2012	723	12.1	639.55	1605	-111	137.86	255.0	96.5	100	133.5
	WY 2012	**9051**							**1153.5**		
I	Oct 2012	556	9.0	630.75	1377	-228	130.98	206.6	68.5	81	123.3
S	Nov 2012	499	8.4	635.82	1507	130	136.16	168.3	67.9	66	136.0
T	Dec 2012	395	6.4	638.30	1572	65	134.78	183.6	44.1	72	111.7
O	Jan 2013	510	8.3	641.20	1650	78	139.33	163.2	63.2	64	123.8
R	Feb 2013	609	11.0	641.78	1665	16	138.67	153.0	76.8	60	126.1
I	Mar 2013	956	15.5	642.06	1673	8	140.26	191.3	120.2	75	125.8
C	Apr 2013	1017	17.1	643.87	1723	49	142.09	252.5	128.5	99	126.3
A	May 2013	959	15.6	644.24	1733	10	143.40	244.8	121.8	96	127.0
L	Jun 2013	928	15.6	643.45	1711	-22	141.69	247.4	116.9	97	126.0
*	Jul 2013	810	13.2	643.66	1717	6	141.93	249.9	102.9	98	127.1
	Aug 2013	804	13.1	642.00	1671	-45	135.86	255.0	101.1	100	125.7
	Sep 2013	796	13.4	640.50	1631	-40	134.20	255.0	98.9	100	124.2
	WY 2013	**8838**							**1110.8**		
	Oct 2013	695	11.3	633.00	1434	-197	131.19	196.4	84.0	77	120.9
	Nov 2013	556	9.4	635.00	1486	51	129.62	158.1	66.3	62	119.1
	Dec 2013	431	7.0	638.71	1583	97	132.06	173.4	52.8	68	122.6
	Jan 2014	610	9.9	641.80	1666	83	135.97	163.2	76.0	64	124.5
	Feb 2014	696	12.5	641.80	1666	0	137.17	173.4	87.0	68	125.0
	Mar 2014	967	15.7	643.05	1700	34	135.44	255.0	120.5	100	124.5
	Apr 2014	1085	18.2	643.00	1699	-2	136.07	255.0	134.9	100	124.3
	May 2014	966	15.7	643.00	1699	0	136.04	255.0	120.8	100	125.1
	Jun 2014	929	15.6	642.00	1671	-27	135.51	255.0	115.7	100	124.6
	Jul 2014	845	13.7	641.50	1658	-14	134.73	255.0	105.2	100	124.6
	Aug 2014	797	13.0	641.50	1658	0	134.46	255.0	99.2	100	124.6
	Sep 2014	708	11.9	638.00	1564	-94	132.62	255.0	87.4	100	123.4
	WY 2014	**9284**							**1149.8**		
	Oct 2014	580	9.4	633.00	1434	-130	129.88	196.4	69.8	77	120.5
	Nov 2014	533	9.0	635.00	1486	51	129.62	158.1	63.5	62	119.3
	Dec 2014	376	6.1	638.71	1583	97	132.06	173.4	46.2	68	123.0
	Jan 2015	618	10.1	641.80	1666	83	135.97	163.2	76.9	64	124.5
	Feb 2015	678	12.2	641.80	1666	0	137.17	173.4	84.8	68	125.1
	Mar 2015	982	16.0	643.05	1700	34	135.44	255.0	122.2	100	124.5
	Apr 2015	1102	18.5	643.00	1699	-2	136.07	255.0	136.9	100	124.3
	May 2015	983	16.0	643.00	1699	0	136.04	255.0	122.8	100	125.0
	Jun 2015	944	15.9	642.00	1671	-27	135.51	255.0	117.6	100	124.6
	Jul 2015	861	14.0	641.50	1658	-14	134.73	255.0	107.2	100	124.5

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2013 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Aug 2012	568	9.2	448.38	587	-10	80.54	120.0	39.3	100	69.2
H	Sep 2012	548	9.2	446.98	561	-26	81.05	120.0	37.8	100	69.0
	WY 2012	**6652**							**458.2**		
I	Oct 2012	482	7.8	449.31	606	44	83.52	96.0	33.3	80	69.0
S	Nov 2012	348	5.9	448.06	581	-24	82.22	92.4	24.1	77	69.2
T	Dec 2012	289	4.7	446.41	550	-31	80.98	103.2	19.5	86	67.5
O	Jan 2013	352	5.7	448.01	580	30	83.56	102.0	24.4	85	69.4
R	Feb 2013	444	8.0	448.13	583	2	80.52	115.2	31.2	96	70.1
I	Mar 2013	680	11.1	447.58	572	-10	81.73	120.0	46.8	100	68.9
C	Apr 2013	765	12.9	448.35	587	15	82.42	97.2	51.1	81	66.8
A	May 2013	677	11.0	448.76	595	8	80.83	104.4	46.4	87	68.6
L	Jun 2013	688	11.6	448.45	589	-6	82.20	117.6	47.4	98	68.9
*	Jul 2013	626	10.2	448.51	590	1	80.88	120.0	43.4	100	69.3
	Aug 2013	611	9.9	448.00	580	-10	75.62	120.0	40.3	100	65.9
	Sep 2013	548	9.2	447.80	576	-4	75.27	120.0	35.9	100	65.4
	WY 2013	**6510**							**443.7**		
	Oct 2013	460	7.5	447.50	571	-6	76.13	96.0	30.2	80	65.7
	Nov 2013	375	6.3	447.00	561	-9	75.92	92.4	24.4	77	65.0
	Dec 2013	279	4.5	445.00	525	-36	74.71	92.4	17.5	77	62.9
	Jan 2014	340	5.5	445.00	525	0	73.61	94.8	21.5	79	63.0
	Feb 2014	450	8.1	446.50	552	27	74.46	92.4	29.1	77	64.8
	Mar 2014	690	11.2	446.70	555	4	74.93	99.6	45.4	83	65.8
	Apr 2014	785	13.2	448.70	593	38	75.08	120.0	51.8	100	66.0
	May 2014	690	11.2	448.70	593	0	76.05	120.0	45.9	100	66.4
	Jun 2014	683	11.5	448.70	593	0	76.05	120.0	45.4	100	66.5
	Jul 2014	716	11.6	448.00	580	-13	75.71	120.0	47.5	100	66.3
	Aug 2014	633	10.3	447.50	571	-9	75.13	120.0	41.5	100	65.6
	Sep 2014	549	9.2	446.81	557	-13	74.55	120.0	35.6	100	64.9
	WY 2014	**6650**							**435.7**		
	Oct 2014	448	7.3	446.31	548	-9	74.77	102.0	28.9	85	64.6
	Nov 2014	376	6.3	446.50	552	3	74.62	102.0	24.1	85	64.1
	Dec 2014	275	4.5	446.50	552	0	74.71	102.0	17.2	85	62.7
	Jan 2015	348	5.7	446.50	552	0	74.71	102.0	22.2	85	63.7
	Feb 2015	458	8.3	446.50	552	0	73.92	120.0	29.4	100	64.2
	Mar 2015	704	11.5	446.70	555	4	74.01	120.0	45.7	100	64.9
	Apr 2015	801	13.5	448.70	593	38	75.08	120.0	52.9	100	66.0
	May 2015	707	11.5	448.70	593	0	76.05	120.0	47.0	100	66.5
	Jun 2015	698	11.7	448.70	593	0	76.05	120.0	46.5	100	66.5
	Jul 2015	733	11.9	448.00	580	-13	75.71	120.0	48.6	100	66.3

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2013 24-Month Study

Most Probable Inflow*

Upper Basin Power

	Date	Glen Canyon 1000 MWHR	Flaming Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Reservoir 1000 MWHR	Fontenelle Reservoir 1000 MWHR
*	Aug 2012	360	31	21	28	16	6
H	Sep 2012	214	27	17	25	12	4
	Summer 2012	**1849**	**232**	**123**	**168**	**94**	**31**
I	Oct 2012	221	20	8	13	6	2
T	Dec 2012	346	27	4	6	2	4
O	Jan 2013	349	28	4	6	2	4
R	Feb 2013	259	25	4	5	1	3
I	Mar 2013	258	20	4	5	2	3
	Winter 2013	**1433**	**121**	**23**	**35**	**12**	**15**
C	Apr 2013	235	19	10	14	8	3
A	May 2013	257	26	15	23	15	3
L	Jun 2013	344	52	18	26	16	3
*	Jul 2013	361	26	26	35	20	3
	Aug 2013	309	24	26	35	17	4
	Sep 2013	231	23	20	28	14	3
	Summer 2013	**1738**	**170**	**113**	**160**	**90**	**20**
	Oct 2013	184	18	11	16	8	3
	Nov 2013	191	17	3	5	3	3
	Dec 2013	226	18	4	6	3	3
	Jan 2014	299	18	4	6	3	3
	Feb 2014	223	16	3	5	3	3
	Mar 2014	221	18	4	7	4	3
	Winter 2014	**1344**	**104**	**29**	**45**	**25**	**19**
	Apr 2014	184	17	8	14	8	5
	May 2014	223	37	26	41	23	6
	Jun 2014	229	34	9	18	13	8
	Jul 2014	309	20	26	33	18	10
	Aug 2014	308	20	28	35	18	7
	Sep 2014	229	20	23	30	15	3
	Summer 2014	**1482**	**147**	**120**	**170**	**95**	**39**
	Oct 2014	183	20	12	16	8	6
	Nov 2014	190	20	3	5	3	6
	Dec 2014	226	20	7	10	5	6
	Jan 2015	299	20	16	21	11	5
	Feb 2015	223	18	16	21	11	5
	Mar 2015	222	20	9	13	7	5
	Winter 2015	**1121**	**99**	**54**	**72**	**39**	**28**
	Apr 2015	185	20	14	22	13	5
	May 2015	227	39	35	53	23	7
	Jun 2015	234	58	19	30	20	9
	Jul 2015	318	36	32	39	21	10

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2013 24-Month Study

Most Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions

Date	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Total KAF	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****CREDITABLE SPACE****										
Aug 2013	976	438	807	13120	15341	15107	30448	976	438	807	2221	13120	15107	30448	1500	790	0	29.7
Sep 2013	1,026	491	870	13592	15979	15090	31069	1026	491	870	2387	13592	15090	31069	2270	775	0	29.0
Oct 2013	1,077	535	921	13887	16420	15256	31676	1077	535	921	2533	13887	15256	31676	3040	513	0	28.6
Nov 2013	1,107	551	939	14029	16626	15296	31922	1107	551	939	2597	14029	15296	31922	3810	634	0	28.3
Dec 2013	1,126	539	947	14206	16819	15446	32265	1126	539	947	2613	14206	15446	32265	4580	555	0	28.1
Jan 2014	1,154	532	961	14525	17172	15365	32537	1154	532	961	2647	14525	15365	32537	5350	718	0	27.8
								****EFFECTIVE SPACE****										
Jan 2014	1,154	532	961	14525	17172	15365	32537	445	340	374	1158	14525	15365	31049	5350	718	0	27.8
Feb 2014	1,178	529	975	15013	17695	15257	32953	467	337	387	1191	15013	15257	31462	1500	714	0	27.4
Mar 2014	1,193	524	981	15287	17985	15321	33306	479	333	393	1206	15287	15321	31814	1500	1030	0	27.0
Apr 2014	1,168	511	953	15469	18102	15704	33806	450	321	362	1134	15469	15704	32307	1500	1115	0	26.7
May 2014	1,111	483	892	15391	17877	16258	34135	385	290	282	957	15391	16258	32606	1500	1002	0	27.5
Jun 2014	1,056	404	798	14406	16665	16641	33306	322	199	153	674	14406	16641	31722	1500	939	0	28.5
Jul 2014	878	227	722	13490	15317	17001	32318	131	2	25	159	13490	17001	30649	1500	861	0	28.3
								****CREDITABLE SPACE****										
Aug 2014	765	220	753	13597	15336	17097	32433	765	220	753	1739	13597	17097	32433	1500	827	0	27.9
Sep 2014	764	254	799	13934	15752	17109	32861	764	254	799	1817	13934	17109	32861	2270	634	0	27.4
Oct 2014	783	288	820	14166	16056	17137	33194	783	288	820	1891	14166	17137	33194	3040	465	0	27.2
Nov 2014	793	288	818	14233	16133	17129	33261	793	288	818	1900	14233	17129	33261	3810	610	0	27.1
Dec 2014	803	268	823	14332	16226	17253	33479	803	268	823	1894	14332	17253	33479	4580	500	0	27.1
Jan 2015	827	266	831	14548	16472	17118	33590	827	266	831	1924	14548	17118	33590	5350	726	0	26.8
								****EFFECTIVE SPACE****										
Jan 2015	827	266	831	14548	16472	17118	33590	585	266	458	1309	14548	17118	32974	5350	726	0	26.8
Feb 2015	846	296	841	14909	16891	17016	33907	601	296	467	1364	14909	17016	33288	1500	696	0	26.6
Mar 2015	856	326	840	15073	17095	17061	34156	607	326	466	1399	15073	17061	33533	1500	1045	0	26.3
Apr 2015	815	321	790	15123	17049	17456	34504	560	321	412	1294	15123	17456	33872	1500	1132	0	26.2
May 2015	743	297	703	14825	16569	18022	34591	481	297	306	1084	14825	18022	33932	1500	1019	0	27.4
Jun 2015	618	214	570	13601	15003	18418	33421	344	213	137	694	13601	18418	32714	1500	955	0	28.9
Jul 2015	402	40	524	12171	13138	18788	31926	112	14	39	165	12171	18788	31124	1500	878	0	29.0

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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September 24-Month Study
Date: September 13, 2013

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

Reservoir	August Inflow (unregulated) (acre-feet)	Percent of Average (%)	September 11 Midnight Elevation (feet)	Reservoir Storage (acre-feet)
Fontenelle	32,000	42	6489.48	224,000
Flaming Gorge	22,000	25	6015.35	2,819,000
Blue Mesa	46,000	72	7454.62	339,000
Navajo	43,000	95	6013.77	855,000
Powell	273,000	55	3589.93	10,814,000

Expected Operations

The operation of Lake Powell and Lake Mead in this September 2013 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines), and reflects the 2013 Annual Operating Plan (AOP). Pursuant to the Interim Guidelines, the August 2012 24-Month Study projections of the January 1, 2013, system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2013.

Consistent with Section 6.B of the Interim Guidelines, the Lake Powell operational tier for water year 2013 is the Upper Elevation Balancing Tier. Since the April 2013 24-Month Study projected end of water year elevation at Lake Powell was below the 2013 Equalization Elevation of 3,646.0 feet and the projected end of water year elevation at Lake Mead was above elevation 1,075.0 feet, Section 6.B.1 and 6.B.4 of the Interim Guidelines provide for an annual release volume of 8.23 million acre-feet (maf) from Lake Powell during water year 2013.

Consistent with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar year 2013.

Consistent with Section 6.C.1 of the Interim Guidelines, the Lake Powell operational tier for water year 2014 is the Mid-Elevation Release Tier with an annual release volume of 7.48 maf. This was determined in the August 2013 24-Month study which projected that, with an 8.23 maf annual release pattern in water year 2014, the January 1, 2014, Lake Powell elevation would be below 3,575.0 feet and the Lake Mead elevation would be above 1,025.0 feet.

Consistent with the August 2013 24-Month Study and with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar year 2014.

The tier determinations will be documented in the 2014 AOP, which is currently in the final stages of development.

The Interim Guidelines are available for download at
http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The 2013 AOP is available for download at
http://www.usbr.gov/uc/water/rsvrs/ops/aop/AOP13.pdf.
The Draft 2014 AOP is available for download at
http://www.usbr.gov/lc/region/g4000/AOP2014/AOP14_draft.pdf.

Fontenelle Reservoir – Inflows to Fontenelle Reservoir for the month of August were 32,000 acre-feet (AF), or 42 percent of average. The reservoir elevation is 6489.48 feet, 65 percent of live capacity. Inflows are averaging 500 cubic feet per second (cfs) and are expected to be close to this value over the next month. The peak reservoir elevation occurred on July 22 at elevation 6492.29 feet. Reservoir releases are currently at 700 cfs and are projected to remain at this level through the winter and next spring.

Inflows for the next three months are projected to be below average: with August, September and October forecasted inflow volumes at 25,000 AF (54% of average), 30,000 AF (61% of average), and 30,000 AF (71% of average), respectively. The observed April through July unregulated inflow volume was 317,000 af or 44 percent of the 1981-2010 thirty-year average.

The next Fontenelle Working Group meeting is scheduled for April 23, 2014, at 10:00 am at the Seedskadee National Wildlife Refuge. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir. The autumn Fontenelle Working Group meeting was held on August 23, 2013 at the Joint Powers Water Board in Green River. Minutes from past meetings are posted on the Working Group webpages.

Flaming Gorge Reservoir – Unregulated inflow into Flaming Gorge Reservoir during the month of August was 22,000 acre-feet (AF), or 25 percent of average. The reservoir elevation is 6015.35 feet and decreasing. Observed inflows are approximately 600 cubic feet per second (cfs).

Forecasts remain below average and Flaming Gorge Dam is in the dry hydrologic classification for the base flow period as outlined in the Record of Decision (ROD). Flaming Gorge releases are currently 1,100 cfs following a single-peak fluctuation pattern and are anticipated to remain at this level through September 30, 2013, whereupon they will decrease to steady releases of approximately 820 cfs. The minimum reservoir elevation is projected to reach 6014 feet by October and remain close to that level through the winter before increasing to a peak elevation next year of approximately 6020 feet.

Inflows for the next three months are projected to be below average: with August, September and October forecasted inflow volumes at 19,000 AF (35% of average), 27,000 AF (46% of average), and 31,000 AF (61% of average), respectively. The observed April through July unregulated inflow volume is 361,000 AF or 37 percent of the 1981-2010 thirty-year average.

The next Flaming Gorge Working Group meeting is scheduled for April 2014, at the Utah Department of Natural Resources building in Vernal, Utah. The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stake holders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations and plans presented by Reclamation at these meetings. Meeting notes from past Working Group meetings are posted on the Working Group webpage. For more information on this group and these meetings please contact Ed Vidmar at 801-379-1182.

Aspinall Unit Reservoirs – August unregulated inflow into Blue Mesa Reservoir was 46,000 acre-feet or 72 percent of average. Hydrologic conditions continue to be dry in the basin; however precipitation was slightly above average for the month. June, July, August precipitation was 15, 160, and 125 percent of average respectively. The current inflow rate into Blue Mesa Reservoir is about 700 cfs while reservoir releases are averaging about 1,200 cfs.

Blue Mesa's present elevation is 7454.62 feet, which corresponds to a storage content of about 339,000 acre-feet. The observed April through July runoff into Blue Mesa Reservoir was recorded at 346,500 acre-feet, or 51 percent of average. The reservoir reached a high elevation of 7472.32 feet on June 20, 2013, which was approximately 47.1 feet below "full" pool. Full pool is defined by the top of the spillway gates at elevation 7519.4 feet. Rarely is the reservoir filled to that level due to safety. For practical purposes; the reservoir is considered full at elevations above 7516.4 feet.

Releases from Crystal are currently set at 1250 cfs. The Gunnison Diversion Tunnel is diverting about 800 cfs, which results in a river flow below the diversion tunnel of approximately 500 cfs. These rates will most likely change as conditions warrant, primarily as we respond to changes at the Whitewater gage as flows prescribed in the Aspinall Unit Operations Record of Decision (ROD). The ROD calls for keeping flows at the Whitewater gage at or above 900 cfs.

The last meeting of the "Aspinall Unit Working Group" was held on Thursday, September 5, 2013 at the Elk Creek Visitors Center at Blue Mesa Reservoir. At this meeting, review of this spring's reservoir operations, and plans for this summer and fall operations were discussed. These meetings are open forum discussions on the Aspinall Unit reservoir operations with many interested groups participating. Anyone needing further information about these meetings should contact Dan Crabtree in the Grand Junction Area Office at (970) 248-0652.

Navajo Reservoir – As a result of increasing flows in the San Juan River Basin, and continued forecasted precipitation, the Bureau of Reclamation decreased the release from Navajo Reservoir from 500 cfs (cubic feet per second) to 350 cfs on Thursday, September 12, at 10:00 a.m. Releases are made for the authorized purposes of the Navajo Unit, and to attempt to maintain a target base flow through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell).

The San Juan River Basin Recovery Implementation Program recommends a target base flow of between 500 cfs and 1,000 cfs through the critical habitat area. The target base flow is calculated as the weekly average of gaged flows throughout the critical habitat area.

Navajo was at 6014.89 ft of pool elevation and 865,126 acre-ft of storage by the end of August, the lowest end-of-August storage since 2003, and the 2nd lowest since 1981. Total observed inflow for the month of August was 53,221 acre-ft, which was 86% of average (modified-unregulated inflow volume of 42,699 acre-ft, or 95% of average). Calculated evaporation for the month was 2,551 acre-ft. The reservoir lost an average of 783 acre-ft per day throughout August, including NIIP diversions and evaporation. The outlet works release ranged from 900 cfs to 500 cfs. NIIP diverted a total of 33,705 acre-ft in the month of August. Modified unregulated inflow for April-July totaled 267,178 which is 36% of average.

As of September 5th, the release at Navajo is 500 cfs, and the observed inflow is 548 cfs. The pool elevation is 6014.23 ft and the content is 859,221 acre-ft, or 51% full (19% of Active). NIIP is diverting at a rate of 627 cfs. The San Juan River at Four Corners USGS gage is at 656 cfs and the Animas River at Farmington USGS gage is at 162 cfs.

The most probable modified-unregulated inflow forecast for September at Navajo is 32,000 acre-ft (76% of average), for October is 30,000 acre-ft (64% of average), and for November is 25,000 acre-ft (75% of average). Modified unregulated inflow is defined as

the predicted hydrologic inflow volume into Navajo plus the change in storage at Vallecito Reservoir and the San-Juan Chama diversion volume.

The next public meeting is scheduled for January 21st, 2014. These meetings are open forum discussions on the operation of Navajo Reservoir with many interested groups participating. Anyone interested in the general operation of the reservoir is encouraged to attend. Please contact Ryan Christianson in Reclamation's Durango, Colorado Office at (970) 385-6590 for information about these meetings or the daily operation of Navajo Reservoir.

Glen Canyon Dam / Lake Powell – **Current Status**

The unregulated inflow volume to Lake Powell in August was 273 thousand acre-feet (kaf) (55% of average). The release volume from Glen Canyon Dam in August was 801 kaf. The end of August elevation and storage of Lake Powell were 3589.6 feet (110 feet from full pool) and 10.79 million acre-feet (maf) (44% of full capacity), respectively. The reservoir elevation peaked in mid-June at 3601.2 ft and is now declining. The elevation will continue to decline through the fall and winter until spring runoff in 2014.

Current Operations

The operating tier for water year 2013 is the Upper Elevation Balancing Tier, as established in August 2012 and pursuant to the Interim Guidelines. Since the April 2013 projected end of water year elevation at Lake Powell was below the 2013 Equalization Elevation of 3,646.0 feet and the projected end of water year elevation at Lake Mead was above elevation 1,075.0 feet, Section 6.B.1 and 6.B.4 of the Interim Guidelines provide for an annual release volume of 8.23 maf from Lake Powell during water year 2013. Reclamation will schedule operations at Glen Canyon Dam to achieve as practicably as possible an 8.23 maf annual release volume by September 30, 2013.

Releases from Glen Canyon Dam in September are currently averaging approximately 10,600 cfs with daily fluctuations between approximately 6,600 cfs at nighttime and approximately 12,600 cfs during the daytime and consistent with the Glen Canyon Operating Criteria (Federal Register, Volume 62, No. 41, March 3, 1997). The scheduled release volume for September 2013 is 600 kaf.

In October, the release volume will likely be about 480 kaf, with daily fluctuations for hydropower between approximately 5,000 cfs in the nighttime and approximately 10,000 cfs in the daytime. The anticipated release volume for November is 500 kaf with fluctuations for power generation throughout the day consistent with the Glen Canyon Operating Criteria (Federal Register, Volume 62, No. 41, March 3, 1997). However, the release volume may be adjusted in November in the event of a high flow experimental release.

In addition to daily scheduled fluctuations for power generation, the instantaneous releases from Glen Canyon Dam may also fluctuate to provide 40 MW of system regulation. These instantaneous release adjustments stabilize the electrical generation

and transmission system and translate to a range of about 1,200 cfs above or below the hourly scheduled release rate. Under system normal conditions, fluctuations for regulation are typically short lived and generally balance out over the hour with minimal or no noticeable impacts on downstream river flow conditions.

Releases from Glen Canyon Dam can also fluctuate beyond scheduled fluctuations for power generation when called upon as a partner that shares reserve requirements within the electrical generator community (i.e. balancing area). Reserves provide system reliability in the event of an unscheduled outage. Glen Canyon Dam typically maintains 43 MW of reserves (approximately 1,200 cfs). Reserve calls can be maintained for a maximum of 2 hours after which time the generation rate should be returned to the original schedule. If reserves from Glen Canyon Dam are called upon, releases from the dam can exceed scheduled levels and can have a noticeable impact on the river downstream from Glen Canyon Dam. Calls for reserves are fairly infrequent and typically are for much less than 43 MW.

Inflow Forecasts and Model Projections

The hydrologic forecast for Lake Powell, issued by the Colorado Basin River Forecast Center, projects that the most probable (median) unregulated inflow volume for water year 2013 will be 4.46 maf (41% of average based on the period 1981-2010). The water year 2013 forecast increased slightly from last month, due to higher than expected inflows in August. Based on the current forecast, the September 24-Month study projects Lake Powell elevation will decline approximately 3 feet through September and end the water year at 3586.4 feet with 10.5 maf in storage (43% capacity). The annual release volume from Lake Powell during water year 2013 is scheduled to be 8.23 maf. Reclamation will schedule operations at Glen Canyon Dam to achieve as practicably as possible an 8.23 maf annual release volume by September 30, 2013.

The hydrologic forecast for water year 2014 for Lake Powell, issued by the Colorado Basin River Forecast Center, projects that the most probable (median) unregulated inflow volume will be 8.41 maf (78% of average based on the period 1981-2010). At this early point in the season, there is significant uncertainty regarding next year's water supply. The forecast ranges from a minimum probable of 5.0 maf (46% of average) to a maximum probable of 15.5 maf (143% of average). There is a 10% chance that inflows could be higher than the maximum probable and a 10% chance they could be lower than the minimum probable.

Consistent with Section 6.C.1 of the Interim Guidelines, the Lake Powell operational tier for water year 2014 is the Mid-Elevation Release Tier with an annual release volume of 7.48 maf. This was determined in the August 2013 24-Month study tier determination run which projected that, with an 8.23 maf annual release pattern in water year 2014, the January 1, 2014, Lake Powell elevation would be below 3,575.0 feet and the Lake Mead elevation would be above 1,025.0 feet. This determination will be documented in the 2014 AOP, which is currently in the final stages of development.

Upper Colorado River Basin Hydrology –

Since 2005 the Upper Colorado River Basin has experienced significant year to year hydrologic variability. During the period 2005 through 2012, the unregulated inflow to Lake Powell, which is a good measure of hydrologic conditions in the Colorado River Basin, averaged a water year volume of 10.22 maf (94% of average (period 1981-2010)). The unregulated inflow has ranged from a low of 4.91 maf (45% of average) in water year 2012 to a high of 15.97 maf (147% of average) in water year 2011. This has been an improvement over the persistent drought conditions of 2000 to 2004, which averaged a water year unregulated inflow of 5.73 maf. However, based on observed inflows and current forecasts, water year 2013 unregulated inflow is expected to be 4.46 maf (41% of average), which would be a second significantly below-average year in a row. If this occurs, the period 2000-2013 would be the driest 14-year period on record with an average annual unregulated inflow of 8.20 maf per year. (For comparison, the standard 1981-2010 period average is 10.83 maf).

At the beginning of water year 2013, total system storage in the Colorado River Basin was 33.9 maf (57 % of capacity), which was an increase of about 4 maf since water year 2005 which began at 29.8 maf (50% of capacity). Since 2005, however, total Colorado Basin storage has experienced year to year increases and decreases in response to wet and dry hydrology. In addition, conditions in both 2012 and 2013 have been significantly drier than average and based on observed inflows and current forecasts, the current projected end of water year 2013 total Colorado Basin reservoir storage is approximately 27.1 maf (45% of capacity).

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-430
125 SOUTH STATE STREET, ROOM 6107
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-3709

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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:	Obs			aug	Forecast			Observed	
:	may	jun	jul	aug	%Avg	sep	oct	nov	apr-jul %Avg
GLDA3:Lake Powell	1122	939	143	273	55%:	200/	320/	330/	2559/: 36%
GBRW4:Fontenelle	108	91	67	32	42%:	25/	30/	30/	317/: 44%
GRNU1:Flaming Gorge	135	91	66	22	25%:	19/	27/	31/	361/: 37%
BMDC2:Blue Mesa	133	126	44	46	72%:	28/	27/	23/	346/: 51%
MPSC2:Morrow Point	148	132	45	46	69%:	29/	28/	24/	374/: 51%
CLSC2:Crystal	161	144	48	50	67%:	32/	32/	27/	408/: 49%
TPIC2:Taylor Park	21	26	8.9	6.6	64%:	5.5/	5/	4/	62/: 63%
VCRC2:Vallecito	49	19.3	7.9	12.9	65%:	10/	9/	5.8/	91/: 47%
NVRN5:Navajo	154	40	1.88	43	95%:	32/	30/	25/	267/: 36%
LEMC2:Lemon	13.5	4.1	1.70	2.8	57%:	2.2/	1.5/	1/	23/: 42%
MPHC2:McPhee	50	13.6	6.4	12.2e	76%:	7.2/	5.5/	4/	87/: 29%
RBSC2:Ridgway	17.3	17.3	8.4	11.6	79%:	7.2/	6/	4.4/	51/: 50%:

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2013 24-Month Study

Most Probable Inflow*

Fontenelle Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Sep 2012	23	2	46	8	54	6495.11	263
	WY 2012	**825**	**15**	**750**	**94**	**845**		
H	Oct 2012	29	1	25	28	53	6491.56	238
I	Nov 2012	35	1	22	28	51	6489.08	221
S	Dec 2012	28	1	52	0	52	6485.19	196
T	Jan 2013	23	1	53	0	53	6479.94	166
O	Feb 2013	23	0	48	0	48	6475.03	141
R	Mar 2013	41	0	52	0	52	6472.41	129
I	Apr 2013	51	1	51	0	51	6472.25	128
C	May 2013	108	1	51	0	51	6483.26	185
A	Jun 2013	91	2	47	0	48	6489.79	226
L	Jul 2013	67	2	48	0	48	6492.28	243
*	Aug 2013	32	2	43	0	43	6490.28	229
	Sep 2013	25	2	42	0	42	6487.51	212
	WY 2013	**552**	**14**	**534**	**57**	**591**		
	Oct 2013	30	1	43	0	43	6485.31	198
	Nov 2013	30	1	42	0	42	6483.29	186
	Dec 2013	23	1	43	0	43	6479.67	165
	Jan 2014	22	1	43	0	43	6475.38	143
	Feb 2014	21	0	39	0	39	6471.39	125
	Mar 2014	38	0	43	0	43	6470.12	120
	Apr 2014	65	1	74	0	74	6467.71	110
	May 2014	122	1	92	0	92	6474.31	138
	Jun 2014	265	2	101	0	101	6500.16	300
	Jul 2014	166	3	101	18	118	6505.92	345
	Aug 2014	62	2	74	0	74	6504.15	331
	Sep 2014	41	2	36	32	68	6500.36	302
	WY 2014	**885**	**14**	**731**	**50**	**781**		
	Oct 2014	45	1	71	0	71	6496.75	275
	Nov 2014	41	1	68	0	68	6492.72	246
	Dec 2014	32	1	71	0	71	6486.76	207
	Jan 2015	30	1	71	0	71	6479.87	166
	Feb 2015	28	0	64	0	64	6472.34	129
	Mar 2015	53	0	71	0	71	6467.99	111
	Apr 2015	85	1	71	0	71	6471.19	124
	May 2015	164	1	99	5	105	6482.72	182
	Jun 2015	299	2	103	76	179	6500.23	301
	Jul 2015	178	3	101	32	132	6505.70	343
	Aug 2015	77	2	80	0	80	6504.98	338

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2013 24-Month Study

Most Probable Inflow*

Flaming Gorge Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	Sep 2012	19	50	10	68	0	68	122	6021.43	3030	79
	WY 2012	**990**	**1010**	**78**	**1366**	**20**	**1386**				**2278**
H	Oct 2012	24	48	7	52	0	52	122	6021.15	3020	71
I	Nov 2012	39	55	3	49	0	49	122	6021.23	3023	75
S	Dec 2012	25	50	2	70	0	70	121	6020.63	3002	219
T	Jan 2013	24	53	2	74	0	74	120	6020.03	2981	579
O	Feb 2013	30	55	2	67	0	67	119	6019.65	2967	415
R	Mar 2013	64	76	3	53	0	53	120	6020.19	2986	109
I	Apr 2013	69	69	5	50	0	50	121	6020.57	3000	150
C	May 2013	135	77	7	67	0	67	121	6020.65	3003	438
A	Jun 2013	91	48	10	135	3	138	117	6017.91	2906	375
L	Jul 2013	66	47	12	68	0	68	116	6016.99	2875	100
*	Aug 2013	22	33	11	68	0	68	114	6015.71	2831	87
	Sep 2013	19	36	10	65	0	65	112	6014.58	2793	65
	WY 2013	**608**	**647**	**74**	**817**	**3**	**820**				**2684**
	Oct 2013	27	40	6	50	0	50	112	6014.10	2776	50
	Nov 2013	31	43	3	48	0	48	111	6013.87	2769	48
	Dec 2013	22	42	2	49	0	49	111	6013.62	2760	49
	Jan 2014	27	48	2	49	0	49	111	6013.54	2758	49
	Feb 2014	32	50	2	44	0	44	111	6013.65	2761	44
	Mar 2014	78	83	3	49	0	49	112	6014.54	2791	49
	Apr 2014	111	120	4	48	0	48	115	6016.47	2857	48
	May 2014	160	130	7	102	0	102	116	6017.07	2878	102
	Jun 2014	285	121	9	94	0	94	116	6017.56	2894	94
	Jul 2014	187	139	12	56	0	56	119	6019.52	2963	56
	Aug 2014	72	84	12	56	0	56	120	6019.96	2978	56
	Sep 2014	48	75	10	54	0	54	120	6020.25	2989	54
	WY 2014	**1080**	**976**	**72**	**700**	**0**	**700**				**700**
	Oct 2014	54	79	7	56	0	56	121	6020.71	3005	56
	Nov 2014	49	77	3	54	0	54	122	6021.23	3023	54
	Dec 2014	35	74	2	56	0	56	122	6021.66	3039	56
	Jan 2015	40	81	2	56	0	56	123	6022.28	3061	56
	Feb 2015	45	81	2	51	0	51	124	6023.03	3088	51
	Mar 2015	102	120	3	56	0	56	127	6024.65	3147	56
	Apr 2015	134	119	5	54	0	54	129	6026.21	3205	54
	May 2015	245	186	8	108	0	108	132	6028.01	3273	108
	Jun 2015	390	269	11	158	0	158	135	6030.54	3370	158
	Jul 2015	210	165	14	98	0	98	138	6031.84	3420	98
	Aug 2015	89	92	13	98	0	98	137	6031.36	3402	98

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2013 24-Month Study

Most Probable Inflow*

Taylor Park Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Sep 2012	4	6	9300.80	56
	WY 2012	**80**	**95**		
H	Oct 2012	4	4	9301.04	57
I	Nov 2012	3	3	9301.07	57
S	Dec 2012	3	3	9301.09	57
T	Jan 2013	3	3	9301.07	57
O	Feb 2013	3	3	9301.01	57
R	Mar 2013	3	3	9301.27	57
I	Apr 2013	6	4	9302.94	59
C	May 2013	21	7	9312.29	74
A	Jun 2013	26	12	9320.43	88
L	Jul 2013	9	15	9316.95	81
*	Aug 2013	7	14	9312.37	74
	Sep 2013	6	12	9308.43	67
	WY 2013	**94**	**83**		
	Oct 2013	5	5	9308.17	67
	Nov 2013	4	4	9308.17	67
	Dec 2013	4	4	9308.17	67
	Jan 2014	4	4	9307.85	67
	Feb 2014	3	4	9307.06	65
	Mar 2014	3	4	9306.54	65
	Apr 2014	6	4	9307.98	67
	May 2014	25	12	9315.93	80
	Jun 2014	39	18	9327.26	101
	Jul 2014	14	20	9324.17	95
	Aug 2014	8	20	9317.65	83
	Sep 2014	7	16	9312.19	73
	WY 2014	**121**	**115**		
	Oct 2014	6	12	9308.60	68
	Nov 2014	5	6	9307.93	67
	Dec 2014	5	6	9307.06	65
	Jan 2015	4	6	9305.97	64
	Feb 2015	4	6	9304.48	61
	Mar 2015	4	6	9303.41	60
	Apr 2015	9	6	9305.30	63
	May 2015	28	12	9315.48	79
	Jun 2015	42	20	9327.24	101
	Jul 2015	20	20	9327.31	101
	Aug 2015	10	20	9322.26	91

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2013 24-Month Study

Most Probable Inflow*

Blue Mesa Reservoir

	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Sep 2012	19	21	1	67	0	67	7454.82	340
	WY 2012	**427**	**442**	**7**	**793**	**0**	**793**		
H	Oct 2012	20	20	0	33	0	33	7452.55	327
I	Nov 2012	19	19	0	19	0	19	7452.39	326
S	Dec 2012	18	18	0	16	0	16	7452.65	328
T	Jan 2013	16	16	0	15	0	15	7452.77	328
O	Feb 2013	16	16	0	15	0	15	7452.95	329
R	Mar 2013	23	23	0		0	16	7454.12	336
I	Apr 2013	43	41	1	38	0	38	7454.46	338
C	May 2013	133	119	1	58	0	58	7464.34	399
A	Jun 2013	126	111	1	69	0	69	7470.58	440
L	Jul 2013	44	51	1	98	0	98	7463.20	391
*	Aug 2013	46	54	1	89	0	89	7457.29	355
	Sep 2013	28	34	1	76	0	76	7449.97	312
	WY 2013	**532**	**521**	**6**	**526**	**0**	**542**		
	Oct 2013	27	27	0	44	0	44	7446.88	295
	Nov 2013	23	23	0	14	0	14	7448.51	304
	Dec 2013	21	21	0	14	0	14	7449.75	311
	Jan 2014	18	19	0	16	0	16	7450.17	314
	Feb 2014	16	17	0	12	0	12	7451.07	319
	Mar 2014	28	29	0	16	0	16	7453.26	331
	Apr 2014	60	58	1	29	0	29	7458.04	359
	May 2014	188	175	1	100	0	100	7469.65	433
	Jun 2014	240	219	1	34	0	34	7494.55	617
	Jul 2014	92	98	1	92	0	92	7495.12	622
	Aug 2014	50	62	1	97	0	97	7490.56	586
	Sep 2014	37	46	1	72	0	72	7487.12	559
	WY 2014	**800**	**794**	**7**	**540**	**0**	**540**		
	Oct 2014	38	43	0	41	0	41	7487.35	561
	Nov 2014	31	32	0	12	0	12	7489.97	581
	Dec 2014	26	27	0	27	0	27	7490.00	581
	Jan 2015	24	26	0	55	0	55	7486.20	552
	Feb 2015	22	25	0	55	0	55	7482.11	522
	Mar 2015	36	38	0	32	0	32	7482.81	527
	Apr 2015	77	74	1	50	0	50	7485.96	550
	May 2015	221	205	1	120	0	120	7496.65	634
	Jun 2015	261	239	1	80	0	80	7515.23	792
	Jul 2015	117	117	2	105	0	105	7516.40	802
	Aug 2015	63	73	1	121	0	121	7510.87	753

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2155

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2013 24-Month Study

Most Probable Inflow*

Morrow Point Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Sep 2012	19	67	0	68	71	0	71	7150.03	109
	WY 2012	**447**	**793**	**21**	**814**	**811**	**0**	**811**		
H	Oct 2012	22	33	1	34	40	0	40	7142.80	104
I	Nov 2012	20	19	1	20	16	0	16	7148.49	108
S	Dec 2012	18	16	1	17	18	0	18	7146.50	106
T	Jan 2013	17	15	1	16	17	0	17	7144.75	105
O	Feb 2013	17	15	1	15	16	0	16	7144.30	105
R	Mar 2013	24	16	1	17	17	0	17	7144.36	105
I	Apr 2013	49	38	6	44	42	0	42	7146.71	107
C	May 2013	148	58	15	72	67	0	67	7154.02	112
A	Jun 2013	132	69	6	75	75	0	75	7154.39	113
L	Jul 2013	45	98	0	98	99	0	99	7153.53	112
*	Aug 2013	46	89	0	90	89	0	89	7154.91	113
	Sep 2013	29	76	1	77	78	0	78	7153.73	112
	WY 2013	**566**	**542**	**34**	**576**	**572**	**0**	**572**		
	Oct 2013	28	44	1	45	45	0	45	7153.73	112
	Nov 2013	24	14	1	15	15	0	15	7153.73	112
	Dec 2013	22	14	1	15	15	0	15	7153.73	112
	Jan 2014	19	16	1	17	17	0	17	7153.73	112
	Feb 2014	18	12	2	14	14	0	14	7153.73	112
	Mar 2014	31	16	3	19	19	0	19	7153.73	112
	Apr 2014	69	29	9	38	38	0	38	7153.73	112
	May 2014	209	100	21	121	121	0	121	7153.73	112
	Jun 2014	255	34	15	49	49	0	49	7153.73	112
	Jul 2014	96	92	4	96	96	0	96	7153.73	112
	Aug 2014	53	97	3	100	100	0	100	7153.73	112
	Sep 2014	39	72	2	74	74	0	74	7153.73	112
	WY 2014	**863**	**540**	**63**	**603**	**603**	**0**	**603**		
	Oct 2014	40	41	2	43	43	0	43	7153.73	112
	Nov 2014	33	12	2	14	14	0	14	7153.73	112
	Dec 2014	28	27	2	29	29	0	29	7153.73	112
	Jan 2015	27	55	2	57	57	0	57	7153.73	112
	Feb 2015	25	55	3	58	58	0	58	7153.73	112
	Mar 2015	40	32	4	36	36	0	36	7153.73	112
	Apr 2015	88	50	11	61	61	0	61	7153.73	112
	May 2015	247	120	26	146	146	0	146	7153.73	112
	Jun 2015	281	80	20	100	100	0	100	7153.73	112
	Jul 2015	123	105	6	111	111	0	111	7153.73	112
	Aug 2015	67	121	3	124	124	0	124	7153.73	112

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2013 24-Month Study

Most Probable Inflow*

Crystal Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
*	Sep 2012	22	71	2	74	63	11	74	6743.29	14	45	33
	WY 2012	**498**	**811**	**51**	**862**	**824**	**38**	**862**			**397**	**497**
H	Oct 2012	24	40	3	42	40	0	40	6750.72	16	20	20
I	Nov 2012	23	16	4	19	21	0	21	6746.77	15	1	19
S	Dec 2012	22	18	4	22	22	0	22	6749.11	16	1	20
T	Jan 2013	20	17	4	21	19	2	21	6747.09	15	0	20
O	Feb 2013	20	16	3	19	10	9	19	6745.57	15	0	19
R	Mar 2013	29	17	5	21	22	0	22	6744.50	15	0	22
I	Apr 2013	55	42	7	49	51	0	51	6738.38	13	33	20
C	May 2013	161	67	13	80	80	0	80	6736.96	13	66	18
A	Jun 2013	144	75	11	86	84	0	84	6744.76	15	65	25
L	Jul 2013	49	99	4	103	101	1	102	6748.24	16	67	41
*	Aug 2013	50	89	3	92	92	1	93	6745.72	15	62	35
	Sep 2013	32	78	3	81	79	0	79	6753.04	17	55	24
	WY 2013	**629**	**572**	**63**	**635**	**619**	**14**	**632**			**370**	**283**
	Oct 2013	32	45	4	49	49	0	49	6753.04	17	30	19
	Nov 2013	27	15	3	18	18	0	18	6753.04	17	0	18
	Dec 2013	26	15	4	19	19	0	19	6753.04	17	0	19
	Jan 2014	21	17	2	19	19	0	19	6753.04	17	0	19
	Feb 2014	21	14	3	17	17	0	17	6753.04	17	0	17
	Mar 2014	36	19	5	24	24	0	24	6753.04	17	5	19
	Apr 2014	79	38	10	48	48	0	48	6753.04	17	30	18
	May 2014	235	121	26	147	134	13	147	6753.04	17	55	92
	Jun 2014	284	49	29	78	78	0	78	6753.04	17	60	18
	Jul 2014	105	96	9	105	105	0	105	6753.04	17	65	40
	Aug 2014	58	100	5	105	105	0	105	6753.04	17	65	40
	Sep 2014	44	74	5	79	79	0	79	6753.04	17	55	24
	WY 2014	**968**	**603**	**105**	**708**	**695**	**13**	**708**			**365**	**343**
	Oct 2014	45	43	5	48	48	0	48	6753.04	17	30	18
	Nov 2014	37	14	4	18	18	0	18	6753.04	17	0	18
	Dec 2014	32	29	5	33	33	0	33	6753.04	17	0	33
	Jan 2015	31	57	5	62	62	0	62	6753.04	17	0	62
	Feb 2015	29	58	4	61	61	0	61	6753.04	17	0	61
	Mar 2015	46	36	6	42	42	0	42	6753.04	17	5	37
	Apr 2015	101	61	12	74	74	0	74	6753.04	17	30	44
	May 2015	281	146	34	180	134	46	180	6753.04	17	55	125
	Jun 2015	315	100	34	134	130	4	134	6753.04	17	60	74
	Jul 2015	138	111	14	125	125	0	125	6753.04	17	65	60
	Aug 2015	75	124	8	133	133	0	133	6753.04	17	65	68

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2013 24-Month Study

Most Probable Inflow*

Vallecito Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Sep 2012	4	22	7624.48	36
	WY 2012	**168**	**188**		
H	Oct 2012	3	3	7624.51	36
I	Nov 2012	3	1	7625.69	37
S	Dec 2012	3	0	7627.33	40
T	Jan 2013	3	0	7629.10	43
O	Feb 2013	3	0	7630.60	46
R	Mar 2013	4	0	7632.64	50
I	Apr 2013	15	1	7639.26	63
C	May 2013	49	31	7647.20	80
A	Jun 2013	19	35	7639.75	64
L	Jul 2013	8	32	7626.95	40
*	Aug 2013	13	26	7617.79	26
	Sep 2013	10	12	7616.10	24
	WY 2013	**134**	**143**		
	Oct 2013	9	5	7619.26	28
	Nov 2013	6	0	7623.15	34
	Dec 2013	5	0	7626.14	38
	Jan 2014	4	0	7628.33	42
	Feb 2014	3	0	7630.08	45
	Mar 2014	6	0	7633.00	50
	Apr 2014	18	0	7641.58	68
	May 2014	64	9	7663.72	122
	Jun 2014	66	63	7664.53	124
	Jul 2014	26	42	7658.43	108
	Aug 2014	18	38	7650.31	88
	Sep 2014	15	30	7643.89	73
	WY 2014	**240**	**188**		
	Oct 2014	14	17	7642.43	70
	Nov 2014	8	4	7644.19	73
	Dec 2014	6	4	7644.97	75
	Jan 2015	5	4	7645.36	76
	Feb 2015	5	4	7645.69	77
	Mar 2015	9	3	7647.98	82
	Apr 2015	23	3	7656.16	102
	May 2015	71	48	7664.96	125
	Jun 2015	70	70	7664.91	125
	Jul 2015	29	42	7659.98	112
	Aug 2015	20	38	7652.71	94

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2013 24-Month Study

Most Probable Inflow*

Navajo Reservoir

	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azetea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Farmington Flow (1000 Ac-Ft)
*	Sep 2012	-2	0	17	2	22	58	6032.62	1035	56
	WY 2012	**523**	**53**	**490**	**26**	**236**	**521**			**814**
H	Oct 2012	3	0	3	1	11	40	6027.78	986	43
I	Nov 2012	9	0	7	1	0	23	6026.11	970	32
S	Dec 2012	12	0	9	0	0	22	6024.73	957	30
T	Jan 2013	14	0	11	0	0	20	6023.77	947	
O	Feb 2013	13	0	10	1	0	19	6022.74	938	36
R	Mar 2013	31	1	26	1	6	22	6022.39	934	33
I	Apr 2013	71	7	53	2	21	36	6021.77	928	40
C	May 2013	154	17	118	3	36	17	6028.15	990	93
A	Jun 2013	40	8	46	3	42	33	6024.88	958	50
L	Jul 2013	2	1	25	3	40	51	6017.54	889	53
*	Aug 2013	43	3	53	3	34	41	6014.89	865	58
	Sep 2013	32	0	34	2	26	40	6010.97	830	40
	WY 2013	**424**	**37**	**395**	**20**	**216**	**363**			**507**
	Oct 2013	30	0	26	1	7	15	6011.21	833	15
	Nov 2013	25	0	19	1	0	15	6011.67	837	15
	Dec 2013	18	0	13	0	0	15	6011.39	834	15
	Jan 2014	16	0	12	0	0	28	6009.57	818	28
	Feb 2014	21	0	18	1	0	25	6008.67	811	25
	Mar 2014	65	2	57	1	2	25	6012.02	840	25
	Apr 2014	130	14	98	2	18	20	6018.60	899	20
	May 2014	245	37	153	3	33	15	6029.31	1002	15
	Jun 2014	180	32	145	3	48	15	6036.93	1080	15
	Jul 2014	45	6	54	4	53	31	6033.71	1046	31
	Aug 2014	35	2	53	3	46	51	6029.14	1000	51
	Sep 2014	32	0	46	2	26	39	6027.02	979	39
	WY 2014	**842**	**94**	**696**	**21**	**233**	**294**			**294**
	Oct 2014	39	1	40	1	7	27	6027.61	985	27
	Nov 2014	31	1	26	1	0	18	6028.32	992	18
	Dec 2014	25	0	23	1	0	23	6028.28	991	23
	Jan 2015	22	0	21	0	0	25	6027.87	987	25
	Feb 2015	30	0	29	1	0	22	6028.52	994	22
	Mar 2015	92	2	84	1	2	25	6034.09	1050	25
	Apr 2015	170	14	136	2	18	28	6042.36	1139	28
	May 2015	277	37	217	3	33	39	6054.54	1280	39
	Jun 2015	224	32	191	4	49	101	6057.50	1316	101
	Jul 2015	66	6	72	4	54	38	6055.51	1292	38
	Aug 2015	45	2	61	3	46	53	6052.10	1250	53

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2013 24-Month Study

Most Probable Inflow*

Lake Powell

	Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry Gage (1000 Ac-Ft)
*	Sep 2012	104	296	54	481	0	481	3621.56	5168	13929	478
	WY 2012	**4908**	**5964**	**455**	**9466**	**0**	**9466**				**9527**
H	Oct 2012	190	294	37	498	0	498	3619.46	5150	13706	495
I	Nov 2012	246	273	35	652	78	730	3615.10	5114	13251	736
S	Dec 2012	201	247	27	801	0	801	3609.82	5071	12713	800
T	Jan 2013	168	230	8	801	0	801	3604.42	5028	12177	801
O	Feb 2013	262	300	9	600	0	600	3601.47	5005	11891	595
R	Mar 2013	362	357	14	601	0	601	3598.96	4986	11651	594
I	Apr 2013	355	326	22	551	0	551	3596.53	4967	11422	547
C	May 2013	1122	925	26	602	0	602	3599.44	4989	11697	591
A	Jun 2013	939	907	42	800	0	800	3600.07	4994	11757	800
L	Jul 2013	143	298	49	848	0	848	3594.17	4950	11202	862
*	Aug 2013	273	401	47	801	0	801	3589.64	4917	10788	815
	Sep 2013	200	328	43	600	0	600	3586.38	4893	10496	614
	WY 2013	**4460**	**4884**	**360**	**8154**	**78**	**8232**				**8251**
	Oct 2013	320	353	29	480	0	480	3584.75	4882	10352	491
	Nov 2013	330	327	28	500	0	500	3582.63	4867	10166	509
	Dec 2013	250	268	22	600	0	600	3578.81	4841	9838	612
	Jan 2014	250	282	6	800	0	800	3573.01	4802	9352	813
	Feb 2014	300	312	7	600	0	600	3569.66	4780	9080	610
	Mar 2014	490	414	11	600	0	600	3567.38	4765	8897	611
	Apr 2014	800	627	18	500	0	500	3568.64	4774	8998	512
	May 2014	2000	1694	22	600	0	600	3580.59	4853	9990	611
	Jun 2014	2150	1669	38	600	0	600	3591.36	4929	10944	611
	Jul 2014	820	735	47	800	0	800	3590.22	4921	10840	819
	Aug 2014	390	484	46	800	0	800	3586.48	4894	10505	821
	Sep 2014	310	385	42	600	0	600	3583.78	4875	10267	614
	WY 2014	**8410**	**7549**	**317**	**7480**	**0**	**7480**				**7634**
	Oct 2014	430	431	29	480	0	480	3582.96	4869	10195	491
	Nov 2014	435	409	28	500	0	500	3581.70	4861	10085	509
	Dec 2014	363	383	22	600	0	600	3579.11	4843	9864	612
	Jan 2015	361	410	7	800	0	800	3574.75	4813	9497	813
	Feb 2015	393	424	7	600	0	600	3572.70	4800	9327	610
	Mar 2015	665	552	12	600	0	600	3572.02	4795	9272	611
	Apr 2015	1056	838	19	500	0	500	3575.60	4819	9568	512
	May 2015	2343	1937	24	600	0	600	3589.59	4916	10783	611
	Jun 2015	2666	2212	41	600	0	600	3605.04	5033	12238	611
	Jul 2015	1091	1000	52	800	0	800	3606.43	5044	12374	819
	Aug 2015	500	623	52	800	0	800	3604.27	5027	12162	821

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2013 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Glen Release (1000 Ac-Ft)	Side Inflow Glen to Hoover (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Sep 2012	481	97	67	635	10.7	18	634	854	1115.16	13135
	WY 2012	**9466**	**730**	**638**	**9421**		**227**	**9356**			
H	Oct 2012	498	53	49	346	5.6	20	331	862	1116.50	13263
I	Nov 2012	730	60	49	650	10.9	14	649	867	1117.24	13334
S	Dec 2012	801	50	43	476	7.7	11	432	886	1120.36	13636
T	Jan 2013	801	56	35	609	9.9	9	591	899	1122.32	13828
O	Feb 2013	600	68	32	646	11.6	8	644	898	1122.14	13810
R	Mar 2013	601	69	36	987	16.1	15	986	875	1118.59	13465
I	Apr 2013	551	37	44	1103	18.5	20	1102	840	1112.91	12921
C	May 2013	602	28	50	1007	16.4	27	1008	812	1108.36	12495
A	Jun 2013	800	1	59	948	15.9	28	947	798	1105.98	12276
L	Jul 2013	848	113	73	865	14.1	28	858	798	1105.92	12270
*	Aug 2013	801	129	78	808	13.1	24	791	799	1106.13	12289
	Sep 2013	600	81	64	596	10.0	18	596	799	1106.16	12292
	WY 2013	**8232**	**747**	**612**	**9040**		**223**	**8933**			
	Oct 2013	480	54	47	548	8.9	17	548	794	1105.36	12219
	Nov 2013	500	44	46	631	10.6	23	631	785	1103.75	12072
	Dec 2013	600	99	40	512	8.3	18	512	793	1105.08	12193
	Jan 2014	800	81	33	718	11.7	16	718	800	1106.26	12301
	Feb 2014	600	94	30	714	12.9	18	714	795	1105.56	12237
	Mar 2014	600	77	34	1030	16.8	21	1030	770	1101.32	11854
	Apr 2014	500	80	41	1115	18.7	14	1115	734	1095.07	11300
	May 2014	600	64	46	1002	16.3	24	1002	710	1090.68	10916
	Jun 2014	600	33	55	939	15.8	22	939	686	1086.49	10556
	Jul 2014	800	55	68	861	14.0	28	861	680	1085.35	10459
	Aug 2014	800	109	72	827	13.5	23	827	679	1085.20	10446
	Sep 2014	600	81	59	634	10.7	19	634	677	1084.86	10418
	WY 2014	**7480**	**870**	**570**	**9533**		**243**	**9533**			
	Oct 2014	480	54	43	465	7.6	17	465	678	1084.96	10426
	Nov 2014	500	44	43	610	10.3	23	610	670	1083.49	10302
	Dec 2014	600	99	37	500	8.1	18	500	678	1085.08	10437
	Jan 2015	800	81	30	726	11.8	16	726	685	1086.28	10539
	Feb 2015	600	94	28	696	12.5	18	696	682	1085.75	10493
	Mar 2015	600	77	31	1045	17.0	22	1045	656	1081.05	10098
	Apr 2015	500	80	38	1132	19.0	14	1132	620	1074.14	9531
	May 2015	600	64	42	1019	16.6	24	1019	594	1069.18	9135
	Jun 2015	600	33	50	955	16.0	23	955	570	1064.45	8764
	Jul 2015	800	55	62	878	14.3	29	878	563	1063.07	8657
	Aug 2015	800	109	65	842	13.7	24	842	561	1062.79	8636

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2013 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Sep 2012	635	-5	18	723	0	723	12.1	639.55	1605
	WY 2012	**9421**	**-177**	**197**	**9051**	**0**	**9051**			
H	Oct 2012	346	-3	14	556	0	556	9.0	630.75	1377
I	Nov 2012	650	-11	10	499	0	499	8.4	635.82	1507
S	Dec 2012	476	-6	9	395	0	395	6.4	638.30	1572
T	Jan 2013	609	-11	10	510	0	510	8.3	641.20	1650
O	Feb 2013	646	-12	10	609	0	609	11.0	641.78	1665
R	Mar 2013	987	-11	13	956	0	956	15.5	642.06	1673
I	Apr 2013	1103	-20	17	1017	0	1017	17.1	643.87	1723
C	May 2013	1007	-15	22	959	0	959	15.6	644.24	1733
A	Jun 2013	948	-16	26	928	0	928	15.6	643.45	1711
L	Jul 2013	865	-24	26	810	0	810	13.2	643.66	1717
*	Aug 2013	808	-16	23	749	0	749	12.2	644.35	1736
	Sep 2013	596	-1	18	694	0	694	11.7	640.01	1617
	WY 2013	**9040**	**-148**	**198**	**8682**	**0**	**8682**			
	Oct 2013	548	0	15	703	0	703	11.4	633.50	1447
	Nov 2013	631	-16	10	566	0	566	9.5	635.00	1486
	Dec 2013	512	-17	9	388	0	388	6.3	638.71	1583
	Jan 2014	718	-16	10	610	0	610	9.9	641.80	1666
	Feb 2014	714	-8	10	696	0	696	12.5	641.80	1666
	Mar 2014	1030	-16	13	967	0	967	15.7	643.05	1700
	Apr 2014	1115	-15	17	1085	0	1085	18.2	643.00	1699
	May 2014	1002	-14	22	966	0	966	15.7	643.00	1699
	Jun 2014	939	-12	25	929	0	929	15.6	642.00	1671
	Jul 2014	861	-5	25	845	0	845	13.7	641.50	1658
	Aug 2014	827	-8	23	797	0	797	13.0	641.50	1658
	Sep 2014	634	-1	18	708	0	708	11.9	638.00	1564
	WY 2014	**9533**	**-129**	**197**	**9260**	**0**	**9260**			
	Oct 2014	465	0	15	580	0	580	9.4	633.00	1434
	Nov 2014	610	-16	10	533	0	533	9.0	635.00	1486
	Dec 2014	500	-17	9	376	0	376	6.1	638.71	1583
	Jan 2015	726	-16	10	618	0	618	10.1	641.80	1666
	Feb 2015	696	-8	10	678	0	678	12.2	641.80	1666
	Mar 2015	1045	-16	13	982	0	982	16.0	643.05	1700
	Apr 2015	1132	-15	17	1102	0	1102	18.5	643.00	1699
	May 2015	1019	-14	22	983	0	983	16.0	643.00	1699
	Jun 2015	955	-12	25	944	0	944	15.9	642.00	1671
	Jul 2015	878	-5	25	861	0	861	14.0	641.50	1658
	Aug 2015	842	-8	23	812	0	812	13.2	641.50	1658

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2155

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2013 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
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	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	Sep 2012	723	31	15	548	9.2	74	137	446.98	561	90	1.5
	WY 2012	**9051**	**290**	**140**	**6652**		**723**	**1763**			**1435**	
H	Oct 2012	556	34	12	482	7.8	14	32	449.31	606	70	1.1
I	Nov 2012	499	27	9	348	5.9	14	174	448.06	581	88	1.5
S	Dec 2012	395	21	7	289	4.7	15	132	446.41	550	132	2.2
T	Jan 2013	510	17	6	352	5.7	57	80	448.01	580	143	2.3
O	Feb 2013	609	4	8	444	8.0	7	147	448.13	583	158	2.8
R	Mar 2013	956	7	9	680	11.1	98	180	447.58	572	191	3.1
I	Apr 2013	1017	14	11	765	12.9	84	148	448.35	587	185	3.1
C	May 2013	959	20	13	677	11.0	97	174	448.76	595	98	1.5
A	Jun 2013	928	14	16	688	11.6	104	129	448.45	589	98	1.7
L	Jul 2013	810	28	17	626	10.2	100	80	448.51	590	110	1.8
*	Aug 2013	749	37	17	552	9.0	96	95	449.22	604	103	1.8
	Sep 2013	694	23	15	476	8.0	96	154	447.50	570	89	1.5
	WY 2013	**8682**	**246**	**141**	**6380**		**783**	**1526**			**1464**	
	Oct 2013	703	26	12	451	7.3	99	160	447.50	571	55	0.9
	Nov 2013	566	32	9	376	6.3	68	150	447.00	561	90	1.5
	Dec 2013	388	26	6	260	4.2	70	110	445.00	525	94	1.5
	Jan 2014	610	16	6	340	5.5	98	176	445.00	525	125	2.0
	Feb 2014	696	10	7	450	8.1	88	127	446.50	552	156	2.8
	Mar 2014	967	17	9	690	11.2	98	175	446.70	555	201	3.3
	Apr 2014	1085	21	11	785	13.2	95	169	448.70	593	212	3.6
	May 2014	966	20	13	690	11.2	98	173	448.70	593	111	1.8
	Jun 2014	929	15	16	683	11.5	95	137	448.70	593	109	1.8
	Jul 2014	845	25	17	716	11.6	98	38	448.00	580	111	1.8
	Aug 2014	797	24	17	633	10.3	98	70	447.50	571	105	1.7
	Sep 2014	708	23	15	549	9.2	70	101	446.81	557	102	1.7
	WY 2014	**9260**	**256**	**139**	**6622**		**1074**	**1587**			**1471**	
	Oct 2014	580	26	12	448	7.3	24	124	446.31	548	65	1.1
	Nov 2014	533	32	8	376	6.3	24	147	446.50	552	99	1.7
	Dec 2014	376	26	6	275	4.5	24	92	446.50	552	105	1.7
	Jan 2015	618	16	6	348	5.7	98	176	446.50	552	125	2.0
	Feb 2015	678	10	8	458	8.3	88	127	446.50	552	156	2.8
	Mar 2015	982	17	9	704	11.5	98	175	446.70	555	201	3.3
	Apr 2015	1102	21	11	801	13.5	95	169	448.70	593	212	3.6
	May 2015	983	20	13	707	11.5	98	173	448.70	593	111	1.8
	Jun 2015	944	15	16	698	11.7	95	137	448.70	593	109	1.8
	Jul 2015	861	25	17	733	11.9	98	38	448.00	580	111	1.8
	Aug 2015	812	24	17	648	10.5	98	70	447.50	571	105	1.7

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2013 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Sep 2012	635	10.7	1115.16	13135	-134	473.98	1809.0	261.9	100	412.2
	WY 2012	**9421**							**3985.6**		
H	Oct 2012	346	5.6	1116.50	13263	128	476.50	1051.0	141.3	58	409.0
I	Nov 2012	650	10.9	1117.24	13334	71	473.22	1051.0	276.3	58	424.7
S	Dec 2012	476	7.7	1120.36	13636	302	475.06	1520.0	198.5	84	417.3
T	Jan 2013	609	9.9	1122.32	13828	192	474.10	1062.0	259.8	59	426.6
O	Feb 2013	646	11.6	1122.14	13810	-18	475.07	1072.0	276.4	59	427.6
R	Mar 2013	987	16.1	1118.59	13465	-346	472.93	1073.0	425.6	59	431.1
I	Apr 2013	1103	18.5	1112.91	12921	-544	463.52	1042.0	467.6	57	423.9
C	May 2013	1007	16.4	1108.36	12495	-426	463.02	1353.0	419.9	75	417.1
A	Jun 2013	948	15.9	1105.98	12276	-219	460.72	1726.0	388.1	97	409.5
L	Jul 2013	865	14.1	1105.92	12270	-5	460.74	1753.0	348.3	100	402.7
*	Aug 2013	808	13.1	1106.13	12289	19	461.35	1737.0	325.9	100	403.4
	Sep 2013	596	10.0	1106.16	12292	3	452.99	1737.0	238.4	100	399.9
	WY 2013	**9040**							**3766.0**		
	Oct 2013	548	8.9	1105.36	12219	-73	458.20	1324.0	219.1	77	400.0
	Nov 2013	631	10.6	1103.75	12072	-147	459.15	1314.0	255.4	77	404.6
	Dec 2013	512	8.3	1105.08	12193	121	456.81	1396.0	208.6	81	407.2
	Jan 2014	718	11.7	1106.26	12301	108	460.00	745.0	306.2	43	426.3
	Feb 2014	714	12.9	1105.56	12237	-64	456.43	1183.0	296.9	69	415.8
	Mar 2014	1030	16.8	1101.32	11854	-383	451.89	1426.0	420.1	84	407.7
	Apr 2014	1115	18.7	1095.07	11300	-554	446.69	1334.0	458.6	80	411.2
	May 2014	1002	16.3	1090.68	10916	-384	441.34	1326.0	398.9	81	398.0
	Jun 2014	939	15.8	1086.49	10556	-360	436.08	1505.0	371.1	93	395.1
	Jul 2014	861	14.0	1085.35	10459	-97	433.20	1607.0	339.4	100	394.1
	Aug 2014	827	13.5	1085.20	10446	-13	432.73	1606.0	324.3	100	391.9
	Sep 2014	634	10.7	1084.86	10418	-29	433.62	1604.0	241.7	100	381.3
	WY 2014	**9533**							**3840.4**		
	Oct 2014	465	7.6	1084.96	10426	8	437.61	1308.0	180.5	81	388.3
	Nov 2014	610	10.3	1083.49	10302	-124	440.00	1089.0	241.6	68	395.9
	Dec 2014	500	8.1	1085.08	10437	135	436.15	1399.0	195.0	87	390.1
	Jan 2015	726	11.8	1086.28	10539	102	434.60	1513.0	282.0	94	388.3
	Feb 2015	696	12.5	1085.75	10493	-46	436.60	1103.1	276.9	69	397.7
	Mar 2015	1045	17.0	1081.05	10098	-395	431.97	1320.6	408.8	84	391.2
	Apr 2015	1132	19.0	1074.14	9531	-567	426.25	1226.5	445.1	80	393.3
	May 2015	1019	16.6	1069.18	9135	-397	420.27	1219.2	387.3	81	380.0
	Jun 2015	955	16.0	1064.45	8764	-371	414.53	1375.0	352.8	93	369.6
	Jul 2015	878	14.3	1063.07	8657	-107	411.25	1470.7	328.8	100	374.6
	Aug 2015	842	13.7	1062.79	8636	-21	410.59	1469.1	313.8	100	372.5

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2013 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Sep 2012	723	12.1	639.55	1605	-111	137.86	255.0	96.5	100	133.5
	WY 2012	**9051**							**1153.5**		
H	Oct 2012	556	9.0	630.75	1377	-228	130.98	206.6	68.5	81	123.3
I	Nov 2012	499	8.4	635.82	1507	130	136.16	168.3	67.9	66	136.0
S	Dec 2012	395	6.4	638.30	1572	65	134.78	183.6	44.1	72	111.7
T	Jan 2013	510	8.3	641.20	1650	78	139.33	163.2	63.2	64	123.8
O	Feb 2013	609	11.0	641.78	1665	16	138.67	153.0	76.8	60	126.1
R	Mar 2013	956	15.5	642.06	1673	8	140.26	191.3	120.2	75	125.8
I	Apr 2013	1017	17.1	643.87	1723	49	142.09	252.5	128.5	99	126.3
C	May 2013	959	15.6	644.24	1733	10	143.40	244.8	121.8	96	127.0
A	Jun 2013	928	15.6	643.45	1711	-22	141.69	247.4	116.9	97	126.0
L	Jul 2013	810	13.2	643.66	1717	6	141.93	249.9	102.9	98	127.1
*	Aug 2013	749	12.2	644.35	1736	19	143.01	255.0	92.1	100	122.9
	Sep 2013	694	11.7	640.01	1617	-118	135.18	255.0	87.3	100	125.6
	WY 2013	**8682**							**1090.1**		
	Oct 2013	703	11.4	633.50	1447	-170	131.19	196.4	85.0	77	120.8
	Nov 2013	566	9.5	635.00	1486	38	129.88	158.1	67.6	62	119.3
	Dec 2013	388	6.3	638.71	1583	97	132.06	173.4	47.7	68	122.9
	Jan 2014	610	9.9	641.80	1666	83	135.97	163.2	76.0	64	124.5
	Feb 2014	696	12.5	641.80	1666	0	137.17	173.4	87.0	68	125.0
	Mar 2014	967	15.7	643.05	1700	34	135.44	255.0	120.5	100	124.5
	Apr 2014	1085	18.2	643.00	1699	-2	136.07	255.0	134.9	100	124.3
	May 2014	966	15.7	643.00	1699	0	136.04	255.0	120.8	100	125.1
	Jun 2014	929	15.6	642.00	1671	-27	135.51	255.0	115.7	100	124.6
	Jul 2014	845	13.7	641.50	1658	-14	134.73	255.0	105.2	100	124.6
	Aug 2014	797	13.0	641.50	1658	0	134.46	255.0	99.2	100	124.6
	Sep 2014	708	11.9	638.00	1564	-94	132.62	255.0	87.4	100	123.4
	WY 2014	**9260**							**1147.0**		
	Oct 2014	580	9.4	633.00	1434	-130	129.88	196.4	69.8	77	120.5
	Nov 2014	533	9.0	635.00	1486	51	129.62	158.1	63.5	62	119.3
	Dec 2014	376	6.1	638.71	1583	97	132.06	173.4	46.2	68	123.0
	Jan 2015	618	10.1	641.80	1666	83	135.97	163.2	76.9	64	124.5
	Feb 2015	678	12.2	641.80	1666	0	137.17	173.4	84.8	68	125.1
	Mar 2015	982	16.0	643.05	1700	34	135.44	255.0	122.2	100	124.5
	Apr 2015	1102	18.5	643.00	1699	-2	136.07	255.0	136.9	100	124.3
	May 2015	983	16.0	643.00	1699	0	136.04	255.0	122.8	100	125.0
	Jun 2015	944	15.9	642.00	1671	-27	135.51	255.0	117.6	100	124.6
	Jul 2015	861	14.0	641.50	1658	-14	134.73	255.0	107.2	100	124.5
	Aug 2015	812	13.2	641.50	1658	0	134.46	255.0	101.1	100	124.5

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2013 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Sep 2012	548	9.2	446.98	561	-26	81.05	120.0	37.8	100	69.0
	WY 2012	**6652**							**458.2**		
H	Oct 2012	482	7.8	449.31	606	44	83.52	96.0	33.3	80	69.0
I	Nov 2012	348	5.9	448.06	581	-24	82.22	92.4	24.1	77	69.2
S	Dec 2012	289	4.7	446.41	550	-31	80.98	103.2	19.5	86	67.5
T	Jan 2013	352	5.7	448.01	580	30	83.56	102.0	24.4	85	69.4
O	Feb 2013	444	8.0	448.13	583	2	80.52	115.2	31.2	96	70.1
R	Mar 2013	680	11.1	447.58	572	-10	81.73	120.0	46.8	100	68.9
I	Apr 2013	765	12.9	448.35	587	15	82.42	97.2	51.1	81	66.8
C	May 2013	677	11.0	448.76	595	8	80.83	104.4	46.4	87	68.6
A	Jun 2013	688	11.6	448.45	589	-6	82.20	117.6	47.4	98	68.9
L	Jul 2013	626	10.2	448.51	590	1	80.88	120.0	43.4	100	69.3
*	Aug 2013	552	9.0	449.22	604	14	82.71	120.0	37.0	100	67.0
	Sep 2013	476	8.0	447.50	570	-33	75.72	120.0	31.1	100	65.4
	WY 2013	**6380**							**435.7**		
	Oct 2013	451	7.3	447.50	571	0	75.98	96.0	29.5	80	65.5
	Nov 2013	376	6.3	447.00	561	-9	75.92	92.4	24.4	77	65.0
	Dec 2013	260	4.2	445.00	525	-36	74.71	92.4	16.3	77	62.5
	Jan 2014	340	5.5	445.00	525	0	73.61	94.8	21.5	79	63.0
	Feb 2014	450	8.1	446.50	552	27	74.46	92.4	29.1	77	64.8
	Mar 2014	690	11.2	446.70	555	4	74.93	99.6	45.4	83	65.8
	Apr 2014	785	13.2	448.70	593	38	75.08	120.0	51.8	100	66.0
	May 2014	690	11.2	448.70	593	0	76.05	120.0	45.9	100	66.4
	Jun 2014	683	11.5	448.70	593	0	76.05	120.0	45.4	100	66.5
	Jul 2014	716	11.6	448.00	580	-13	75.71	120.0	47.5	100	66.3
	Aug 2014	633	10.3	447.50	571	-9	75.13	120.0	41.5	100	65.6
	Sep 2014	549	9.2	446.81	557	-13	74.55	120.0	35.6	100	64.9
	WY 2014	**6622**							**433.8**		
	Oct 2014	448	7.3	446.31	548	-9	74.77	102.0	28.9	85	64.6
	Nov 2014	376	6.3	446.50	552	3	74.62	102.0	24.1	85	64.1
	Dec 2014	275	4.5	446.50	552	0	74.71	102.0	17.2	85	62.7
	Jan 2015	348	5.7	446.50	552	0	74.71	102.0	22.2	85	63.7
	Feb 2015	458	8.3	446.50	552	0	73.92	120.0	29.4	100	64.2
	Mar 2015	704	11.5	446.70	555	4	74.01	120.0	45.7	100	64.9
	Apr 2015	801	13.5	448.70	593	38	75.08	120.0	52.9	100	66.0
	May 2015	707	11.5	448.70	593	0	76.05	120.0	47.0	100	66.5
	Jun 2015	698	11.7	448.70	593	0	76.05	120.0	46.5	100	66.5
	Jul 2015	733	11.9	448.00	580	-13	75.71	120.0	48.6	100	66.3
	Aug 2015	648	10.5	447.50	571	-9	75.13	120.0	42.5	100	65.6

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2013 24-Month Study

Most Probable Inflow*

Upper Basin Power

	Date	Glen Canyon 1000 MWHR	Flaming Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Reservoir 1000 MWHR	Fontenelle Reservoir 1000 MWHR
*	Sep 2012	214	27	17	25	12	4
	Summer 2012	**1849**	**232**	**123**	**168**	**94**	**31**
H	Oct 2012	221	20	8	13	6	2
S	Dec 2012	346	27	4	6	2	4
T	Jan 2013	349	28	4	6	2	4
O	Feb 2013	259	25	4	5	1	3
R	Mar 2013	258	20	4	5	2	3
	Winter 2013	**1433**	**121**	**23**	**35**	**12**	**15**
I	Apr 2013	235	19	10	14	8	3
C	May 2013	257	26	15	23	15	3
A	Jun 2013	344	52	18	26	16	3
L	Jul 2013	361	26	26	35	20	3
*	Aug 2013	338	26	23	31	18	3
	Sep 2013	231	23	20	28	13	3
	Summer 2013	**1767**	**171**	**111**	**157**	**90**	**19**
	Oct 2013	184	18	11	16	8	3
	Nov 2013	191	17	4	5	3	3
	Dec 2013	227	18	4	5	3	3
	Jan 2014	299	18	4	6	3	3
	Feb 2014	223	16	3	5	3	3
	Mar 2014	222	18	4	7	4	3
	Winter 2014	**1346**	**104**	**30**	**45**	**25**	**19**
	Apr 2014	184	17	8	14	8	5
	May 2014	224	37	27	44	23	6
	Jun 2014	229	34	10	18	13	8
	Jul 2014	310	20	27	35	18	10
	Aug 2014	308	20	29	36	18	7
	Sep 2014	230	20	21	27	14	3
	Summer 2014	**1486**	**147**	**122**	**172**	**95**	**39**
	Oct 2014	184	20	12	16	8	6
	Nov 2014	190	20	3	5	3	6
	Dec 2014	227	20	8	10	6	6
	Jan 2015	300	20	16	21	11	5
	Feb 2015	224	18	16	21	11	5
	Mar 2015	223	20	9	13	7	5
	Winter 2015	**900**	**80**	**39**	**51**	**28**	**24**
	Apr 2015	186	20	15	22	13	5
	May 2015	227	39	35	53	23	7
	Jun 2015	235	58	25	36	22	9
	Jul 2015	319	36	33	40	22	10
	Aug 2015	318	36	38	45	23	8

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2013 24-Month Study

Most Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions

Date	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Total KAF	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****CREDITABLE SPACE****										
Sep 2013	1,033	475	831	13534	15873	15088	30960	1033	475	831	2339	13534	15088	30960	2270	596	0	29.3
Oct 2013	1,089	517	866	13826	16298	15085	31383	1089	517	866	2472	13826	15085	31383	3040	548	0	28.9
Nov 2013	1,120	534	863	13970	16487	15158	31645	1120	534	863	2517	13970	15158	31645	3810	631	0	28.6
Dec 2013	1,140	525	859	14156	16680	15305	31985	1140	525	859	2524	14156	15305	31985	4580	512	0	28.4
Jan 2014	1,169	518	862	14484	17033	15184	32217	1169	518	862	2549	14484	15184	32217	5350	718	0	28.1
								****EFFECTIVE SPACE****										
Jan 2014	1,169	518	862	14484	17033	15184	32217	438	343	380	1160	14484	15184	30828	5350	718	0	28.1
Feb 2014	1,193	516	878	14970	17556	15076	32632	460	341	395	1196	14970	15076	31242	1500	714	0	27.7
Mar 2014	1,208	511	885	15242	17846	15140	32987	472	337	402	1211	15242	15140	31594	1500	1030	0	27.3
Apr 2014	1,183	498	856	15425	17963	15523	33487	443	325	370	1139	15425	15523	32087	1500	1115	0	27.0
May 2014	1,127	470	797	15324	17719	16077	33796	380	294	291	965	15324	16077	32367	1500	1002	0	27.9
Jun 2014	1,078	396	694	14332	16501	16461	32962	322	206	153	681	14332	16461	31475	1500	939	0	28.9
Jul 2014	900	212	616	13378	15106	16821	31927	131	0	23	154	13378	16821	30353	1500	861	0	28.7
								****CREDITABLE SPACE****										
Aug 2014	786	208	650	13482	15126	16918	32043	786	208	650	1644	13482	16918	32043	1500	827	0	28.3
Sep 2014	785	244	696	13817	15542	16931	32472	785	244	696	1725	13817	16931	32472	2270	634	0	27.8
Oct 2014	804	270	717	14055	15846	16959	32805	804	270	717	1791	14055	16959	32805	3040	465	0	27.6
Nov 2014	814	269	711	14127	15921	16951	32872	814	269	711	1794	14127	16951	32872	3810	610	0	27.5
Dec 2014	824	248	704	14237	16013	17075	33089	824	248	704	1777	14237	17075	33089	4580	500	0	27.4
Jan 2015	848	248	705	14458	16259	16940	33200	848	248	705	1801	14458	16940	33200	5350	726	0	27.2
								****EFFECTIVE SPACE****										
Jan 2015	848	248	705	14458	16259	16940	33200	585	248	472	1306	14458	16940	32704	5350	726	0	27.2
Feb 2015	867	277	709	14825	16678	16838	33517	601	277	476	1354	14825	16838	33018	1500	696	0	27.0
Mar 2015	877	308	702	14995	16882	16884	33766	607	308	469	1384	14995	16884	33262	1500	1045	0	26.7
Apr 2015	836	303	646	15050	16835	17279	34114	560	303	409	1272	15050	17279	33601	1500	1132	0	26.6
May 2015	764	279	557	14754	16355	17846	34201	481	279	301	1061	14754	17846	33661	1500	1019	0	27.8
Jun 2015	639	195	416	13539	14789	18242	33032	344	193	123	660	13539	18242	32441	1500	955	0	29.3
Jul 2015	424	38	380	12084	12925	18613	31538	112	12	34	158	12084	18613	30855	1500	878	0	29.4
								****CREDITABLE SPACE****										
Aug 2015	330	27	404	11948	12709	18720	31429	330	27	404	762	11948	18720	31429	1500	842	0	29.0

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2155

Processed On: 9/12/2013 4:14:33PM

October 24-Month Study
Date: October 21, 2013

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

Reservoir	September Inflow (unregulated) (acre-feet)	Percent of Average (%)	October 20 Midnight Elevation (feet)	Reservoir Storage (acre-feet)
Fontenelle	47,000	102	6491.90	240,000
Flaming Gorge	67,000	122	6015.27	2,816,000
Blue Mesa	57,000	150	7456.56	350,000
Navajo	151,000	350	6023.70	947,000
Powell	857,000	210	3591.08	10,919,000

Expected Operations

The operation of Lake Powell and Lake Mead in this October 2013 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines), and reflects the 2013 Annual Operating Plan (AOP) and draft 2014 AOP. Pursuant to the Interim Guidelines, the August 2013 24-Month Study projections of the January 1, 2014, system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2014.

Consistent with Section 6.C.1 of the Interim Guidelines, the Lake Powell operational tier for water year 2014 is the Mid-Elevation Release Tier with an annual release volume of 7.48 maf. This was determined in the August 2013 24-Month study which projected that, with an 8.23 maf annual release pattern in water year 2014, the January 1, 2014, the Lake Powell elevation would be below 3,575.0 feet and the Lake Mead elevation would be above 1,025.0 feet.

Consistent with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar years 2013 and 2014.

The tier determinations will be documented in the 2014 AOP, which is currently in the final stages of development.

The Interim Guidelines are available for download at
http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The 2013 AOP is available for download at
http://www.usbr.gov/uc/water/rsvrs/ops/aop/AOP13_final.pdf.
The Draft 2014 AOP is available for download at
http://www.usbr.gov/lc/region/g4000/AOP2014/AOP14_draft.pdf.

Fontenelle Reservoir – Inflows to Fontenelle Reservoir for the month of September were 47,000 acre-feet (AF), or 102 percent of average. The reservoir elevation is 6491.23 feet, 65 percent of live capacity. Inflows are averaging 500 cubic feet per second (cfs) and are expected to be close to this value over the next month. The peak reservoir elevation occurred on July 22 at elevation 6492.29 feet. Reservoir releases are currently at 700 cfs and are projected to remain at this level through the winter and next spring.

Inflows for the next three months are projected to be below average: with October, November and December forecasted inflow volumes at 46,000 AF (94% of average), 36,000 AF (86% of average), and 28,000 AF (88% of average), respectively. The observed April through July unregulated inflow volume was 317,000 af or 44 percent of the 1981-2010 thirty-year average.

The next Fontenelle Working Group meeting is scheduled for April 23, 2014, at 10:00 am at the Seedskadee National Wildlife Refuge. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir. The autumn Fontenelle Working Group meeting was held on August 23, 2013 at the Joint Powers Water Board in Green River. Minutes from past meetings are posted on the Working Group webpages.

Flaming Gorge Reservoir – Unregulated inflow into Flaming Gorge Reservoir during the month of September was 67,000 acre-feet (AF), or 122 percent of average. The reservoir elevation is 6015.3 feet and decreasing. Observed inflows are averaging 990 cubic feet per second (cfs).

Forecasts remain below average and Flaming Gorge Dam is in the dry hydrologic classification for the base flow period as outlined in the Record of Decision (ROD). Flaming Gorge releases are currently 1,100 cfs following a single-peak fluctuation pattern and are anticipated to remain at this level through September 30, 2013, whereupon they will decrease to steady releases of approximately 820 cfs. The minimum reservoir elevation is projected to reach 6014 feet by October and remain close to that level through the winter before increasing to a peak elevation next year of approximately 6024 feet.

Inflows for the next three months are projected to be below average: with October, November and December forecasted inflow volumes at 54,000 AF (92% of average), 42,000 AF (82% of average), and 29,000 AF (83% of average), respectively. The observed April through July unregulated inflow volume is 361,000 AF or 37 percent of the 1981-2010 thirty-year average.

The next Flaming Gorge Working Group meeting is scheduled for April 24, 2014, at 11:00 a.m. to be held in the Utah Department of Natural Resources building in Vernal, Utah. The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stake holders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations and plans presented by Reclamation at these meetings. Meeting notes from past Working Group meetings are posted on the Working Group webpage. For more information on this group and these meetings please contact Ed Vidmar at 801-379-1182.

Aspinall Unit Reservoirs – September unregulated inflow into Blue Mesa Reservoir was 57,000 acre-feet or 150 percent of average. Precipitation during September was observed to be about 195 percent of average, a welcome relief. The current inflow rate into Blue Mesa Reservoir is about 850 cfs and reservoir releases are averaging about 800 cfs. Blue Mesa's present elevation is 7456.46 feet, which corresponds to a storage content of about 350,000 acre-feet. The unregulated reservoir inflow into Blue Mesa Reservoir during water year 2013 was 561,000 acre-feet, or about 59 percent of average.

Releases from Crystal have recently been reduced from 1,000 down to 900 cfs as a result of higher flows at the Whitewater gage allowing for additional water conservation in the Aspinall reservoirs. The diversion tunnel is diverting approximately 600 cfs. Flows in the Gunnison River below the tunnel are about 300 cfs which is the set minimum flow for the canyon. This minimum flow of 300 cfs will most likely continue through the fall and early winter months in order to conserver reservoir storage.

The last meeting of the "Aspinall Unit Working Group" was held on Thursday, September 5, 2013 at the Elk Creek Visitors Center at Blue Mesa Reservoir. At this meeting, review of this spring's reservoir operations, and plans for this summer and fall operations were discussed. These meetings are open forum discussions on the Aspinall Unit reservoir operations with many interested groups participating. Anyone needing further information about these meetings should contact Dan Crabtree in the Grand Junction Area Office at (970) 248-0652.

Navajo Reservoir – As a result of increasing flows in the San Juan River Basin, the Bureau of Reclamation decreased the release from Navajo Reservoir from 350 cfs (cubic feet per second) to 250 cfs on Tuesday, September 24th at 10:00 am. Releases are made for the authorized purposes of the Navajo Unit, and to attempt to maintain a target base flow through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell).

The San Juan River Basin Recovery Implementation Program recommends a target base flow of between 500 cfs and 1,000 cfs through the critical habitat area. The target base flow is calculated as the weekly average of gaged flows throughout the critical habitat area.

Navajo was at 6022.28 feet of pool elevation and 933,199 acre-feet of storage by the end of September, a raise of nearly 7.5 feet in a month. Total observed inflow for the month of September was 110,081 acre-feet, modified-unregulated inflow volume of 151,458 acre-feet, or 351% of average. Calculated evaporation for the month was 1,986 acre-ft. The outlet works release ranged from 650 cfs down to 250 cfs. NIIP diverted a total of 14,782 acre-feet in the month of August. Modified unregulated inflow for April-July totaled 267,178 which is 36% of average. The Modified unregulated inflow for water year 2013 is 543,041 acre-feet, which is 51% of average.

As of October 15th, the release at Navajo is 250 cfs, and the observed inflow is 674 cfs. The pool elevation is 6023.48 feet and the content is 944,618 acre-feet, or 56% full. NIIP is diverting at a rate of 200 cfs. The San Juan River at Four Corners USGS gage is at 777 cfs and the Animas River at Farmington USGS gage is at 696 cfs.

The most probable modified-unregulated inflow forecast for October at Navajo is 65,000 acre-feet (138% of average), for November is 38,000 acre-feet (112% of average), and for December is 25,000 acre-feet (100% of average). Modified unregulated inflow is defined as the predicted hydrologic inflow volume into Navajo plus the change in storage at Vallecito Reservoir and the San-Juan Chama diversion volume.

The next public meeting is scheduled for January 21st, 2014. These meetings are open forum discussions on the operation of Navajo Reservoir with many interested groups participating. Anyone interested in the general operation of the reservoir is encouraged to attend. Please contact Ryan Christianson in Reclamation's Durango, Colorado Office at (970) 385-6590 for information about these meetings or the daily operation of Navajo Reservoir.

Glen Canyon Dam / Lake Powell –

Current Status

The unregulated inflow volume to Lake Powell in September was 857 thousand acre-feet (kaf) (210% of average). The release volume from Glen Canyon Dam in September was 600 kaf. The end of September elevation and storage of Lake Powell were 3591.3 feet (108.7 feet from full pool) and 10.93 million acre-feet (maf) (45% of full capacity), respectively. Due to above average runoff from monsoonal activity in September, Lake Powell elevation increased by about 2 feet over an 11-day period in September. The reservoir elevation is now declining and will continue to decline through the fall and winter until spring runoff in 2014.

The water year 2013 unregulated inflow volume was 5.12 maf (47% of average), placing 2013 as the fourth driest on record since the closure of Glen Canyon Dam in 1963. Water years 2002, 1977, and 2012 were drier, receiving 2.64 maf, 3.53 maf, and 4.91 maf, respectively. In terms of reservoir elevation and storage, Lake Powell reached its peak for water year 2013 on June 18th at 3,601.2 ft (98.8 feet from full pool) which is 35.7 feet lower than last year's peak elevation of 3636.9 ft. The end of water year 2013 elevation and storage of Lake Powell were 3591.3 feet (108.7 feet from full pool) and 10.93maf (45% of capacity), respectively. This is 3.0 maf less than 2012 end of water year storage which was 13.93 maf (57% of capacity).

Releases for Water Year 2013 totaled 8.232 maf. Pursuant to the Interim Guidelines, Lake Powell operated under the Upper Elevation Balancing Tier in 2013. Throughout water year 2013, Reclamation adjusted operations of Glen Canyon Dam to release the appropriate annual volume during 2013 to achieve Upper Elevation Balancing Tier objectives as practicably as possible by September 30, 2012.

Current Operations

The operating tier for water year 2014 is the Mid-Elevation Release Tier with an annual release volume of 7.48 maf, as established in August 2013 and pursuant to the Interim Guidelines, Section 6.C.1. Reclamation will schedule operations at Glen Canyon Dam to achieve as practicably as possible a 7.48 maf annual release volume by September 30, 2014.

Releases from Glen Canyon Dam in October are currently averaging approximately 8,000 cfs with daily fluctuations between approximately 5,000 cfs at nighttime and approximately 10,000 cfs during the daytime and consistent with the Glen Canyon Operating Criteria (Federal Register, Volume 62, No. 41, March 3, 1997). The scheduled release volume for October 2013 is 480 kaf.

The anticipated release volume for November is 500 kaf with fluctuations for power generation throughout the day consistent with the Glen Canyon Operating Criteria (Federal Register, Volume 62, No. 41, March 3, 1997). However, the release volume may be adjusted in the event of a High Flow Experiment. Under the High-Flow Protocol, high flow releases are linked to sediment input and other resource conditions below Glen Canyon Dam. Preliminary analysis appears favorable for a high flow experimental release to occur during the period of November 8 – 18, 2013. During the High Flow Experiment, total releases from Glen Canyon Dam at full bypass may reach approximately 37,200 cfs. The total experiment, including ramping, could last up to about five and a half days. In the event of a high flow experiment, releases from Glen Canyon Dam prior to and after the high flow experiment are anticipated to fluctuate between 5,000cfs and 8,000cfs.

In December, the release volume will likely be about 600 kaf, with fluctuations throughout the day for hydropower generation.

In addition to daily scheduled fluctuations for power generation, the instantaneous releases from Glen Canyon Dam may also fluctuate to provide 40 MW of system

regulation. These instantaneous release adjustments stabilize the electrical generation and transmission system and translate to a range of about 1,200 cfs above or below the hourly scheduled release rate. Under system normal conditions, fluctuations for regulation are typically short lived and generally balance out over the hour with minimal or no noticeable impacts on downstream river flow conditions.
Releases from Glen Canyon Dam can also fluctuate beyond scheduled fluctuations for power generation when called upon as a partner that shares reserve requirements within the electrical generator community (i.e. balancing area). Reserves provide system reliability in the event of an unscheduled outage. Glen Canyon Dam typically maintains 43 MW of reserves (approximately 1,200 cfs). Reserve calls can be maintained for a maximum of 2 hours after which time the generation rate should be returned to the original schedule. If reserves from Glen Canyon Dam are called upon, releases from the dam can exceed scheduled levels and can have a noticeable impact on the river downstream from Glen Canyon Dam. Calls for reserves are fairly infrequent and typically are for much less than 43 MW.

Inflow Forecasts and Model Projections
The hydrologic forecast for water year 2014 for Lake Powell, issued by the Colorado Basin River Forecast Center, projects that the most probable (median) unregulated inflow volume will be 9.65 maf (78% of average based on the period 1981-2010). The water year 2013 forecast increased by 1.24 maf since last month, primarily due to much higher than expected monsoonal precipitation and runoff in September. At this early point in the season, there is significant uncertainty regarding next year's water supply. The forecast ranges from a minimum probable of 6.5 maf (60% of average) to a maximum probable of 16.5 maf (162% of average). There is a 10% chance that inflows could be higher than the maximum probable and a 10% chance they could be lower than the minimum probable.

Based on the current forecast, the October 24-Month study projects Lake Powell elevation will peak near approximately 3,604 ft next summer and end the water year near 3,598 feet with approximately 11.6 maf in storage (48% capacity). Note that projections of elevation and storage have significant uncertainty at this point in the season, primarily due to uncertainty regarding next season's snowpack and resulting inflow to Lake Powell. Under the minimum probable inflow scenario, the projected summer peak is 3,586 ft and end of water year storage is 9.3 maf (38% capacity). Under the maximum probable inflow scenario the projected summer peak is 3,661 ft and end of water year storage is 18.4 maf (76% capacity). There is a 10% chance that inflows will be higher, resulting in higher elevation and storage, and 10% chance that inflows will be lower, resulting in lower elevation and storage. The annual release volume from Lake Powell during water year 2014 is projected to be 7.48 maf under all inflow scenarios.

Consistent with Section 6.C.1 of the Interim Guidelines, the Lake Powell operational tier for water year 2014 is the Mid-Elevation Release Tier with an annual release volume of 7.48 maf. This was determined in the August 2013 24-Month study tier determination run which projected that, with an 8.23 maf annual release pattern in water year 2014, the January 1, 2014, Lake Powell elevation would be below 3,575.0 feet and the Lake Mead

elevation would be above 1,025.0 feet. This determination will be documented in the 2014 AOP, which is currently in the final stages of development.

Upper Colorado River Basin Hydrology

The Upper Colorado River Basin regularly experiences significant year to year hydrologic variability. During the 14-year period 2000 to 2013, however, the unregulated inflow to Lake Powell, which is a good measure of hydrologic conditions in the Colorado River Basin, was above average in only 3 out of the past 14 years. The period 2000-2014 is the lowest 14-year period since the closure of Glen Canyon Dam in 1963, with an average unregulated inflow of 8.25 maf, or 76% of the 30-year average (1981-2010). (For comparison, the 1981-2010 average is 10.83maf.) The unregulated inflow during the 2000-2013 period has ranged from a low of 2.64 maf (24% of average) in water year 2002 to a high of 15.97 maf (147% of average) in water year 2011. One wet year can significantly increase total system reservoir storage, just as persistent dry years can draw down the system storage.

At the beginning of water year 2014, total system storage in the Colorado River Basin was 29.9 maf (50% of 59.6 maf total system capacity). This is about 4 maf less than the total storage at the beginning of water year 2013 which began at 34.0 maf (57% of capacity). Since the beginning of water year 2000, total Colorado Basin storage has experienced year to year increases and decreases in response to wet and dry hydrology, ranging from a high of 94% of capacity at the beginning of 2000 to a low of 50% of capacity at the beginning of water year 2014. Based on current forecasts, the current projected end of water year 2014 total Colorado Basin reservoir storage is approximately 29.6 maf (50% of capacity).

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-430
125 SOUTH STATE STREET, ROOM 6107
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-3709

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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:	Obs			sep	Forecast		
:	jun	jul	aug	sep	%Avg	oct	nov	dec
GLDA3:Lake Powell	939	143	273	857	210%:	550/	400/	290/
GBRW4:Fontenelle	91	67	32	47	102%:	46/	36/	28/
GRNU1:Flaming Gorge	91	66	22	67	122%:	54/	42/	29/
BMDC2:Blue Mesa	126	44	46	57	150%:	46/	31/	25/
MPSC2:Morrow Point	132	45	46	58	143%:	48/	33/	26/
CLSC2:Crystal	144	48	50	63	135%:	54/	37/	29/
TPIC2:Taylor Park	26	8.9	6.6	7.9	107%:	6.5/	4.8/	4.3/
VCRC2:Vallecito	19.3	7.9	12.9	45	258%:	20/	10/	7/
NVRN5:Navajo	40	1.88	43	151	350%:	65/	38/	25/
LEMC2:Lemon	4.1	1.70	2.8	9.5	234%:	3.7/	1.7/	1/
MPHC2:McPhee	13.6	6.4	11.6	26	229%:	13/	6/	3.7/
RBSC2:Ridgway	17.3	8.4	11.6	14.9	152%:	9/	5.5/	4.2/

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

October 2013 24-Month Study

Most Probable Inflow*

Fontenelle Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Oct 2012	29	1	25	28	53	6491.56	238
H	Nov 2012	35	1	22	28	51	6489.08	221
I	Dec 2012	28	1	52	0	52	6485.19	196
S	Jan 2013	23	1	53	0	53	6479.94	166
T	Feb 2013	23	0	48	0	48	6475.03	141
O	Mar 2013	41	0	52	0	52	6472.41	129
R	Apr 2013	51	1	51	0	51	6472.25	128
I	May 2013	108	1	51	0	51	6483.26	185
C	Jun 2013	91	2	47	0	48	6489.79	226
A	Jul 2013	67	2	48	0	48	6492.28	243
L	Aug 2013	32	2	43	0	43	6490.28	229
*	Sep 2013	47	2	42	0	42	6490.87	233
	WY 2013	**575**	**14**	**534**	**57**	**591**		
	Oct 2013	46	1	43	0	43	6491.15	236
	Nov 2013	36	1	42	0	42	6490.10	229
	Dec 2013	28	1	43	0	43	6487.76	214
	Jan 2014	25	1	43	0	43	6484.84	195
	Feb 2014	23	1	39	0	39	6482.06	178
	Mar 2014	42	1	43	0	43	6481.78	177
	Apr 2014	70	1	74	0	74	6480.86	172
	May 2014	142	1	102	8	111	6485.89	201
	Jun 2014	285	2	103	99	202	6497.70	282
	Jul 2014	175	3	102	16	118	6504.77	336
	Aug 2014	65	2	74	0	74	6503.36	325
	Sep 2014	43	2	36	32	68	6499.81	297
	WY 2014	**980**	**16**	**745**	**156**	**901**		
	Oct 2014	47	1	66	0	66	6497.00	277
	Nov 2014	41	1	68	0	68	6493.07	249
	Dec 2014	32	1	71	0	71	6487.13	209
	Jan 2015	30	1	71	0	71	6480.29	168
	Feb 2015	28	0	64	0	64	6472.87	132
	Mar 2015	53	0	71	0	71	6468.58	113
	Apr 2015	85	1	71	0	71	6471.73	127
	May 2015	164	1	99	5	105	6483.12	185
	Jun 2015	299	2	103	75	179	6500.53	303
	Jul 2015	178	3	100	32	132	6505.99	346
	Aug 2015	77	2	80	0	80	6505.27	340
	Sep 2015	46	2	36	30	65	6502.54	318
	WY 2015	**1079**	**15**	**900**	**142**	**1043**		

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2156

Processed On: 10/21/2013 9:27:16AM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

October 2013 24-Month Study

Most Probable Inflow*

Flaming Gorge Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	Oct 2012	24	48	7	52	0	52	122	6021.15	3020	71
H	Nov 2012	39	55	3	49	0	49	122	6021.23	3023	75
I	Dec 2012	25	50	2	70	0	70	121	6020.63	3002	219
S	Jan 2013	24	53	2	74	0	74	120	6020.03	2981	579
T	Feb 2013	30	55	2	67	0	67	119	6019.65	2967	415
O	Mar 2013	64	76	3	53	0	53	120	6020.19	2986	109
R	Apr 2013	69	69	5	50	0	50	121	6020.57	3000	150
I	May 2013	135	77	7	67	0	67	121	6020.65	3003	438
C	Jun 2013	91	48	10	135	3	138	117	6017.91	2906	375
A	Jul 2013	66	47	12	68	0	68	116	6016.99	2875	100
L	Aug 2013	22	33	11	68	0	68	114	6015.71	2831	87
*	Sep 2013	67	62	10	66	0	66	113	6015.33	2818	95
	WY 2013	**657**	**673**	**73**	**818**	**3**	**821**				**2713**
	Oct 2013	54	51	7	52	0	52	113	6015.13	2811	52
	Nov 2013	42	48	3	49	0	49	113	6015.01	2807	49
	Dec 2013	29	44	2	50	0	50	113	6014.78	2799	50
	Jan 2014	30	48	2	50	0	50	113	6014.67	2796	50
	Feb 2014	34	50	2	46	0	46	113	6014.74	2798	46
	Mar 2014	85	86	3	50	0	50	114	6015.67	2830	50
	Apr 2014	121	125	4	49	0	49	117	6017.69	2899	49
	May 2014	210	179	7	103	0	103	119	6019.59	2965	103
	Jun 2014	340	257	10	111	0	111	125	6023.27	3097	111
	Jul 2014	200	143	13	81	0	81	126	6024.56	3144	81
	Aug 2014	75	84	12	81	0	81	126	6024.30	3134	81
	Sep 2014	50	75	11	79	0	79	126	6023.93	3121	79
	WY 2014	**1270**	**1191**	**75**	**801**	**0**	**801**				**801**
	Oct 2014	55	75	7	81	0	81	125	6023.57	3108	81
	Nov 2014	50	77	3	79	0	79	125	6023.43	3103	79
	Dec 2014	35	74	2	81	0	81	124	6023.17	3093	81
	Jan 2015	40	81	2	81	0	81	124	6023.11	3091	81
	Feb 2015	45	81	2	74	0	74	125	6023.25	3096	74
	Mar 2015	102	120	3	81	0	81	126	6024.19	3131	81
	Apr 2015	134	119	5	79	0	79	127	6025.13	3165	79
	May 2015	245	186	8	127	0	127	129	6026.46	3214	127
	Jun 2015	390	269	10	158	0	158	133	6029.02	3312	158
	Jul 2015	210	165	14	98	0	98	135	6030.34	3362	98
	Aug 2015	89	92	13	98	0	98	134	6029.87	3344	98
	Sep 2015	55	75	11	95	0	95	133	6029.07	3313	95
	WY 2015	**1449**	**1413**	**79**	**1134**	**0**	**1134**				**1134**

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

October 2013 24-Month Study

Most Probable Inflow*

Taylor Park Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Oct 2012	4	4	9301.04	57
H	Nov 2012	3	3	9301.07	57
I	Dec 2012	3	3	9301.09	57
S	Jan 2013	3	3	9301.07	57
T	Feb 2013	3	3	9301.01	57
O	Mar 2013	3	3	9301.27	57
R	Apr 2013	6	4	9302.94	59
I	May 2013	21	7	9312.29	74
C	Jun 2013	26	12	9320.43	88
A	Jul 2013	9	15	9316.95	81
L	Aug 2013	7	14	9312.37	74
*	Sep 2013	8	12	9309.95	70
	WY 2013	**96**	**83**		
	Oct 2013	7	5	9310.64	71
	Nov 2013	5	4	9311.14	72
	Dec 2013	4	4	9311.32	72
	Jan 2014	4	4	9311.14	72
	Feb 2014	3	4	9310.51	71
	Mar 2014	3	4	9310.14	70
	Apr 2014	7	8	9309.51	69
	May 2014	28	18	9315.58	79
	Jun 2014	41	21	9326.44	99
	Jul 2014	15	22	9322.79	92
	Aug 2014	9	18	9317.87	83
	Sep 2014	7	16	9312.61	74
	WY 2014	**133**	**128**		
	Oct 2014	6	12	9309.15	69
	Nov 2014	5	6	9308.53	68
	Dec 2014	5	6	9307.67	66
	Jan 2015	4	6	9306.59	65
	Feb 2015	4	6	9305.11	62
	Mar 2015	4	6	9304.05	61
	Apr 2015	9	6	9305.92	64
	May 2015	28	14	9314.86	78
	Jun 2015	42	20	9326.69	100
	Jul 2015	20	20	9326.76	100
	Aug 2015	10	20	9321.69	90
	Sep 2015	7	16	9316.90	81
	WY 2015	**145**	**138**		

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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RECLAMATION
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October 2013 24-Month Study

Most Probable Inflow*

Blue Mesa Reservoir

	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Oct 2012	20	20	0	33	0	33	7452.55	327
H	Nov 2012	19	19	0	19	0	19	7452.39	326
I	Dec 2012	18	18	0	16	0	16	7452.65	328
S	Jan 2013	16	16	0	15	0	15	7452.77	328
T	Feb 2013	16	16	0	15	0	15	7452.95	329
O	Mar 2013	23	23	0		0	16	7454.12	336
R	Apr 2013	43	41	1	38	0	38	7454.46	338
I	May 2013	133	119	1	58	0	58	7464.34	399
C	Jun 2013	126	111	1	69	0	69	7470.58	440
A	Jul 2013	44	51	1	98	0	98	7463.20	391
L	Aug 2013	46	54	1	89	0	89	7457.29	355
*	Sep 2013	57	61	1	66	0	66	7456.24	348
	WY 2013	**561**	**547**	**6**	**517**	**0**	**532**		
	Oct 2013	46	45	0	48	0	48	7455.65	345
	Nov 2013	31	30	0	13	0	13	7458.49	362
	Dec 2013	25	25	0	15	0	15	7460.14	372
	Jan 2014	20	20	0	16	0	16	7460.81	376
	Feb 2014	18	19	0	13	0	13	7461.74	382
	Mar 2014	30	31	0	18	0	18	7463.76	395
	Apr 2014	70	71	1	29	0	29	7470.06	436
	May 2014	225	215	1	107	0	107	7485.03	543
	Jun 2014	260	240	1	34	0	34	7510.24	748
	Jul 2014	92	99	2	92	0	92	7510.86	753
	Aug 2014	51	60	1	126	0	126	7503.00	686
	Sep 2014	37	46	1	114	0	114	7494.62	618
	WY 2014	**905**	**901**	**8**	**624**	**0**	**624**		
	Oct 2014	38	43	1	60	0	60	7492.49	601
	Nov 2014	31	32	0	30	0	30	7492.75	603
	Dec 2014	26	27	0	48	0	48	7490.00	581
	Jan 2015	24	26	0	55	0	55	7486.20	552
	Feb 2015	22	25	0	55	0	55	7482.11	521
	Mar 2015	36	38	0	32	0	32	7482.81	527
	Apr 2015	77	74	1	60	0	60	7484.63	540
	May 2015	221	207	1	109	0	109	7497.02	637
	Jun 2015	261	239	1	76	0	76	7516.00	799
	Jul 2015	117	117	2	112	0	112	7516.40	802
	Aug 2015	63	73	1	121	0	121	7510.87	753
	Sep 2015	38	47	1	112	0	112	7503.10	687
	WY 2015	**954**	**947**	**9**	**869**	**0**	**869**		

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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October 2013 24-Month Study

Most Probable Inflow*

Morrow Point Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Oct 2012	22	33	1	34	40	0	40	7142.80	104
H	Nov 2012	20	19	1	20	16	0	16	7148.49	108
I	Dec 2012	18	16	1	17	18	0	18	7146.50	106
S	Jan 2013	17	15	1	16	17	0	17	7144.75	105
T	Feb 2013	17	15	1	15	16	0	16	7144.30	105
O	Mar 2013	24	16	1	17	17	0	17	7144.36	105
R	Apr 2013	49	38	6	44	42	0	42	7146.71	107
I	May 2013	148	58	15	72	67	0	67	7154.02	112
C	Jun 2013	132	69	6	75	75	0	75	7154.39	113
A	Jul 2013	45	98	0	98	99	0	99	7153.53	112
L	Aug 2013	46	89	0	90	89	0	89	7154.91	113
*	Sep 2013	58	66	2	68	69	0	69	7154.20	112
	WY 2013	**596**	**532**	**35**	**567**	**563**	**0**	**563**		
	Oct 2013	48	48	2	50	50	0	50	7153.73	112
	Nov 2013	33	13	2	15	15	0	15	7153.73	112
	Dec 2013	26	15	1	16	16	0	16	7153.73	112
	Jan 2014	21	16	1	17	17	0	17	7153.73	112
	Feb 2014	19	13	1	14	14	0	14	7153.73	112
	Mar 2014	31	18	1	19	19	0	19	7153.73	112
	Apr 2014	80	29	10	39	39	0	39	7153.73	112
	May 2014	250	107	25	132	132	0	132	7153.73	112
	Jun 2014	280	34	20	54	54	0	54	7153.73	112
	Jul 2014	96	92	4	96	96	0	96	7153.73	112
	Aug 2014	53	126	2	128	128	0	128	7153.73	112
	Sep 2014	39	114	2	116	116	0	116	7153.73	112
	WY 2014	**976**	**624**	**71**	**695**	**695**	**0**	**695**		
	Oct 2014	40	60	2	62	62	0	62	7153.73	112
	Nov 2014	33	30	2	32	32	0	32	7153.73	112
	Dec 2014	28	48	2	51	51	0	51	7153.73	112
	Jan 2015	27	55	2	57	57	0	57	7153.73	112
	Feb 2015	25	55	3	58	58	0	58	7153.73	112
	Mar 2015	40	32	4	36	36	0	36	7153.73	112
	Apr 2015	88	60	11	71	71	0	71	7153.73	112
	May 2015	247	109	26	135	135	0	135	7153.73	112
	Jun 2015	281	76	20	96	96	0	96	7153.73	112
	Jul 2015	123	112	6	118	118	0	118	7153.73	112
	Aug 2015	67	121	3	124	124	0	124	7153.73	112
	Sep 2015	41	112	3	115	115	0	115	7153.73	112
	WY 2015	**1039**	**869**	**84**	**953**	**953**	**0**	**953**		

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Managing Water in the West

October 2013 24-Month Study

Most Probable Inflow*

Crystal Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
*	Oct 2012	24	40	3	42	40	0	40	6750.72	16	20	20
H	Nov 2012	23	16	4	19	21	0	21	6746.77	15	1	19
I	Dec 2012	22	18	4	22	22	0	22	6749.11	16	1	20
S	Jan 2013	20	17	4	21	19	2	21	6747.09	15	0	20
T	Feb 2013	20	16	3	19	10	9	19	6745.57	15	0	19
O	Mar 2013	29	17	5	21	22	0	22	6744.50	15	0	22
R	Apr 2013	55	42	7	49	51	0	51	6738.38	13	33	20
I	May 2013	161	67	13	80	80	0	80	6736.96	13	66	18
C	Jun 2013	144	75	11	86	84	0	84	6744.76	15	65	25
A	Jul 2013	49	99	4	103	101	1	102	6748.24	16	67	41
L	Aug 2013	50	89	3	92	92	1	93	6745.72	15	62	35
*	Sep 2013	63	69	5	74	73	0	73	6746.17	15	48	27
	WY 2013	**660**	**563**	**65**	**628**	**613**	**14**	**627**			**363**	**286**
	Oct 2013	54	50	6	56	54	0	54	6753.04	17	30	24
	Nov 2013	37	15	4	19	19	0	19	6753.04	17	0	19
	Dec 2013	29	16	3	19	19	0	19	6753.04	17	0	19
	Jan 2014	23	17	2	19	19	0	19	6753.04	17	0	19
	Feb 2014	22	14	3	17	17	0	17	6753.04	17	0	17
	Mar 2014	36	19	5	24	24	0	24	6753.04	17	5	18
	Apr 2014	91	39	11	50	50	0	50	6753.04	17	30	20
	May 2014	280	132	30	162	134	28	162	6753.04	17	55	107
	Jun 2014	310	54	30	84	84	0	84	6753.04	17	60	24
	Jul 2014	105	96	9	105	105	0	105	6753.04	17	65	40
	Aug 2014	58	128	5	133	133	0	133	6753.04	17	65	68
	Sep 2014	44	116	5	121	121	0	121	6753.04	17	55	65
	WY 2014	**1089**	**695**	**113**	**808**	**778**	**28**	**806**			**365**	**441**
	Oct 2014	45	62	5	67	67	0	67	6753.04	17	30	37
	Nov 2014	37	32	4	36	36	0	36	6753.04	17	0	36
	Dec 2014	32	51	5	55	55	0	55	6753.04	17	0	55
	Jan 2015	31	57	5	62	62	0	62	6753.04	17	0	62
	Feb 2015	29	58	4	61	61	0	61	6753.04	17	0	61
	Mar 2015	46	36	6	42	42	0	42	6753.04	17	5	37
	Apr 2015	101	71	12	84	84	0	84	6753.04	17	30	54
	May 2015	281	135	34	169	134	35	169	6753.04	17	55	114
	Jun 2015	315	96	34	130	130	0	130	6753.04	17	60	70
	Jul 2015	138	118	14	132	132	0	132	6753.04	17	65	67
	Aug 2015	75	124	8	133	133	0	133	6753.04	17	65	68
	Sep 2015	47	115	6	121	121	0	121	6753.04	17	55	66
	WY 2015	**1177**	**953**	**139**	**1092**	**1057**	**35**	**1092**			**365**	**727**

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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October 2013 24-Month Study

Most Probable Inflow*

Vallecito Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Oct 2012	3	3	7624.51	36
H	Nov 2012	3	1	7625.69	37
I	Dec 2012	3	0	7627.33	40
S	Jan 2013	3	0	7629.10	43
T	Feb 2013	3	0	7630.60	46
O	Mar 2013	4	0	7632.64	50
R	Apr 2013	15	1	7639.26	63
I	May 2013	49	31	7647.20	80
C	Jun 2013	19	35	7639.75	64
A	Jul 2013	8	32	7626.95	40
L	Aug 2013	13	26	7617.79	26
*	Sep 2013	45	7	7639.82	64
	WY 2013	**169**	**138**		
	Oct 2013	20	7	7645.57	77
	Nov 2013	10	9	7645.84	77
	Dec 2013	7	7	7645.84	77
	Jan 2014	6	5	7645.82	77
	Feb 2014	5	4	7645.84	77
	Mar 2014	8	3	7647.88	82
	Apr 2014	27	3	7657.51	106
	May 2014	70	50	7665.00	125
	Jun 2014	66	66	7664.69	125
	Jul 2014	27	42	7658.99	109
	Aug 2014	18	38	7650.91	89
	Sep 2014	15	30	7644.53	74
	WY 2014	**278**	**264**		
	Oct 2014	14	17	7643.09	71
	Nov 2014	8	5	7644.68	75
	Dec 2014	6	5	7645.31	76
	Jan 2015	5	5	7645.55	77
	Feb 2015	5	4	7645.74	77
	Mar 2015	9	3	7648.04	82
	Apr 2015	23	3	7656.21	102
	May 2015	71	48	7664.99	125
	Jun 2015	70	70	7664.94	125
	Jul 2015	29	42	7660.01	112
	Aug 2015	20	38	7652.74	94
	Sep 2015	17	30	7647.54	81
	WY 2015	**279**	**269**		

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Most Probable Inflow*

Navajo Reservoir

	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azetea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Farmington Flow (1000 Ac-Ft)
*	Oct 2012	3	0	3	1	11	40	6027.78	986	43
H	Nov 2012	9	0	7	1	0	23	6026.11	970	32
I	Dec 2012	12	0	9	0	0	22	6024.73	957	30
S	Jan 2013	14	0	11	0	0	20	6023.77	947	
T	Feb 2013	13	0	10	1	0	19	6022.74	938	36
O	Mar 2013	31	1	26	1	6	22	6022.39	934	33
R	Apr 2013	71	7	53	2	21	36	6021.77	928	40
I	May 2013	154	17	118	3	36	17	6028.15	990	93
C	Jun 2013	40	8	46	3	42	33	6024.88	958	50
A	Jul 2013	2	1	25	3	40	51	6017.54	889	53
L	Aug 2013	43	3	53	3	34	41	6014.89	865	55
*	Sep 2013	151	5	110	2	15	25	6022.28	933	90
	WY 2013	**543**	**42**	**472**	**20**	**205**	**348**			**555**
	Oct 2013	65	0	52	1	4	16	6025.53	964	16
	Nov 2013	38	0	37	1	0	15	6027.74	986	15
	Dec 2013	25	0	25	0	0	15	6028.66	995	15
	Jan 2014	20	0	20	0	0	28	6027.83	987	28
	Feb 2014	26	0	26	1	0	25	6027.86	987	25
	Mar 2014	90	0	85	1	2	25	6033.47	1044	25
	Apr 2014	160	9	127	2	18	20	6041.70	1131	20
	May 2014	275	16	239	3	33	25	6056.94	1309	25
	Jun 2014	190	6	184	4	48	91	6060.21	1350	91
	Jul 2014	47	0	61	4	53	31	6058.03	1323	31
	Aug 2014	35	0	55	3	46	51	6054.35	1278	51
	Sep 2014	33	0	48	3	26	39	6052.69	1257	39
	WY 2014	**1004**	**32**	**958**	**25**	**229**	**380**			**380**
	Oct 2014	40	0	43	2	7	27	6053.32	1265	27
	Nov 2014	31	0	27	1	0	18	6054.00	1273	18
	Dec 2014	25	0	24	1	0	22	6054.07	1274	22
	Jan 2015	22	0	21	1	0	31	6053.24	1264	31
	Feb 2015	30	0	30	1	0	28	6053.33	1265	28
	Mar 2015	92	2	84	2	2	31	6057.42	1315	31
	Apr 2015	170	14	136	2	18	30	6064.12	1401	30
	May 2015	277	37	217	4	33	66	6072.48	1515	66
	Jun 2015	224	32	191	5	49	128	6073.12	1524	128
	Jul 2015	66	6	72	5	54	38	6071.33	1499	38
	Aug 2015	45	2	61	4	46	53	6068.31	1457	53
	Sep 2015	43	0	55	3	26	42	6067.15	1442	42
	WY 2015	**1065**	**94**	**961**	**29**	**235**	**513**			**513**

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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October 2013 24-Month Study

Most Probable Inflow*

Lake Powell

	Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry Gage (1000 Ac-Ft)
*	Oct 2012	190	294	37	498	0	498	3619.46	5150	13706	495
H	Nov 2012	246	273	35	652	78	730	3615.10	5114	13251	736
I	Dec 2012	201	247	27	801	0	801	3609.82	5071	12713	800
S	Jan 2013	168	230	8	801	0	801	3604.42	5028	12177	801
T	Feb 2013	262	300	9	600	0	600	3601.47	5005	11891	595
O	Mar 2013	362	357	14	601	0	601	3598.96	4986	11651	594
R	Apr 2013	355	326	22	551	0	551	3596.53	4967	11422	547
I	May 2013	1122	925	26	602	0	602	3599.44	4989	11697	591
C	Jun 2013	939	907	42	800	0	800	3600.07	4994	11757	800
A	Jul 2013	143	298	49	848	0	848	3594.17	4950	11202	862
L	Aug 2013	273	401	47	801	0	801	3589.64	4917	10788	815
*	Sep 2013	857	802	44	600	0	600	3591.25	4928	10934	607
	WY 2013	**5117**	**5358**	**361**	**8154**	**78**	**8232**				**8244**
	Oct 2013	550	503	30	480	0	480	3591.17	4928	10927	491
	Nov 2013	400	366	29	500	0	500	3589.50	4916	10775	509
	Dec 2013	290	291	23	600	0	600	3586.07	4891	10468	612
	Jan 2014	280	304	7	800	0	800	3580.74	4854	10003	813
	Feb 2014	320	326	7	600	0	600	3577.68	4833	9742	610
	Mar 2014	590	480	12	600	0	600	3576.23	4823	9620	611
	Apr 2014	950	723	19	500	0	500	3578.46	4838	9809	512
	May 2014	2200	1773	24	600	0	600	3590.57	4923	10873	611
	Jun 2014	2500	2000	41	600	0	600	3603.94	5024	12130	611
	Jul 2014	840	759	51	800	0	800	3603.07	5017	12045	819
	Aug 2014	400	543	51	800	0	800	3600.11	4995	11760	821
	Sep 2014	330	467	46	600	0	600	3598.37	4981	11595	614
	WY 2014	**9650**	**8535**	**341**	**7480**	**0**	**7480**				**7634**
	Oct 2014	447	489	32	600	0	600	3596.96	4971	11462	611
	Nov 2014	443	458	30	600	0	600	3595.25	4958	11303	609
	Dec 2014	363	429	24	800	0	800	3591.28	4929	10937	812
	Jan 2015	361	442	7	800	0	800	3587.53	4902	10599	813
	Feb 2015	393	452	8	650	0	650	3585.39	4886	10408	660
	Mar 2015	665	583	13	650	0	650	3584.56	4880	10335	661
	Apr 2015	1056	875	21	600	0	600	3587.22	4899	10570	612
	May 2015	2343	1971	26	650	0	650	3600.21	4995	11770	661
	Jun 2015	2666	2235	44	800	0	800	3613.23	5098	13058	811
	Jul 2015	1091	1007	55	1000	0	1000	3612.79	5095	13013	1019
	Aug 2015	500	623	54	1050	0	1050	3608.38	5059	12568	1071
	Sep 2015	408	547	49	800	0	800	3605.56	5037	12289	814
	WY 2015	**10735**	**10111**	**361**	**9000**	**0**	**9000**				**9154**

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

October 2013 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Glen Release (1000 Ac-Ft)	Side Inflow Glen to Hoover (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Oct 2012	498	53	49	346	5.6	20	331	862	1116.50	13263
H	Nov 2012	730	60	49	650	10.9	14	649	867	1117.24	13334
I	Dec 2012	801	50	43	476	7.7	11	432	886	1120.36	13636
S	Jan 2013	801	56	35	609	9.9	9	591	899	1122.32	13828
T	Feb 2013	600	68	32	646	11.6	8	644	898	1122.14	13810
O	Mar 2013	601	69	36	987	16.1	15	986	875	1118.59	13465
R	Apr 2013	551	37	44	1103	18.5	20	1102	840	1112.91	12921
I	May 2013	602	28	50	1007	16.4	27	1008	812	1108.36	12495
C	Jun 2013	800	1	59	948	15.9	28	947	798	1105.98	12276
A	Jul 2013	848	113	73	865	14.1	28	858	798	1105.92	12270
L	Aug 2013	801	133	78	808	13.1	28	790	799	1106.13	12289
*	Sep 2013	600	155	64	599	10.1	15	590	804	1106.92	12362
	WY 2013	**8232**	**824**	**612**	**9043**		**224**	**8927**			
	Oct 2013	480	54	47	686	11.2	18	686	790	1104.70	12158
	Nov 2013	500	44	46	561	9.4	24	561	785	1103.79	12076
	Dec 2013	600	99	40	514	8.4	19	514	793	1105.09	12194
	Jan 2014	800	81	33	718	11.7	16	718	800	1106.27	12302
	Feb 2014	600	94	30	714	12.9	18	714	795	1105.56	12238
	Mar 2014	600	77	34	1030	16.8	21	1030	771	1101.33	11854
	Apr 2014	500	80	41	1115	18.7	14	1115	735	1095.08	11300
	May 2014	600	64	46	1002	16.3	24	1002	710	1090.69	10917
	Jun 2014	600	33	55	939	15.8	22	939	686	1086.49	10556
	Jul 2014	800	55	68	861	14.0	28	861	680	1085.36	10460
	Aug 2014	800	109	72	827	13.5	23	827	679	1085.21	10447
	Sep 2014	600	81	59	634	10.7	19	634	677	1084.87	10419
	WY 2014	**7480**	**870**	**570**	**9603**		**246**	**9603**			
	Oct 2014	600	54	43	465	7.6	17	465	685	1086.30	10540
	Nov 2014	600	44	43	610	10.3	23	610	683	1085.94	10509
	Dec 2014	800	99	38	500	8.1	18	500	704	1089.70	10831
	Jan 2015	800	81	31	726	11.8	16	726	711	1090.87	10932
	Feb 2015	650	94	28	696	12.5	18	696	711	1090.88	10933
	Mar 2015	650	77	32	1045	17.0	22	1045	688	1086.83	10585
	Apr 2015	600	80	39	1132	19.0	14	1132	657	1081.20	10111
	May 2015	650	64	44	1019	16.6	24	1019	634	1076.95	9760
	Jun 2015	800	33	52	955	16.0	23	955	622	1074.68	9575
	Jul 2015	1000	55	65	878	14.3	29	878	627	1075.64	9653
	Aug 2015	1050	109	70	842	13.7	24	842	641	1078.21	9863
	Sep 2015	800	81	58	647	10.9	19	647	651	1079.99	10010
	WY 2015	**9000**	**870**	**542**	**9515**		**248**	**9515**			

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

October 2013 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Oct 2012	346	-3	14	556	0	556	9.0	630.75	1377
H	Nov 2012	650	-11	10	499	0	499	8.4	635.82	1507
I	Dec 2012	476	-6	9	395	0	395	6.4	638.30	1572
S	Jan 2013	609	-11	10	510	0	510	8.3	641.20	1650
T	Feb 2013	646	-12	10	609	0	609	11.0	641.78	1665
O	Mar 2013	987	-11	13	956	0	956	15.5	642.06	1673
R	Apr 2013	1103	-20	17	1017	0	1017	17.1	643.87	1723
I	May 2013	1007	-15	22	959	0	959	15.6	644.24	1733
C	Jun 2013	948	-16	26	928	0	928	15.6	643.45	1711
A	Jul 2013	865	-24	26	810	0	810	13.2	643.66	1717
L	Aug 2013	808	-16	23	749	0	749	12.2	644.35	1736
*	Sep 2013	599	-11	18	681	0	681	11.4	640.23	1624
	WY 2013	**9043**	**-158**	**198**	**8669**	**0**	**8669**			
	Oct 2013	686	0	15	757	0	757	12.3	637.00	1538
	Nov 2013	561	-16	10	561	0	561	9.4	636.00	1512
	Dec 2013	514	-17	9	416	0	416	6.8	638.71	1583
	Jan 2014	718	-16	10	610	0	610	9.9	641.80	1666
	Feb 2014	714	-8	10	696	0	696	12.5	641.80	1666
	Mar 2014	1030	-16	13	967	0	967	15.7	643.05	1700
	Apr 2014	1115	-15	17	1085	0	1085	18.2	643.00	1699
	May 2014	1002	-14	22	966	0	966	15.7	643.00	1699
	Jun 2014	939	-12	25	929	0	929	15.6	642.00	1671
	Jul 2014	861	-5	25	845	0	845	13.7	641.50	1658
	Aug 2014	827	-8	23	797	0	797	13.0	641.50	1658
	Sep 2014	634	-1	18	708	0	708	11.9	638.00	1564
	WY 2014	**9603**	**-129**	**197**	**9336**	**0**	**9336**			
	Oct 2014	465	0	15	580	0	580	9.4	633.00	1434
	Nov 2014	610	-16	10	533	0	533	9.0	635.00	1486
	Dec 2014	500	-17	9	376	0	376	6.1	638.71	1583
	Jan 2015	726	-16	10	618	0	618	10.1	641.80	1666
	Feb 2015	696	-8	10	678	0	678	12.2	641.80	1666
	Mar 2015	1045	-16	13	982	0	982	16.0	643.05	1700
	Apr 2015	1132	-15	17	1102	0	1102	18.5	643.00	1699
	May 2015	1019	-14	22	983	0	983	16.0	643.00	1699
	Jun 2015	955	-12	25	944	0	944	15.9	642.00	1671
	Jul 2015	878	-5	25	861	0	861	14.0	641.50	1658
	Aug 2015	842	-8	23	812	0	812	13.2	641.50	1658
	Sep 2015	647	-1	18	721	0	721	12.1	638.00	1564
	WY 2015	**9515**	**-129**	**197**	**9189**	**0**	**9189**			

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

October 2013 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	Oct 2012	556	34	12	482	7.8	14	32	449.31	606	70	1.1
H	Nov 2012	499	27	9	348	5.9	14	174	448.06	581	88	1.5
I	Dec 2012	395	21	7	289	4.7	15	132	446.41	550	132	2.2
S	Jan 2013	510	17	6	352	5.7	57	80	448.01	580	143	2.3
T	Feb 2013	609	4	8	444	8.0	7	147	448.13	583	158	2.8
O	Mar 2013	956	7	9	680	11.1	98	180	447.58	572	191	3.1
R	Apr 2013	1017	13	11	765	12.9	84	148	448.35	587	185	3.1
I	May 2013	959	20	13	677	11.0	97	174	448.76	595	98	1.5
C	Jun 2013	928	15	16	688	11.6	104	129	448.45	589	98	1.7
A	Jul 2013	810	27	17	626	10.2	100	80	448.51	590	110	1.8
L	Aug 2013	749	38	17	552	9.0	99	95	449.22	604	109	1.8
*	Sep 2013	681	26	15	486	8.2	91	149	446.96	560	97	1.6
	WY 2013	**8669**	**250**	**141**	**6389**		**780**	**1521**			**1477**	
	Oct 2013	757	26	12	484	7.9	99	170	447.50	570	55	0.9
	Nov 2013	561	32	9	375	6.3	49	155	447.50	570	86	1.4
	Dec 2013	416	26	6	260	4.2	93	124	445.00	525	94	1.5
	Jan 2014	610	16	6	340	5.5	98	176	445.00	525	125	2.0
	Feb 2014	696	10	7	450	8.1	88	127	446.50	552	156	2.8
	Mar 2014	967	17	9	690	11.2	98	175	446.70	555	201	3.3
	Apr 2014	1085	21	11	785	13.2	95	169	448.70	593	212	3.6
	May 2014	966	20	13	690	11.2	98	173	448.70	593	111	1.8
	Jun 2014	929	15	16	683	11.5	95	137	448.70	593	109	1.8
	Jul 2014	845	25	17	716	11.6	98	38	448.00	580	111	1.8
	Aug 2014	797	24	17	633	10.3	98	70	447.50	571	105	1.7
	Sep 2014	708	23	15	549	9.2	70	101	446.81	557	102	1.7
	WY 2014	**9336**	**256**	**139**	**6655**		**1079**	**1616**			**1468**	
	Oct 2014	580	26	12	448	7.3	24	124	446.31	548	65	1.1
	Nov 2014	533	32	8	376	6.3	24	147	446.50	552	99	1.7
	Dec 2014	376	26	6	275	4.5	24	92	446.50	552	105	1.7
	Jan 2015	618	16	6	348	5.7	98	176	446.50	552	125	2.0
	Feb 2015	678	10	8	458	8.3	88	127	446.50	552	156	2.8
	Mar 2015	982	17	9	704	11.5	98	175	446.70	555	201	3.3
	Apr 2015	1102	21	11	801	13.5	95	169	448.70	593	212	3.6
	May 2015	983	20	13	707	11.5	98	173	448.70	593	111	1.8
	Jun 2015	944	15	16	698	11.7	95	137	448.70	593	109	1.8
	Jul 2015	861	25	17	733	11.9	98	38	448.00	580	111	1.8
	Aug 2015	812	24	17	648	10.5	98	70	447.50	571	105	1.7
	Sep 2015	721	23	15	563	9.5	70	101	446.81	557	102	1.7
	WY 2015	**9189**	**256**	**139**	**6759**		**910**	**1531**			**1500**	

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

October 2013 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Oct 2012	346	5.6	1116.50	13263	128	476.50	1051.0	141.3	58	409.0
H	Nov 2012	650	10.9	1117.24	13334	71	473.22	1051.0	276.3	58	424.7
I	Dec 2012	476	7.7	1120.36	13636	302	475.06	1520.0	198.5	84	417.3
S	Jan 2013	609	9.9	1122.32	13828	192	474.10	1062.0	259.8	59	426.6
T	Feb 2013	646	11.6	1122.14	13810	-18	475.07	1072.0	276.4	59	427.6
O	Mar 2013	987	16.1	1118.59	13465	-346	472.93	1073.0	425.6	59	431.1
R	Apr 2013	1103	18.5	1112.91	12921	-544	463.52	1042.0	467.6	57	423.9
I	May 2013	1007	16.4	1108.36	12495	-426	463.02	1353.0	419.9	75	417.1
C	Jun 2013	948	15.9	1105.98	12276	-219	460.72	1726.0	388.1	97	409.5
A	Jul 2013	865	14.1	1105.92	12270	-5	460.74	1753.0	348.3	100	402.7
L	Aug 2013	808	13.1	1106.13	12289	19	461.35	1737.0	325.9	100	403.4
*	Sep 2013	599	10.1	1106.92	12362	73	464.61	1737.0	242.5	100	405.1
	WY 2013	**9043**							**3770.1**		
	Oct 2013	686	11.2	1104.70	12158	-203	457.53	1332.0	278.9	77	406.5
	Nov 2013	561	9.4	1103.79	12076	-82	458.32	1171.0	227.7	68	405.5
	Dec 2013	514	8.4	1105.09	12194	118	456.51	1405.0	209.2	81	407.2
	Jan 2014	718	11.7	1106.27	12302	108	460.02	747.0	306.3	43	426.5
	Feb 2014	714	12.9	1105.56	12238	-64	456.44	1190.0	297.0	69	415.8
	Mar 2014	1030	16.8	1101.33	11854	-383	451.89	1437.0	420.0	84	407.7
	Apr 2014	1115	18.7	1095.08	11300	-554	446.71	1343.0	458.6	80	411.2
	May 2014	1002	16.3	1090.69	10917	-384	441.36	1334.0	399.0	81	398.0
	Jun 2014	939	15.8	1086.49	10556	-360	436.09	1517.0	371.1	93	395.2
	Jul 2014	861	14.0	1085.36	10460	-97	433.21	1619.0	339.4	100	394.1
	Aug 2014	827	13.5	1085.21	10447	-13	432.74	1618.0	324.3	100	392.0
	Sep 2014	634	10.7	1084.87	10419	-29	433.63	1616.0	241.7	100	381.4
	WY 2014	**9603**							**3873.2**		
	Oct 2014	465	7.6	1086.30	10540	121	438.27	1320.0	180.7	82	388.8
	Nov 2014	610	10.3	1085.94	10509	-31	441.89	1096.0	242.6	68	397.4
	Dec 2014	500	8.1	1089.70	10831	322	439.66	1409.0	196.3	87	392.8
	Jan 2015	726	11.8	1090.87	10932	101	441.80	1129.0	289.8	70	399.0
	Feb 2015	696	12.5	1090.88	10933	1	441.38	1126.0	279.6	69	401.7
	Mar 2015	1045	17.0	1086.83	10585	-348	435.67	1348.8	408.0	84	390.5
	Apr 2015	1132	19.0	1081.20	10111	-474	430.48	1261.5	443.5	80	391.9
	May 2015	1019	16.6	1076.95	9760	-351	425.61	1253.4	387.4	81	380.1
	Jun 2015	955	16.0	1074.68	9575	-185	422.70	1433.5	358.6	93	375.7
	Jul 2015	878	14.3	1075.64	9653	78	422.54	1541.9	338.2	100	385.2
	Aug 2015	842	13.7	1078.21	9863	210	424.45	1556.4	324.7	100	385.4
	Sep 2015	647	10.9	1079.99	10010	147	427.74	1566.5	244.5	100	377.7
	WY 2015	**9515**							**3693.8**		

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

October 2013 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Oct 2012	556	9.0	630.75	1377	-228	130.98	206.6	68.5	81	123.3
H	Nov 2012	499	8.4	635.82	1507	130	136.16	168.3	67.9	66	136.0
I	Dec 2012	395	6.4	638.30	1572	65	134.78	183.6	44.1	72	111.7
S	Jan 2013	510	8.3	641.20	1650	78	139.33	163.2	63.2	64	123.8
T	Feb 2013	609	11.0	641.78	1665	16	138.67	153.0	76.8	60	126.1
O	Mar 2013	956	15.5	642.06	1673	8	140.26	191.3	120.2	75	125.8
R	Apr 2013	1017	17.1	643.87	1723	49	142.09	252.5	128.5	99	126.3
I	May 2013	959	15.6	644.24	1733	10	143.40	244.8	121.8	96	127.0
C	Jun 2013	928	15.6	643.45	1711	-22	141.69	247.4	116.9	97	126.0
A	Jul 2013	810	13.2	643.66	1717	6	141.93	249.9	102.9	98	127.1
L	Aug 2013	749	12.2	644.35	1736	19	143.01	255.0	92.1	100	122.9
*	Sep 2013	681	11.4	640.23	1624	-112	138.83	255.0	89.1	100	130.8
	WY 2013	**8669**							**1092.0**		
	Oct 2013	757	12.3	637.00	1538	-86	133.15	196.4	92.5	77	122.2
	Nov 2013	561	9.4	636.00	1512	-26	132.23	158.1	68.1	62	121.3
	Dec 2013	416	6.8	638.71	1583	71	132.59	173.4	51.2	68	123.2
	Jan 2014	610	9.9	641.80	1666	83	135.97	163.2	76.0	64	124.5
	Feb 2014	696	12.5	641.80	1666	0	137.17	173.4	87.0	68	125.0
	Mar 2014	967	15.7	643.05	1700	34	135.44	255.0	120.5	100	124.5
	Apr 2014	1085	18.2	643.00	1699	-2	136.07	255.0	134.9	100	124.3
	May 2014	966	15.7	643.00	1699	0	136.04	255.0	120.8	100	125.1
	Jun 2014	929	15.6	642.00	1671	-27	135.51	255.0	115.7	100	124.6
	Jul 2014	845	13.7	641.50	1658	-14	134.73	255.0	105.2	100	124.6
	Aug 2014	797	13.0	641.50	1658	0	134.46	255.0	99.2	100	124.6
	Sep 2014	708	11.9	638.00	1564	-94	132.62	255.0	87.4	100	123.4
	WY 2014	**9336**							**1158.5**		
	Oct 2014	580	9.4	633.00	1434	-130	129.88	196.4	69.8	77	120.5
	Nov 2014	533	9.0	635.00	1486	51	129.62	158.1	63.5	62	119.3
	Dec 2014	376	6.1	638.71	1583	97	132.06	173.4	46.2	68	123.0
	Jan 2015	618	10.1	641.80	1666	83	135.97	163.2	76.9	64	124.5
	Feb 2015	678	12.2	641.80	1666	0	137.17	173.4	84.8	68	125.1
	Mar 2015	982	16.0	643.05	1700	34	135.44	255.0	122.2	100	124.5
	Apr 2015	1102	18.5	643.00	1699	-2	136.07	255.0	136.9	100	124.3
	May 2015	983	16.0	643.00	1699	0	136.04	255.0	122.8	100	125.0
	Jun 2015	944	15.9	642.00	1671	-27	135.51	255.0	117.6	100	124.6
	Jul 2015	861	14.0	641.50	1658	-14	134.73	255.0	107.2	100	124.5
	Aug 2015	812	13.2	641.50	1658	0	134.46	255.0	101.1	100	124.5
	Sep 2015	721	12.1	638.00	1564	-94	132.62	255.0	89.0	100	123.3
	WY 2015	**9189**							**1138.1**		

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2156

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

October 2013 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Oct 2012	482	7.8	449.31	606	44	83.52	96.0	33.3	80	69.0
H	Nov 2012	348	5.9	448.06	581	-24	82.22	92.4	24.1	77	69.2
I	Dec 2012	289	4.7	446.41	550	-31	80.98	103.2	19.5	86	67.5
S	Jan 2013	352	5.7	448.01	580	30	83.56	102.0	24.4	85	69.4
T	Feb 2013	444	8.0	448.13	583	2	80.52	115.2	31.2	96	70.1
O	Mar 2013	680	11.1	447.58	572	-10	81.73	120.0	46.8	100	68.9
R	Apr 2013	765	12.9	448.35	587	15	82.42	97.2	51.1	81	66.8
I	May 2013	677	11.0	448.76	595	8	80.83	104.4	46.4	87	68.6
C	Jun 2013	688	11.6	448.45	589	-6	82.20	117.6	47.4	98	68.9
A	Jul 2013	626	10.2	448.51	590	1	80.88	120.0	43.4	100	69.3
L	Aug 2013	552	9.0	449.22	604	14	82.71	120.0	37.0	100	67.0
*	Sep 2013	486	8.2	446.96	560	-43	80.66	120.0	34.5	100	71.0
	WY 2013	**6389**							**439.1**		
	Oct 2013	484	7.9	447.50	570	10	75.72	96.0	31.7	80	65.6
	Nov 2013	375	6.3	447.50	570	0	76.17	92.4	24.4	77	65.2
	Dec 2013	260	4.2	445.00	525	-46	74.95	92.4	16.3	77	62.7
	Jan 2014	340	5.5	445.00	525	0	73.61	94.8	21.5	79	63.0
	Feb 2014	450	8.1	446.50	552	27	74.46	92.4	29.1	77	64.8
	Mar 2014	690	11.2	446.70	555	4	74.93	99.6	45.4	83	65.8
	Apr 2014	785	13.2	448.70	593	38	75.08	120.0	51.8	100	66.0
	May 2014	690	11.2	448.70	593	0	76.05	120.0	45.9	100	66.4
	Jun 2014	683	11.5	448.70	593	0	76.05	120.0	45.4	100	66.5
	Jul 2014	716	11.6	448.00	580	-13	75.71	120.0	47.5	100	66.3
	Aug 2014	633	10.3	447.50	571	-9	75.13	120.0	41.5	100	65.6
	Sep 2014	549	9.2	446.81	557	-13	74.55	120.0	35.6	100	64.9
	WY 2014	**6655**							**436.1**		
	Oct 2014	448	7.3	446.31	548	-9	74.77	102.0	28.9	85	64.6
	Nov 2014	376	6.3	446.50	552	3	74.62	102.0	24.1	85	64.1
	Dec 2014	275	4.5	446.50	552	0	74.71	102.0	17.2	85	62.7
	Jan 2015	348	5.7	446.50	552	0	74.71	102.0	22.2	85	63.7
	Feb 2015	458	8.3	446.50	552	0	73.92	120.0	29.4	100	64.2
	Mar 2015	704	11.5	446.70	555	4	74.01	120.0	45.7	100	64.9
	Apr 2015	801	13.5	448.70	593	38	75.08	120.0	52.9	100	66.0
	May 2015	707	11.5	448.70	593	0	76.05	120.0	47.0	100	66.5
	Jun 2015	698	11.7	448.70	593	0	76.05	120.0	46.5	100	66.5
	Jul 2015	733	11.9	448.00	580	-13	75.71	120.0	48.6	100	66.3
	Aug 2015	648	10.5	447.50	571	-9	75.13	120.0	42.5	100	65.6
	Sep 2015	563	9.5	446.81	557	-13	74.55	120.0	36.5	100	65.0
	WY 2015	**6759**							**441.6**		

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

October 2013 24-Month Study

Most Probable Inflow*

Upper Basin Power

	Date	Glen Canyon 1000 MWHR	Flaming Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Reservoir 1000 MWHR	Fontenelle Reservoir 1000 MWHR
*	Oct 2012	221	20	8	13	6	2
I	Dec 2012	346	27	4	6	2	4
S	Jan 2013	349	28	4	6	2	4
T	Feb 2013	259	25	4	5	1	3
O	Mar 2013	258	20	4	5	2	3
	Winter 2013	**1433**	**121**	**23**	**35**	**12**	**15**
R	Apr 2013	235	19	10	14	8	3
I	May 2013	257	26	15	23	15	3
C	Jun 2013	344	52	18	26	16	3
A	Jul 2013	361	26	26	35	20	3
L	Aug 2013	338	26	23	31	18	3
*	Sep 2013	253	25	17	24	14	3
	Summer 2013	**1789**	**173**	**108**	**153**	**90**	**19**
	Oct 2013	187	18	13	18	9	4
	Nov 2013	194	17	3	5	3	3
	Dec 2013	230	18	4	6	3	4
	Jan 2014	304	18	4	6	3	3
	Feb 2014	227	16	4	5	3	3
	Mar 2014	226	18	5	7	4	3
	Winter 2014	**1368**	**106**	**33**	**47**	**26**	**20**
	Apr 2014	188	18	8	14	9	6
	May 2014	229	37	30	48	23	8
	Jun 2014	236	40	10	19	15	9
	Jul 2014	318	30	29	35	18	10
	Aug 2014	317	30	39	46	23	7
	Sep 2014	237	29	34	42	21	3
	Summer 2014	**1526**	**182**	**150**	**203**	**108**	**42**
	Oct 2014	237	30	18	22	12	6
	Nov 2014	235	29	9	11	6	6
	Dec 2014	311	30	14	18	10	6
	Jan 2015	308	30	16	21	11	6
	Feb 2015	250	27	16	21	11	5
	Mar 2015	249	30	9	13	7	5
	Winter 2015	**1590**	**174**	**82**	**106**	**56**	**33**
	Apr 2015	229	29	17	26	14	5
	May 2015	252	46	32	49	23	7
	Jun 2015	319	58	23	35	22	9
	Jul 2015	404	36	35	42	23	10
	Aug 2015	423	36	38	45	23	8
	Sep 2015	321	35	34	41	21	3
	Summer 2015	**1628**	**205**	**146**	**196**	**106**	**38**

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

October 2013 24-Month Study

Most Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions

Date	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Total KAF	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****CREDITABLE SPACE****										
Oct 2013	1,042	481	763	13388	15674	15015	30689	1042	481	763	2286	13388	15015	30689	3040	686	0	29.7
Nov 2013	1,047	485	732	13395	15659	15219	30880	1047	485	732	2263	13395	15219	30880	3810	561	0	29.5
Dec 2013	1,058	467	710	13547	15782	15301	31090	1058	467	710	2235	13547	15301	31090	4580	514	0	29.3
Jan 2014	1,081	457	701	13854	16093	15183	31289	1081	457	701	2239	13854	15183	31289	5350	718	0	29.0
								****EFFECTIVE SPACE****										
Jan 2014	1,081	457	701	13854	16093	15183	31289	530	407	498	1435	13854	15183	30508	5350	718	0	29.0
Feb 2014	1,104	453	709	14319	16585	15075	31679	551	403	506	1459	14319	15075	30895	1500	714	0	28.7
Mar 2014	1,118	447	709	14580	16854	15139	32016	562	398	505	1464	14580	15139	31230	1500	1030	0	28.4
Apr 2014	1,088	435	652	14702	16877	15523	32425	527	385	445	1357	14702	15523	31631	1500	1115	0	28.2
May 2014	1,023	393	565	14513	16495	16077	32585	455	344	338	1137	14513	16077	31764	1500	1002	0	29.3
Jun 2014	927	286	387	13449	15050	16460	31510	348	226	124	698	13449	16460	30631	1500	939	0	30.7
Jul 2014	715	82	346	12192	13334	16821	30153	119	0	30	149	12192	16821	29182	1500	861	0	30.5
								****CREDITABLE SPACE****										
Aug 2014	614	76	373	12277	13341	16917	30255	614	76	373	1064	12277	16917	30255	1500	827	0	30.1
Sep 2014	635	143	418	12562	13758	16930	30685	635	143	418	1197	12562	16930	30685	2270	634	0	29.6
Oct 2014	676	212	439	12727	14053	16958	31009	676	212	439	1326	12727	16958	31009	3040	465	0	29.4
Nov 2014	710	229	431	12860	14229	16837	31063	710	229	431	1369	12860	16837	31063	3810	610	0	29.3
Dec 2014	743	227	423	13019	14411	16868	31277	743	227	423	1392	13019	16868	31277	4580	500	0	29.3
Jan 2015	791	248	422	13385	14846	16546	31390	791	248	422	1461	13385	16546	31390	5350	726	0	29.0
								****EFFECTIVE SPACE****										
Jan 2015	791	248	422	13385	14846	16546	31390	467	248	400	1115	13385	16546	30856	5350	726	0	29.0
Feb 2015	835	277	432	13723	15267	16445	31710	509	277	409	1195	13723	16445	31173	1500	696	0	28.8
Mar 2015	866	308	431	13914	15519	16444	31960	538	308	407	1253	13914	16444	31420	1500	1045	0	28.5
Apr 2015	850	303	381	13987	15521	16792	32311	517	303	354	1173	13987	16792	31762	1500	1132	0	28.4
May 2015	802	289	295	13752	15138	17266	32402	462	289	247	999	13752	17266	31826	1500	1019	0	29.6
Jun 2015	695	193	181	12552	13620	17617	31245	344	190	96	630	12552	17617	30619	1500	955	0	31.1
Jul 2015	480	31	172	11264	11946	17802	29761	112	5	34	151	11264	17802	29043	1500	878	0	31.1
								****CREDITABLE SPACE****										
Aug 2015	386	27	197	11309	11919	17724	29656	386	27	197	610	11309	17724	29656	1500	842	0	30.8
Sep 2015	410	76	239	11754	12479	17514	30007	410	76	239	725	11754	17514	30007	2270	647	0	30.4

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2156

Processed On: 10/21/2013 9:27:16AM

November 24-Month Study
Date: November 14, 2013

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

Reservoir	October Inflow (unregulated) (acre-feet)	Percent of Average (%)	November 13 Midnight Elevation (feet)	Reservoir Storage (acre-feet)
Fontenelle	53,000	109	6491.83	239,000
Flaming Gorge	68,000	115	6015.37	2,819,000
Blue Mesa	48,000	126	7457.43	356,000
Navajo	57,000	122	6024.39	953,000
Powell	549,000	107	3589.18	10,746,000

Expected Operations

The operation of Lake Powell and Lake Mead in this November 2013 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines), and reflects the 2013 Annual Operating Plan (AOP) and draft 2014 AOP. Pursuant to the Interim Guidelines, the August 2013 24-Month Study projections of the January 1, 2014, system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2014.

Consistent with Section 6.C.1 of the Interim Guidelines, the Lake Powell operational tier for water year 2014 is the Mid-Elevation Release Tier with an annual release volume of 7.48 maf. This was determined in the August 2013 24-Month study which projected that, with an 8.23 maf annual release pattern in water year 2014, the January 1, 2014, the Lake Powell elevation would be below 3,575.0 feet and the Lake Mead elevation would be above 1,025.0 feet.

Consistent with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar years 2013 and 2014.

The tier determinations will be documented in the 2014 AOP, which is currently in the final stages of development.

The Interim Guidelines are available for download at
http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The 2013 AOP is available for download at
http://www.usbr.gov/uc/water/rsvrs/ops/aop/AOP13_final.pdf.
The Draft 2014 AOP is available for download at
http://www.usbr.gov/lc/region/g4000/AOP2014/AOP14_draft.pdf.

Fontenelle Reservoir – Inflows to Fontenelle Reservoir for the month of October were 53,000 acre-feet (AF), or 109 percent of average. The reservoir elevation is 6491.8 feet, 70 percent of live capacity. Inflows are averaging 800 cubic feet per second (cfs) and are expected to remain steady or decrease over the next month. The fall and winter season continues to be wetter than forecasted and forecasted continue to increase. Fontenelle releases are currently at 990 cfs and are expected to remain at that level for the remainder of the winter, but releases may be revised to respond to significant changes in hydrology. Projected are updated monthly and new projections will be posted.

Inflows for the next three months are projected to be below average: with November, December and January forecasted inflow volumes at 42,000 AF (95% of average), 30,000 AF (94% of average), and 27,000 AF (90% of average), respectively. The observed April through July unregulated inflow volume was 317,000 af or 44 percent of the 1981-2010 thirty-year average.

The next Fontenelle Working Group meeting is scheduled for April 23, 2014, at 10:00 am at the Seedskadee National Wildlife Refuge. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir. The autumn Fontenelle Working Group meeting was held on August 23, 2013 at the Joint Powers Water Board in Green River. Minutes from past meetings are posted on the Working Group webpages.

Flaming Gorge Reservoir – Unregulated inflow into Flaming Gorge Reservoir during the month of October was 68,000 acre-feet (AF), or 115 percent of average. The reservoir elevation is 6015.3 feet and holding steady. Observed inflows are averaging 900 cubic feet per second (cfs).

Flaming Gorge releases are currently 800 cfs steady minimum releases and are anticipated to remain at this level through winter until spring runoff beings sometime in May or June 2014. The reservoir elevation is projected to reach 6015 feet remain close to that level through the winter before increasing to a peak elevation next year of approximately 6026 feet.

Inflows for the next three months are projected to be below average: with November, December and January forecasted inflow volumes at 50,000 AF (98% of average), 33,000 AF (94% of average), and 34,000 AF (85% of average), respectively. The observed April

through July unregulated inflow volume is 361,000 AF or 37 percent of the 1981-2010 thirty-year average.

The next Flaming Gorge Working Group meeting is scheduled for April 24, 2014, at 11:00 a.m. to be held in the Utah Department of Natural Resources building in Vernal, Utah. The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stake holders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations and plans presented by Reclamation at these meetings. Meeting notes from past Working Group meetings are posted on the Working Group webpage. For more information on this group and these meetings please contact Ed Vidmar at 801-379-1182.

Aspinall Unit Reservoirs – October unregulated inflow into Blue Mesa Reservoir was 48,000 acre-feet or 126 percent of average. Precipitation during October was observed to be about 110 percent of average. The current inflow rate into Blue Mesa Reservoir is about 650 cfs while reservoir releases are averaging about 300 cfs. Blue Mesa's present elevation is 7456.64 feet, which corresponds to a storage content of about 351,000 acre-feet. The unregulated reservoir inflow into Blue Mesa Reservoir during water year 2013 was 560,500 acre-feet, or about 59 percent of average.

Releases from Crystal are currently set at 300 cfs. The Gunnison Diversion Tunnel was shut down for the season on October 30th, with exception of some small 50 to 100 cfs diversions taken bi-weekly for municipal water needs in Montrose, Colorado. River flows below the tunnel are essentially the same as releases from the Dam, with the exception of when the tunnel is taking water to refill Fairfield Reservoir for Montrose municipal water needs.

On November 1, 2013, the National Weather Service's River Forecasting Center issued its forecasted inflow into Blue Mesa for the next 3 months. The unregulated inflow forecast for November, December, and January is for 52,000 acre-feet, which is 95% of average for these months.

The next operation meeting is scheduled for 1:00 p.m., Thursday, January 23rd, 2014 at the Holiday Inn Express in Montrose, Colorado. At this meeting, review of last summer and fall reservoir operations, and plans for this winter and next spring 2014 operations will be discussed. These meetings are open forum discussions on the Aspinall Unit reservoir operations with many interested groups participating. Anyone needing further information about these meetings should contact Dan Crabtree in the Grand Junction Area Office at (970) 248-0652.

Navajo Reservoir – As a result of increasing flows in the San Juan River Basin, Reclamation decreased the release from Navajo Reservoir from 350 cfs (cubic feet per second) to 250 cfs on Tuesday, September 24th. Releases are made for the authorized purposes of the Navajo Unit, and to attempt to maintain a target base flow through the

endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell).

The San Juan River Basin Recovery Implementation Program recommends a target base flow of between 500 cfs and 1,000 cfs through the critical habitat area. The target base flow is calculated as the weekly average of gaged flows throughout the critical habitat area.

Navajo was at 6024.13 feet of pool elevation and 950,849 acre-feet of storage by the end of October, which was 69% of average for the end of the month. Modified unregulated inflow was 57,475 acre-feet, which was 122% of average for October. Calculated evaporation for the month was 1,307 acre-ft. The reservoir gained an average of 576 acre-feet per day throughout October, including NIIP diversions and evaporation. An average of 250 cfs was maintained from the auxiliary outlet works throughout all of October. NIIP diverted a total of 3,623 acre-ft. Navajo Reservoir recorded 1.05 inches of precipitation (85% of average).

As of November 4th, the release at Navajo is 250 cfs, and the observed inflow is 445 cfs. The reservoir elevation is 6024.24 feet and the content is 951,906 acre-feet, or 56% full (28% of Active). NIIP has ceased diverting for the season as of October 21st. The San Juan River at Four Corners USGS gage is at 756 cfs and the Animas River at Farmington USGS gage is at 432 cfs. The reservoir began storing water as of September 9th and continues to gain storage at present.

The most probable modified-unregulated inflow forecast* for November at Navajo is 34,000 acre-feet (102% of average), for December is 24,000 acre-feet (96% of average), and for January is 21,000 acre-feet (96% of average). Modified unregulated inflow is defined as the predicted hydrologic inflow volume into Navajo plus the change in storage at Vallecito Reservoir and the San-Juan Chama diversion volume.

The Fall Operations Meeting was held on August 27th at the Farmington Civic Center. The next Public Operations meeting is scheduled for January 21st 2014.These meetings are open forum discussions on the operation of Navajo Reservoir with many interested groups participating. Anyone interested in the general operation of the reservoir is encouraged to attend. Please contact Ryan Christianson in Reclamation's Durango, Colorado Office at (970) 385-6590 for information about these meetings or the daily operation of Navajo Reservoir.

Glen Canyon Dam / Lake Powell –

Current Status

The unregulated inflow volume to Lake Powell in October was 549 thousand acre-feet (kaf) (107% of average). The release volume from Glen Canyon Dam in October was 481 kaf. The end of October elevation and storage of Lake Powell were 3590.9 feet (109.1 feet from full pool) and 10.90 million acre-feet (maf) (45% of full capacity),

respectively. The reservoir elevation is now declining and will continue to decline through the fall and winter until spring runoff in 2014.

Current Operations

The operating tier for water year 2014 is the Mid-Elevation Release Tier with an annual release volume of 7.48 maf, as established in August 2013 and pursuant to the Interim Guidelines, Section 6.C.1. Reclamation will schedule operations at Glen Canyon Dam to achieve as practicably as possible a 7.48 maf annual release volume by September 30, 2014.

From November 11-16, 2013, the Department of Interior is conducting a High Flow Experiment (HFE). Under the HFE Protocol, high flow releases are linked to sediment input and other resource conditions below Glen Canyon Dam. During the HFE, total releases from Glen Canyon Dam at full powerplant capacity and bypass may reach approximately 34,100 cfs. Releases will be maintained at peak release for 4 days (96 hours). The total experiment, including ramping, is expected to last just over five days. November releases from Glen Canyon Dam prior to and after the HFE are expected to fluctuate between 5,000cfs and 8,000cfs. The elevation of Lake Powell is expected to decrease approximately 2 ½ feet during the 5 day experiment. The total release volume in November, including the HFE, will be approximately 670 kaf. The annual release volume from Lake Powell remains 7.48 maf and will not change as a result of the HFE. In December, the release volume will likely be about 600 kaf, with fluctuations from about 6,000 cfs in the daytime to about 12,000 cfs in the nighttime and consistent with the Glen Canyon Operating Criteria (Federal Register, Volume 62, No. 41, March 3, 1997). In January, the release volume will likely be about 800 kaf with daily fluctuations for hydropower.

In addition to daily scheduled fluctuations for power generation, the instantaneous releases from Glen Canyon Dam may also fluctuate to provide 40 MW of system regulation. These instantaneous release adjustments stabilize the electrical generation and transmission system and translate to a range of about 1,200 cfs above or below the hourly scheduled release rate. Under system normal conditions, fluctuations for regulation are typically short lived and generally balance out over the hour with minimal or no noticeable impacts on downstream river flow conditions.

Releases from Glen Canyon Dam can also fluctuate beyond scheduled fluctuations for power generation when called upon as a partner that shares reserve requirements within the electrical generator community (i.e. balancing area). Reserves provide system reliability in the event of an unscheduled outage. Glen Canyon Dam typically maintains 41 MW of reserves (approximately 1,200 cfs). Reserve calls can be maintained for a maximum of 2 hours after which time the generation rate should be returned to the original schedule. If reserves from Glen Canyon Dam are called upon, releases from the dam can exceed scheduled levels and can have a noticeable impact on the river downstream from Glen Canyon Dam. Calls for reserves are fairly infrequent and typically are for much less than 41 MW.

Inflow Forecasts and Model Projections

The hydrologic forecast for water year 2014 for Lake Powell, issued by the Colorado Basin River Forecast Center, projects that the most probable (median) unregulated inflow volume will be 9.75 maf (90% of average based on the period 1981-2010). The water year 2014 forecast increased slightly (100 kaf) since last month. At this early point in the season, there is significant uncertainty regarding next year's water supply. The forecast ranges from a minimum probable of 6.5 maf (60% of average) to a maximum probable of 16.5 maf (162% of average). There is a 10 percent chance that inflows could be higher than the maximum probable and a 10 percent chance they could be lower than the minimum probable.

Based on the current forecast, the November 24-Month study projects Lake Powell elevation will peak near approximately 3,605 ft next summer and end the water year near 3,599 feet with approximately 11.68 maf in storage (48% capacity). Note that projections of elevation and storage have significant uncertainty at this point in the season, primarily due to uncertainty regarding next season's snowpack and resulting inflow to Lake Powell. Under the minimum probable inflow scenario, last run in October, the projected summer peak is 3,586 ft and end of water year storage is 9.3 maf (38% capacity). Under the maximum probable inflow scenario, last run in October, the projected summer peak is 3,661 ft and end of water year storage is 18.4 maf (76% capacity). There is a 10 percent chance that inflows will be higher, resulting in higher elevation and storage, and 10 percent chance that inflows will be lower, resulting in lower elevation and storage. The annual release volume from Lake Powell during water year 2014 is projected to be 7.48 maf under all inflow scenarios.

Consistent with Section 6.C.1 of the Interim Guidelines, the Lake Powell operational tier for water year 2014 is the Mid-Elevation Release Tier with an annual release volume of 7.48 maf. This was determined in the August 2013 24-Month study tier determination run which projected that, with an 8.23 maf annual release pattern in water year 2014, the January 1, 2014, Lake Powell elevation would be below 3,575.0 feet and the Lake Mead elevation would be above 1,025.0 feet. This determination will be documented in the 2014 AOP, which is currently in the final stages of development.

Upper Colorado River Basin Hydrology

The Upper Colorado River Basin regularly experiences significant year to year hydrologic variability. During the 14-year period 2000 to 2013, however, the unregulated inflow to Lake Powell, which is a good measure of hydrologic conditions in the Colorado River Basin, was above average in only 3 out of the past 14 years. The period 2000-2014 is the lowest 14-year period since the closure of Glen Canyon Dam in 1963, with an average unregulated inflow of 8.25 maf, or 76% of the 30-year average (1981-2010). (For comparison, the 1981-2010 average is 10.83maf.) The unregulated inflow during the 2000-2013 period has ranged from a low of 2.64 maf (24% of average) in water year 2002 to a high of 15.97 maf (147% of average) in water year 2011. Under the current forecast, water year 2014 inflows to Lake Powell are expected to range between a minimum probable of 6.5 maf (60% of average) and a maximum probable of

16.5 maf (162% of average) with a most probable projection of 9.75 maf (90% of average).

At the beginning of water year 2014, total system storage in the Colorado River Basin was 29.9 maf (50% of 59.6 maf total system capacity). This is about 4 maf less than the total storage at the beginning of water year 2013 which began at 34.0 maf (57% of capacity). Since the beginning of water year 2000, total Colorado Basin storage has experienced year to year increases and decreases in response to wet and dry hydrology, ranging from a high of 94% of capacity at the beginning of 2000 to a low of 50% of capacity at the beginning of water year 2014. One wet year can significantly increase total system reservoir storage, just as persistent dry years can draw down the system storage. Based on current inflow forecasts, the current projected end of water year 2014 total Colorado Basin reservoir storage is approximately 29.6 maf (50% of capacity). The actual end of water year storage may vary significantly from this projection, primarily due to uncertainty regarding next season's snowpack and resulting runoff.

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-430
125 SOUTH STATE STREET, ROOM 6107
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-3709

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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:			Obs		oct	Forecast		
:	jul	aug	sep	oct	%Avg	nov	dec	jan
GLDA3:Lake Powell	143	273	857	549	107%:	430/	300/	300/
GBRW4:Fontenelle	67	32	47	53	109%:	40/	30/	27/
GRNU1:Flaming Gorge	66	22	67	68	115%:	50/	33/	34/
BMDC2:Blue Mesa	44	46	57	48	126%:	31/	25/	21/
MPSC2:Morrow Point	45	46	58	50	123%:	33/	26/	23/
CLSC2:Crystal	48	50	63	55	117%:	37/	29/	26/
TPIC2:Taylor Park	8.9	6.6	7.9	6.9	104%:	5.1/	4.4/	3.8/
VCRC2:Vallecito	7.9	12.9	45	18.0	115%:	9.5/	6.5/	5.5/
NVRN5:Navajo	1.88	43	151	57	122%:	34/	24/	21/
LEMC2:Lemon	1.70	2.8	9.7	3.0	94%:	1.6/	1/	0.9/
MPHC2:McPhee	6.4	11.6	27	11.3e	128%:	7.7/	4.3/	3.3/
RBSC2:Ridgway	8.4	11.6	14.9	10.1	131%:	6.2/	4.4/	3.8/

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

November 2013 24-Month Study

Most Probable Inflow*

Fontenelle Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Nov 2012	35	1	22	28	51	6489.08	221
H	Dec 2012	28	1	52	0	52	6485.19	196
I	Jan 2013	23	1	53	0	53	6479.94	166
S	Feb 2013	23	0	48	0	48	6475.03	141
T	Mar 2013	41	0	52	0	52	6472.41	129
O	Apr 2013	51	1	51	0	51	6472.25	128
R	May 2013	108	1	51	0	51	6483.26	185
I	Jun 2013	91	2	47	0	48	6489.79	226
C	Jul 2013	67	2	48	0	48	6492.28	243
A	Aug 2013	32	2	43	0	43	6490.28	229
L	Sep 2013	47	2	42	0	42	6490.87	233
	WY 2013	**575**	**14**	**534**	**57**	**591**		
*	Oct 2013	53	1	19	24	43	6492.11	241
	Nov 2013	40	1	56	0	56	6489.48	225
	Dec 2013	30	1	61	0	61	6484.64	194
	Jan 2014	27	1	61	0	61	6478.57	159
	Feb 2014	24	0	55	0	55	6472.00	128
	Mar 2014	42	0	61	0	61	6467.43	109
	Apr 2014	70	1	59	0	59	6469.98	119
	May 2014	144	1	98	7	105	6478.19	157
	Jun 2014	295	2	101	78	179	6496.31	272
	Jul 2014	195	3	102	19	121	6505.62	343
	Aug 2014	70	2	74	0	74	6504.86	337
	Sep 2014	43	2	36	36	71	6500.96	306
	WY 2014	**1033**	**15**	**783**	**163**	**946**		
	Oct 2014	47	1	72	0	72	6497.41	280
	Nov 2014	41	1	70	0	70	6493.32	251
	Dec 2014	32	1	72	0	72	6487.21	210
	Jan 2015	30	1	72	0	72	6480.18	168
	Feb 2015	28	0	65	0	65	6472.48	130
	Mar 2015	53	0	72	0	72	6467.84	110
	Apr 2015	85	1	71	0	71	6471.05	124
	May 2015	164	1	99	5	105	6482.61	182
	Jun 2015	299	2	103	76	179	6500.15	300
	Jul 2015	178	3	101	30	131	6505.81	344
	Aug 2015	77	2	80	0	80	6505.10	338
	Sep 2015	46	2	36	30	65	6502.36	317
	WY 2015	**1079**	**15**	**912**	**141**	**1053**		
	Oct 2015	49	1	68	0	68	6499.71	297

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

November 2013 24-Month Study

Most Probable Inflow*

Flaming Gorge Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	Nov 2012	39	55	3	49	0	49	122	6021.23	3023	75
H	Dec 2012	25	50	2	70	0	70	121	6020.63	3002	219
I	Jan 2013	24	53	2	74	0	74	120	6020.03	2981	579
S	Feb 2013	30	55	2	67	0	67	119	6019.65	2967	415
T	Mar 2013	64	76	3	53	0	53	120	6020.19	2986	109
O	Apr 2013	69	69	5	50	0	50	121	6020.57	3000	150
R	May 2013	135	77	7	67	0	67	121	6020.65	3003	438
I	Jun 2013	91	48	10	135	3	138	117	6017.91	2906	375
C	Jul 2013	66	47	12	68	0	68	116	6016.99	2875	100
A	Aug 2013	22	33	11	68	0	68	114	6015.71	2831	87
L	Sep 2013	67	62	10	66	0	66	113	6015.33	2818	95
	WY 2013	**657**	**673**	**73**	**818**	**3**	**821**				**2713**
*	Oct 2013	68	58	6	51	0	51	113	6015.35	2819	107
	Nov 2013	50	66	3	48	0	48	114	6015.79	2834	48
	Dec 2013	33	64	2	49	0	49	115	6016.16	2846	49
	Jan 2014	34	68	2	49	0	49	115	6016.64	2863	49
	Feb 2014	37	68	2	44	0	44	116	6017.24	2883	44
	Mar 2014	87	106	3	49	0	49	118	6018.74	2935	49
	Apr 2014	125	114	5	48	0	48	120	6020.42	2995	48
	May 2014	225	186	7	103	0	103	123	6022.45	3067	103
	Jun 2014	370	254	10	156	0	156	127	6024.76	3151	156
	Jul 2014	220	146	13	82	0	82	129	6026.09	3201	82
	Aug 2014	79	83	12	82	0	82	128	6025.79	3189	82
	Sep 2014	50	78	11	79	0	79	128	6025.48	3178	79
	WY 2014	**1378**	**1291**	**76**	**840**	**0**	**840**				**897**
	Oct 2014	55	81	7	82	0	82	127	6025.26	3170	82
	Nov 2014	50	78	3	79	0	79	127	6025.13	3165	79
	Dec 2014	35	75	2	82	0	82	127	6024.90	3156	82
	Jan 2015	40	82	2	82	0	82	127	6024.85	3155	82
	Feb 2015	45	82	2	74	0	74	127	6025.00	3160	74
	Mar 2015	102	122	3	82	0	82	129	6025.95	3195	82
	Apr 2015	134	119	5	79	0	79	130	6026.85	3229	79
	May 2015	245	186	8	127	0	127	132	6028.15	3278	127
	Jun 2015	390	269	11	158	0	158	136	6030.67	3375	158
	Jul 2015	210	163	14	98	0	98	138	6031.93	3424	98
	Aug 2015	89	92	13	98	0	98	137	6031.46	3406	98
	Sep 2015	55	75	11	95	0	95	136	6030.67	3375	95
	WY 2015	**1449**	**1423**	**80**	**1138**	**0**	**1138**				**1138**
	Oct 2015	59	78	7	98	0	98	135	6029.98	3348	98

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

November 2013 24-Month Study

Most Probable Inflow*

Taylor Park Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Nov 2012	3	3	9301.07	57
H	Dec 2012	3	3	9301.09	57
I	Jan 2013	3	3	9301.07	57
S	Feb 2013	3	3	9301.01	57
T	Mar 2013	3	3	9301.27	57
O	Apr 2013	6	4	9302.94	59
R	May 2013	21	7	9312.29	74
I	Jun 2013	26	12	9320.43	88
C	Jul 2013	9	15	9316.95	81
A	Aug 2013	7	14	9312.37	74
L	Sep 2013	8	12	9309.95	70
	WY 2013	**96**	**83**		
*	Oct 2013	7	6	9310.82	71
	Nov 2013	5	4	9311.50	72
	Dec 2013	4	4	9311.75	73
	Jan 2014	4	4	9311.62	73
	Feb 2014	3	4	9311.01	72
	Mar 2014	3	4	9310.63	71
	Apr 2014	7	8	9310.01	70
	May 2014	28	18	9316.03	80
	Jun 2014	41	21	9326.85	100
	Jul 2014	15	22	9323.21	93
	Aug 2014	9	18	9318.31	84
	Sep 2014	7	16	9313.08	75
	WY 2014	**134**	**129**		
	Oct 2014	6	12	9309.65	69
	Nov 2014	5	6	9309.03	68
	Dec 2014	5	6	9308.18	67
	Jan 2015	4	6	9307.11	65
	Feb 2015	4	6	9305.65	63
	Mar 2015	4	6	9304.59	62
	Apr 2015	9	6	9306.45	64
	May 2015	28	14	9315.32	79
	Jun 2015	42	20	9327.09	100
	Jul 2015	20	20	9327.17	101
	Aug 2015	10	20	9322.11	91
	Sep 2015	7	16	9317.35	82
	WY 2015	**145**	**138**		
	Oct 2015	7	12	9314.25	77

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Managing Water in the West

November 2013 24-Month Study

Most Probable Inflow*

Blue Mesa Reservoir

	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Nov 2012	19	19	0	19	0	19	7452.39	326
H	Dec 2012	18	18	0	16	0	16	7452.65	328
I	Jan 2013	16	16	0	15	0	15	7452.77	328
S	Feb 2013	16	16	0	15	0	15	7452.95	329
T	Mar 2013	23	23	0		0	16	7454.12	336
O	Apr 2013	43	41	1	38	0	38	7454.46	338
R	May 2013	133	119	1	58	0	58	7464.34	399
I	Jun 2013	126	111	1	69	0	69	7470.58	440
C	Jul 2013	44	51	1	98	0	98	7463.20	391
A	Aug 2013	46	54	1	89	0	89	7457.29	355
L	Sep 2013	57	61	1	66	0	66	7456.24	348
	WY 2013	**561**	**547**	**6**	**517**	**0**	**532**		
*	Oct 2013	48	47	0	46	0	46	7456.34	349
	Nov 2013	31	30	0	17	0	17	7458.54	362
	Dec 2013	25	25	0	15	0	15	7460.17	372
	Jan 2014	21	21	0	14	0	14	7461.30	379
	Feb 2014	18	19	0	13	0	13	7462.23	385
	Mar 2014	30	31	0	18	0	18	7464.24	398
	Apr 2014	70	71	1	29	0	29	7470.51	439
	May 2014	235	225	1	107	0	107	7486.75	556
	Jun 2014	250	230	1	34	0	34	7510.59	751
	Jul 2014	90	97	2	92	0	92	7510.98	754
	Aug 2014	52	61	1	126	0	126	7503.25	688
	Sep 2014	37	46	1	114	0	114	7494.88	620
	WY 2014	**907**	**902**	**8**	**623**	**0**	**623**		
	Oct 2014	38	43	1	60	0	60	7492.75	603
	Nov 2014	31	32	0	30	0	30	7493.01	605
	Dec 2014	26	27	0	50	0	50	7490.00	581
	Jan 2015	24	26	0	55	0	55	7486.20	552
	Feb 2015	22	25	0	55	0	55	7482.11	521
	Mar 2015	36	38	0	32	0	32	7482.81	527
	Apr 2015	77	74	1	60	0	60	7484.63	540
	May 2015	221	207	1	109	0	109	7497.02	637
	Jun 2015	261	239	1	76	0	76	7516.00	799
	Jul 2015	117	117	2	112	0	112	7516.40	802
	Aug 2015	63	73	1	121	0	121	7510.87	753
	Sep 2015	38	47	1	112	0	112	7503.10	687
	WY 2015	**954**	**947**	**9**	**871**	**0**	**871**		
	Oct 2015	38	44	1	60	0	60	7501.13	671

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Managing Water in the West

November 2013 24-Month Study

Most Probable Inflow*

Morrow Point Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Nov 2012	20	19	1	20	16	0	16	7148.49	108
H	Dec 2012	18	16	1	17	18	0	18	7146.50	106
I	Jan 2013	17	15	1	16	17	0	17	7144.75	105
S	Feb 2013	17	15	1	15	16	0	16	7144.30	105
T	Mar 2013	24	16	1	17	17	0	17	7144.36	105
O	Apr 2013	49	38	6	44	42	0	42	7146.71	107
R	May 2013	148	58	15	72	67	0	67	7154.02	112
I	Jun 2013	132	69	6	75	75	0	75	7154.39	113
C	Jul 2013	45	98	0	98	99	0	99	7153.53	112
A	Aug 2013	46	89	0	90	89	0	89	7154.91	113
L	Sep 2013	58	66	2	68	69	0	69	7154.20	112
	WY 2013	**596**	**532**	**35**	**567**	**563**	**0**	**563**		
*	Oct 2013	50	46	2	48	47	1	50	7152.26	111
	Nov 2013	33	17	2	19	17	0	17	7153.73	112
	Dec 2013	26	15	1	16	16	0	16	7153.73	112
	Jan 2014	23	14	2	16	16	0	16	7153.73	112
	Feb 2014	19	13	1	14	14	0	14	7153.73	112
	Mar 2014	31	18	1	19	19	0	19	7153.73	112
	Apr 2014	80	29	10	39	39	0	39	7153.73	112
	May 2014	250	107	15	122	122	0	122	7153.73	112
	Jun 2014	268	34	18	52	52	0	52	7153.73	112
	Jul 2014	94	92	4	96	96	0	96	7153.73	112
	Aug 2014	54	126	2	128	128	0	128	7153.73	112
	Sep 2014	39	114	2	116	116	0	116	7153.73	112
	WY 2014	**967**	**623**	**60**	**683**	**681**	**1**	**684**		
	Oct 2014	40	60	2	62	62	0	62	7153.73	112
	Nov 2014	33	30	2	32	32	0	32	7153.73	112
	Dec 2014	28	50	2	53	53	0	53	7153.73	112
	Jan 2015	27	55	2	57	57	0	57	7153.73	112
	Feb 2015	25	55	3	58	58	0	58	7153.73	112
	Mar 2015	40	32	4	36	36	0	36	7153.73	112
	Apr 2015	88	60	11	71	71	0	71	7153.73	112
	May 2015	247	109	26	135	135	0	135	7153.73	112
	Jun 2015	281	76	20	96	96	0	96	7153.73	112
	Jul 2015	123	112	6	118	118	0	118	7153.73	112
	Aug 2015	67	121	3	124	124	0	124	7153.73	112
	Sep 2015	41	112	3	115	115	0	115	7153.73	112
	WY 2015	**1039**	**871**	**84**	**956**	**956**	**0**	**956**		
	Oct 2015	41	60	3	62	62	0	62	7153.73	112

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

November 2013 24-Month Study

Most Probable Inflow*

Crystal Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
*	Nov 2012	23	16	4	19	21	0	21	6746.77	15	1	19
H	Dec 2012	22	18	4	22	22	0	22	6749.11	16	1	20
I	Jan 2013	20	17	4	21	19	2	21	6747.09	15	0	20
S	Feb 2013	20	16	3	19	10	9	19	6745.57	15	0	19
T	Mar 2013	29	17	5	21	22	0	22	6744.50	15	0	22
O	Apr 2013	55	42	7	49	51	0	51	6738.38	13	33	20
R	May 2013	161	67	13	80	80	0	80	6736.96	13	66	18
I	Jun 2013	144	75	11	86	84	0	84	6744.76	15	65	25
C	Jul 2013	49	99	4	103	101	1	102	6748.24	16	67	41
A	Aug 2013	50	89	3	92	92	1	93	6745.72	15	62	35
L	Sep 2013	63	69	5	74	73	0	73	6746.17	15	48	27
	WY 2013	**660**	**563**	**65**	**628**	**613**	**14**	**627**			**363**	**286**
*	Oct 2013	55	50	5	54	56	0	56	6741.56	14	36	22
	Nov 2013	37	17	4	21	18	0	18	6753.04	17	0	18
	Dec 2013	29	16	3	19	19	0	19	6753.04	17	0	19
	Jan 2014	26	16	3	19	19	0	19	6753.04	17	0	19
	Feb 2014	22	14	3	17	17	0	17	6753.04	17	0	17
	Mar 2014	36	19	5	24	24	0	24	6753.04	17	5	18
	Apr 2014	91	39	11	50	50	0	50	6753.04	17	30	20
	May 2014	295	122	45	167	134	33	167	6753.04	17	55	112
	Jun 2014	300	52	32	84	84	0	84	6753.04	17	60	24
	Jul 2014	104	96	10	106	106	0	106	6753.04	17	65	41
	Aug 2014	60	128	6	134	134	0	134	6753.04	17	65	69
	Sep 2014	45	116	6	122	122	0	122	6753.04	17	55	66
	WY 2014	**1100**	**684**	**133**	**816**	**781**	**33**	**814**			**371**	**446**
	Oct 2014	46	62	6	68	68	0	68	6753.04	17	30	38
	Nov 2014	38	32	5	36	36	0	36	6753.04	17	0	36
	Dec 2014	32	53	5	57	57	0	57	6753.04	17	0	57
	Jan 2015	31	57	5	62	62	0	62	6753.04	17	0	62
	Feb 2015	29	58	4	61	61	0	61	6753.04	17	0	61
	Mar 2015	46	36	6	42	42	0	42	6753.04	17	5	37
	Apr 2015	101	71	12	84	84	0	84	6753.04	17	30	54
	May 2015	281	135	34	169	134	35	169	6753.04	17	55	114
	Jun 2015	315	96	34	130	130	0	130	6753.04	17	60	70
	Jul 2015	138	118	14	132	132	0	132	6753.04	17	65	67
	Aug 2015	75	124	8	133	133	0	133	6753.04	17	65	68
	Sep 2015	47	115	6	121	121	0	121	6753.04	17	55	66
	WY 2015	**1178**	**956**	**140**	**1095**	**1060**	**35**	**1095**			**365**	**730**
	Oct 2015	47	62	6	68	68	0	68	6753.04	17	30	38

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

November 2013 24-Month Study

Most Probable Inflow*

Vallecito Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Nov 2012	3	1	7625.69	37
H	Dec 2012	3	0	7627.33	40
I	Jan 2013	3	0	7629.10	43
S	Feb 2013	3	0	7630.60	46
T	Mar 2013	4	0	7632.64	50
O	Apr 2013	15	1	7639.26	63
R	May 2013	49	31	7647.20	80
I	Jun 2013	19	35	7639.75	64
C	Jul 2013	8	32	7626.95	40
A	Aug 2013	13	26	7617.79	26
L	Sep 2013	45	7	7639.82	64
	WY 2013	**169**	**138**		
*	Oct 2013	18	2	7646.84	80
	Nov 2013	10	1	7650.18	87
	Dec 2013	7	2	7652.21	92
	Jan 2014	6	1	7653.81	96
	Feb 2014	5	1	7655.26	100
	Mar 2014	9	3	7657.51	106
	Apr 2014	27	7	7664.96	125
	May 2014	70	69	7664.96	125
	Jun 2014	68	68	7664.89	125
	Jul 2014	27	42	7659.19	110
	Aug 2014	18	38	7651.13	90
	Sep 2014	15	30	7644.76	75
	WY 2014	**278**	**264**		
	Oct 2014	14	17	7643.32	71
	Nov 2014	8	0	7646.82	79
	Dec 2014	6	0	7649.35	85
	Jan 2015	5	0	7651.43	90
	Feb 2015	5	0	7653.21	95
	Mar 2015	9	1	7656.11	102
	Apr 2015	23	3	7663.76	122
	May 2015	71	68	7664.97	125
	Jun 2015	70	70	7664.92	125
	Jul 2015	29	42	7659.99	112
	Aug 2015	20	38	7652.72	94
	Sep 2015	17	30	7647.51	81
	WY 2015	**279**	**269**		
	Oct 2015	16	17	7646.76	79

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

November 2013 24-Month Study

Most Probable Inflow*

Navajo Reservoir

	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azetea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Farmington Flow (1000 Ac-Ft)
*	Nov 2012	9	0	7	1	0	23	6026.11	970	32
H	Dec 2012	12	0	9	0	0	22	6024.73	957	30
I	Jan 2013	14	0	11	0	0	20	6023.77	947	
S	Feb 2013	13	0	10	1	0	19	6022.74	938	36
T	Mar 2013	31	1	26	1	6	22	6022.39	934	33
O	Apr 2013	71	7	53	2	21	36	6021.77	928	40
R	May 2013	154	17	118	3	36	17	6028.15	990	93
I	Jun 2013	40	8	46	3	42	33	6024.88	958	50
C	Jul 2013	2	1	25	3	40	51	6017.54	889	53
A	Aug 2013	43	3	53	3	34	41	6014.89	865	55
L	Sep 2013	151	5	110	2	15	25	6022.28	933	90
	WY 2013	**543**	**42**	**472**	**20**	**205**	**348**			**554**
*	Oct 2013	57	3	38	1	4	15	6024.13	951	45
	Nov 2013	34	0	26	1	0	17	6024.95	959	17
	Dec 2013	24	0	19	0	0	22	6024.56	955	22
	Jan 2014	21	0	17	0	0	31	6023.07	941	31
	Feb 2014	26	0	22	1	0	28	6022.43	935	28
	Mar 2014	88	0	82	1	2	31	6027.39	983	31
	Apr 2014	160	9	131	2	18	30	6035.40	1064	30
	May 2014	270	16	253	3	33	66	6049.16	1216	66
	Jun 2014	190	6	184	4	48	75	6053.96	1273	75
	Jul 2014	41	0	55	4	53	36	6050.72	1234	36
	Aug 2014	35	0	55	3	46	51	6046.84	1189	51
	Sep 2014	33	0	48	2	26	39	6045.08	1169	39
	WY 2014	**979**	**34**	**930**	**24**	**230**	**441**			**470**
	Oct 2014	40	0	43	2	7	31	6045.39	1172	31
	Nov 2014	31	0	23	1	0	30	6044.70	1165	30
	Dec 2014	25	0	19	1	0	31	6043.60	1152	31
	Jan 2015	22	0	17	1	0	31	6042.30	1138	31
	Feb 2015	30	0	26	1	0	28	6042.05	1135	28
	Mar 2015	92	2	82	1	2	31	6046.36	1183	31
	Apr 2015	170	14	136	2	18	30	6053.68	1269	30
	May 2015	277	37	237	4	33	39	6066.32	1430	39
	Jun 2015	224	32	191	4	49	101	6068.97	1466	101
	Jul 2015	66	6	72	5	54	38	6067.13	1441	38
	Aug 2015	45	2	61	4	46	53	6064.01	1400	53
	Sep 2015	43	0	55	3	26	42	6062.82	1384	42
	WY 2015	**1065**	**94**	**961**	**27**	**235**	**484**			**484**
	Oct 2015	47	1	47	2	7	31	6063.40	1392	31

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

November 2013 24-Month Study

Most Probable Inflow*

Lake Powell

	Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry Gage (1000 Ac-Ft)
*	Nov 2012	246	273	35	652	78	730	3615.10	5114	13251	736
H	Dec 2012	201	247	27	801	0	801	3609.82	5071	12713	800
I	Jan 2013	168	230	8	801	0	801	3604.42	5028	12177	801
S	Feb 2013	262	300	9	600	0	600	3601.47	5005	11891	595
T	Mar 2013	362	357	14	601	0	601	3598.96	4986	11651	594
O	Apr 2013	355	326	22	551	0	551	3596.53	4967	11422	547
R	May 2013	1122	925	26	602	0	602	3599.44	4989	11697	591
I	Jun 2013	939	907	42	800	0	800	3600.07	4994	11757	800
C	Jul 2013	143	298	49	848	0	848	3594.17	4950	11202	862
A	Aug 2013	273	401	47	801	0	801	3589.64	4917	10788	815
L	Sep 2013	857	802	44	600	0	600	3591.25	4928	10934	607
	WY 2013	**5117**	**5358**	**361**	**8154**	**78**	**8232**				**8244**
*	Oct 2013	549	475	30	481	0	481	3590.88	4926	10900	483
	Nov 2013	430	392	29	667	0	667	3587.76	4903	10619	676
	Dec 2013	300	304	23	600	0	600	3584.43	4880	10324	612
	Jan 2014	300	318	7	800	0	800	3579.20	4843	9871	813
	Feb 2014	330	334	7	600	0	600	3576.21	4823	9618	610
	Mar 2014	590	485	12	516	0	516	3575.73	4820	9578	527
	Apr 2014	1000	778	19	500	0	500	3578.58	4839	9818	512
	May 2014	2200	1795	24	516	0	516	3591.75	4932	10980	527
	Jun 2014	2500	2008	41	600	0	600	3605.12	5033	12245	611
	Jul 2014	800	713	52	800	0	800	3603.81	5023	12117	819
	Aug 2014	400	539	51	800	0	800	3600.82	5000	11828	821
	Sep 2014	350	488	46	600	0	600	3599.28	4988	11681	614
	WY 2014	**9749**	**8629**	**342**	**7480**	**0**	**7480**				**7626**
	Oct 2014	464	510	32	600	0	600	3598.09	4979	11569	611
	Nov 2014	450	478	31	600	0	600	3596.59	4968	11427	609
	Dec 2014	363	440	24	800	0	800	3592.76	4939	11072	812
	Jan 2015	361	442	7	800	0	800	3589.04	4912	10734	813
	Feb 2015	393	453	8	650	0	650	3586.92	4897	10544	660
	Mar 2015	665	584	13	650	0	650	3586.10	4891	10471	661
	Apr 2015	1056	876	21	600	0	600	3588.74	4910	10707	612
	May 2015	2343	1945	26	650	0	650	3601.38	5004	11882	661
	Jun 2015	2666	2208	44	800	0	800	3614.08	5105	13145	811
	Jul 2015	1091	1007	55	1000	0	1000	3613.64	5102	13100	1019
	Aug 2015	500	623	54	1050	0	1050	3609.24	5066	12654	1071
	Sep 2015	408	547	49	800	0	800	3606.44	5044	12375	814
	WY 2015	**10760**	**10113**	**364**	**9000**	**0**	**9000**				**9154**
	Oct 2015	512	565	34	600	0	600	3605.79	5039	12311	600

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RECLAMATION
Managing Water in the West

November 2013 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Glen Release (1000 Ac-Ft)	Side Inflow Glen to Hoover (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Nov 2012	730	60	49	650	10.9	14	649	867	1117.24	13334
H	Dec 2012	801	50	43	476	7.7	11	432	886	1120.36	13636
I	Jan 2013	801	56	35	609	9.9	9	591	899	1122.32	13828
S	Feb 2013	600	68	32	646	11.6	8	644	898	1122.14	13810
T	Mar 2013	601	69	36	987	16.1	15	986	875	1118.59	13465
O	Apr 2013	551	37	44	1103	18.5	20	1102	840	1112.91	12921
R	May 2013	602	28	50	1007	16.4	27	1008	812	1108.36	12495
I	Jun 2013	800	1	59	948	15.9	28	947	798	1105.98	12276
C	Jul 2013	848	113	73	865	14.1	28	858	798	1105.92	12270
A	Aug 2013	801	132	78	808	13.1	27	790	799	1106.13	12289
L	Sep 2013	600	155	64	599	10.1	15	586	804	1106.92	12362
	WY 2013	**8232**	**823**	**612**	**9043**		**223**	**8923**			
*	Oct 2013	481	37	47	733	11.9	18	718	786	1104.04	12099
	Nov 2013	667	44	46	527	8.9	24	527	793	1105.22	12206
	Dec 2013	600	99	40	549	8.9	19	549	799	1106.15	12291
	Jan 2014	800	81	33	635	10.3	8	635	811	1108.24	12483
	Feb 2014	600	94	30	729	13.1	9	729	807	1107.48	12413
	Mar 2014	516	77	34	1059	17.2	15	1059	775	1102.18	11930
	Apr 2014	500	80	41	1127	18.9	20	1127	738	1095.75	11359
	May 2014	516	64	46	1016	16.5	33	1016	707	1090.21	10875
	Jun 2014	600	33	55	933	15.7	31	933	683	1085.98	10512
	Jul 2014	800	55	68	904	14.7	34	904	674	1084.31	10371
	Aug 2014	800	109	72	824	13.4	30	824	673	1084.13	10356
	Sep 2014	600	81	59	653	11.0	20	653	670	1083.56	10308
	WY 2014	**7480**	**853**	**570**	**9689**		**261**	**9673**			
	Oct 2014	600	54	43	473	7.7	23	473	677	1084.85	10417
	Nov 2014	600	44	43	573	9.6	14	573	678	1085.00	10430
	Dec 2014	800	99	37	507	8.2	7	507	699	1088.83	10756
	Jan 2015	800	81	31	727	11.8	16	727	706	1090.00	10857
	Feb 2015	650	94	28	696	12.5	18	696	706	1090.01	10858
	Mar 2015	650	77	32	1045	17.0	22	1045	683	1085.94	10509
	Apr 2015	600	80	39	1132	19.0	14	1132	652	1080.30	10036
	May 2015	650	64	44	1019	16.6	24	1019	630	1076.03	9685
	Jun 2015	800	33	52	955	16.0	23	955	618	1073.75	9500
	Jul 2015	1000	55	65	878	14.3	29	878	623	1074.72	9578
	Aug 2015	1050	109	69	843	13.7	24	843	636	1077.29	9788
	Sep 2015	800	81	58	647	10.9	19	647	646	1079.09	9936
	WY 2015	**9000**	**870**	**540**	**9495**		**233**	**9495**			
	Oct 2015	600	43	42	477	7.8	17	477	652	1080.29	10035

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RECLAMATION
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November 2013 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Nov 2012	650	-11	10	499	0	499	8.4	635.82	1507
H	Dec 2012	476	-6	9	395	0	395	6.4	638.30	1572
I	Jan 2013	609	-11	10	510	0	510	8.3	641.20	1650
S	Feb 2013	646	-12	10	609	0	609	11.0	641.78	1665
T	Mar 2013	987	-11	13	956	0	956	15.5	642.06	1673
O	Apr 2013	1103	-20	17	1017	0	1017	17.1	643.87	1723
R	May 2013	1007	-15	22	959	0	959	15.6	644.24	1733
I	Jun 2013	948	-16	26	928	0	928	15.6	643.45	1711
C	Jul 2013	865	-24	26	810	0	810	13.2	643.66	1717
A	Aug 2013	808	-16	23	749	0	749	12.2	644.35	1736
L	Sep 2013	599	-11	18	681	0	681	11.4	640.23	1624
	WY 2013	**9043**	**-158**	**198**	**8669**	**0**	**8669**			
*	Oct 2013	733	-13	15	768	0	768	12.5	637.86	1560
	Nov 2013	527	-16	10	575	0	575	9.7	635.00	1486
	Dec 2013	549	-17	9	425	0	425	6.9	638.70	1583
	Jan 2014	635	-16	10	527	0	527	8.6	641.80	1666
	Feb 2014	729	-8	10	710	0	710	12.8	641.80	1666
	Mar 2014	1059	-16	13	996	0	996	16.2	643.05	1700
	Apr 2014	1127	-15	17	1097	0	1097	18.4	643.00	1699
	May 2014	1016	-14	22	979	0	979	15.9	643.00	1699
	Jun 2014	933	-12	25	923	0	923	15.5	642.00	1671
	Jul 2014	904	-5	25	887	0	887	14.4	641.50	1658
	Aug 2014	824	-8	23	793	0	793	12.9	641.50	1658
	Sep 2014	653	-1	18	727	0	727	12.2	638.00	1564
	WY 2014	**9689**	**-142**	**197**	**9409**	**0**	**9409**			
	Oct 2014	473	0	15	587	0	587	9.6	633.00	1434
	Nov 2014	573	-16	10	496	0	496	8.3	635.00	1486
	Dec 2014	507	-17	9	383	0	383	6.2	638.71	1583
	Jan 2015	727	-16	10	618	0	618	10.1	641.80	1666
	Feb 2015	696	-8	10	678	0	678	12.2	641.80	1666
	Mar 2015	1045	-16	13	982	0	982	16.0	643.05	1700
	Apr 2015	1132	-15	17	1102	0	1102	18.5	643.00	1699
	May 2015	1019	-14	22	983	0	983	16.0	643.00	1699
	Jun 2015	955	-12	25	944	0	944	15.9	642.00	1671
	Jul 2015	878	-5	25	861	0	861	14.0	641.50	1658
	Aug 2015	843	-8	23	812	0	812	13.2	641.50	1658
	Sep 2015	647	-1	18	722	0	722	12.1	638.00	1564
	WY 2015	**9495**	**-129**	**197**	**9168**	**0**	**9168**			
	Oct 2015	477	0	15	592	0	592	9.6	633.00	1434

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Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
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	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	Nov 2012	499	27	9	348	5.9	14	174	448.06	581	88	1.5
H	Dec 2012	395	21	7	289	4.7	15	132	446.41	550	132	2.2
I	Jan 2013	510	17	6	352	5.7	57	80	448.01	580	143	2.3
S	Feb 2013	609	4	8	444	8.0	7	147	448.13	583	158	2.8
T	Mar 2013	956	7	9	680	11.1	98	180	447.58	572	191	3.1
O	Apr 2013	1017	13	11	765	12.9	84	148	448.35	587	185	3.1
R	May 2013	959	20	13	677	11.0	97	174	448.76	595	98	1.5
I	Jun 2013	928	15	16	688	11.6	104	129	448.45	589	98	1.7
C	Jul 2013	810	27	17	626	10.2	100	80	448.51	590	110	1.8
A	Aug 2013	749	37	17	552	9.0	99	95	449.22	604	109	1.8
L	Sep 2013	681	25	15	486	8.2	91	149	446.96	560	97	1.7
	WY 2013	**8669**	**247**	**141**	**6389**		**780**	**1521**			**1477**	
*	Oct 2013	768	18	12	467	7.6	97	186	447.91	578	71	1.1
	Nov 2013	575	32	9	384	6.4	75	142	447.50	571	86	1.4
	Dec 2013	425	26	6	263	4.3	99	124	445.00	525	98	1.6
	Jan 2014	527	16	6	341	5.5	98	93	445.00	525	125	2.0
	Feb 2014	710	10	7	438	7.9	88	153	446.50	552	156	2.8
	Mar 2014	996	17	9	718	11.7	98	175	446.70	555	201	3.3
	Apr 2014	1097	21	11	798	13.4	95	168	448.70	593	212	3.6
	May 2014	979	20	13	703	11.4	98	174	448.70	593	111	1.8
	Jun 2014	923	15	16	691	11.6	95	123	448.70	593	109	1.8
	Jul 2014	887	25	17	709	11.5	98	88	448.00	580	111	1.8
	Aug 2014	793	24	17	613	10.0	98	87	447.50	571	105	1.7
	Sep 2014	727	23	15	550	9.2	70	120	446.81	557	102	1.7
	WY 2014	**9409**	**248**	**139**	**6675**		**1109**	**1631**			**1487**	
	Oct 2014	587	26	12	454	7.4	24	126	446.31	548	65	1.1
	Nov 2014	496	32	8	365	6.1	24	122	446.50	552	99	1.7
	Dec 2014	383	26	6	265	4.3	24	109	446.50	552	105	1.7
	Jan 2015	618	16	6	349	5.7	98	176	446.50	552	125	2.0
	Feb 2015	678	10	8	459	8.3	88	127	446.50	552	156	2.8
	Mar 2015	982	17	9	704	11.5	98	175	446.70	555	201	3.3
	Apr 2015	1102	21	11	801	13.5	95	169	448.70	593	212	3.6
	May 2015	983	20	13	707	11.5	98	173	448.70	593	111	1.8
	Jun 2015	944	15	16	698	11.7	95	137	448.70	593	109	1.8
	Jul 2015	861	25	17	733	11.9	98	38	448.00	580	111	1.8
	Aug 2015	812	24	17	648	10.5	98	70	447.50	571	105	1.7
	Sep 2015	722	23	15	563	9.5	70	101	446.81	557	102	1.7
	WY 2015	**9168**	**256**	**139**	**6745**		**910**	**1524**			**1500**	
	Oct 2015	592	26	12	460	7.5	24	124	446.31	548	65	1.1

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2159

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

November 2013 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Nov 2012	650	10.9	1117.24	13334	71	473.22	1051.0	276.3	58	424.7
H	Dec 2012	476	7.7	1120.36	13636	302	475.06	1520.0	198.5	84	417.3
I	Jan 2013	609	9.9	1122.32	13828	192	474.10	1062.0	259.8	59	426.6
S	Feb 2013	646	11.6	1122.14	13810	-18	475.07	1072.0	276.4	59	427.6
T	Mar 2013	987	16.1	1118.59	13465	-346	472.93	1073.0	425.6	59	431.1
O	Apr 2013	1103	18.5	1112.91	12921	-544	463.52	1042.0	467.6	57	423.9
R	May 2013	1007	16.4	1108.36	12495	-426	463.02	1353.0	419.9	75	417.1
I	Jun 2013	948	15.9	1105.98	12276	-219	460.72	1726.0	388.1	97	409.5
C	Jul 2013	865	14.1	1105.92	12270	-5	460.74	1753.0	348.3	100	402.7
A	Aug 2013	808	13.1	1106.13	12289	19	461.35	1737.0	325.9	100	403.4
L	Sep 2013	599	10.1	1106.92	12362	73	464.61	1737.0	242.5	100	405.1
	WY 2013	**9043**							**3770.1**		
*	Oct 2013	733	11.9	1104.04	12099	-263	460.18	1332.0	300.5	77	410.1
	Nov 2013	527	8.9	1105.22	12206	107	458.75	1179.0	211.7	68	401.8
	Dec 2013	549	8.9	1106.15	12291	85	459.48	1183.0	221.1	68	402.7
	Jan 2014	635	10.3	1108.24	12483	192	461.53	748.0	269.4	43	424.0
	Feb 2014	729	13.1	1107.48	12413	-70	456.97	1412.0	301.6	81	414.0
	Mar 2014	1059	17.2	1102.18	11930	-483	453.26	1437.0	434.7	84	410.5
	Apr 2014	1127	18.9	1095.75	11359	-571	447.46	1343.0	465.0	80	412.5
	May 2014	1016	16.5	1090.21	10875	-484	441.45	1335.0	405.1	81	398.9
	Jun 2014	933	15.7	1085.98	10512	-362	435.59	1517.0	368.0	93	394.4
	Jul 2014	904	14.7	1084.31	10371	-141	432.44	1619.0	349.8	100	387.1
	Aug 2014	824	13.4	1084.13	10356	-15	431.68	1618.0	322.0	100	390.8
	Sep 2014	653	11.0	1083.56	10308	-48	432.45	1616.0	249.6	100	382.0
	WY 2014	**9689**							**3898.6**		
	Oct 2014	473	7.7	1084.85	10417	108	436.91	1324.0	183.6	82	388.6
	Nov 2014	573	9.6	1085.00	10430	13	440.70	1105.0	225.5	68	393.2
	Dec 2014	507	8.2	1088.83	10756	326	438.75	1434.0	199.1	87	392.7
	Jan 2015	727	11.8	1090.00	10857	101	441.67	1035.0	291.3	63	400.9
	Feb 2015	696	12.5	1090.01	10858	1	441.11	1056.0	280.7	64	403.1
	Mar 2015	1045	17.0	1085.94	10509	-348	436.74	1334.0	413.9	82	396.1
	Apr 2015	1132	19.0	1080.30	10036	-474	429.60	1257.4	442.6	80	391.1
	May 2015	1019	16.6	1076.03	9685	-351	424.70	1249.3	386.7	81	379.3
	Jun 2015	955	16.0	1073.75	9500	-185	421.79	1428.6	357.8	93	374.8
	Jul 2015	878	14.3	1074.72	9578	78	421.63	1536.7	337.5	100	384.4
	Aug 2015	843	13.7	1077.29	9788	210	423.54	1551.3	324.0	100	384.5
	Sep 2015	647	10.9	1079.09	9936	148	426.84	1561.4	244.1	100	376.9
	WY 2015	**9495**							**3686.8**		
	Oct 2015	477	7.8	1080.29	10035	99	430.45	1278.5	182.7	82	382.8

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

November 2013 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Nov 2012	499	8.4	635.82	1507	130	136.16	168.3	67.9	66	136.0
H	Dec 2012	395	6.4	638.30	1572	65	134.78	183.6	44.1	72	111.7
I	Jan 2013	510	8.3	641.20	1650	78	139.33	163.2	63.2	64	123.8
S	Feb 2013	609	11.0	641.78	1665	16	138.67	153.0	76.8	60	126.1
T	Mar 2013	956	15.5	642.06	1673	8	140.26	191.3	120.2	75	125.8
O	Apr 2013	1017	17.1	643.87	1723	49	142.09	252.5	128.5	99	126.3
R	May 2013	959	15.6	644.24	1733	10	143.40	244.8	121.8	96	127.0
I	Jun 2013	928	15.6	643.45	1711	-22	141.69	247.4	116.9	97	126.0
C	Jul 2013	810	13.2	643.66	1717	6	141.93	249.9	102.9	98	127.1
A	Aug 2013	749	12.2	644.35	1736	19	143.01	255.0	92.1	100	122.9
L	Sep 2013	681	11.4	640.23	1624	-112	138.83	255.0	89.1	100	130.8
	WY 2013	**8669**							**1092.0**		
*	Oct 2013	768	12.5	637.86	1560	-63	136.18	196.4	94.7	77	123.3
	Nov 2013	575	9.7	635.00	1486	-75	132.15	158.1	69.7	62	121.2
	Dec 2013	425	6.9	638.70	1583	97	132.06	173.4	52.2	68	122.7
	Jan 2014	527	8.6	641.80	1666	83	135.96	163.2	65.9	64	125.1
	Feb 2014	710	12.8	641.80	1666	0	137.17	173.4	88.7	68	124.9
	Mar 2014	996	16.2	643.05	1700	34	135.44	255.0	123.9	100	124.4
	Apr 2014	1097	18.4	643.00	1699	-2	136.07	255.0	136.4	100	124.3
	May 2014	979	15.9	643.00	1699	0	136.04	255.0	122.4	100	125.0
	Jun 2014	923	15.5	642.00	1671	-27	135.51	255.0	115.0	100	124.7
	Jul 2014	887	14.4	641.50	1658	-14	134.73	255.0	110.3	100	124.3
	Aug 2014	793	12.9	641.50	1658	0	134.46	255.0	98.8	100	124.6
	Sep 2014	727	12.2	638.00	1564	-94	132.62	255.0	89.7	100	123.3
	WY 2014	**9409**							**1167.7**		
	Oct 2014	587	9.6	633.00	1434	-130	129.88	196.4	70.7	77	120.4
	Nov 2014	496	8.3	635.00	1486	51	129.62	158.1	59.3	62	119.5
	Dec 2014	383	6.2	638.71	1583	97	132.06	173.4	47.1	68	122.9
	Jan 2015	618	10.1	641.80	1666	83	135.97	163.2	77.0	64	124.5
	Feb 2015	678	12.2	641.80	1666	0	137.17	173.4	84.8	68	125.1
	Mar 2015	982	16.0	643.05	1700	34	135.44	255.0	122.2	100	124.5
	Apr 2015	1102	18.5	643.00	1699	-2	136.07	255.0	136.9	100	124.3
	May 2015	983	16.0	643.00	1699	0	136.04	255.0	122.9	100	125.0
	Jun 2015	944	15.9	642.00	1671	-27	135.51	255.0	117.6	100	124.6
	Jul 2015	861	14.0	641.50	1658	-14	134.73	255.0	107.2	100	124.5
	Aug 2015	812	13.2	641.50	1658	0	134.46	255.0	101.1	100	124.5
	Sep 2015	722	12.1	638.00	1564	-94	132.62	255.0	89.0	100	123.3
	WY 2015	**9168**							**1135.7**		
	Oct 2015	592	9.6	633.00	1434	-130	129.88	196.4	71.3	77	120.4

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

November 2013 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Nov 2012	348	5.9	448.06	581	-24	82.22	92.4	24.1	77	69.2
H	Dec 2012	289	4.7	446.41	550	-31	80.98	103.2	19.5	86	67.5
I	Jan 2013	352	5.7	448.01	580	30	83.56	102.0	24.4	85	69.4
S	Feb 2013	444	8.0	448.13	583	2	80.52	115.2	31.2	96	70.1
T	Mar 2013	680	11.1	447.58	572	-10	81.73	120.0	46.8	100	68.9
O	Apr 2013	765	12.9	448.35	587	15	82.42	97.2	51.1	81	66.8
R	May 2013	677	11.0	448.76	595	8	80.83	104.4	46.4	87	68.6
I	Jun 2013	688	11.6	448.45	589	-6	82.20	117.6	47.4	98	68.9
C	Jul 2013	626	10.2	448.51	590	1	80.88	120.0	43.4	100	69.3
A	Aug 2013	552	9.0	449.22	604	14	82.71	120.0	37.0	100	67.0
L	Sep 2013	486	8.2	446.96	560	-43	80.66	120.0	34.5	100	71.0
	WY 2013	**6389**							**439.1**		
*	Oct 2013	467	7.6	447.91	578	18	83.28	96.0	31.7	80	67.9
	Nov 2013	384	6.4	447.50	571	-8	76.37	92.4	25.1	77	65.4
	Dec 2013	263	4.3	445.00	525	-46	74.95	92.4	16.5	77	62.7
	Jan 2014	341	5.5	445.00	525	0	73.61	94.8	21.5	79	63.0
	Feb 2014	438	7.9	446.50	552	27	74.46	92.4	28.4	77	64.7
	Mar 2014	718	11.7	446.70	555	4	74.93	99.6	47.3	83	65.9
	Apr 2014	798	13.4	448.70	593	38	75.08	120.0	52.7	100	66.0
	May 2014	703	11.4	448.70	593	0	76.05	120.0	46.7	100	66.5
	Jun 2014	691	11.6	448.70	593	0	76.05	120.0	45.9	100	66.5
	Jul 2014	709	11.5	448.00	580	-13	75.71	120.0	47.0	100	66.2
	Aug 2014	613	10.0	447.50	571	-9	75.13	120.0	40.2	100	65.5
	Sep 2014	550	9.2	446.81	557	-13	74.55	120.0	35.7	100	64.9
	WY 2014	**6675**							**438.6**		
	Oct 2014	454	7.4	446.31	548	-9	74.77	102.0	29.3	85	64.6
	Nov 2014	365	6.1	446.50	552	3	74.62	102.0	23.3	85	64.0
	Dec 2014	265	4.3	446.50	552	0	74.71	102.0	16.6	85	62.6
	Jan 2015	349	5.7	446.50	552	0	74.71	102.0	22.2	85	63.7
	Feb 2015	459	8.3	446.50	552	0	73.92	120.0	29.4	100	64.2
	Mar 2015	704	11.5	446.70	555	4	74.01	120.0	45.7	100	64.9
	Apr 2015	801	13.5	448.70	593	38	75.08	120.0	52.9	100	66.0
	May 2015	707	11.5	448.70	593	0	76.05	120.0	47.0	100	66.5
	Jun 2015	698	11.7	448.70	593	0	76.05	120.0	46.5	100	66.5
	Jul 2015	733	11.9	448.00	580	-13	75.71	120.0	48.6	100	66.3
	Aug 2015	648	10.5	447.50	571	-9	75.13	120.0	42.5	100	65.6
	Sep 2015	563	9.5	446.81	557	-13	74.55	120.0	36.6	100	65.0
	WY 2015	**6745**							**440.7**		
	Oct 2015	460	7.5	446.31	548	-9	74.77	102.0	29.8	85	64.7

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

November 2013 24-Month Study

Most Probable Inflow*

Upper Basin Power

	Date	Glen Canyon 1000 MWHR	Flaming Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Reservoir 1000 MWHR	Fontenelle Reservoir 1000 MWHR
H	Dec 2012	346	27	4	6	2	4
I	Jan 2013	349	28	4	6	2	4
S	Feb 2013	259	25	4	5	1	3
T	Mar 2013	258	20	4	5	2	3
	Winter 2013	**1433**	**121**	**23**	**35**	**12**	**15**
O	Apr 2013	235	19	10	14	8	3
R	May 2013	257	26	15	23	15	3
I	Jun 2013	344	52	18	26	16	3
C	Jul 2013	361	26	26	35	20	3
A	Aug 2013	338	26	23	31	18	3
L	Sep 2013	253	25	17	24	14	3
	Summer 2013	**1789**	**173**	**108**	**153**	**90**	**19**
*	Oct 2013	202	19	12	16	10	1
	Nov 2013	258	17	4	6	3	5
	Dec 2013	229	18	4	6	3	5
	Jan 2014	303	18	4	6	3	5
	Feb 2014	227	16	4	5	3	4
	Mar 2014	194	18	5	7	4	4
	Winter 2014	**1413**	**105**	**32**	**45**	**26**	**23**
	Apr 2014	188	17	8	14	9	4
	May 2014	197	37	31	44	23	7
	Jun 2014	236	57	10	19	15	8
	Jul 2014	319	30	29	35	18	10
	Aug 2014	318	30	39	46	23	7
	Sep 2014	238	29	34	42	21	3
	Summer 2014	**1496**	**200**	**150**	**199**	**109**	**39**
	Oct 2014	237	30	18	22	12	7
	Nov 2014	236	29	9	11	6	6
	Dec 2014	312	30	15	19	10	6
	Jan 2015	309	30	16	21	11	6
	Feb 2015	251	27	16	21	11	5
	Mar 2015	249	30	9	13	7	5
	Winter 2015	**1595**	**176**	**83**	**107**	**57**	**34**
	Apr 2015	230	29	17	26	14	5
	May 2015	253	47	32	49	23	7
	Jun 2015	320	58	23	35	22	9
	Jul 2015	405	36	35	42	23	10
	Aug 2015	423	36	38	45	23	8
	Sep 2015	322	35	34	41	21	3
	Summer 2015	**1632**	**206**	**146**	**196**	**106**	**38**
	Oct 2015	239	36	18	22	12	6

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

November 2013 24-Month Study

Most Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions

Date	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Total KAF	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****CREDITABLE SPACE****										
Nov 2013	1,033	480	745	13422	15680	15278	30959	1033	480	745	2259	13422	15278	30959	3810	527	0	29.5
Dec 2013	1,035	467	737	13703	15943	15171	31114	1035	467	737	2240	13703	15171	31114	4580	549	0	29.3
Jan 2014	1,054	457	741	13998	16251	15086	31337	1054	457	741	2252	13998	15086	31337	5350	635	0	29.1
								****EFFECTIVE SPACE****										
Jan 2014	1,054	457	741	13998	16251	15086	31337	567	408	448	1423	13998	15086	30507	5350	635	0	29.1
Feb 2014	1,072	450	755	14451	16729	14894	31622	582	401	462	1445	14451	14894	30789	1500	729	0	28.8
Mar 2014	1,083	444	761	14704	16992	14964	31956	589	396	468	1453	14704	14964	31120	1500	1059	0	28.4
Apr 2014	1,050	432	713	14744	16939	15447	32386	552	383	417	1351	14744	15447	31542	1500	1127	0	28.3
May 2014	980	390	632	14504	16507	16018	32525	474	342	316	1132	14504	16018	31654	1500	1016	0	29.4
Jun 2014	870	273	480	13342	14966	16502	31468	352	214	128	694	13342	16502	30539	1500	933	0	30.7
Jul 2014	671	79	423	12077	13249	16865	30114	138	-2	19	155	12077	16865	29096	1500	904	0	30.5
								****CREDITABLE SPACE****										
Aug 2014	551	75	462	12205	13293	17006	30298	551	75	462	1088	12205	17006	30298	1500	824	0	30.0
Sep 2014	568	141	507	12494	13710	17021	30731	568	141	507	1216	12494	17021	30731	2270	653	0	29.6
Oct 2014	610	210	527	12641	13987	17069	31056	610	210	527	1347	12641	17069	31056	3040	473	0	29.4
Nov 2014	645	227	524	12753	14148	16960	31108	645	227	524	1395	12753	16960	31108	3810	573	0	29.3
Dec 2014	678	225	531	12895	14329	16947	31276	678	225	531	1434	12895	16947	31276	4580	507	0	29.3
Jan 2015	728	248	544	13250	14770	16621	31391	728	248	544	1519	13250	16621	31391	5350	727	0	29.0
								****EFFECTIVE SPACE****										
Jan 2015	728	248	544	13250	14770	16621	31391	465	248	463	1175	13250	16621	31047	5350	727	0	29.0
Feb 2015	772	277	558	13588	15195	16520	31715	506	277	476	1260	13588	16520	31368	1500	696	0	28.8
Mar 2015	804	308	561	13778	15450	16519	31970	536	308	479	1322	13778	16519	31619	1500	1045	0	28.4
Apr 2015	789	303	513	13851	15455	16868	32322	516	303	427	1245	13851	16868	31964	1500	1132	0	28.4
May 2015	741	289	427	13615	15072	17341	32413	462	289	321	1071	13615	17341	32028	1500	1019	0	29.6
Jun 2015	634	193	266	12440	13533	17692	31225	344	190	123	657	12440	17692	30789	1500	955	0	31.1
Jul 2015	419	31	230	11177	11856	17877	29733	112	5	34	151	11177	17877	29205	1500	878	0	31.2
								****CREDITABLE SPACE****										
Aug 2015	326	27	255	11222	11830	17799	29628	326	27	255	608	11222	17799	29628	1500	843	0	30.8
Sep 2015	350	76	296	11668	12390	17589	29979	350	76	296	723	11668	17589	29979	2270	647	0	30.4
Oct 2015	402	142	312	11947	12804	17441	30245	402	142	312	857	11947	17441	30245	3040	477	0	30.2

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2159

Processed On: 11/14/2013 7:17:53AM

December 24-Month Study
Date: December 11, 2013

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

Reservoir	November Inflow (unregulated) (acre-feet)	Percent of Average (%)	December 10 Midnight Elevation (feet)	Reservoir Storage (acre-feet)
Fontenelle	41,000	97	6488.32	216,000
Flaming Gorge	42,000	82	6015.51	2,824,000
Blue Mesa	33,000	106	7459.95	371,000
Navajo	35,000	103	6025.29	962,000
Powell	460,000	97	3586.91	10,543,000

Expected Operations

The operation of Lake Powell and Lake Mead in this December 2013 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines), and reflects the 2013 Annual Operating Plan (AOP) and draft 2014 AOP. Pursuant to the Interim Guidelines, the August 2013 24-Month Study projections of the January 1, 2014, system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2014.

Consistent with Section 6.C.1 of the Interim Guidelines, the Lake Powell operational tier for water year 2014 is the Mid-Elevation Release Tier with an annual release volume of 7.48 maf. This was determined in the August 2013 24-Month study which projected that, with an 8.23 maf annual release pattern in water year 2014, the January 1, 2014, the Lake Powell elevation would be below 3,575.0 feet and the Lake Mead elevation would be above 1,025.0 feet.

Consistent with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar years 2013 and 2014.

The tier determinations will be documented in the 2014 AOP, which is currently in the final stages of development.

The Interim Guidelines are available for download at http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The 2013 AOP is available for download at http://www.usbr.gov/uc/water/rsvrs/ops/aop/AOP13_final.pdf.
The Draft 2014 AOP is available for download at http://www.usbr.gov/lc/region/g4000/AOP2014/AOP14_draft.pdf.

Fontenelle Reservoir – Inflows to Fontenelle Reservoir for the month of November were 41,000 acre-feet (AF), or 97 percent of average. The reservoir elevation is 6488.70 feet, 63 percent of live capacity. Inflows are averaging 350 cubic feet per second (cfs) and are expected to remain steady or decrease over the next month. Fontenelle releases are currently at 990 cfs and are expected to remain at that level for the remainder of the winter, but releases may be revised to respond to significant changes in hydrology. Projected are updated monthly and new projections will be posted.

Inflows for the next three months are projected to be below average: with December, January and February forecasted inflow volumes at 30,000 AF (94% of average), 27,000 AF (89% of average), and 25,000 AF (90% of average), respectively.

The next Fontenelle Working Group meeting is scheduled for April 23, 2014, at 10:00 am at the Seedskadee National Wildlife Refuge. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir. The autumn Fontenelle Working Group meeting was held on August 23, 2013 at the Joint Powers Water Board in Green River. Minutes from past meetings are posted on the Working Group webpages.

Flaming Gorge Reservoir – Unregulated inflow into Flaming Gorge Reservoir during the month of November was 42,000 acre-feet (AF), or 82 percent of average. The reservoir elevation is 6015.5 feet and holding steady. Observed inflows are averaging 900 cubic feet per second (cfs).

Flaming Gorge releases are currently 800 cfs steady minimum releases and are anticipated to remain at this level through winter until spring runoff beings sometime in May or June 2014. The reservoir elevation is projected to reach 6015 feet remain close to that level through the winter before increasing to a peak elevation next year of approximately 6026 feet.

Inflows for the next three months are projected to be below average: with December, January and February forecasted inflow volumes at 30,000 AF (86% of average), 32,000 AF (79% of average), and 35,000 AF (79% of average), respectively.

The next Flaming Gorge Working Group meeting is scheduled for April 24, 2014, at 11:00 a.m. to be held in the Utah Department of Natural Resources building in Vernal, Utah. The Flaming Gorge Working Group is an open public forum for information

exchange between Reclamation and the stake holders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations and plans presented by Reclamation at these meetings. Meeting notes from past Working Group meetings are posted on the Working Group webpage. For more information on this group and these meetings please contact Ed Vidmar at 801-379-1182.

Aspinall Unit Reservoirs – November unregulated inflow into Blue Mesa Reservoir was 33,000 acre-feet or 106 percent of average. Precipitation during November was observed to be about 95 percent of average. The current inflow rate into Blue Mesa Reservoir is about 500 cfs while reservoir releases are averaging about 300 cfs. Blue Mesa's present elevation is 7459.77 feet, which corresponds to a storage content of about 370,000 acre-feet. The unregulated reservoir inflow into Blue Mesa Reservoir during water year 2013 was 560,500 acre-feet, or about 59 percent of average.

Releases from Crystal are currently set at 300 cfs. The Gunnison Diversion Tunnel was shut down for the season on October 30th, with exception of some small 50 to 100 cfs diversions taken bi-weekly for municipal water needs in Montrose, Colorado. River flows below the tunnel are essentially the same as releases from the Dam, with the exception of when the tunnel is taking water to refill Fairfield Reservoir for Montrose municipal water needs.

On December 1, 2013, the National Weather Service's River Forecasting Center issued its forecasted inflow into Blue Mesa for the next 3 months. The unregulated inflow forecast for December, January, and February is for 68,000 acre-feet, which is 94% of average for these months.

The next meeting of the "Aspinall Unit Working Group" will be held on Thursday January 23rd in the Montrose, Colorado, starting at 1:00 PM. At this meeting, review of last summer and fall reservoir operations, and plans for this winter and next spring 2014 operations will be discussed. These meetings are open forum discussions on the Aspinall Unit reservoir operations with many interested groups participating. Anyone needing further information about these meetings should contact Dan Crabtree in the Grand Junction Area Office at (970) 248-0652.

Navajo Reservoir – Reclamation has been releasing 250 cfs from Navajo Reservoir since September 24th, 2013. Releases are made for the authorized purposes of the Navajo Unit, and to attempt to maintain a target base flow through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell). The San Juan River Basin Recovery Implementation Program recommends a target base flow of between 500 cfs and 1,000 cfs through the critical habitat area. The target base flow is calculated as the weekly average of gaged flows throughout the critical habitat area.

Navajo was at 6025.11 ft of pool elevation and 960,302 acre-ft of storage by the end of November, which was 70% of average for the end of the month. Modified unregulated

inflow was 34,974 acre-ft, which was 107% of average for November. Calculated evaporation for the month was 690 acre-ft. The reservoir gained an an average of 315 acre-ft per day throughout November, including NIIP diversions and evaporation. An average of 250 cfs was maintained from the auxiliary outlet works throughout all of November. Navajo Reservoir recorded 0.78 inches of liquid precipitation (70% of average).

As of December 2nd, the release at Navajo is 250 cfs, and the observed inflow is 503 cfs. The reservoir elevation is 6025.18 ft and the content is 960,980 acre-ft, or 56% full (29% of Active). NIIP has ended diverting for the season as of October 21st. The San Juan River at Four Corners USGS gage is at 673 cfs and the Animas River at Farmington USGS gage is at 381 cfs. See the Navajo Notices webpage for up-to-date release information and notices. The reservoir began storing water as of September 9th and continues to gain storage at present. SNOTEL sites above Navajo are showing 6.0 inches of snow water equivalent (SWE), which is 126% of average (1987-present).

The most probable modified-unregulated inflow forecast for December at Navajo is 26,000 acre-ft (104% of average), for January is 23,000 acre-ft (106% of average), and for February is 29,000 acre-ft (96% of average). Modified-unregulated inflow is defined as the predicted hydrologic inflow volume into Navajo adjusted for the change in storage at Vallecito Reservoir and the San-Juan Chama diversion volume.

The Fall Operations Meeting was held on August 27th at the Farmington Civic Center. The next Public Operations meeting is scheduled for January 21st 2014.These meetings are open forum discussions on the operation of Navajo Reservoir with many interested groups participating. Anyone interested in the general operation of the reservoir is encouraged to attend. Please contact Ryan Christianson in Reclamation's Durango, Colorado Office at (970) 385-6590 for information about these meetings or the daily operation of Navajo Reservoir.

Glen Canyon Dam / Lake Powell –

Current Status

The unregulated inflow volume to Lake Powell in November was 460 thousand acre-feet (kaf) (97% of average). The release volume from Glen Canyon Dam in November was 680 kaf. On November 11-16 a high flow experimental release was conducted from Glen Canyon Dam in accordance with the High Flow Protocol. Reclamation released the maximum available capacity (35,000 cfs) during the 5-day experiment. The end of November elevation and storage of Lake Powell were 3587.9 feet (112.1 feet from full pool) and 10.63 million acre-feet (maf) (44% of full capacity), respectively. The annual release volume from Lake Powell remains 7.48 maf and will not change as a result of the HFE. The reservoir elevation is now declining and will continue to decline through the fall and winter until spring runoff in 2014.

Current Operations
The operating tier for water year 2014 is the Mid-Elevation Release Tier with an annual release volume of 7.48 maf, as established in August 2013 and pursuant to the Interim Guidelines, Section 6.C.1. Reclamation will schedule operations at Glen Canyon Dam to achieve as practicably as possible a 7.48 maf annual release volume by September 30, 2014.

In December, the release volume will likely be about 600 kaf, with fluctuations from about 6,000 cfs in the daytime to about 12,000 cfs in the nighttime and consistent with the Glen Canyon Operating Criteria (Federal Register, Volume 62, No. 41, March 3, 1997). In January, the release volume will likely be about 800 kaf with daily fluctuations for hydropower.

In addition to daily scheduled fluctuations for power generation, the instantaneous releases from Glen Canyon Dam may also fluctuate to provide 40 MW of system regulation. These instantaneous release adjustments stabilize the electrical generation and transmission system and translate to a range of about 1,200 cfs above or below the hourly scheduled release rate. Under system normal conditions, fluctuations for regulation are typically short lived and generally balance out over the hour with minimal or no noticeable impacts on downstream river flow conditions.
Releases from Glen Canyon Dam can also fluctuate beyond scheduled fluctuations for power generation when called upon as a partner that shares reserve requirements within the electrical generator community (i.e. balancing area). Reserves provide system reliability in the event of an unscheduled outage. Glen Canyon Dam typically maintains 41 MW of reserves (approximately 1,200 cfs). Reserve calls can be maintained for a maximum of 2 hours after which time the generation rate should be returned to the original schedule. If reserves from Glen Canyon Dam are called upon, releases from the dam can exceed scheduled levels and can have a noticeable impact on the river downstream from Glen Canyon Dam. Calls for reserves are fairly infrequent and typically are for much less than 41 MW.

Inflow Forecasts and Model Projections
The hydrologic forecast for water year 2014 for Lake Powell, issued by the Colorado Basin River Forecast Center, projects that the most probable (median) unregulated inflow volume will be 10.21 maf (94% of average based on the period 1981-2010). The water year 2014 forecast increased by 560 kaf since last month. At this early point in the season, there is still significant uncertainty regarding next year's water supply. The forecast ranges from a minimum probable of 6.5 maf (60% of average) to a maximum probable of 16.5 maf (162% of average). There is a 10 percent chance that inflows could be higher than the maximum probable and a 10 percent chance they could be lower than the minimum probable.

Based on the current forecast, the December 24-Month study projects Lake Powell elevation will peak near approximately 3,608 ft next summer and end the water year near 3,603 feet with approximately 12.08 maf in storage (50% capacity). Note that projections of elevation and storage have significant uncertainty at this point in the season, primarily

due to uncertainty regarding the upcoming winter's total snowfall and the resulting inflow to Lake Powell. Under the minimum probable inflow scenario, last run in October, the projected summer peak is 3,586 ft and end of water year storage is 9.3 maf (38% capacity). Under the maximum probable inflow scenario, last run in October, the projected summer peak is 3,661 ft and end of water year storage is 18.4 maf (76% capacity). There is a 10 percent chance that inflows will be higher, resulting in higher elevation and storage, and 10 percent chance that inflows will be lower, resulting in lower elevation and storage. The minimum and maximum probable model runs will be updated in January. The annual release volume from Lake Powell during water year 2014 is projected to be 7.48 maf under all inflow scenarios.

Consistent with Section 6.C.1 of the Interim Guidelines, the Lake Powell operational tier for water year 2014 is the Mid-Elevation Release Tier with an annual release volume of 7.48 maf. This was determined in the August 2013 24-Month study tier determination run which projected that, with an 8.23 maf annual release pattern in water year 2014, the January 1, 2014, Lake Powell elevation would be below 3,575.0 feet and the Lake Mead elevation would be above 1,025.0 feet. This determination will be documented in the 2014 AOP, which is currently in the final stages of development.

Upper Colorado River Basin Hydrology –
The Upper Colorado River Basin regularly experiences significant year to year hydrologic variability. During the 14-year period 2000 to 2013, however, the unregulated inflow to Lake Powell, which is a good measure of hydrologic conditions in the Colorado River Basin, was above average in only 3 out of the past 14 years. The period 2000-2014 is the lowest 14-year period since the closure of Glen Canyon Dam in 1963, with an average unregulated inflow of 8.25 maf, or 76% of the 30-year average (1981-2010). (For comparison, the 1981-2010 average is 10.83maf.) The unregulated inflow during the 2000-2013 period has ranged from a low of 2.64 maf (24% of average) in water year 2002 to a high of 15.97 maf (147% of average) in water year 2011. Under the current forecast, water year 2014 inflows to Lake Powell are expected to range between a minimum probable of 6.5 maf (60% of average) and a maximum probable of 16.5 maf (162% of average) with a most probable projection of 10.21 maf (94% of average).

At the beginning of water year 2014, total system storage in the Colorado River Basin was 29.9 maf (50% of 59.6 maf total system capacity). This is about 4 maf less than the total storage at the beginning of water year 2013 which began at 34.0 maf (57% of capacity). Since the beginning of water year 2000, total Colorado Basin storage has experienced year to year increases and decreases in response to wet and dry hydrology, ranging from a high of 94% of capacity at the beginning of 2000 to a low of 50% of capacity at the beginning of water year 2014. One wet year can significantly increase total system reservoir storage, just as persistent dry years can draw down the system storage. Based on current inflow forecasts, the current projected end of water year 2014 total Colorado Basin reservoir storage is approximately 31.1 maf (51% of capacity). The actual end of water year storage may vary significantly from this projection, primarily due to uncertainty regarding next season's snowpack and resulting runoff.

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-430
125 SOUTH STATE STREET, ROOM 6107
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-3709

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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:	Obs			nov	Forecast		
:	aug	sep	oct	nov	%Avg	dec	jan	feb
GLDA3:Lake Powell	273	857	549	460	97%:	320/	300/	330
GBRW4:Fontenelle	32	47	53	41	97%:	30/	27/	25
GRNU1:Flaming Gorge	22	67	68	42	82%:	30/	32/	35
BMDC2:Blue Mesa	46	57	48	33	106%:	26/	22/	20
MPSC2:Morrow Point	46	58	50	34	102%:	28/	24/	23
CLSC2:Crystal	50	63	55	40	105%:	32/	28/	26
TPIC2:Taylor Park	6.6	7.9	7.1	4.0	78%:	4.2/	3.7/	3.2
VCRC2:Vallecito	12.9	45	17.9	9.9e	113%:	6.9/	5.8/	4.8
NVRN5:Navajo	43	151	57	35e	103%:	26/	23/	29
LEMC2:Lemon	2.8	9.7	3.0	1.66	99%:	1.1/	0.9/	0.7
MPHC2:McPhee	11.6	27	11.5	7.0	117%:	4.7/	3.7/	4
RBSC2:Ridgway	11.6	14.9	10.1	6.1	109%:	4.7/	4/	3.5

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

December 2013 24-Month Study

Most Probable Inflow*

Fontenelle Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Dec 2012	28	1	52	0	52	6485.19	196
H	Jan 2013	23	1	53	0	53	6479.94	166
I	Feb 2013	23	0	48	0	48	6475.03	141
S	Mar 2013	41	0	52	0	52	6472.41	129
T	Apr 2013	51	1	51	0	51	6472.25	128
O	May 2013	108	1	51	0	51	6483.26	185
R	Jun 2013	91	2	47	0	48	6489.79	226
I	Jul 2013	67	2	48	0	48	6492.28	243
C	Aug 2013	32	2	43	0	43	6490.28	229
A	Sep 2013	47	2	42	0	42	6490.87	233
	WY 2013	**575**	**14**	**534**	**57**	**591**		
L	Oct 2013	53	1	19	24	43	6492.11	241
*	Nov 2013	41	1	51	4	55	6489.91	226
	Dec 2013	30	1	63	0	63	6484.80	195
	Jan 2014	27	1	61	0	61	6478.76	160
	Feb 2014	25	0	55	0	55	6472.44	130
	Mar 2014	42	0	61	0	61	6467.91	110
	Apr 2014	70	1	59	0	59	6470.44	121
	May 2014	134	1	61	0	61	6484.50	193
	Jun 2014	260	2	103	45	149	6500.37	302
	Jul 2014	165	3	100	19	120	6505.81	344
	Aug 2014	65	2	74	0	74	6504.41	333
	Sep 2014	42	2	36	35	71	6500.37	302
	WY 2014	**953**	**15**	**743**	**128**	**871**		
	Oct 2014	46	1	72	0	72	6496.69	275
	Nov 2014	41	1	70	0	70	6492.53	245
	Dec 2014	32	1	72	0	72	6486.37	204
	Jan 2015	30	1	72	0	72	6479.16	162
	Feb 2015	28	0	65	0	65	6471.25	124
	Mar 2015	53	0	72	0	72	6466.48	105
	Apr 2015	85	1	71	0	71	6469.78	118
	May 2015	164	1	99	6	105	6481.67	176
	Jun 2015	299	2	102	76	179	6499.44	295
	Jul 2015	178	3	101	29	131	6505.15	339
	Aug 2015	77	2	80	0	80	6504.43	333
	Sep 2015	46	2	36	30	65	6501.67	312
	WY 2015	**1078**	**15**	**912**	**141**	**1053**		
	Oct 2015	49	1	68	0	68	6499.00	291
	Nov 2015	42	1	65	0	65	6495.70	267

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2160

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

December 2013 24-Month Study

Most Probable Inflow*

Flaming Gorge Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	Dec 2012	25	50	2	70	0	70	121	6020.63	3002	219
H	Jan 2013	24	53	2	74	0	74	120	6020.03	2981	579
I	Feb 2013	30	55	2	67	0	67	119	6019.65	2967	415
S	Mar 2013	64	76	3	53	0	53	120	6020.19	2986	109
T	Apr 2013	69	69	5	50	0	50	121	6020.57	3000	150
O	May 2013	135	77	7	67	0	67	121	6020.65	3003	438
R	Jun 2013	91	48	10	135	3	138	117	6017.91	2906	375
I	Jul 2013	66	47	12	68	0	68	116	6016.99	2875	100
C	Aug 2013	22	33	11	68	0	68	114	6015.71	2831	87
A	Sep 2013	67	62	10	66	0	66	113	6015.33	2818	95
	WY 2013	**657**	**673**	**73**	**818**	**3**	**821**				**2713**
L	Oct 2013	68	58	6	51	0	51	113	6015.35	2819	106
*	Nov 2013	41	55	3	48	0	48	114	6015.47	2823	93
	Dec 2013	30	63	2	49	0	49	114	6015.85	2836	49
	Jan 2014	32	66	2	49	0	49	115	6016.28	2850	49
	Feb 2014	35	65	2	44	0	44	115	6016.80	2868	44
	Mar 2014	80	99	3	49	0	49	117	6018.10	2913	49
	Apr 2014	110	99	5	48	0	48	119	6019.39	2958	48
	May 2014	190	117	7	103	0	103	119	6019.57	2965	103
	Jun 2014	310	199	10	158	0	158	120	6020.43	2995	158
	Jul 2014	183	138	13	64	0	64	123	6022.09	3054	64
	Aug 2014	73	82	12	64	0	64	123	6022.25	3060	64
	Sep 2014	47	76	11	62	0	62	123	6022.37	3064	62
	WY 2014	**1199**	**1117**	**74**	**788**	**0**	**788**				**889**
	Oct 2014	53	79	7	64	0	64	124	6022.60	3072	64
	Nov 2014	49	77	3	62	0	62	124	6022.93	3084	62
	Dec 2014	35	75	2	64	0	64	124	6023.18	3094	64
	Jan 2015	40	82	2	64	0	64	125	6023.62	3110	64
	Feb 2015	45	82	2	57	0	57	126	6024.21	3131	57
	Mar 2015	102	122	3	64	0	64	128	6025.64	3184	64
	Apr 2015	134	119	5	62	0	62	130	6027.00	3235	62
	May 2015	245	186	8	114	0	114	133	6028.64	3297	114
	Jun 2015	390	269	11	158	0	158	136	6031.15	3394	158
	Jul 2015	210	163	14	98	0	98	138	6032.41	3443	98
	Aug 2015	89	92	13	98	0	98	138	6031.93	3424	98
	Sep 2015	55	75	11	95	0	95	136	6031.15	3393	95
	WY 2015	**1446**	**1421**	**80**	**999**	**0**	**999**				**999**
	Oct 2015	59	78	7	98	0	98	135	6030.46	3367	98
	Nov 2015	51	74	4	95	0	95	134	6029.86	3343	95

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2160

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

December 2013 24-Month Study

Most Probable Inflow*

Taylor Park Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Dec 2012	3	3	9301.09	57
H	Jan 2013	3	3	9301.07	57
I	Feb 2013	3	3	9301.01	57
S	Mar 2013	3	3	9301.27	57
T	Apr 2013	6	4	9302.94	59
O	May 2013	21	7	9312.29	74
R	Jun 2013	26	12	9320.43	88
I	Jul 2013	9	15	9316.95	81
C	Aug 2013	7	14	9312.37	74
A	Sep 2013	8	12	9309.95	70
	WY 2013	**96**	**83**		
L	Oct 2013	7	6	9310.82	71
*	Nov 2013	5	5	9310.99	71
	Dec 2013	4	4	9311.11	72
	Jan 2014	4	4	9310.93	71
	Feb 2014	3	4	9310.43	71
	Mar 2014	3	4	9310.05	70
	Apr 2014	7	8	9309.42	69
	May 2014	28	18	9315.50	79
	Jun 2014	41	21	9326.37	99
	Jul 2014	15	22	9322.72	92
	Aug 2014	9	18	9317.79	83
	Sep 2014	7	16	9312.52	74
	WY 2014	**133**	**129**		
	Oct 2014	6	12	9309.07	68
	Nov 2014	5	6	9308.44	67
	Dec 2014	5	6	9307.58	66
	Jan 2015	4	6	9306.50	64
	Feb 2015	4	6	9305.02	62
	Mar 2015	4	6	9303.96	61
	Apr 2015	9	6	9305.83	63
	May 2015	28	14	9314.78	78
	Jun 2015	42	20	9326.62	99
	Jul 2015	20	20	9326.69	100
	Aug 2015	10	20	9321.61	90
	Sep 2015	7	16	9316.82	81
	WY 2015	**145**	**138**		
	Oct 2015	7	12	9313.70	76
	Nov 2015	5	6	9313.17	75

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2160

Processed On: 12/9/2013 12:10:19PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

December 2013 24-Month Study

Most Probable Inflow*

Blue Mesa Reservoir

	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Dec 2012	18	18	0	16	0	16	7452.65	328
H	Jan 2013	16	16	0	15	0	15	7452.77	328
I	Feb 2013	16	16	0	15	0	15	7452.95	329
S	Mar 2013	23	23	0		0	16	7454.12	336
T	Apr 2013	43	41	1	38	0	38	7454.46	338
O	May 2013	133	119	1	58	0	58	7464.34	399
R	Jun 2013	126	111	1	69	0	69	7470.58	440
I	Jul 2013	44	51	1	98	0	98	7463.20	391
C	Aug 2013	46	54	1	89	0	89	7457.29	355
A	Sep 2013	57	61	1	66	0	66	7456.24	348
	WY 2013	**561**	**547**	**6**	**517**	**0**	**532**		
L	Oct 2013	48	47	0	46	0	46	7456.34	349
*	Nov 2013	33	33	0	14	0	14	7459.38	367
	Dec 2013	26	26	0	15	0	15	7461.19	379
	Jan 2014	22	22	0	13	0	13	7462.65	388
	Feb 2014	20	21	0	11	0	11	7464.16	397
	Mar 2014	32	33	0	16	0	16	7466.66	414
	Apr 2014	75	76	1	26	0	26	7473.96	463
	May 2014	235	225	1	114	0	114	7488.92	573
	Jun 2014	260	240	1	34	0	34	7513.62	778
	Jul 2014	95	102	2	92	0	92	7514.57	786
	Aug 2014	52	61	1	126	0	126	7506.98	720
	Sep 2014	36	45	1	114	0	114	7498.66	650
	WY 2014	**934**	**930**	**8**	**620**	**0**	**620**		
	Oct 2014	37	42	1	66	0	66	7495.69	626
	Nov 2014	31	32	0	36	0	36	7495.10	622
	Dec 2014	26	27	0	67	0	67	7490.00	581
	Jan 2015	24	26	0	61	0	61	7485.41	546
	Feb 2015	22	25	0	55	0	55	7481.30	516
	Mar 2015	36	38	0	32	0	32	7482.00	521
	Apr 2015	77	74	1	42	0	42	7486.22	552
	May 2015	221	207	1	118	0	118	7497.39	640
	Jun 2015	261	239	1	80	0	80	7515.89	798
	Jul 2015	117	117	2	111	0	111	7516.40	803
	Aug 2015	63	73	1	122	0	122	7510.76	752
	Sep 2015	38	47	1	112	0	112	7502.99	686
	WY 2015	**953**	**946**	**9**	**902**	**0**	**902**		
	Oct 2015	38	44	1	66	0	66	7500.23	663
	Nov 2015	31	32	0	36	0	36	7499.71	659

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

December 2013 24-Month Study

Most Probable Inflow*

Morrow Point Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Dec 2012	18	16	1	17	18	0	18	7146.50	106
H	Jan 2013	17	15	1	16	17	0	17	7144.75	105
I	Feb 2013	17	15	1	15	16	0	16	7144.30	105
S	Mar 2013	24	16	1	17	17	0	17	7144.36	105
T	Apr 2013	49	38	6	44	42	0	42	7146.71	107
O	May 2013	148	58	15	72	67	0	67	7154.02	112
R	Jun 2013	132	69	6	75	75	0	75	7154.39	113
I	Jul 2013	45	98	0	98	99	0	99	7153.53	112
C	Aug 2013	46	89	0	90	89	0	89	7154.91	113
A	Sep 2013	58	66	2	68	69	0	69	7154.20	112
	WY 2013	**596**	**532**	**35**	**567**	**563**	**0**	**563**		
L	Oct 2013	50	46	2	48	47	1	50	7152.26	111
*	Nov 2013	34	14	1	15	0	0	15	7152.65	111
	Dec 2013	28	15	2	17	16	0	16	7153.73	112
	Jan 2014	24	13	2	15	15	0	15	7153.73	112
	Feb 2014	23	11	3	14	14	0	14	7153.73	112
	Mar 2014	33	16	1	17	17	0	17	7153.73	112
	Apr 2014	84	26	9	35	35	0	35	7153.73	112
	May 2014	260	114	25	139	139	0	139	7153.73	112
	Jun 2014	278	34	18	52	52	0	52	7153.73	112
	Jul 2014	99	92	4	96	96	0	96	7153.73	112
	Aug 2014	55	126	3	129	129	0	129	7153.73	112
	Sep 2014	38	114	2	116	116	0	116	7153.73	112
	WY 2014	**1007**	**620**	**72**	**692**	**675**	**1**	**693**		
	Oct 2014	39	66	2	68	68	0	68	7153.73	112
	Nov 2014	33	36	2	38	38	0	38	7153.73	112
	Dec 2014	28	67	2	69	69	0	69	7153.73	112
	Jan 2015	27	61	2	63	63	0	63	7153.73	112
	Feb 2015	25	55	3	58	58	0	58	7153.73	112
	Mar 2015	40	32	4	36	36	0	36	7153.73	112
	Apr 2015	88	42	11	53	53	0	53	7153.73	112
	May 2015	247	118	26	144	144	0	144	7153.73	112
	Jun 2015	281	80	20	100	100	0	100	7153.73	112
	Jul 2015	123	111	6	117	117	0	117	7153.73	112
	Aug 2015	67	122	3	125	125	0	125	7153.73	112
	Sep 2015	41	112	3	115	115	0	115	7153.73	112
	WY 2015	**1038**	**902**	**84**	**986**	**986**	**0**	**986**		
	Oct 2015	41	66	3	69	69	0	69	7153.73	112
	Nov 2015	33	36	2	38	38	0	38	7153.73	112

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Managing Water in the West

December 2013 24-Month Study

Most Probable Inflow*

Crystal Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
*	Dec 2012	22	18	4	22	22	0	22	6749.11	16	1	20
H	Jan 2013	20	17	4	21	19	2	21	6747.09	15	0	20
I	Feb 2013	20	16	3	19	10	9	19	6745.57	15	0	19
S	Mar 2013	29	17	5	21	22	0	22	6744.50	15	0	22
T	Apr 2013	55	42	7	49	51	0	51	6738.38	13	33	20
O	May 2013	161	67	13	80	80	0	80	6736.96	13	66	18
R	Jun 2013	144	75	11	86	84	0	84	6744.76	15	65	25
I	Jul 2013	49	99	4	103	101	1	102	6748.24	16	67	41
C	Aug 2013	50	89	3	92	92	1	93	6745.72	15	62	35
A	Sep 2013	63	69	5	74	73	0	73	6746.17	15	48	27
	WY 2013	**660**	**563**	**65**	**628**	**613**	**14**	**627**			**363**	**286**
L	Oct 2013	55	50	5	54	56	0	56	6741.56	14	36	22
*	Nov 2013	40	15	6	21	15	4	19	6748.85	16	0	20
	Dec 2013	32	16	4	20	18	0	18	6753.04	17	0	18
	Jan 2014	28	15	4	19	19	0	19	6753.04	17	0	19
	Feb 2014	26	14	3	17	17	0	17	6753.04	17	0	17
	Mar 2014	40	17	7	24	24	0	24	6753.04	17	5	19
	Apr 2014	97	35	13	48	48	0	48	6753.04	17	30	18
	May 2014	295	139	35	174	134	40	174	6753.04	17	55	119
	Jun 2014	310	52	32	84	84	0	84	6753.04	17	60	24
	Jul 2014	110	96	11	107	107	0	107	6753.04	17	65	42
	Aug 2014	60	129	5	134	134	0	134	6753.04	17	65	69
	Sep 2014	44	116	6	122	122	0	122	6753.04	17	55	66
	WY 2014	**1137**	**693**	**131**	**823**	**778**	**43**	**821**			**371**	**453**
	Oct 2014	45	68	6	74	74	0	74	6753.04	17	30	44
	Nov 2014	37	38	5	43	43	0	43	6753.04	17	0	43
	Dec 2014	32	69	5	74	74	0	74	6753.04	17	0	74
	Jan 2015	31	63	5	68	68	0	68	6753.04	17	0	68
	Feb 2015	29	58	4	61	61	0	61	6753.04	17	0	61
	Mar 2015	46	36	6	42	42	0	42	6753.04	17	5	37
	Apr 2015	101	53	12	66	66	0	66	6753.04	17	30	36
	May 2015	281	144	34	178	134	44	178	6753.04	17	55	123
	Jun 2015	315	100	34	134	130	4	134	6753.04	17	60	74
	Jul 2015	138	117	14	131	131	0	131	6753.04	17	65	66
	Aug 2015	75	125	8	134	134	0	134	6753.04	17	65	69
	Sep 2015	47	115	6	121	121	0	121	6753.04	17	55	66
	WY 2015	**1177**	**986**	**140**	**1126**	**1078**	**48**	**1126**			**365**	**761**
	Oct 2015	47	69	6	75	75	0	75	6753.04	17	30	45
	Nov 2015	38	38	5	43	43	0	43	6753.04	17	0	43

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

December 2013 24-Month Study

Most Probable Inflow*

Vallecito Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Dec 2012	3	0	7627.33	40
H	Jan 2013	3	0	7629.10	43
I	Feb 2013	3	0	7630.60	46
S	Mar 2013	4	0	7632.64	50
T	Apr 2013	15	1	7639.26	63
O	May 2013	49	31	7647.20	80
R	Jun 2013	19	35	7639.75	64
I	Jul 2013	8	32	7626.95	40
C	Aug 2013	13	26	7617.79	26
A	Sep 2013	45	7	7639.82	64
	WY 2013	**169**	**138**		
L	Oct 2013	18	2	7646.84	80
*	Nov 2013	10	2	7650.16	87
	Dec 2013	7	2	7652.29	93
	Jan 2014	6	2	7653.95	97
	Feb 2014	5	1	7655.26	100
	Mar 2014	10	3	7657.90	107
	Apr 2014	29	10	7665.00	125
	May 2014	80	80	7665.00	125
	Jun 2014	83	83	7664.94	125
	Jul 2014	29	42	7660.00	112
	Aug 2014	19	38	7652.40	93
	Sep 2014	16	30	7646.55	79
	WY 2014	**311**	**293**		
	Oct 2014	15	17	7645.40	76
	Nov 2014	9	0	7648.89	84
	Dec 2014	6	0	7651.36	90
	Jan 2015	5	0	7653.40	95
	Feb 2015	5	0	7655.14	100
	Mar 2015	9	3	7657.44	105
	Apr 2015	23	3	7664.94	125
	May 2015	71	71	7665.00	125
	Jun 2015	70	70	7664.95	125
	Jul 2015	29	42	7660.02	112
	Aug 2015	20	38	7652.75	94
	Sep 2015	17	30	7647.55	81
	WY 2015	**280**	**274**		
	Oct 2015	16	17	7646.79	79
	Nov 2015	9	1	7650.15	87

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Managing Water in the West

December 2013 24-Month Study

Most Probable Inflow*

Navajo Reservoir

	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azetea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Farmington Flow (1000 Ac-Ft)
*	Dec 2012	12	0	9	0	0	22	6024.73	957	30
H	Jan 2013	14	0	11	0	0	20	6023.77	947	
I	Feb 2013	13	0	10	1	0	19	6022.74	938	36
S	Mar 2013	31	1	26	1	6	22	6022.39	934	33
T	Apr 2013	71	7	53	2	21	36	6021.77	928	40
O	May 2013	154	17	118	3	36	17	6028.15	990	93
R	Jun 2013	40	8	46	3	42	33	6024.88	958	50
I	Jul 2013	2	1	25	3	40	51	6017.54	889	53
C	Aug 2013	43	3	53	3	34	41	6014.89	865	55
A	Sep 2013	151	5	110	2	15	25	6022.28	933	90
	WY 2013	**543**	**42**	**472**	**20**	**205**	**348**			**554**
L	Oct 2013	57	3	38	1	4	15	6024.13	951	45
*	Nov 2013	35	1	26	1	0	15	6025.11	960	43
	Dec 2013	26	0	21	0	0	20	6025.08	960	20
	Jan 2014	23	0	19	0	0	31	6023.79	948	31
	Feb 2014	29	0	26	1	0	28	6023.50	945	28
	Mar 2014	94	0	87	1	2	31	6028.93	998	31
	Apr 2014	195	9	167	2	18	30	6040.21	1115	30
	May 2014	285	16	268	3	33	66	6054.69	1282	66
	Jun 2014	220	6	214	4	48	75	6061.62	1369	75
	Jul 2014	50	0	62	4	53	36	6059.11	1337	36
	Aug 2014	40	0	59	4	46	51	6055.79	1295	51
	Sep 2014	38	0	52	3	26	39	6054.46	1279	39
	WY 2014	**1092**	**36**	**1037**	**25**	**230**	**437**			**495**
	Oct 2014	43	0	46	2	7	31	6054.99	1285	31
	Nov 2014	32	0	24	1	0	30	6054.44	1279	30
	Dec 2014	25	0	19	1	0	31	6053.42	1266	31
	Jan 2015	22	0	17	1	0	31	6052.21	1252	31
	Feb 2015	30	0	26	1	0	28	6051.98	1249	28
	Mar 2015	92	2	84	2	2	31	6056.07	1299	31
	Apr 2015	170	14	136	2	18	30	6062.87	1385	30
	May 2015	277	37	240	4	33	39	6074.80	1548	39
	Jun 2015	224	32	191	5	49	101	6077.26	1584	101
	Jul 2015	66	6	72	5	54	38	6075.52	1559	38
	Aug 2015	45	2	61	4	46	53	6072.59	1517	53
	Sep 2015	43	0	55	3	26	42	6071.47	1501	42
	WY 2015	**1070**	**94**	**970**	**29**	**235**	**484**			**484**
	Oct 2015	47	1	47	2	7	31	6072.00	1508	31
	Nov 2015	34	0	25	1	0	30	6071.62	1503	30

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

December 2013 24-Month Study

Most Probable Inflow*

Lake Powell

	Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry Gage (1000 Ac-Ft)
*	Dec 2012	201	247	27	801	0	801	3609.82	5071	12713	800
H	Jan 2013	168	230	8	801	0	801	3604.42	5028	12177	801
I	Feb 2013	262	300	9	600	0	600	3601.47	5005	11891	595
S	Mar 2013	362	357	14	601	0	601	3598.96	4986	11651	594
T	Apr 2013	355	326	22	551	0	551	3596.53	4967	11422	547
O	May 2013	1122	925	26	602	0	602	3599.44	4989	11697	591
R	Jun 2013	939	907	42	800	0	800	3600.07	4994	11757	800
I	Jul 2013	143	298	49	848	0	848	3594.17	4950	11202	862
C	Aug 2013	273	401	47	801	0	801	3589.64	4917	10788	815
A	Sep 2013	857	802	44	600	0	600	3591.25	4928	10934	607
	WY 2013	**5117**	**5358**	**361**	**8154**	**78**	**8232**				**8244**
L	Oct 2013	549	475	30	481	0	481	3590.88	4926	10900	483
*	Nov 2013	460	419	29	553	127	680	3587.90	4904	10631	698
	Dec 2013	320	320	23	600	0	600	3584.74	4882	10351	612
	Jan 2014	300	316	7	800	0	800	3579.50	4845	9897	813
	Feb 2014	330	329	7	600	0	600	3576.46	4825	9639	610
	Mar 2014	600	492	12	505	0	505	3576.19	4823	9616	516
	Apr 2014	1100	850	19	500	0	500	3579.80	4848	9923	512
	May 2014	2300	1922	24	513	0	513	3594.19	4950	11204	525
	Jun 2014	2600	2130	42	600	0	600	3608.52	5060	12582	611
	Jul 2014	900	818	53	800	0	800	3608.19	5058	12549	819
	Aug 2014	400	521	53	800	0	800	3605.09	5033	12242	821
	Sep 2014	350	469	48	600	0	600	3603.39	5020	12077	614
	WY 2014	**10209**	**9062**	**348**	**7353**	**127**	**7480**				**7634**
	Oct 2014	464	497	33	600	0	600	3602.10	5010	11952	611
	Nov 2014	450	466	31	600	0	600	3600.51	4998	11799	609
	Dec 2014	363	438	25	800	0	800	3596.73	4969	11441	812
	Jan 2015	361	430	7	800	0	800	3592.97	4941	11092	813
	Feb 2015	393	436	8	650	0	650	3590.72	4925	10886	660
	Mar 2015	665	566	13	650	0	650	3589.72	4917	10796	661
	Apr 2015	1056	840	21	600	0	600	3591.95	4934	10998	612
	May 2015	2343	1940	27	650	0	650	3604.33	5027	12168	661
	Jun 2015	2666	2212	45	800	0	800	3616.86	5128	13434	811
	Jul 2015	1091	1006	56	1000	0	1000	3616.41	5125	13387	1019
	Aug 2015	500	624	55	1050	0	1050	3612.08	5089	12941	1071
	Sep 2015	408	547	50	800	0	800	3609.31	5067	12661	814
	WY 2015	**10760**	**10003**	**372**	**9000**	**0**	**9000**				**9154**
	Oct 2015	512	572	34	600	0	600	3608.73	5062	12603	611
	Nov 2015	473	518	33	600	0	600	3607.66	5053	12496	609

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RECLAMATION
Managing Water in the West

December 2013 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Glen Release (1000 Ac-Ft)	Side Inflow Glen to Hoover (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Dec 2012	801	50	43	476	7.7	11	432	886	1120.36	13636
H	Jan 2013	801	56	35	609	9.9	9	591	899	1122.32	13828
I	Feb 2013	600	68	32	646	11.6	8	644	898	1122.14	13810
S	Mar 2013	601	69	36	987	16.1	15	986	875	1118.59	13465
T	Apr 2013	551	37	44	1103	18.5	20	1102	840	1112.91	12921
O	May 2013	602	28	50	1007	16.4	27	1008	812	1108.36	12495
R	Jun 2013	800	1	59	948	15.9	28	947	798	1105.98	12276
I	Jul 2013	848	113	73	865	14.1	28	858	798	1105.92	12270
C	Aug 2013	801	132	78	808	13.1	27	790	799	1106.13	12289
A	Sep 2013	600	155	64	599	10.1	16	586	804	1106.92	12362
	WY 2013	**8232**	**824**	**612**	**9043**		**224**	**8923**			
L	Oct 2013	481	38	47	733	11.9	20	716	786	1104.04	12099
*	Nov 2013	680	115	47	513	8.6	10	510	800	1106.36	12310
	Dec 2013	600	99	40	503	8.2	16	503	809	1107.79	12442
	Jan 2014	800	81	33	598	9.7	6	598	824	1110.24	12670
	Feb 2014	600	94	31	701	12.6	8	701	821	1109.77	12626
	Mar 2014	505	77	34	1014	16.5	13	1014	791	1104.90	12177
	Apr 2014	500	80	41	1133	19.0	19	1133	754	1098.49	11601
	May 2014	513	64	47	1021	16.6	32	1021	722	1092.91	11110
	Jun 2014	600	33	55	939	15.8	29	939	698	1088.67	10743
	Jul 2014	800	55	68	909	14.8	32	909	689	1086.97	10597
	Aug 2014	800	109	72	830	13.5	28	830	688	1086.74	10577
	Sep 2014	600	81	59	671	11.3	19	671	683	1085.98	10513
	WY 2014	**7480**	**925**	**575**	**9567**		**233**	**9546**			
	Oct 2014	600	54	43	509	8.3	21	509	688	1086.86	10588
	Nov 2014	600	44	43	610	10.2	12	610	687	1086.63	10568
	Dec 2014	800	99	38	543	8.8	6	543	706	1090.04	10861
	Jan 2015	800	81	31	726	11.8	14	726	713	1091.24	10964
	Feb 2015	650	94	29	695	12.5	16	695	713	1091.28	10967
	Mar 2015	650	77	32	1044	17.0	20	1044	690	1087.25	10621
	Apr 2015	600	80	39	1131	19.0	13	1131	660	1081.67	10150
	May 2015	650	64	44	1018	16.6	23	1018	637	1077.45	9801
	Jun 2015	800	33	52	954	16.0	21	954	625	1075.21	9618
	Jul 2015	1000	55	65	877	14.3	27	877	630	1076.20	9699
	Aug 2015	1050	109	70	842	13.7	22	842	644	1078.78	9910
	Sep 2015	800	81	58	647	10.9	17	647	654	1080.59	10060
	WY 2015	**9000**	**870**	**543**	**9596**		**213**	**9596**			
	Oct 2015	600	54	42	476	7.7	16	476	661	1081.93	10172
	Nov 2015	600	44	43	619	10.4	22	619	659	1081.48	10134

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2160

Processed On: 12/9/2013 12:10:19PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

December 2013 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Dec 2012	476	-6	9	395	0	395	6.4	638.30	1572
H	Jan 2013	609	-11	10	510	0	510	8.3	641.20	1650
I	Feb 2013	646	-12	10	609	0	609	11.0	641.78	1665
S	Mar 2013	987	-11	13	956	0	956	15.5	642.06	1673
T	Apr 2013	1103	-20	17	1017	0	1017	17.1	643.87	1723
O	May 2013	1007	-15	22	959	0	959	15.6	644.24	1733
R	Jun 2013	948	-16	26	928	0	928	15.6	643.45	1711
I	Jul 2013	865	-24	26	810	0	810	13.2	643.66	1717
C	Aug 2013	808	-16	23	749	0	749	12.2	644.35	1736
A	Sep 2013	599	-11	18	681	0	681	11.4	640.23	1624
	WY 2013	**9043**	**-158**	**198**	**8669**	**0**	**8669**			
L	Oct 2013	733	-13	15	768	0	768	12.5	637.86	1560
*	Nov 2013	513	4	11	531	0	531	8.9	636.95	1537
	Dec 2013	503	-17	9	395	0	395	6.4	640.01	1617
	Jan 2014	598	-16	10	533	0	533	8.7	641.50	1658
	Feb 2014	701	-8	10	675	0	675	12.2	641.80	1666
	Mar 2014	1014	-16	13	951	0	951	15.5	643.05	1700
	Apr 2014	1133	-15	17	1103	0	1103	18.5	643.00	1699
	May 2014	1021	-14	22	985	0	985	16.0	643.00	1699
	Jun 2014	939	-12	25	929	0	929	15.6	642.00	1671
	Jul 2014	909	-5	25	893	0	893	14.5	641.50	1658
	Aug 2014	830	-8	23	799	0	799	13.0	641.50	1658
	Sep 2014	671	-1	18	746	0	746	12.5	638.00	1564
	WY 2014	**9567**	**-122**	**197**	**9307**	**0**	**9307**			
	Oct 2014	509	0	15	624	0	624	10.2	633.00	1434
	Nov 2014	610	-16	10	532	0	532	8.9	635.00	1486
	Dec 2014	543	-17	9	420	0	420	6.8	638.71	1583
	Jan 2015	726	-16	10	617	0	617	10.0	641.80	1666
	Feb 2015	695	-8	10	677	0	677	12.2	641.80	1666
	Mar 2015	1044	-16	13	981	0	981	16.0	643.05	1700
	Apr 2015	1131	-15	17	1101	0	1101	18.5	643.00	1699
	May 2015	1018	-14	22	982	0	982	16.0	643.00	1699
	Jun 2015	954	-12	25	943	0	943	15.9	642.00	1671
	Jul 2015	877	-5	25	860	0	860	14.0	641.50	1658
	Aug 2015	842	-8	23	811	0	811	13.2	641.50	1658
	Sep 2015	647	-1	18	721	0	721	12.1	638.00	1564
	WY 2015	**9596**	**-129**	**197**	**9270**	**0**	**9270**			
	Oct 2015	476	0	15	591	0	591	9.6	633.00	1434
	Nov 2015	619	-16	10	542	0	542	9.1	635.00	1486

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2160

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

December 2013 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	Dec 2012	395	21	7	289	4.7	15	132	446.41	550	132	2.2
H	Jan 2013	510	17	6	352	5.7	57	80	448.01	580	143	2.3
I	Feb 2013	609	4	8	444	8.0	7	147	448.13	583	158	2.8
S	Mar 2013	956	7	9	680	11.1	98	180	447.58	572	191	3.1
T	Apr 2013	1017	13	11	765	12.9	84	148	448.35	587	185	3.1
O	May 2013	959	20	13	677	11.0	97	174	448.76	595	98	1.5
R	Jun 2013	928	15	16	688	11.6	104	129	448.45	589	98	1.7
I	Jul 2013	810	27	17	626	10.2	100	80	448.51	590	110	1.8
C	Aug 2013	749	37	17	552	9.0	99	95	449.22	604	109	1.8
A	Sep 2013	681	23	15	486	8.2	91	149	446.96	560	97	1.7
	WY 2013	**8669**	**246**	**141**	**6389**		**780**	**1521**			**1477**	
L	Oct 2013	768	18	12	467	7.6	99	186	447.91	578	71	1.2
*	Nov 2013	531	21	9	314	5.3	73	142	448.37	587	90	1.5
	Dec 2013	395	26	6	237	3.8	99	137	445.00	525	105	1.7
	Jan 2014	533	16	6	342	5.6	99	97	445.00	525	125	2.0
	Feb 2014	675	10	7	438	7.9	54	152	446.50	552	156	2.8
	Mar 2014	951	17	9	718	11.7	54	174	446.70	555	201	3.3
	Apr 2014	1103	21	11	798	13.4	102	167	448.70	593	212	3.6
	May 2014	985	20	13	703	11.4	105	173	448.70	593	111	1.8
	Jun 2014	929	15	16	691	11.6	102	122	448.70	593	109	1.8
	Jul 2014	893	25	17	709	11.5	105	87	448.00	580	111	1.8
	Aug 2014	799	24	17	614	10.0	105	86	447.50	571	105	1.7
	Sep 2014	746	23	15	550	9.2	89	119	446.81	557	102	1.7
	WY 2014	**9307**	**237**	**139**	**6578**		**1086**	**1640**			**1497**	
	Oct 2014	624	26	12	454	7.4	62	125	446.31	548	65	1.1
	Nov 2014	532	32	8	365	6.1	61	121	446.50	552	99	1.7
	Dec 2014	420	26	6	265	4.3	62	108	446.50	552	105	1.7
	Jan 2015	617	16	6	348	5.7	98	175	446.50	552	125	2.0
	Feb 2015	677	10	8	458	8.3	88	127	446.50	552	156	2.8
	Mar 2015	981	17	9	704	11.5	98	174	446.70	555	201	3.3
	Apr 2015	1101	21	11	801	13.5	95	169	448.70	593	212	3.6
	May 2015	982	20	13	707	11.5	98	172	448.70	593	111	1.8
	Jun 2015	943	15	16	698	11.7	95	136	448.70	593	109	1.8
	Jul 2015	860	25	17	733	11.9	98	38	448.00	580	111	1.8
	Aug 2015	811	24	17	648	10.5	98	69	447.50	571	105	1.7
	Sep 2015	721	23	15	563	9.5	70	101	446.81	557	102	1.7
	WY 2015	**9270**	**256**	**139**	**6744**		**1023**	**1514**			**1500**	
	Oct 2015	591	26	12	460	7.5	24	124	446.31	548	65	1.1
	Nov 2015	542	32	8	385	6.5	24	147	446.50	552	99	1.7

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

December 2013 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Dec 2012	476	7.7	1120.36	13636	302	475.06	1520.0	198.5	84	417.3
H	Jan 2013	609	9.9	1122.32	13828	192	474.10	1062.0	259.8	59	426.6
I	Feb 2013	646	11.6	1122.14	13810	-18	475.07	1072.0	276.4	59	427.6
S	Mar 2013	987	16.1	1118.59	13465	-346	472.93	1073.0	425.6	59	431.1
T	Apr 2013	1103	18.5	1112.91	12921	-544	463.52	1042.0	467.6	57	423.9
O	May 2013	1007	16.4	1108.36	12495	-426	463.02	1353.0	419.9	75	417.1
R	Jun 2013	948	15.9	1105.98	12276	-219	460.72	1726.0	388.1	97	409.5
I	Jul 2013	865	14.1	1105.92	12270	-5	460.74	1753.0	348.3	100	402.7
C	Aug 2013	808	13.1	1106.13	12289	19	461.35	1737.0	325.9	100	403.4
A	Sep 2013	599	10.1	1106.92	12362	73	464.61	1737.0	242.5	100	405.1
	WY 2013	**9043**							**3770.1**		
L	Oct 2013	733	11.9	1104.04	12099	-263	460.18	1332.0	300.5	77	410.1
*	Nov 2013	513	8.6	1106.36	12310	212	465.65	1179.0	209.8	68	408.7
	Dec 2013	503	8.2	1107.79	12442	131	459.79	1188.0	206.2	68	410.3
	Jan 2014	598	9.7	1110.24	12670	228	463.04	750.0	252.2	43	421.5
	Feb 2014	701	12.6	1109.77	12626	-44	459.21	1421.0	290.3	81	413.8
	Mar 2014	1014	16.5	1104.90	12177	-450	455.76	1440.0	415.4	84	409.8
	Apr 2014	1133	19.0	1098.49	11601	-576	450.17	1346.0	470.5	80	415.1
	May 2014	1021	16.6	1092.91	11110	-491	444.14	1335.0	410.1	81	401.5
	Jun 2014	939	15.8	1088.67	10743	-367	438.27	1514.0	372.9	93	397.1
	Jul 2014	909	14.8	1086.97	10597	-146	435.09	1613.0	354.4	100	389.8
	Aug 2014	830	13.5	1086.74	10577	-20	434.29	1612.0	326.4	100	393.4
	Sep 2014	671	11.3	1085.98	10513	-64	434.94	1609.0	258.8	100	385.5
	WY 2014	**9567**							**3867.6**		
	Oct 2014	509	8.3	1086.86	10588	75	439.10	1319.0	200.6	82	393.7
	Nov 2014	610	10.2	1086.63	10568	-20	442.53	1100.0	242.7	68	397.9
	Dec 2014	543	8.8	1090.04	10861	293	440.17	1429.0	209.1	87	384.7
	Jan 2015	726	11.8	1091.24	10964	103	442.28	1126.0	290.0	68	399.6
	Feb 2015	695	12.5	1091.28	10967	3	442.33	1057.0	281.0	64	404.0
	Mar 2015	1044	17.0	1087.25	10621	-346	438.01	1331.0	414.7	82	397.2
	Apr 2015	1131	19.0	1081.67	10150	-472	432.90	1296.0	451.2	82	399.0
	May 2015	1018	16.6	1077.45	9801	-349	428.10	1258.1	394.3	81	387.2
	Jun 2015	954	16.0	1075.21	9618	-182	423.93	1436.1	360.7	93	378.2
	Jul 2015	877	14.3	1076.20	9699	80	423.08	1545.1	338.3	100	385.7
	Aug 2015	842	13.7	1078.78	9910	212	425.01	1559.7	324.8	100	385.8
	Sep 2015	647	10.9	1080.59	10060	150	428.33	1569.9	244.5	100	378.1
	WY 2015	**9596**							**3751.7**		
	Oct 2015	476	7.7	1081.93	10172	112	433.98	1287.5	184.3	82	386.8
	Nov 2015	619	10.4	1081.48	10134	-37	437.52	1071.4	244.4	68	394.6

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2160

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

December 2013 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Dec 2012	395	6.4	638.30	1572	65	134.78	183.6	44.1	72	111.7
H	Jan 2013	510	8.3	641.20	1650	78	139.33	163.2	63.2	64	123.8
I	Feb 2013	609	11.0	641.78	1665	16	138.67	153.0	76.8	60	126.1
S	Mar 2013	956	15.5	642.06	1673	8	140.26	191.3	120.2	75	125.8
T	Apr 2013	1017	17.1	643.87	1723	49	142.09	252.5	128.5	99	126.3
O	May 2013	959	15.6	644.24	1733	10	143.40	244.8	121.8	96	127.0
R	Jun 2013	928	15.6	643.45	1711	-22	141.69	247.4	116.9	97	126.0
I	Jul 2013	810	13.2	643.66	1717	6	141.93	249.9	102.9	98	127.1
C	Aug 2013	749	12.2	644.35	1736	19	143.01	255.0	92.1	100	122.9
A	Sep 2013	681	11.4	640.23	1624	-112	138.83	255.0	89.1	100	130.8
	WY 2013	**8669**							**1092.0**		
L	Oct 2013	768	12.5	637.86	1560	-63	136.18	196.4	94.7	77	123.3
*	Nov 2013	531	8.9	636.95	1537	-24	137.13	158.1	61.5	62	115.9
	Dec 2013	395	6.4	640.01	1617	81	133.76	173.4	49.1	68	124.3
	Jan 2014	533	8.7	641.50	1658	40	136.47	163.2	66.8	64	125.5
	Feb 2014	675	12.2	641.80	1666	8	137.02	173.4	84.4	68	125.0
	Mar 2014	951	15.5	643.05	1700	34	135.44	255.0	118.4	100	124.6
	Apr 2014	1103	18.5	643.00	1699	-2	136.07	255.0	137.1	100	124.3
	May 2014	985	16.0	643.00	1699	0	136.04	255.0	123.1	100	125.0
	Jun 2014	929	15.6	642.00	1671	-27	135.51	255.0	115.7	100	124.6
	Jul 2014	893	14.5	641.50	1658	-14	134.73	255.0	110.9	100	124.3
	Aug 2014	799	13.0	641.50	1658	0	134.46	255.0	99.5	100	124.6
	Sep 2014	746	12.5	638.00	1564	-94	132.62	255.0	91.8	100	123.2
	WY 2014	**9307**							**1153.3**		
	Oct 2014	624	10.2	633.00	1434	-130	129.88	196.4	75.0	77	120.2
	Nov 2014	532	8.9	635.00	1486	51	129.62	158.1	63.5	62	119.3
	Dec 2014	420	6.8	638.71	1583	97	132.06	173.4	51.5	68	122.7
	Jan 2015	617	10.0	641.80	1666	83	135.97	163.2	76.8	64	124.5
	Feb 2015	677	12.2	641.80	1666	0	137.17	173.4	84.7	68	125.1
	Mar 2015	981	16.0	643.05	1700	34	135.44	255.0	122.1	100	124.5
	Apr 2015	1101	18.5	643.00	1699	-2	136.07	255.0	136.8	100	124.3
	May 2015	982	16.0	643.00	1699	0	136.04	255.0	122.7	100	125.0
	Jun 2015	943	15.9	642.00	1671	-27	135.51	255.0	117.5	100	124.6
	Jul 2015	860	14.0	641.50	1658	-14	134.73	255.0	107.1	100	124.5
	Aug 2015	811	13.2	641.50	1658	0	134.46	255.0	101.0	100	124.5
	Sep 2015	721	12.1	638.00	1564	-94	132.62	255.0	88.9	100	123.3
	WY 2015	**9270**							**1147.6**		
	Oct 2015	591	9.6	633.00	1434	-130	129.88	196.4	71.2	77	120.4
	Nov 2015	542	9.1	635.00	1486	51	129.62	158.1	64.6	62	119.2

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

December 2013 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Dec 2012	289	4.7	446.41	550	-31	80.98	103.2	19.5	86	67.5
H	Jan 2013	352	5.7	448.01	580	30	83.56	102.0	24.4	85	69.4
I	Feb 2013	444	8.0	448.13	583	2	80.52	115.2	31.2	96	70.1
S	Mar 2013	680	11.1	447.58	572	-10	81.73	120.0	46.8	100	68.9
T	Apr 2013	765	12.9	448.35	587	15	82.42	97.2	51.1	81	66.8
O	May 2013	677	11.0	448.76	595	8	80.83	104.4	46.4	87	68.6
R	Jun 2013	688	11.6	448.45	589	-6	82.20	117.6	47.4	98	68.9
I	Jul 2013	626	10.2	448.51	590	1	80.88	120.0	43.4	100	69.3
C	Aug 2013	552	9.0	449.22	604	14	82.71	120.0	37.0	100	67.0
A	Sep 2013	486	8.2	446.96	560	-43	80.66	120.0	34.5	100	71.0
	WY 2013	**6389**							**439.1**		
L	Oct 2013	467	7.6	447.91	578	18	83.28	96.0	31.7	80	67.9
*	Nov 2013	314	5.3	448.37	587	9	82.63	92.4	22.1	77	70.5
	Dec 2013	237	3.8	445.00	525	-62	75.38	92.4	14.8	77	62.4
	Jan 2014	342	5.6	445.00	525	0	73.61	94.8	21.5	79	63.0
	Feb 2014	438	7.9	446.50	552	27	74.46	92.4	28.4	77	64.7
	Mar 2014	718	11.7	446.70	555	4	74.93	99.6	47.3	83	65.9
	Apr 2014	798	13.4	448.70	593	38	75.08	120.0	52.7	100	66.0
	May 2014	703	11.4	448.70	593	0	76.05	120.0	46.7	100	66.5
	Jun 2014	691	11.6	448.70	593	0	76.05	120.0	45.9	100	66.5
	Jul 2014	709	11.5	448.00	580	-13	75.71	120.0	47.0	100	66.2
	Aug 2014	614	10.0	447.50	571	-9	75.13	120.0	40.2	100	65.5
	Sep 2014	550	9.2	446.81	557	-13	74.55	120.0	35.7	100	64.9
	WY 2014	**6578**							**433.9**		
	Oct 2014	454	7.4	446.31	548	-9	74.77	102.0	29.3	85	64.6
	Nov 2014	365	6.1	446.50	552	3	74.62	102.0	23.3	85	64.0
	Dec 2014	265	4.3	446.50	552	0	74.71	102.0	16.6	85	62.6
	Jan 2015	348	5.7	446.50	552	0	74.71	102.0	22.2	85	63.7
	Feb 2015	458	8.3	446.50	552	0	73.92	120.0	29.4	100	64.2
	Mar 2015	704	11.5	446.70	555	4	74.01	120.0	45.7	100	64.9
	Apr 2015	801	13.5	448.70	593	38	75.08	120.0	52.9	100	66.0
	May 2015	707	11.5	448.70	593	0	76.05	120.0	47.0	100	66.5
	Jun 2015	698	11.7	448.70	593	0	76.05	120.0	46.5	100	66.5
	Jul 2015	733	11.9	448.00	580	-13	75.71	120.0	48.6	100	66.3
	Aug 2015	648	10.5	447.50	571	-9	75.13	120.0	42.5	100	65.6
	Sep 2015	563	9.5	446.81	557	-13	74.55	120.0	36.5	100	65.0
	WY 2015	**6744**							**440.6**		
	Oct 2015	460	7.5	446.31	548	-9	74.77	102.0	29.8	85	64.7
	Nov 2015	385	6.5	446.50	552	3	74.62	102.0	24.7	85	64.1

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2160

Processed On: 12/9/2013 12:10:19PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

December 2013 24-Month Study

Most Probable Inflow*

Upper Basin Power

	Date	Glen Canyon 1000 MWHR	Flaming Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Reservoir 1000 MWHR	Fontenelle Reservoir 1000 MWHR
*	Dec 2012	346	27	4	6	2	4
H	Jan 2013	349	28	4	6	2	4
I	Feb 2013	259	25	4	5	1	3
S	Mar 2013	258	20	4	5	2	3
	Winter 2013	**1433**	**121**	**23**	**35**	**12**	**15**
T	Apr 2013	235	19	10	14	8	3
O	May 2013	257	26	15	23	15	3
R	Jun 2013	344	52	18	26	16	3
I	Jul 2013	361	26	26	35	20	3
C	Aug 2013	338	26	23	31	18	3
A	Sep 2013	253	25	17	24	14	3
	Summer 2013	**1789**	**173**	**108**	**153**	**90**	**19**
L	Oct 2013	202	19	12	16	10	1
*	Nov 2013	231	18	3	0	1	4
	Dec 2013	230	18	4	6	3	5
	Jan 2014	303	18	4	5	3	5
	Feb 2014	227	16	3	5	3	4
	Mar 2014	190	18	4	6	4	4
	Winter 2014	**1383**	**106**	**30**	**38**	**24**	**23**
	Apr 2014	189	17	7	13	8	4
	May 2014	197	37	33	50	23	4
	Jun 2014	238	57	10	19	15	9
	Jul 2014	322	23	29	35	18	10
	Aug 2014	321	23	39	46	23	7
	Sep 2014	240	22	35	42	21	3
	Summer 2014	**1506**	**180**	**153**	**204**	**109**	**37**
	Oct 2014	239	23	20	25	13	7
	Nov 2014	238	22	11	14	7	6
	Dec 2014	315	23	20	25	13	6
	Jan 2015	312	23	18	23	12	6
	Feb 2015	253	21	16	21	11	5
	Mar 2015	251	23	9	13	7	5
	Winter 2015	**1608**	**136**	**94**	**120**	**63**	**33**
	Apr 2015	232	22	12	19	11	5
	May 2015	255	42	35	52	23	7
	Jun 2015	322	58	25	36	22	9
	Jul 2015	407	36	35	42	23	10
	Aug 2015	426	36	38	45	23	8
	Sep 2015	324	35	34	41	21	3
	Summer 2015	**1642**	**194**	**145**	**194**	**103**	**37**
	Oct 2015	241	36	20	25	13	6
	Nov 2015	240	35	11	14	7	6

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2160

Processed On: 12/9/2013 12:10:19PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

December 2013 24-Month Study

Most Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions

Date	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Total KAF	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****CREDITABLE SPACE****										
Dec 2013	1,042	462	736	13691	15930	15067	30997	1042	462	736	2240	13691	15067	30997	4580	503	0	29.5
Jan 2014	1,064	451	736	13971	16221	14935	31157	1064	451	736	2251	13971	14935	31157	5350	598	0	29.3
								****EFFECTIVE SPACE****										
Jan 2014	1,064	451	736	13971	16221	14935	31157	425	433	547	1405	13971	14935	30311	5350	598	0	29.3
Feb 2014	1,084	442	748	14425	16699	14707	31406	442	424	558	1425	14425	14707	30557	1500	701	0	29.0
Mar 2014	1,096	432	751	14683	16962	14751	31713	452	415	561	1428	14683	14751	30861	1500	1014	0	28.7
Apr 2014	1,070	416	698	14706	16890	15200	32091	421	399	504	1325	14706	15200	31231	1500	1133	0	28.7
May 2014	1,015	367	581	14399	16362	15776	32138	359	350	368	1076	14399	15776	31252	1500	1021	0	29.8
Jun 2014	937	257	414	13118	14726	16267	30993	272	229	165	666	13118	16267	30051	1500	939	0	31.3
Jul 2014	798	52	327	11740	12917	16634	29551	119	3	26	148	11740	16634	28523	1500	909	0	31.1
								****CREDITABLE SPACE****										
Aug 2014	696	43	359	11773	12872	16780	29652	696	43	359	1099	11773	16780	29652	1500	830	0	30.7
Sep 2014	701	110	401	12080	13291	16800	30091	701	110	401	1212	12080	16800	30091	2270	671	0	30.2
Oct 2014	728	179	417	12245	13569	16864	30434	728	179	417	1324	12245	16864	30434	3040	509	0	30.0
Nov 2014	747	203	411	12370	13731	16789	30521	747	203	411	1361	12370	16789	30521	3810	610	0	29.8
Dec 2014	765	208	417	12523	13913	16809	30722	765	208	417	1390	12523	16809	30722	4580	543	0	29.8
Jan 2015	796	248	430	12881	14355	16516	30871	796	248	430	1474	12881	16516	30871	5350	726	0	29.5
								****EFFECTIVE SPACE****										
Jan 2015	796	248	430	12881	14355	16516	30871	550	248	430	1228	12881	16516	30625	5350	726	0	29.5
Feb 2015	822	283	444	13230	14780	16413	31193	573	283	444	1301	13230	16413	30944	1500	695	0	29.3
Mar 2015	839	314	447	13436	15035	16410	31445	586	314	447	1347	13436	16410	31192	1500	1044	0	29.0
Apr 2015	805	309	397	13526	15038	16756	31794	547	309	397	1253	13526	16756	31536	1500	1131	0	28.9
May 2015	741	277	311	13324	14654	17227	31881	475	277	311	1064	13324	17227	31616	1500	1018	0	30.1
Jun 2015	621	189	148	12154	13112	17576	30688	344	187	123	654	12154	17576	30385	1500	954	0	31.6
Jul 2015	406	32	112	10888	11437	17759	29196	112	6	34	152	10888	17759	28799	1500	877	0	31.7
								****CREDITABLE SPACE****										
Aug 2015	312	27	137	10935	11412	17678	29090	312	27	137	477	10935	17678	29090	1500	842	0	31.3
Sep 2015	337	77	179	11381	11974	17467	29440	337	77	179	593	11381	17467	29440	2270	647	0	30.9
Oct 2015	389	143	195	11661	12388	17317	29705	389	143	195	727	11661	17317	29705	3040	476	0	30.8
Nov 2015	436	166	188	11719	12509	17205	29714	436	166	188	790	11719	17205	29714	3810	619	0	30.6

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2160

Processed On: 12/9/2013 12:10:19PM

January 24-Month Study
Date: January 13, 2014

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

Reservoir	December Inflow (unregulated) (acre-feet)	Percent of Average (%)	January 12 Midnight Elevation (feet)	Reservoir Storage (acre-feet)
Fontenelle	30,000	94	6482.91	183,000
Flaming Gorge	32,000	91	6015.89	2,837,000
Blue Mesa	25,000	98	7462.14	385,000
Navajo	25,000	100	6025.54	964,000
Powell	294,000	81	3582.15	10,125,000

Expected Operations

The operation of Lake Powell and Lake Mead in this January 2014 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines), and reflects the 2014 Annual Operating Plan (AOP). Pursuant to the Interim Guidelines, the August 2013 24-Month Study projections of the January 1, 2014, system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2014.

Consistent with Section 6.C.1 of the Interim Guidelines, the Lake Powell operational tier for water year 2014 is the Mid-Elevation Release Tier with an annual release volume of 7.48 maf. .

Consistent with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar year 2014.

The Interim Guidelines are available for download at
http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The 2014 AOP is available for download at
http://www.usbr.gov/lc/region/g4000/aop/AOP14.pdf.

Fontenelle Reservoir – Inflows to Fontenelle Reservoir for the month of December were 30,000 acre-feet (AF), or 94 percent of average. The reservoir elevation is 6483.64 feet, 54 percent of live capacity. Inflows are averaging 400 cubic feet per second (cfs). Fontenelle releases are currently at 990 cfs and are expected to remain at that level for the remainder of the winter.

Inflows for the next three months are projected to be below average: with January, February and March forecasted inflow volumes at 27,000 AF (89% of average), 25,000 AF (90% of average), and 44,000 AF (84% of average), respectively.

The next Fontenelle Working Group meeting is scheduled for April 23, 2014, at 10:00 am at the Seedskadee National Wildlife Refuge. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir.

Flaming Gorge Reservoir – Unregulated inflow into Flaming Gorge Reservoir during the month of December was 32,000 acre-feet (AF), or 91 percent of average. The reservoir elevation is 6015 feet. Observed inflows are averaging 300 cubic feet per second (cfs).

Flaming Gorge releases are currently 800 cfs steady minimum releases and are anticipated to remain at this level through winter until spring runoff beings sometime in May or June 2014. The reservoir elevation is projected to reach 6015 feet remain close to that level through the winter before increasing to a peak elevation next year of approximately 6021 feet.

Inflows for the next three months are projected to be below average: with January, February and March forecasted inflow volumes at 34,000 AF (84% of average), 36,000 AF (81% of average), and 8835,000 AF (86% of average), respectively.

The next Flaming Gorge Working Group meeting is scheduled for April 24, 2014, at 11:00 a.m. to be held in the Utah Department of Natural Resources building in Vernal, Utah. The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stake holders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations and plans presented by Reclamation at these meetings. Meeting notes from past Working Group meetings are posted on the Working Group webpage. For more information on this group and these meetings please contact Ed Vidmar at 801-379-1182.

Aspinall Unit Reservoirs – December unregulated inflow into Blue Mesa Reservoir was 25,000 acre-feet or 98 percent of average. Precipitation during December was observed to be about 85 percent of average. The Gunnison River basin snowpack as of January 9th was averaging about 101 percent. The current inflow rate into Blue Mesa Reservoir is about 350 cfs while reservoir releases are averaging about 225 cfs. The present reservoir elevation is 7461.9 feet, which corresponds to a storage content of about 383,000 acre-feet.

Releases from Crystal Dam have been kept at just about minimum flow of 315 cfs since the end of irrigation season because of drought conditions. Reservoir releases will most likely remain at these levels since Blue Mesa Reservoir content is extremely low.

The first Water Supply Forecast for Water Year 2014 has been issued and the April through July unregulated inflow is forecasted to be at 660,000 acre-feet (98% of average). Based on this forecast, Blue Mesa Reservoir is not projected to fill by the end of this 2014 runoff season.

The next meeting of the "Aspinall Unit Working Group" will be held on Thursday January 23rd in the Montrose, Colorado, starting at 1:00 PM. At this meeting, review of last summer and fall reservoir operations, and plans for this winter and next spring 2014 operations will be discussed. These meetings are open forum discussions on the Aspinall Unit reservoir operations with many interested groups participating. Anyone needing further information about these meetings should contact Erik Knight in the Grand Junction Area Office at (970) 248-0629.

Navajo Reservoir – Reclamation has been releasing 250 cfs from Navajo Reservoir since September 24th, 2013. Releases are made for the authorized purposes of the Navajo Unit, and to attempt to maintain a target base flow through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell). The San Juan River Basin Recovery Implementation Program recommends a target base flow of between 500 cfs and 1,000 cfs through the critical habitat area. The target base flow is calculated as the weekly average of gaged flows throughout the critical habitat area.

Navajo was at 6025.59 ft of pool elevation and 964,959 acre-ft of storage by the end of December, which was 72% of average for the end of the month. Modified unregulated inflow was 24,984 acre-ft, which was 100% of average for December. Calculated evaporation for the month was 482 acre-ft. An average release of 250 cfs was maintained from the auxiliary outlet works throughout all of December. Navajo Reservoir recorded 0.38 inches of liquid precipitation (36% of average).

As of January 6th, the release at Navajo is 250 cfs, and the observed inflow is 306 cfs. The reservoir elevation is 6025.6 ft and the content is 965,056 acre-ft, or 57% full (29% of Active). The San Juan River at Four Corners USGS gage is at 598 cfs and the Animas River at Farmington USGS gage is at 272 cfs. SNOTEL sites above Navajo are showing 7.8 inches of snow water equivalent (SWE), which is 87% of average (1987-present).

The most probable modified-unregulated inflow forecast for January at Navajo is 26,000 acre-ft (106% of average), for February is 26,000 acre-ft (86% of average), and for March is 85,000 acre-ft (91% of average). The April-July total inflow forecasts are as follows: Min Probable: 480,000 acre-ft (65% of average), Most Probable: 690,000 acre-ft (93% of average), Max Probable: 990,000 acre-ft (133% of average). Modified unregulated inflow is defined as the predicted hydrologic inflow volume into Navajo plus the change in storage at Vallecito Reservoir and the San-Juan Chama diversion volume.

The next coordination meeting for the operation of the Navajo Unit will be on Tuesday, January 21, 2014, from 1:00-3:00 p.m. It will be held at the Farmington Civic Center, 200 West Arrington, in Farmington, New Mexico. These meetings are open forum discussions on the operation of Navajo Reservoir with many interested groups participating. Anyone interested in the general operation of the reservoir is encouraged to attend. Please contact Ryan Christianson in Reclamation's Durango, Colorado Office at (970) 385-6590 for information about these meetings or the daily operation of Navajo Reservoir.

Glen Canyon Dam / Lake Powell –

Current Status

The unregulated inflow volume to Lake Powell in December was 294 thousand acre-feet (kaf) (81% of average). The release volume from Glen Canyon Dam in December was 601 kaf. The end of December elevation and storage of Lake Powell were 3584.4 feet (115.6 feet from full pool) and 10.16 million acre-feet (maf) (42% of full capacity), respectively. The reservoir elevation is now declining and will continue to decline through the winter until spring runoff. Snowpack is currently about 96% of median for this time of year.

Current Operations

The operating tier for water year 2014 is the Mid-Elevation Release Tier with an annual release volume of 7.48 maf, as established in August 2013 and pursuant to the Interim Guidelines, Section 6.C.1. Reclamation will schedule operations at Glen Canyon Dam to achieve as practicably as possible a 7.48 maf annual release volume by September 30, 2014.

In January, the release volume will likely be about 800 kaf, with fluctuations from about 8,500 cfs in the nighttime to about 16,500 cfs in the daytime and consistent with the Glen Canyon Operating Criteria (Federal Register, Volume 62, No. 41, March 3, 1997). In February, the release volume will likely be about 600 kaf with daily fluctuations for hydropower.

In addition to daily scheduled fluctuations for power generation, the instantaneous releases from Glen Canyon Dam may also fluctuate to provide 40 MW of system regulation. These instantaneous release adjustments stabilize the electrical generation

and transmission system and translate to a range of about 1,200 cfs above or below the hourly scheduled release rate. Under system normal conditions, fluctuations for regulation are typically short lived and generally balance out over the hour with minimal or no noticeable impacts on downstream river flow conditions.

Releases from Glen Canyon Dam can also fluctuate beyond scheduled fluctuations for power generation when called upon as a partner that shares reserve requirements within the electrical generator community (i.e. balancing area). Reserves provide system reliability in the event of an unscheduled outage. Glen Canyon Dam typically maintains 41 MW of reserves (approximately 1,200 cfs). Reserve calls can be maintained for a maximum of 2 hours after which time the generation rate should be returned to the original schedule. If reserves from Glen Canyon Dam are called upon, releases from the dam can exceed scheduled levels and can have a noticeable impact on the river downstream from Glen Canyon Dam. Calls for reserves are fairly infrequent and typically are for much less than 41 MW.

Inflow Forecasts and Model Projections

The forecast for the 2014 April to July water supply season for Lake Powell, issued by the Colorado Basin River Forecast Center, projects that the most probable (median) unregulated inflow volume will be 6.81 maf (95% of average based on the period 1981-2010). The water year 2014 forecast increased by 560 kaf since last month. The winter snow accumulation season has started off near average (currently 96% of median), however, at this early point in the season, there is still significant uncertainty regarding the final snowpack and resulting runoff. The April-July forecast ranges from a minimum probable of 4.0 maf (56% of average) to a maximum probable of 10.2 maf (142% of average). (For reference, the 30-year April-July average is 7.16 maf.) There is a 10 percent chance that inflows could be higher than the maximum probable and a 10 percent chance they could be lower than the minimum probable.

Based on the current forecast, the January 24-Month study projects Lake Powell elevation will peak near approximately 3,608 ft next summer and end the water year near 3,603 feet with approximately 12.04 maf in storage (50% capacity). Note that projections of elevation and storage have significant uncertainty at this point in the season, primarily due to uncertainty regarding the season's total snowpack and the resulting inflow to Lake Powell. Under the minimum probable inflow scenario, updated in January, the projected summer peak is 3,592 ft and end of water year storage is 9.7 maf (40% capacity). Under the maximum probable inflow scenario, updated in January, the projected summer peak is 3,631 ft and end of water year storage is 15.0 maf (62% capacity). There is a 10 percent chance that inflows will be higher, resulting in higher elevation and storage, and 10 percent chance that inflows will be lower, resulting in lower elevation and storage. The minimum and maximum probable model runs will be updated again in April. The annual release volume from Lake Powell during water year 2014 is projected to be 7.48 maf under all inflow scenarios.

Consistent with Section 6.C.1 of the Interim Guidelines, the Lake Powell operational tier for water year 2014 is the Mid-Elevation Release Tier with an annual release volume of

7.48 maf. This was determined in the August 2013 24-Month study tier determination run and documented in the 2014 Annual Operating Plan signed by Secretary Jewell in December 2013.

Upper Colorado River Basin Hydrology

The Upper Colorado River Basin regularly experiences significant year to year hydrologic variability. During the 14-year period 2000 to 2013, however, the unregulated inflow to Lake Powell, which is a good measure of hydrologic conditions in the Colorado River Basin, was above average in only 3 out of the past 14 years. The period 2000-2014 is the lowest 14-year period since the closure of Glen Canyon Dam in 1963, with an average unregulated inflow of 8.25 maf, or 76% of the 30-year average (1981-2010). (For comparison, the 1981-2010 total water year average is 10.83maf.) The unregulated inflow during the 2000-2013 period has ranged from a low of 2.64 maf (24% of average) in water year 2002 to a high of 15.97 maf (147% of average) in water year 2011. Under the current forecast, total water year 2014 inflows to Lake Powell are expected to range between a minimum probable of 6.9 maf (64% of average) and a maximum probable of 14.1 maf (130% of average) with a most probable projection of 10.09 maf (93% of average).

At the beginning of water year 2014, total system storage in the Colorado River Basin was 29.9 maf (50% of 59.6 maf total system capacity). This is about 4 maf less than the total storage at the beginning of water year 2013 which began at 34.0 maf (57% of capacity). Since the beginning of water year 2000, total Colorado Basin storage has experienced year to year increases and decreases in response to wet and dry hydrology, ranging from a high of 94% of capacity at the beginning of 2000 to a low of 50% of capacity at the beginning of water year 2014. One wet year can significantly increase total system reservoir storage, just as persistent dry years can draw down the system storage. Based on current inflow forecasts, the current projected end of water year 2014 total Colorado Basin reservoir storage is approximately 29.9 maf (50% of capacity). The actual end of water year storage may vary significantly from this projection, primarily due to uncertainty regarding next season's snowpack and resulting runoff. Based on January minimum and maximum probable inflow forecasts and modeling the range is approximately 26.9 maf (45%) to 33.6 maf (56%), respectively

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-430
125 SOUTH STATE STREET, ROOM 6107
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-3709

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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:			Obs		dec	Forecast		Outlook		
:	sep	oct	nov	dec	%Avg	jan	feb	mar	apr-jul	%Avg
GLDA3:Lake Powell	857	549	460	294	81%:	300/	330/	600/	6810/:	95%
GBRW4:Fontenelle	47	53	41	30	94%:	27/	25/	44/	655/:	90%
GRNU1:Flaming Gorge	67	68	41	32	91%:	34/	36/	88/	825/:	84%
BMDC2:Blue Mesa	57	48	33	25	98%:	22/	20/	32/	660/:	98%
MPSC2:Morrow Point	58	50	34	26	94%:	23/	22/	35/	720/:	97%
CLSC2:Crystal	63	55	40	30	93%:	27/	26/	41/	810/:	97%
TPIC2:Taylor Park	7.9	7.1	4.8	4.6	98%:	3.9/	3.2/	3.5/	97/:	98%
VCRC2:Vallecito	45	17.9	10.0	6.4	101%:	5.8/	4.8/	9.5/	205/:	106%
NVRN5:Navajo	151	57	35	25	100%:	23/	26/	85/	690/:	94%
LEMC2:Lemon	9.7	3.0	1.68	1.22	111%:	0.9/	0.7/	1.4/	57/:	104%
MPHC2:McPhee	27	11.5	6.9	4.4	99%:	3.9/	4/	17/	310/:	105%
RBSC2:Ridgway	14.9	10.1	6.3	4.7	105%:	4.1/	3.6/	5.8/	97/:	96%

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

January 2014 24-Month Study

Most Probable Inflow*

Fontenelle Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jan 2013	23	1	53	0	53	6479.94	166
H	Feb 2013	23	0	48	0	48	6475.03	141
I	Mar 2013	41	0	52	0	52	6472.41	129
S	Apr 2013	51	1	51	0	51	6472.25	128
T	May 2013	108	1	51	0	51	6483.26	185
O	Jun 2013	91	2	47	0	48	6489.79	226
R	Jul 2013	67	2	48	0	48	6492.28	243
I	Aug 2013	32	2	43	0	43	6490.28	229
C	Sep 2013	47	2	42	0	42	6490.87	233
	WY 2013	**575**	**14**	**534**	**57**	**591**		
A	Oct 2013	53	1	19	24	43	6492.11	241
L	Nov 2013	41	1	51	4	55	6489.91	226
*	Dec 2013	30	1	61	0	61	6485.02	195
	Jan 2014	27	1	63	0	63	6478.64	160
	Feb 2014	25	0	55	0	55	6472.30	129
	Mar 2014	44	0	61	0	61	6468.25	112
	Apr 2014	70	1	65	0	65	6469.21	116
	May 2014	140	1	80	0	80	6481.40	175
	Jun 2014	290	2	103	60	162	6500.18	300
	Jul 2014	155	3	101	10	111	6505.53	342
	Aug 2014	65	2	74	0	74	6504.13	331
	Sep 2014	42	2	36	35	71	6500.09	300
	WY 2014	**982**	**15**	**768**	**133**	**901**		
	Oct 2014	46	1	71	0	71	6496.56	274
	Nov 2014	41	1	68	0	68	6492.56	245
	Dec 2014	32	1	71	0	71	6486.59	206
	Jan 2015	30	1	71	0	71	6479.67	165
	Feb 2015	28	0	64	0	64	6472.10	128
	Mar 2015	53	0	71	0	71	6467.73	110
	Apr 2015	85	1	71	0	71	6470.94	123
	May 2015	164	1	99	5	105	6482.53	181
	Jun 2015	299	2	103	76	179	6500.09	300
	Jul 2015	178	3	101	30	131	6505.76	344
	Aug 2015	77	2	80	0	80	6505.04	338
	Sep 2015	46	2	36	30	65	6502.30	317
	WY 2015	**1078**	**15**	**905**	**141**	**1046**		
	Oct 2015	49	1	68	0	68	6499.66	296
	Nov 2015	42	1	65	0	65	6496.37	272
	Dec 2015	32	1	68	0	68	6491.18	236

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2161

Processed On: 1/9/2014 4:30:58PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

January 2014 24-Month Study

Most Probable Inflow*

Flaming Gorge Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	Jan 2013	24	53	2	74	0	74	120	6020.03	2981	79
H	Feb 2013	30	55	2	67	0	67	119	6019.65	2967	95
I	Mar 2013	64	76	3	53	0	53	120	6020.19	2986	105
S	Apr 2013	69	69	5	50	0	50	121	6020.57	3000	149
T	May 2013	135	77	7	67	0	67	121	6020.65	3003	440
O	Jun 2013	91	48	10	135	3	138	117	6017.91	2906	366
R	Jul 2013	66	47	12	68	0	68	116	6016.99	2875	99
I	Aug 2013	22	33	11	68	0	68	114	6015.71	2831	87
C	Sep 2013	67	62	10	66	0	66	113	6015.33	2818	95
	WY 2013	**657**	**673**	**73**	**818**	**3**	**821**				**1744**
A	Oct 2013	68	58	6	51	0	51	113	6015.35	2819	108
L	Nov 2013	41	55	3	48	0	48	114	6015.47	2823	96
*	Dec 2013	32	62	2	49	0	49	114	6015.79	2834	403
	Jan 2014	34	70	2	49	0	49	115	6016.33	2852	49
	Feb 2014	36	66	2	44	0	44	116	6016.88	2871	44
	Mar 2014	88	105	3	49	0	49	118	6018.35	2922	49
	Apr 2014	110	105	5	48	0	48	120	6019.81	2973	48
	May 2014	205	145	7	103	0	103	121	6020.75	3006	103
	Jun 2014	340	212	10	166	0	166	122	6021.73	3041	166
	Jul 2014	170	126	13	68	0	68	124	6022.94	3085	68
	Aug 2014	75	84	12	68	0	68	124	6023.05	3089	68
	Sep 2014	50	79	11	65	0	65	124	6023.13	3092	65
	WY 2014	**1248**	**1168**	**75**	**808**	**0**	**808**				**1268**
	Oct 2014	55	80	7	68	0	68	125	6023.28	3097	68
	Nov 2014	50	77	3	65	0	65	125	6023.50	3105	65
	Dec 2014	35	74	2	68	0	68	125	6023.61	3109	68
	Jan 2015	40	81	2	68	0	68	126	6023.91	3120	68
	Feb 2015	45	81	2	61	0	61	126	6024.37	3137	61
	Mar 2015	102	120	3	68	0	68	128	6025.67	3185	68
	Apr 2015	134	119	5	65	0	65	130	6026.94	3232	65
	May 2015	245	186	8	117	0	117	132	6028.50	3292	117
	Jun 2015	390	269	11	158	0	158	136	6031.02	3388	158
	Jul 2015	210	163	14	98	0	98	138	6032.27	3437	98
	Aug 2015	89	92	13	98	0	98	137	6031.80	3419	98
	Sep 2015	55	75	11	95	0	95	136	6031.01	3388	95
	WY 2015	**1449**	**1417**	**80**	**1029**	**0**	**1029**				**1029**
	Oct 2015	59	78	7	98	0	98	135	6030.32	3361	98
	Nov 2015	51	74	4	95	0	95	134	6029.72	3338	95
	Dec 2015	35	71	2	98	0	98	133	6028.97	3310	98

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

January 2014 24-Month Study

Most Probable Inflow*

Taylor Park Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jan 2013	3	3	9301.07	57
H	Feb 2013	3	3	9301.01	57
I	Mar 2013	3	3	9301.27	57
S	Apr 2013	6	4	9302.94	59
T	May 2013	21	7	9312.29	74
O	Jun 2013	26	12	9320.43	88
R	Jul 2013	9	15	9316.95	81
I	Aug 2013	7	15	9312.37	74
C	Sep 2013	8	12	9309.95	70
	WY 2013	**97**	**83**		
A	Oct 2013	7	6	9310.82	71
L	Nov 2013	5	5	9310.99	71
*	Dec 2013	5	5	9310.93	71
	Jan 2014	4	4	9310.87	71
	Feb 2014	3	4	9310.37	70
	Mar 2014	4	4	9310.06	70
	Apr 2014	7	8	9309.42	69
	May 2014	31	20	9316.08	80
	Jun 2014	42	21	9327.39	101
	Jul 2014	17	22	9324.83	96
	Aug 2014	10	18	9320.30	87
	Sep 2014	7	16	9315.21	78
	WY 2014	**141**	**132**		
	Oct 2014	6	12	9311.88	73
	Nov 2014	5	6	9311.28	72
	Dec 2014	5	6	9310.46	71
	Jan 2015	4	6	9309.42	69
	Feb 2015	4	6	9308.01	67
	Mar 2015	4	6	9306.99	65
	Apr 2015	9	6	9308.78	68
	May 2015	28	18	9315.07	78
	Jun 2015	42	20	9326.88	100
	Jul 2015	20	20	9326.95	100
	Aug 2015	10	20	9321.88	90
	Sep 2015	7	16	9317.11	82
	WY 2015	**145**	**142**		
	Oct 2015	7	12	9314.00	76
	Nov 2015	5	6	9313.47	76
	Dec 2015	5	6	9312.68	74

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

January 2014 24-Month Study

Most Probable Inflow*

Blue Mesa Reservoir

	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jan 2013	16	16	0	15	0	15	7452.77	328
H	Feb 2013	16	16	0	15	0	15	7452.95	329
I	Mar 2013	23	23	0		0	16	7454.12	336
S	Apr 2013	43	41	1	38	0	38	7454.46	338
T	May 2013	133	119	1	58	0	58	7464.34	399
O	Jun 2013	126	111	1	69	0	69	7470.58	440
R	Jul 2013	44	51	1	98	0	98	7463.20	391
I	Aug 2013	46	54	1	89	0	89	7457.29	355
C	Sep 2013	57	61	1	66	0	66	7456.24	348
	WY 2013	**561**	**547**	**6**	**517**	**0**	**532**		
A	Oct 2013	48	47	0	46	0	46	7456.34	349
L	Nov 2013	33	33	0	14	0	14	7459.38	367
*	Dec 2013	25	25	0	11	0	11	7461.56	381
	Jan 2014	22	22	0	20	0	20	7461.95	383
	Feb 2014	20	21	0	11	0	11	7463.47	393
	Mar 2014	32	33	0	15	0	15	7466.13	410
	Apr 2014	74	75	1	25	0	25	7473.47	460
	May 2014	226	215	1	112	0	112	7487.43	562
	Jun 2014	260	239	1	25	0	25	7513.23	774
	Jul 2014	100	105	2	92	0	92	7514.52	786
	Aug 2014	55	64	1	125	0	125	7507.34	723
	Sep 2014	42	51	1	114	0	114	7499.77	659
	WY 2014	**937**	**929**	**8**	**610**	**0**	**610**		
	Oct 2014	41	46	1	66	0	66	7497.31	639
	Nov 2014	32	33	0	36	0	36	7496.93	636
	Dec 2014	26	27	0	82	0	82	7490.00	581
	Jan 2015	24	26	0	67	0	67	7484.61	540
	Feb 2015	22	25	0	61	0	61	7479.66	504
	Mar 2015	36	38	0	32	0	32	7480.37	509
	Apr 2015	77	74	1	42	0	42	7484.63	540
	May 2015	221	211	1	117	0	117	7496.53	633
	Jun 2015	261	239	1	72	0	72	7516.01	799
	Jul 2015	117	117	2	112	0	112	7516.40	802
	Aug 2015	63	73	1	122	0	122	7510.76	752
	Sep 2015	38	47	1	112	0	112	7502.99	686
	WY 2015	**959**	**956**	**9**	**920**	**0**	**920**		
	Oct 2015	38	44	1	66	0	66	7500.22	663
	Nov 2015	31	32	0	36	0	36	7499.71	659
	Dec 2015	26	27	0	104	0	104	7490.00	581

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Most Probable Inflow*

Morrow Point Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jan 2013	17	15	1	16	17	0	17	7144.75	105
H	Feb 2013	17	15	1	15	16	0	16	7144.30	105
I	Mar 2013	24	16	1	17	17	0	17	7144.36	105
S	Apr 2013	49	38	6	44	42	0	42	7146.71	107
T	May 2013	148	58	15	72	67	0	67	7154.02	112
O	Jun 2013	132	69	6	75	75	0	75	7154.39	113
R	Jul 2013	45	98	0	98	99	0	99	7153.53	112
I	Aug 2013	46	89	0	90	89	0	89	7154.91	113
C	Sep 2013	58	66	2	68	69	0	69	7154.20	112
	WY 2013	**596**	**532**	**35**	**567**	**563**	**0**	**563**		
A	Oct 2013	50	46	2	48	47	1	50	7152.26	111
L	Nov 2013	34	14	1	15	0	0	15	7152.65	111
*	Dec 2013	26	11	1	12	0	0	16	7147.65	107
	Jan 2014	23	20	1	21	16	0	16	7153.73	112
	Feb 2014	22	11	2	13	13	0	13	7153.73	112
	Mar 2014	35	15	3	18	18	0	18	7153.73	112
	Apr 2014	84	25	10	35	35	0	35	7153.73	112
	May 2014	250	112	24	136	136	0	136	7153.73	112
	Jun 2014	282	25	22	47	47	0	47	7153.73	112
	Jul 2014	104	92	4	96	96	0	96	7153.73	112
	Aug 2014	58	125	3	128	128	0	128	7153.73	112
	Sep 2014	46	114	4	118	118	0	118	7153.73	112
	WY 2014	**1014**	**610**	**77**	**687**	**653**	**1**	**687**		
	Oct 2014	44	66	3	69	69	0	69	7153.73	112
	Nov 2014	35	36	3	39	39	0	39	7153.73	112
	Dec 2014	28	82	2	84	84	0	84	7153.73	112
	Jan 2015	27	67	2	69	69	0	69	7153.73	112
	Feb 2015	25	61	3	64	64	0	64	7153.73	112
	Mar 2015	40	32	4	36	36	0	36	7153.73	112
	Apr 2015	88	42	11	53	53	0	53	7153.73	112
	May 2015	247	117	26	143	143	0	143	7153.73	112
	Jun 2015	281	72	20	92	92	0	92	7153.73	112
	Jul 2015	123	112	6	118	118	0	118	7153.73	112
	Aug 2015	67	122	3	125	125	0	125	7153.73	112
	Sep 2015	41	112	3	115	115	0	115	7153.73	112
	WY 2015	**1045**	**920**	**86**	**1007**	**1007**	**0**	**1007**		
	Oct 2015	41	66	3	69	69	0	69	7153.73	112
	Nov 2015	33	36	2	38	38	0	38	7153.73	112
	Dec 2015	28	104	2	107	107	0	107	7153.73	112

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Managing Water in the West

January 2014 24-Month Study

Most Probable Inflow*

Crystal Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
*	Jan 2013	20	17	4	21	19	2	21	6747.09	15	0	20
H	Feb 2013	20	16	3	19	10	9	19	6745.57	15	0	19
I	Mar 2013	29	17	5	21	22	0	22	6744.50	15	0	22
S	Apr 2013	55	42	7	49	51	0	51	6738.38	13	33	20
T	May 2013	161	67	13	80	80	0	80	6736.96	13	66	18
O	Jun 2013	144	75	11	86	84	0	84	6744.76	15	65	25
R	Jul 2013	49	99	4	103	101	1	102	6748.24	16	67	41
I	Aug 2013	50	89	3	92	92	1	93	6745.72	15	62	36
C	Sep 2013	63	69	5	74	73	0	73	6746.17	15	48	29
	WY 2013	**660**	**563**	**65**	**628**	**613**	**14**	**627**			**363**	**291**
A	Oct 2013	55	50	5	54	56	0	56	6741.56	14	36	22
L	Nov 2013	40	15	6	21	15	4	19	6748.85	16	0	20
*	Dec 2013	30	16	4	20	20	0	20	6749.68	16	0	21
	Jan 2014	27	16	4	20	19	0	19	6753.04	17	0	19
	Feb 2014	26	13	4	17	17	0	17	6753.04	17	0	17
	Mar 2014	41	18	6	24	24	0	24	6753.04	17	5	19
	Apr 2014	97	35	13	48	48	0	48	6753.04	17	30	18
	May 2014	286	136	36	172	134	38	172	6753.04	17	55	117
	Jun 2014	313	47	31	78	78	0	78	6753.04	17	60	18
	Jul 2014	114	96	10	106	106	0	106	6753.04	17	65	41
	Aug 2014	64	128	6	134	134	0	134	6753.04	17	65	69
	Sep 2014	51	118	5	123	123	0	123	6753.04	17	55	67
	WY 2014	**1144**	**687**	**130**	**817**	**773**	**41**	**815**			**371**	**447**
	Oct 2014	50	69	5	75	75	0	75	6753.04	17	30	45
	Nov 2014	39	39	4	43	43	0	43	6753.04	17	0	43
	Dec 2014	32	84	5	89	89	0	89	6753.04	17	0	89
	Jan 2015	31	69	5	74	74	0	74	6753.04	17	0	74
	Feb 2015	29	64	4	67	67	0	67	6753.04	17	0	67
	Mar 2015	46	36	6	42	42	0	42	6753.04	17	5	37
	Apr 2015	101	53	12	66	66	0	66	6753.04	17	30	36
	May 2015	281	143	34	177	134	43	177	6753.04	17	55	122
	Jun 2015	315	92	34	126	126	0	126	6753.04	17	60	66
	Jul 2015	138	118	14	132	132	0	132	6753.04	17	65	67
	Aug 2015	75	125	8	134	134	0	134	6753.04	17	65	69
	Sep 2015	47	115	6	121	121	0	121	6753.04	17	55	66
	WY 2015	**1184**	**1007**	**139**	**1145**	**1102**	**43**	**1145**			**365**	**780**
	Oct 2015	47	69	6	75	75	0	75	6753.04	17	30	45
	Nov 2015	38	38	5	43	43	0	43	6753.04	17	0	43
	Dec 2015	32	107	5	111	111	0	111	6753.04	17	0	111

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Most Probable Inflow*

Vallecito Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jan 2013	3	0	7629.10	43
H	Feb 2013	3	0	7630.60	46
I	Mar 2013	4	0	7632.64	50
S	Apr 2013	15	1	7639.26	63
T	May 2013	49	31	7647.20	80
O	Jun 2013	19	35	7639.75	64
R	Jul 2013	8	32	7626.95	40
I	Aug 2013	13	26	7617.79	26
C	Sep 2013	45	7	7639.82	64
	WY 2013	**169**	**138**		
A	Oct 2013	18	2	7646.84	80
L	Nov 2013	10	2	7650.16	87
*	Dec 2013	6	2	7651.93	92
	Jan 2014	6	1	7653.78	96
	Feb 2014	5	1	7655.29	100
	Mar 2014	10	3	7657.73	106
	Apr 2014	27	7	7665.00	125
	May 2014	79	79	7664.91	125
	Jun 2014	73	72	7664.87	125
	Jul 2014	26	42	7658.79	109
	Aug 2014	20	38	7651.52	91
	Sep 2014	16	30	7645.62	77
	WY 2014	**295**	**279**		
	Oct 2014	15	17	7644.46	74
	Nov 2014	9	1	7647.85	82
	Dec 2014	6	1	7650.23	88
	Jan 2015	5	1	7652.16	92
	Feb 2015	5	1	7653.81	96
	Mar 2015	9	2	7656.49	103
	Apr 2015	23	3	7664.12	123
	May 2015	71	69	7665.00	125
	Jun 2015	70	70	7664.95	125
	Jul 2015	29	42	7660.01	112
	Aug 2015	20	38	7652.75	94
	Sep 2015	17	30	7647.55	81
	WY 2015	**280**	**272**		
	Oct 2015	16	17	7646.79	79
	Nov 2015	9	1	7649.96	87
	Dec 2015	6	1	7652.05	92

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Most Probable Inflow*

Navajo Reservoir

	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azetea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Farmington Flow (1000 Ac-Ft)
*	Jan 2013	14	0	11	0	0	20	6023.77	947	36
H	Feb 2013	13	0	10	1	0	19	6022.74	938	35
I	Mar 2013	31	1	26	1	6	22	6022.39	934	33
S	Apr 2013	71	7	53	2	21	36	6021.77	928	40
T	May 2013	154	17	118	3	36	17	6028.15	990	93
O	Jun 2013	40	8	46	3	42	33	6024.88	958	50
R	Jul 2013	2	1	25	3	40	51	6017.54	889	53
I	Aug 2013	43	3	53	3	34	41	6014.89	865	54
C	Sep 2013	151	5	110	2	15	25	6022.28	933	90
	WY 2013	**543**	**42**	**472**	**20**	**205**	**349**			**604**
A	Oct 2013	57	3	38	1	4	15	6024.13	951	45
L	Nov 2013	35	1	26	1	0	15	6025.11	960	43
*	Dec 2013	25	0	20	0	0	15	6025.59	965	41
	Jan 2014	23	0	18	0	0	26	6024.77	957	26
	Feb 2014	26	0	22	1	0	28	6024.12	951	28
	Mar 2014	85	1	77	1	2	31	6028.54	994	31
	Apr 2014	180	14	147	2	18	30	6037.98	1091	30
	May 2014	267	34	233	3	33	39	6051.96	1249	39
	Jun 2014	197	26	170	4	48	101	6053.35	1265	101
	Jul 2014	46	4	57	4	53	36	6050.30	1229	36
	Aug 2014	33	1	50	3	46	51	6046.00	1179	51
	Sep 2014	33	0	47	2	26	39	6044.14	1158	39
	WY 2014	**1007**	**84**	**905**	**24**	**229**	**427**			**510**
	Oct 2014	40	0	41	2	7	31	6044.35	1161	31
	Nov 2014	31	0	23	1	0	30	6043.65	1153	30
	Dec 2014	25	0	19	1	0	31	6042.57	1141	31
	Jan 2015	22	0	17	1	0	31	6041.28	1127	31
	Feb 2015	30	0	26	1	0	28	6041.06	1124	28
	Mar 2015	92	2	83	1	2	31	6045.45	1173	31
	Apr 2015	170	14	136	2	18	30	6052.83	1259	30
	May 2015	277	37	237	4	33	39	6065.61	1421	39
	Jun 2015	224	32	191	4	49	101	6068.29	1457	101
	Jul 2015	66	6	72	5	54	38	6066.44	1432	38
	Aug 2015	45	2	61	4	46	53	6063.30	1390	53
	Sep 2015	43	0	55	3	26	42	6062.11	1375	42
	WY 2015	**1065**	**95**	**962**	**27**	**235**	**484**			**484**
	Oct 2015	47	1	47	2	7	31	6062.69	1382	31
	Nov 2015	34	1	25	1	0	30	6062.26	1377	30
	Dec 2015	25	0	20	1	0	31	6061.36	1365	31

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January 2014 24-Month Study

Most Probable Inflow*

Lake Powell

	Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry Gage (1000 Ac-Ft)
*	Jan 2013	168	230	8	801	0	801	3604.42	5028	12177	801
H	Feb 2013	262	300	9	600	0	600	3601.47	5005	11891	595
I	Mar 2013	362	357	14	601	0	601	3598.96	4986	11651	594
S	Apr 2013	355	326	22	551	0	551	3596.53	4967	11422	549
T	May 2013	1122	925	26	602	0	602	3599.44	4989	11697	603
O	Jun 2013	939	907	42	800	0	800	3600.07	4994	11757	806
R	Jul 2013	143	298	49	848	0	848	3594.17	4950	11202	862
I	Aug 2013	273	401	47	801	0	801	3589.64	4917	10788	815
C	Sep 2013	857	802	44	600	0	600	3591.25	4928	10934	607
	WY 2013	**5117**	**5358**	**361**	**8154**	**78**	**8232**				**8264**
A	Oct 2013	549	475	30	481	0	481	3590.88	4926	10900	483
L	Nov 2013	460	419	29	553	127	680	3587.90	4904	10631	695
*	Dec 2013	294	291	23	601	0	601	3584.43	4880	10324	595
	Jan 2014	300	310	7	800	0	800	3579.11	4843	9864	813
	Feb 2014	330	331	7	600	0	600	3576.09	4822	9608	610
	Mar 2014	600	493	12	505	0	505	3575.83	4821	9586	516
	Apr 2014	1050	820	19	500	0	500	3579.12	4843	9865	512
	May 2014	2300	1923	24	513	0	513	3593.58	4946	11148	524
	Jun 2014	2600	2170	42	600	0	600	3608.32	5059	12562	611
	Jul 2014	860	797	53	800	0	800	3607.81	5055	12511	819
	Aug 2014	400	527	52	800	0	800	3604.75	5030	12210	821
	Sep 2014	350	469	48	600	0	600	3603.06	5017	12044	614
	WY 2014	**10093**	**9026**	**347**	**7353**	**127**	**7480**				**7613**
	Oct 2014	464	499	33	600	0	600	3601.78	5007	11921	611
	Nov 2014	450	469	31	600	0	600	3600.22	4995	11771	609
	Dec 2014	363	457	25	800	0	800	3596.62	4968	11430	812
	Jan 2015	361	440	7	800	0	800	3592.95	4941	11090	813
	Feb 2015	393	446	8	650	0	650	3590.80	4925	10893	660
	Mar 2015	665	570	13	650	0	650	3589.85	4918	10807	661
	Apr 2015	1056	844	21	600	0	600	3592.11	4935	11012	612
	May 2015	2343	1942	27	650	0	650	3604.50	5028	12184	661
	Jun 2015	2666	2204	45	800	0	800	3616.95	5129	13442	811
	Jul 2015	1091	1007	56	1000	0	1000	3616.51	5125	13397	1019
	Aug 2015	500	624	55	1050	0	1050	3612.18	5090	12951	1071
	Sep 2015	408	547	50	800	0	800	3609.41	5067	12671	814
	WY 2015	**10760**	**10049**	**372**	**9000**	**0**	**9000**				**9154**
	Oct 2015	512	572	34	600	0	600	3608.83	5063	12613	611
	Nov 2015	473	519	33	600	0	600	3607.77	5054	12507	609
	Dec 2015	363	511	26	800	0	800	3604.81	5031	12215	812

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

January 2014 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Glen Release (1000 Ac-Ft)	Side Inflow Glen to Hoover (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Jan 2013	801	56	35	609	9.9	9	591	899	1122.32	13828
H	Feb 2013	600	68	32	646	11.6	8	644	898	1122.14	13810
I	Mar 2013	601	69	36	987	16.1	15	986	875	1118.59	13465
S	Apr 2013	551	37	44	1103	18.5	20	1102	840	1112.91	12921
T	May 2013	602	28	50	1007	16.4	27	1008	812	1108.36	12495
O	Jun 2013	800	1	59	948	15.9	28	947	798	1105.98	12276
R	Jul 2013	848	113	73	865	14.1	28	858	798	1105.92	12270
I	Aug 2013	801	132	78	808	13.1	27	790	799	1106.13	12289
C	Sep 2013	600	155	64	599	10.1	16	586	804	1106.92	12362
	WY 2013	**8232**	**824**	**612**	**9043**		**224**	**8923**			
A	Oct 2013	481	38	47	733	11.9	20	716	786	1104.04	12099
L	Nov 2013	680	115	47	513	8.6	10	510	800	1106.36	12310
*	Dec 2013	601	41	40	558	9.1	7	556	802	1106.73	12344
	Jan 2014	800	81	33	587	9.6	6	587	818	1109.31	12583
	Feb 2014	600	94	31	687	12.4	8	687	816	1108.99	12553
	Mar 2014	505	77	34	1010	16.4	13	1010	787	1104.13	12107
	Apr 2014	500	80	41	1143	19.2	19	1143	749	1097.60	11522
	May 2014	513	64	46	1035	16.8	32	1035	716	1091.86	11018
	Jun 2014	600	33	55	949	16.0	29	949	692	1087.49	10641
	Jul 2014	800	55	68	906	14.7	32	906	682	1085.82	10499
	Aug 2014	800	109	72	827	13.4	28	827	681	1085.62	10482
	Sep 2014	600	81	59	685	11.5	19	685	676	1084.71	10405
	WY 2014	**7480**	**866**	**573**	**9634**		**223**	**9612**			
	Oct 2014	600	54	43	560	9.1	21	560	678	1085.04	10433
	Nov 2014	600	44	43	561	9.4	12	561	680	1085.35	10459
	Dec 2014	800	99	37	508	8.3	6	508	701	1089.17	10785
	Jan 2015	800	81	31	726	11.8	14	726	708	1090.37	10889
	Feb 2015	650	94	28	695	12.5	16	695	708	1090.40	10892
	Mar 2015	650	77	32	1044	17.0	20	1044	685	1086.37	10546
	Apr 2015	600	80	39	1131	19.0	13	1131	655	1080.76	10074
	May 2015	650	64	44	1018	16.6	23	1018	632	1076.53	9726
	Jun 2015	800	33	52	954	16.0	21	954	620	1074.29	9543
	Jul 2015	1000	55	65	877	14.3	27	877	626	1075.28	9624
	Aug 2015	1050	109	69	842	13.7	22	842	639	1077.88	9836
	Sep 2015	800	81	58	647	10.9	17	647	649	1079.69	9986
	WY 2015	**9000**	**870**	**541**	**9563**		**213**	**9563**			
	Oct 2015	600	54	42	476	7.7	16	476	656	1081.04	10098
	Nov 2015	600	44	42	619	10.4	22	619	654	1080.59	10060
	Dec 2015	800	99	37	507	8.2	17	507	675	1084.39	10378

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

January 2014 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Jan 2013	609	-11	10	510	0	510	8.3	641.20	1650
H	Feb 2013	646	-12	10	609	0	609	11.0	641.78	1665
I	Mar 2013	987	-11	13	956	0	956	15.5	642.06	1673
S	Apr 2013	1103	-20	17	1017	0	1017	17.1	643.87	1723
T	May 2013	1007	-15	22	959	0	959	15.6	644.24	1733
O	Jun 2013	948	-16	26	928	0	928	15.6	643.45	1711
R	Jul 2013	865	-24	26	810	0	810	13.2	643.66	1717
I	Aug 2013	808	-16	23	749	0	749	12.2	644.35	1736
C	Sep 2013	599	-11	18	681	0	681	11.4	640.23	1624
	WY 2013	**9043**	**-158**	**198**	**8669**	**0**	**8669**			
A	Oct 2013	733	-13	15	768	0	768	12.5	637.86	1560
L	Nov 2013	513	4	11	531	0	531	8.9	636.95	1537
*	Dec 2013	558	-10	9	470	0	470	7.6	639.57	1606
	Jan 2014	587	-16	10	510	0	510	8.3	641.50	1658
	Feb 2014	687	-8	10	655	0	655	11.8	642.00	1671
	Mar 2014	1010	-16	13	953	0	953	15.5	643.05	1700
	Apr 2014	1143	-15	17	1113	0	1113	18.7	643.00	1699
	May 2014	1035	-14	22	999	0	999	16.2	643.00	1699
	Jun 2014	949	-12	25	939	0	939	15.8	642.00	1671
	Jul 2014	906	-5	25	889	0	889	14.5	641.50	1658
	Aug 2014	827	-8	23	796	0	796	12.9	641.50	1658
	Sep 2014	685	-1	18	759	0	759	12.8	638.00	1564
	WY 2014	**9634**	**-114**	**197**	**9382**	**0**	**9382**			
	Oct 2014	560	0	15	674	0	674	11.0	633.00	1434
	Nov 2014	561	-16	10	484	0	484	8.1	635.00	1486
	Dec 2014	508	-17	9	385	0	385	6.3	638.71	1583
	Jan 2015	726	-16	10	617	0	617	10.0	641.80	1666
	Feb 2015	695	-8	10	677	0	677	12.2	641.80	1666
	Mar 2015	1044	-16	13	981	0	981	16.0	643.05	1700
	Apr 2015	1131	-15	17	1101	0	1101	18.5	643.00	1699
	May 2015	1018	-14	22	982	0	982	16.0	643.00	1699
	Jun 2015	954	-12	25	943	0	943	15.9	642.00	1671
	Jul 2015	877	-5	25	860	0	860	14.0	641.50	1658
	Aug 2015	842	-8	23	811	0	811	13.2	641.50	1658
	Sep 2015	647	-1	18	721	0	721	12.1	638.00	1564
	WY 2015	**9563**	**-129**	**197**	**9236**	**0**	**9236**			
	Oct 2015	476	0	15	591	0	591	9.6	633.00	1434
	Nov 2015	619	-16	10	542	0	542	9.1	635.00	1486
	Dec 2015	507	-17	9	383	0	383	6.2	638.71	1583

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

January 2014 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	Jan 2013	510	17	6	352	5.7	57	80	448.01	580	143	2.3
H	Feb 2013	609	4	8	444	8.0	7	147	448.13	583	158	2.8
I	Mar 2013	956	7	9	680	11.1	98	180	447.58	572	191	3.1
S	Apr 2013	1017	13	11	765	12.9	84	148	448.35	587	185	3.1
T	May 2013	959	20	13	677	11.0	97	174	448.76	595	98	1.5
O	Jun 2013	928	15	16	688	11.6	104	129	448.45	589	98	1.7
R	Jul 2013	810	27	17	626	10.2	100	80	448.51	590	110	1.8
I	Aug 2013	749	37	17	552	9.0	99	95	449.22	604	109	1.8
C	Sep 2013	681	23	15	486	8.2	91	149	446.96	560	96	1.6
	WY 2013	**8669**	**246**	**141**	**6389**		**780**	**1521**			**1477**	
A	Oct 2013	768	18	12	467	7.6	99	186	447.91	578	70	1.1
L	Nov 2013	531	24	9	314	5.3	77	142	448.37	587	89	1.5
*	Dec 2013	470	8	7	285	4.6	99	138	445.37	531	100	1.6
	Jan 2014	510	16	6	315	5.1	99	89	446.00	543	125	2.0
	Feb 2014	655	10	8	438	7.9	54	144	446.80	557	156	2.8
	Mar 2014	953	17	9	718	11.7	49	184	446.80	557	201	3.3
	Apr 2014	1113	21	11	798	13.4	105	176	448.70	593	212	3.6
	May 2014	999	20	13	703	11.4	108	183	448.70	593	111	1.8
	Jun 2014	939	15	16	691	11.6	105	129	448.70	593	109	1.8
	Jul 2014	889	25	17	709	11.5	99	89	448.00	580	111	1.8
	Aug 2014	796	24	17	614	10.0	99	89	447.50	571	105	1.7
	Sep 2014	759	23	15	550	9.2	96	126	446.81	557	102	1.7
	WY 2014	**9382**	**221**	**139**	**6600**		**1089**	**1676**			**1492**	
	Oct 2014	674	26	12	454	7.4	99	138	446.31	548	65	1.1
	Nov 2014	484	32	8	365	6.1	42	92	446.50	552	99	1.7
	Dec 2014	385	26	6	265	4.3	45	89	446.50	552	105	1.7
	Jan 2015	617	16	6	348	5.7	98	175	446.50	552	125	2.0
	Feb 2015	677	10	8	458	8.3	88	127	446.50	552	156	2.8
	Mar 2015	981	17	9	704	11.5	98	174	446.70	555	201	3.3
	Apr 2015	1101	21	11	801	13.5	95	169	448.70	593	212	3.6
	May 2015	982	20	13	707	11.5	98	172	448.70	593	111	1.8
	Jun 2015	943	15	16	698	11.7	95	136	448.70	593	109	1.8
	Jul 2015	860	25	17	733	11.9	98	38	448.00	580	111	1.8
	Aug 2015	811	24	17	648	10.5	98	69	447.50	571	105	1.7
	Sep 2015	721	23	15	563	9.5	70	101	446.81	557	102	1.7
	WY 2015	**9236**	**256**	**139**	**6744**		**1024**	**1479**			**1500**	
	Oct 2015	591	26	12	460	7.5	24	124	446.31	548	65	1.1
	Nov 2015	542	32	8	385	6.5	24	147	446.50	552	99	1.7
	Dec 2015	383	26	6	282	4.6	24	91	446.50	552	105	1.7

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

January 2014 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Jan 2013	609	9.9	1122.32	13828	192	474.10	1062.0	259.8	59	426.6
H	Feb 2013	646	11.6	1122.14	13810	-18	475.07	1072.0	276.4	59	427.6
I	Mar 2013	987	16.1	1118.59	13465	-346	472.93	1073.0	425.6	59	431.1
S	Apr 2013	1103	18.5	1112.91	12921	-544	463.52	1042.0	467.6	57	423.9
T	May 2013	1007	16.4	1108.36	12495	-426	463.02	1353.0	419.9	75	417.1
O	Jun 2013	948	15.9	1105.98	12276	-219	460.72	1726.0	388.1	97	409.5
R	Jul 2013	865	14.1	1105.92	12270	-5	460.74	1753.0	348.3	100	402.7
I	Aug 2013	808	13.1	1106.13	12289	19	461.35	1737.0	325.9	100	403.4
C	Sep 2013	599	10.1	1106.92	12362	73	464.61	1737.0	242.5	100	405.1
	WY 2013	**9043**							**3770.1**		
A	Oct 2013	733	11.9	1104.04	12099	-263	460.18	1332.0	300.5	77	410.1
L	Nov 2013	513	8.6	1106.36	12310	212	465.65	1179.0	209.8	68	408.7
*	Dec 2013	558	9.1	1106.73	12344	34	463.77	1188.0	230.3	68	412.8
	Jan 2014	587	9.6	1109.31	12583	239	462.18	746.0	246.5	43	419.6
	Feb 2014	687	12.4	1108.99	12553	-30	458.28	1433.0	283.0	81	412.0
	Mar 2014	1010	16.4	1104.13	12107	-446	454.93	1453.0	413.1	84	408.9
	Apr 2014	1143	19.2	1097.60	11522	-585	450.68	1151.0	481.7	68	421.5
	May 2014	1035	16.8	1091.86	11018	-504	443.17	1347.0	415.6	81	401.5
	Jun 2014	949	16.0	1087.49	10641	-377	437.16	1528.0	376.5	93	396.6
	Jul 2014	906	14.7	1085.82	10499	-142	433.93	1628.0	352.1	100	388.6
	Aug 2014	827	13.4	1085.62	10482	-17	433.17	1627.0	324.4	100	392.3
	Sep 2014	685	11.5	1084.71	10405	-77	433.75	1623.0	264.2	100	385.5
	WY 2014	**9634**							**3897.9**		
	Oct 2014	560	9.1	1085.04	10433	28	437.57	1328.0	215.5	82	385.1
	Nov 2014	561	9.4	1085.35	10459	26	440.96	1109.0	220.1	68	392.2
	Dec 2014	508	8.3	1089.17	10785	326	439.09	1436.0	199.9	87	393.1
	Jan 2015	726	11.8	1090.37	10889	104	441.42	1128.0	289.5	68	398.9
	Feb 2015	695	12.5	1090.40	10892	3	441.49	1058.0	280.5	64	403.4
	Mar 2015	1044	17.0	1086.37	10546	-346	437.14	1337.0	413.9	82	396.4
	Apr 2015	1131	19.0	1080.76	10074	-472	433.42	1094.0	457.9	68	404.9
	May 2015	1018	16.6	1076.53	9726	-349	427.25	1269.0	393.7	81	386.5
	Jun 2015	954	16.0	1074.29	9543	-182	423.01	1431.2	359.9	93	377.3
	Jul 2015	877	14.3	1075.28	9624	80	422.17	1539.8	337.5	100	384.9
	Aug 2015	842	13.7	1077.88	9836	212	424.11	1554.5	324.1	100	385.0
	Sep 2015	647	10.9	1079.69	9986	150	427.43	1564.8	244.0	100	377.4
	WY 2015	**9563**							**3736.3**		
	Oct 2015	476	7.7	1081.04	10098	112	433.09	1282.6	184.0	82	386.1
	Nov 2015	619	10.4	1080.59	10060	-37	436.61	1070.7	244.0	68	393.9
	Dec 2015	507	8.2	1084.39	10378	318	434.36	1388.3	197.2	87	389.3

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

January 2014 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Jan 2013	510	8.3	641.20	1650	78	139.33	163.2	63.2	64	123.8
H	Feb 2013	609	11.0	641.78	1665	16	138.67	153.0	76.8	60	126.1
I	Mar 2013	956	15.5	642.06	1673	8	140.26	191.3	120.2	75	125.8
S	Apr 2013	1017	17.1	643.87	1723	49	142.09	252.5	128.5	99	126.3
T	May 2013	959	15.6	644.24	1733	10	143.40	244.8	121.8	96	127.0
O	Jun 2013	928	15.6	643.45	1711	-22	141.69	247.4	116.9	97	126.0
R	Jul 2013	810	13.2	643.66	1717	6	141.93	249.9	102.9	98	127.1
I	Aug 2013	749	12.2	644.35	1736	19	143.01	255.0	92.1	100	122.9
C	Sep 2013	681	11.4	640.23	1624	-112	138.83	255.0	89.1	100	130.8
	WY 2013	**8669**							**1092.0**		
A	Oct 2013	768	12.5	637.86	1560	-63	136.18	196.4	94.7	77	123.3
L	Nov 2013	531	8.9	636.95	1537	-24	137.13	158.1	61.5	62	115.9
*	Dec 2013	470	7.6	639.57	1606	69	136.36	173.4	59.4	68	126.5
	Jan 2014	510	8.3	641.50	1658	52	136.24	163.2	63.9	64	125.4
	Feb 2014	655	11.8	642.00	1671	14	137.12	173.4	82.0	68	125.2
	Mar 2014	953	15.5	643.05	1700	29	135.54	255.0	118.8	100	124.7
	Apr 2014	1113	18.7	643.00	1699	-2	136.07	255.0	138.2	100	124.2
	May 2014	999	16.2	643.00	1699	0	136.04	255.0	124.7	100	124.9
	Jun 2014	939	15.8	642.00	1671	-27	135.51	255.0	117.0	100	124.6
	Jul 2014	889	14.5	641.50	1658	-14	134.73	255.0	110.6	100	124.3
	Aug 2014	796	12.9	641.50	1658	0	134.46	255.0	99.2	100	124.6
	Sep 2014	759	12.8	638.00	1564	-94	132.62	255.0	93.5	100	123.1
	WY 2014	**9382**							**1163.6**		
	Oct 2014	674	11.0	633.00	1434	-130	129.88	196.4	80.8	77	119.9
	Nov 2014	484	8.1	635.00	1486	51	129.62	158.1	57.8	62	119.6
	Dec 2014	385	6.3	638.71	1583	97	132.06	173.4	47.3	68	122.9
	Jan 2015	617	10.0	641.80	1666	83	135.97	163.2	76.8	64	124.5
	Feb 2015	677	12.2	641.80	1666	0	137.17	173.4	84.7	68	125.1
	Mar 2015	981	16.0	643.05	1700	34	135.44	255.0	122.1	100	124.5
	Apr 2015	1101	18.5	643.00	1699	-2	136.07	255.0	136.8	100	124.3
	May 2015	982	16.0	643.00	1699	0	136.04	255.0	122.7	100	125.0
	Jun 2015	943	15.9	642.00	1671	-27	135.51	255.0	117.5	100	124.6
	Jul 2015	860	14.0	641.50	1658	-14	134.73	255.0	107.1	100	124.5
	Aug 2015	811	13.2	641.50	1658	0	134.46	255.0	101.0	100	124.5
	Sep 2015	721	12.1	638.00	1564	-94	132.62	255.0	88.9	100	123.3
	WY 2015	**9236**							**1143.6**		
	Oct 2015	591	9.6	633.00	1434	-130	129.88	196.4	71.2	77	120.4
	Nov 2015	542	9.1	635.00	1486	51	129.62	158.1	64.6	62	119.2
	Dec 2015	383	6.2	638.71	1583	97	132.06	173.4	47.1	68	122.9

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

January 2014 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Jan 2013	352	5.7	448.01	580	30	83.56	102.0	24.4	85	69.4
H	Feb 2013	444	8.0	448.13	583	2	80.52	115.2	31.2	96	70.1
I	Mar 2013	680	11.1	447.58	572	-10	81.73	120.0	46.8	100	68.9
S	Apr 2013	765	12.9	448.35	587	15	82.42	97.2	51.1	81	66.8
T	May 2013	677	11.0	448.76	595	8	80.83	104.4	46.4	87	68.6
O	Jun 2013	688	11.6	448.45	589	-6	82.20	117.6	47.4	98	68.9
R	Jul 2013	626	10.2	448.51	590	1	80.88	120.0	43.4	100	69.3
I	Aug 2013	552	9.0	449.22	604	14	82.71	120.0	37.0	100	67.0
C	Sep 2013	486	8.2	446.96	560	-43	80.66	120.0	34.5	100	71.0
	WY 2013	**6389**							**439.1**		
A	Oct 2013	467	7.6	447.91	578	18	83.28	96.0	31.7	80	67.9
L	Nov 2013	314	5.3	448.37	587	9	82.63	92.4	22.1	77	70.5
*	Dec 2013	285	4.6	445.37	531	-56	80.69	91.2	19.0	76	66.8
	Jan 2014	315	5.1	446.00	543	11	74.53	90.0	20.0	75	63.3
	Feb 2014	438	7.9	446.80	557	15	75.10	92.4	28.6	77	65.2
	Mar 2014	718	11.7	446.80	557	0	75.12	99.6	47.4	83	66.0
	Apr 2014	798	13.4	448.70	593	36	75.13	120.0	52.7	100	66.1
	May 2014	703	11.4	448.70	593	0	76.05	120.0	46.7	100	66.5
	Jun 2014	691	11.6	448.70	593	0	76.05	120.0	45.9	100	66.5
	Jul 2014	709	11.5	448.00	580	-13	75.71	120.0	47.0	100	66.2
	Aug 2014	614	10.0	447.50	571	-9	75.13	120.0	40.2	100	65.5
	Sep 2014	550	9.2	446.81	557	-13	74.55	120.0	35.7	100	64.9
	WY 2014	**6600**							**436.9**		
	Oct 2014	454	7.4	446.31	548	-9	74.77	102.0	29.3	85	64.6
	Nov 2014	365	6.1	446.50	552	3	74.62	102.0	23.3	85	64.0
	Dec 2014	265	4.3	446.50	552	0	74.71	102.0	16.6	85	62.6
	Jan 2015	348	5.7	446.50	552	0	74.71	102.0	22.2	85	63.7
	Feb 2015	458	8.3	446.50	552	0	73.92	120.0	29.4	100	64.2
	Mar 2015	704	11.5	446.70	555	4	74.01	120.0	45.7	100	64.9
	Apr 2015	801	13.5	448.70	593	38	75.08	120.0	52.9	100	66.0
	May 2015	707	11.5	448.70	593	0	76.05	120.0	47.0	100	66.5
	Jun 2015	698	11.7	448.70	593	0	76.05	120.0	46.5	100	66.5
	Jul 2015	733	11.9	448.00	580	-13	75.71	120.0	48.6	100	66.3
	Aug 2015	648	10.5	447.50	571	-9	75.13	120.0	42.5	100	65.6
	Sep 2015	563	9.5	446.81	557	-13	74.55	120.0	36.5	100	65.0
	WY 2015	**6744**							**440.6**		
	Oct 2015	460	7.5	446.31	548	-9	74.77	102.0	29.8	85	64.7
	Nov 2015	385	6.5	446.50	552	3	74.62	102.0	24.7	85	64.1
	Dec 2015	282	4.6	446.50	552	0	74.71	102.0	17.7	85	62.9

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

January 2014 24-Month Study

Most Probable Inflow*

Upper Basin Power

	Date	Glen Canyon 1000 MWHR	Flaming Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Reservoir 1000 MWHR	Fontenelle Reservoir 1000 MWHR
*	Jan 2013	349	28	4	6	2	4
H	Feb 2013	259	25	4	5	1	3
I	Mar 2013	258	20	4	5	2	3
	Winter 2013	**1433**	**121**	**23**	**35**	**12**	**15**
S	Apr 2013	235	19	10	14	8	3
T	May 2013	257	26	15	23	15	3
O	Jun 2013	344	52	18	26	16	3
R	Jul 2013	361	26	26	35	20	3
I	Aug 2013	338	26	23	31	18	3
C	Sep 2013	253	25	17	24	14	3
	Summer 2013	**1789**	**173**	**108**	**153**	**90**	**19**
A	Oct 2013	202	19	12	16	10	1
L	Nov 2013	231	18	3	0	1	4
*	Dec 2013	253	19	3	0	1	5
	Jan 2014	303	18	5	6	3	5
	Feb 2014	227	16	3	5	3	4
	Mar 2014	190	18	4	6	4	4
	Winter 2014	**1406**	**107**	**30**	**33**	**23**	**22**
	Apr 2014	188	17	7	13	8	4
	May 2014	197	37	32	49	23	6
	Jun 2014	237	60	8	17	13	9
	Jul 2014	321	25	29	35	18	10
	Aug 2014	321	25	39	46	23	7
	Sep 2014	240	24	35	42	21	3
	Summer 2014	**1504**	**187**	**149**	**202**	**108**	**38**
	Oct 2014	239	25	20	25	13	6
	Nov 2014	238	24	11	14	7	6
	Dec 2014	315	25	24	30	15	6
	Jan 2015	312	25	20	25	13	5
	Feb 2015	253	22	18	23	12	5
	Mar 2015	252	25	9	13	7	5
	Winter 2015	**1608**	**144**	**101**	**130**	**67**	**33**
	Apr 2015	232	24	12	19	11	5
	May 2015	255	43	35	52	23	7
	Jun 2015	322	58	22	33	22	9
	Jul 2015	408	36	35	42	23	10
	Aug 2015	426	36	38	45	23	8
	Sep 2015	324	35	34	41	21	3
	Summer 2015	**1966**	**232**	**177**	**233**	**123**	**41**
	Oct 2015	241	36	20	25	13	6
	Nov 2015	240	35	11	14	7	6
	Dec 2015	319	36	31	38	19	6

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

January 2014 24-Month Study

Most Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions

Date	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Total KAF	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****EFFECTIVE SPACE****										
Jan 2014	1,064	449	731	13998	16242	15033	31275	1064	449	731	2244	13998	15033	31275	5350	587	0	29.2
Jan 2014	1,064	449	731	13998	16242	15033	31275	456	435	434	1324	13998	15033	30355	5350	587	0	29.2
Feb 2014	1,082	446	739	14458	16726	14794	31520	471	432	441	1344	14458	14794	30597	1500	687	0	28.9
Mar 2014	1,094	437	745	14714	16990	14824	31814	480	423	447	1349	14714	14824	30887	1500	1010	0	28.6
Apr 2014	1,061	419	702	14736	16918	15270	32188	441	406	400	1247	14736	15270	31253	1500	1143	0	28.5
May 2014	1,005	370	605	14457	16438	15855	32293	378	357	283	1019	14457	15855	31331	1500	1035	0	29.7
Jun 2014	913	268	447	13174	14803	16359	31162	276	243	90	609	13174	16359	30143	1500	949	0	31.1
Jul 2014	753	55	431	11760	12998	16736	29734	102	8	21	132	11760	16736	28627	1500	906	0	30.9
								****CREDITABLE SPACE****										
Aug 2014	668	44	467	11811	12989	16878	29868	668	44	467	1178	11811	16878	29868	1500	827	0	30.5
Sep 2014	675	107	517	12112	13410	16895	30305	675	107	517	1298	12112	16895	30305	2270	685	0	30.0
Oct 2014	703	170	538	12278	13688	16972	30660	703	170	538	1410	12278	16972	30660	3040	560	0	29.7
Nov 2014	723	190	535	12401	13850	16944	30794	723	190	535	1449	12401	16944	30794	3810	561	0	29.6
Dec 2014	744	193	543	12551	14031	16918	30949	744	193	543	1480	12551	16918	30949	4580	508	0	29.6
Jan 2015	779	248	555	12892	14474	16592	31066	779	248	555	1582	12892	16592	31066	5350	726	0	29.3
								****EFFECTIVE SPACE****										
Jan 2015	779	248	555	12892	14474	16592	31066	531	248	465	1244	12892	16592	30728	5350	726	0	29.4
Feb 2015	809	289	569	13232	14900	16488	31388	559	289	478	1326	13232	16488	31046	1500	695	0	29.1
Mar 2015	829	326	572	13429	15155	16485	31640	575	326	480	1381	13429	16485	31295	1500	1044	0	28.8
Apr 2015	799	321	523	13515	15158	16831	31990	540	321	428	1289	13515	16831	31636	1500	1131	0	28.7
May 2015	739	289	437	13310	14774	17303	32077	472	289	322	1083	13310	17303	31695	1500	1018	0	29.9
Jun 2015	621	196	275	12138	13231	17651	30882	344	194	123	661	12138	17651	30450	1500	954	0	31.4
Jul 2015	406	31	239	10880	11555	17834	29389	112	5	34	151	10880	17834	28864	1500	877	0	31.5
								****CREDITABLE SPACE****										
Aug 2015	313	27	264	10925	11529	17753	29283	313	27	264	604	10925	17753	29283	1500	842	0	31.1
Sep 2015	337	77	306	11371	12091	17541	29632	337	77	306	720	11371	17541	29632	2270	647	0	30.8
Oct 2015	389	143	321	11651	12505	17391	29897	389	143	321	854	11651	17391	29897	3040	476	0	30.6
Nov 2015	436	166	314	11709	12626	17279	29905	436	166	314	916	11709	17279	29905	3810	619	0	30.5
Dec 2015	484	171	319	11815	12789	17317	30105	484	171	319	973	11815	17317	30105	4580	507	0	30.4

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2161

Processed On: 1/9/2014 4:30:58PM

February 24-Month Study
Date: February 14, 2014

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

Reservoir	January Inflow (unregulated) (acre-feet)	Percent of Average (%)	February 12 Midnight Elevation (feet)	Reservoir Storage (acre-feet)
Fontenelle	29,000	96	6476.95	150,000
Flaming Gorge	33,000	82	6016.31	2,851,000
Blue Mesa	22,000	92	7463.38	392,000
Navajo	19,000	88	6025.31	962,000
Powell	270,000	75	3577.37	9,716,000

Expected Operations

The operation of Lake Powell and Lake Mead in this February 2014 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines), and reflects the 2014 Annual Operating Plan (AOP). Pursuant to the Interim Guidelines, the August 2013 24-Month Study projections of the January 1, 2014, system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2014.

Consistent with Section 6.C.1 of the Interim Guidelines, the Lake Powell operational tier for water year 2014 is the Mid-Elevation Release Tier with an annual release volume of 7.48 maf.

Consistent with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar year 2014.

The Interim Guidelines are available for download at
http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The 2014 AOP is available for download at
http://www.usbr.gov/lc/region/g4000/aop/AOP14.pdf.

Fontenelle Reservoir – Inflows to Fontenelle Reservoir for the month of January were 29,000 acre-feet (AF), or 96 percent of average. The reservoir elevation is 6476.73 feet, 44 percent of live capacity. Inflows are averaging 460 cubic feet per second (cfs). Fontenelle releases are currently at 990 cfs and are expected to remain at that level for the remainder of the winter.

Inflows for the next three months are projected to be below average: with February, March and April forecasted inflow volumes at 25,000 AF (90% of average), 42,000 AF (80% of average), and 72,000 AF (84% of average), respectively. The February final forecast of the April-July inflow volume is 655,000 AF (90% of average).

The next Fontenelle Working Group meeting is scheduled for April 23, 2014, at 10:00 am at the Seedskadee National Wildlife Refuge. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir.

Flaming Gorge Reservoir – Unregulated inflow into Flaming Gorge Reservoir during the month of January was 33,000 acre-feet (AF), or 82 percent of average. The reservoir elevation is 6016 feet. Observed inflows are averaging 1,100 cubic feet per second (cfs).

Flaming Gorge releases are currently 800 cfs steady minimum releases and are anticipated to remain at this level through winter until spring runoff beings sometime in May or June 2014. The reservoir elevation is projected to reach 6016 feet or remain close to that level through the winter before increasing to a peak elevation next year of approximately 6023 feet.

Inflows for the next three months are projected to be below average: with February, March and April forecasted inflow volumes at 36,000 AF (81% of average), 84,000 AF (82% of average), and 115,000 AF (86% of average), respectively. The February final forecast of the April-July unregulated inflow volume into Flaming Gorge Reservoir is 815,000 AF (83% of average).

The next Flaming Gorge Working Group meeting is scheduled for April 24, 2014, at 11:00 a.m. to be held in the Utah Department of Natural Resources building in Vernal, Utah. The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stake holders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations and plans presented by Reclamation at these meetings. Meeting notes from past Working Group meetings are posted on the Working Group webpage. For more information on this group and these meetings please contact Ed Vidmar at 801-379-1182.

Aspinall Unit Reservoirs – January unregulated inflow into Blue Mesa Reservoir was 22,000 acre-feet or 92 percent of average. On February 11th the basin snowpack was averaging 118 percent, which has increased about 14 percent from a month ago. Precipitation during January was about 110 percent of average, while December's

precipitation was recorded at 90 percent of average. The current inflow rate into Blue Mesa Reservoir is about 450 cfs while reservoir releases are averaging about 250 cfs. This past fall and early winter months has seen about average reservoir inflows. Blue Mesa Reservoir current elevation is 7463.32 feet, which corresponds to a storage content of about 392,000 acre-feet. This elevation is about 10.0 feet higher than the elevation was from a year ago.

The Colorado Basin River Forecast Center's February water supply forecast for Blue Mesa for the April to July runoff season is 755,000 acre-feet (112% of average) which is 95,000 acre-feet higher from last month's forecast. Based on this forecast, Blue Mesa Reservoir is projected to fill this runoff season.

Releases from Crystal Dam have been kept at just about minimum flow of 320 cfs since the end of irrigation season because of drought conditions. Reservoir releases will most likely remain at these levels for a while longer, but may increase if the favorable hydrologic conditions persist.

The last meeting of the "Aspinall Unit Working Group" was held on January 23, 2014 in Montrose, Colorado. At this meeting, review of last summer and fall reservoir operations, and plans for this winter and next spring 2014 operations were discussed. These meetings are open forum discussions on the Aspinall Unit reservoir operations with many interested groups participating. For more information about these meetings please contact Erik Knight in the Grand Junction Area Office at (970) 248-0629.

Navajo Reservoir – Reclamation released 250 cfs from Navajo Reservoir from September 24th, 2013 through January 24th 2014. Releases are currently at 300 cfs. Releases are made for the authorized purposes of the Navajo Unit, and to attempt to maintain a target base flow through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell). The San Juan River Basin Recovery Implementation Program recommends a target base flow of between 500 cfs and 1,000 cfs through the critical habitat area. The target base flow is calculated as the weekly average of gaged flows throughout the critical habitat area.

Navajo was at 6025.41 ft of pool elevation and 963,211 acre-ft of storage by the end of January, which was 74% of average for the end of the month. Modified unregulated inflow was 19,275 acre-ft, which was 88% of average for January. Calculated evaporation for the month was 483 acre-ft. An average release of 250 cfs was maintained from the auxiliary outlet works throughout most of January, and increased to 350 at the end of the month. Navajo Reservoir recorded 0.00 inches of liquid precipitation (0% of average).

As of February 4th, the release at Navajo is 300 cfs, and the observed inflow is 249 cfs. The reservoir elevation is 6025.36 ft and the content is 962,725 acre-ft, or 57% full (29% of Active). The San Juan River at Four Corners USGS gage is at 631 cfs and the Animas River at Farmington USGS gage is at 245 cfs. SNOTEL sites above Navajo are showing 10.4 inches of snow water equivalent (SWE), which is 83% of average (1987-present).

The most probable modified-unregulated inflow forecast* for February at Navajo is 23,000 acre-ft (76% of average), for March is 74,000 acre-ft (80% of average), and for April is 150,000 acre-ft (88% of average). The April-July total inflow forecasts are as follows: min probable is 410,000 acre-ft (56% of average), most probable is 660,000 acre-ft (90% of average), and max probable is 950,000 acre-ft (129% of average). Modified unregulated inflow is defined as the predicted hydrologic inflow volume into Navajo plus the change in storage at Vallecito Reservoir and the San-Juan Chama diversion volume.

The most recent coordination meeting for the operation of the Navajo Unit was on Tuesday, January 21, 2014. The next meeting is scheduled for April 22. It will be held at the Farmington Civic Center, 200 West Arrington, in Farmington, New Mexico. These meetings are open forum discussions on the operation of Navajo Reservoir with many interested groups participating. Anyone interested in the general operation of the reservoir is encouraged to attend. Please contact Ryan Christianson in Reclamation's Durango, Colorado Office at (970) 385-6590 for information about these meetings or the daily operation of Navajo Reservoir.

Glen Canyon Dam / Lake Powell

Current Status

The unregulated inflow volume to Lake Powell in January was 270 thousand acre-feet (kaf) (75% of average). The release volume from Glen Canyon Dam in January was 800 kaf. The end of January elevation and storage of Lake Powell were 3578.7 feet (121 feet from full pool) and 9.83 million acre-feet (maf) (40% of full capacity), respectively. The reservoir elevation is now declining and will continue to decline until spring runoff. Snowpack is currently about 111% of median for this time of year.

Current Operations

The operating tier for water year 2014 is the Mid-Elevation Release Tier with an annual release volume of 7.48 maf, as established in August 2013 and pursuant to the Interim Guidelines, Section 6.C.1. Reclamation will schedule operations at Glen Canyon Dam to achieve as practicably as possible a 7.48 maf annual release by September 30, 2014. In February, the release volume will likely be about 600 kaf, with fluctuations from about 8,000 cfs in the nighttime to about 14,000 cfs in the daytime and consistent with the Glen Canyon Operating Criteria (Federal Register, Volume 62, No. 41, March 3, 1997). In March, the release volume will likely be about 505 kaf with daily fluctuations for hydropower.

In addition to daily scheduled fluctuations for power generation, the instantaneous releases from Glen Canyon Dam may also fluctuate to provide 40 MW of system regulation. These instantaneous release adjustments stabilize the electrical generation and transmission system and translate to a range of about 1,200 cfs above or below the hourly scheduled release rate. Under system normal conditions, fluctuations for regulation are typically short lived and generally balance out over the hour with minimal or no noticeable impacts on downstream river flow conditions.

Releases from Glen Canyon Dam can also fluctuate beyond scheduled fluctuations for power generation when called upon as a partner that shares reserve requirements within the electrical generator community (i.e. balancing area). Reserves provide system reliability in the event of an unscheduled outage. Glen Canyon Dam typically maintains 41 MW of reserves (approximately 1,200 cfs). Reserve calls can be maintained for a maximum of 2 hours after which time the generation rate should be returned to the original schedule. If reserves from Glen Canyon Dam are called upon, releases from the dam can exceed scheduled levels and can have a noticeable impact on the river downstream from Glen Canyon Dam. Calls for reserves are fairly infrequent and typically are for much less than 41 MW.

Inflow Forecasts and Model Projections

The forecast for the 2014 April to July water supply season for Lake Powell, issued on Feb 4th by the Colorado Basin River Forecast Center, projects that the most probable (median) unregulated inflow volume will be 7.25 maf (101% of average based on the period 1981-2010). The April-July forecast increased by 440 kaf since last month. The winter snow accumulation season has tracked near average so far (currently 111% of median), however we are currently roughly two-thirds of the way through the snow accumulation season and there is still uncertainty regarding the final snowpack and resulting runoff. The April-July forecast ranges from a minimum probable of 4.75 maf (66% of average) to a maximum probable of 10.3 maf (144% of average). (For reference, the 30-year April-July average is 7.16 maf.) There is a 10 percent chance that inflows could be higher than the maximum probable and a 10 percent chance they could be lower than the minimum probable.

Based on the current forecast, the February 24-Month study projects Lake Powell elevation will peak near approximately 3,611 ft next summer and end the water year near 3,604 feet with approximately 12.16 maf in storage (50% capacity). Note that projections of elevation and storage have significant uncertainty at this point in the season, primarily due to uncertainty regarding the season's total snowpack and the resulting inflow to Lake Powell. Under the minimum probable inflow scenario, updated in January, the projected summer peak is 3,592 ft and end of water year storage is 9.7 maf (40% capacity). Under the maximum probable inflow scenario, updated in January, the projected summer peak is 3,631 ft and end of water year storage is 15.0 maf (62% capacity). There is a 10 percent chance that inflows will be higher, resulting in higher elevation and storage, and 10 percent chance that inflows will be lower, resulting in lower elevation and storage. The minimum and maximum probable model runs will be updated again in April. The annual release volume from Lake Powell during water year 2014 is projected to be 7.48 maf under all inflow scenarios.

Consistent with Section 6.C.1 of the Interim Guidelines, the Lake Powell operational tier for water year 2014 is the Mid-Elevation Release Tier with an annual release volume of 7.48 maf. This was determined in the August 2013 24-Month Study and documented in the 2014 Annual Operating Plan signed by Secretary Jewell in December 2013.

Upper Colorado River Basin Hydrology

The Upper Colorado River Basin regularly experiences significant year to year hydrologic variability. During the 14-year period 2000 to 2013, however, the unregulated inflow to Lake Powell, which is a good measure of hydrologic conditions in the Colorado River Basin, was above average in only 3 out of the past 14 years. The period 2000-2014 is the lowest 14-year period since the closure of Glen Canyon Dam in 1963, with an average unregulated inflow of 8.25 maf, or 76% of the 30-year average (1981-2010). (For comparison, the 1981-2010 total water year average is 10.83maf.) The unregulated inflow during the 2000-2013 period has ranged from a low of 2.64 maf (24% of average) in water year 2002 to a high of 15.97 maf (147% of average) in water year 2011. Under the current forecast, total water year 2014 inflows to Lake Powell are expected to range between a minimum probable of 7.92 maf (73% of average) and a maximum probable of 13.47 maf (124% of average) with a most probable projection of 10.42 maf (96% of average).

At the beginning of water year 2014, total system storage in the Colorado River Basin was 29.9 maf (50% of 59.6 maf total system capacity). This is about 4 maf less than the total storage at the beginning of water year 2013 which began at 34.0 maf (57% of capacity). Since the beginning of water year 2000, total Colorado Basin storage has experienced year to year increases and decreases in response to wet and dry hydrology, ranging from a high of 94% of capacity at the beginning of 2000 to a low of 50% of capacity at the beginning of water year 2014. One wet year can significantly increase total system reservoir storage, just as persistent dry years can draw down the system storage. Based on current inflow forecasts, the current projected end of water year 2014 total Colorado Basin reservoir storage is approximately 30.1 maf (51% of capacity). The actual end of water year storage may vary significantly from this projection, primarily due to uncertainty regarding this season's snowpack and resulting runoff. Based on January minimum and maximum probable inflow forecasts and modeling the range is approximately 26.9 maf (45%) to 33.6 maf (56%), respectively

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-430
125 SOUTH STATE STREET, ROOM 6107
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-3709

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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:	Obs			jan	Forecast		Outlook		
:	oct	nov	dec	jan	%Avg	feb	mar	apr	apr-jul	%Avg
GLDA3:Lake Powell	549	460	294	270	75%:	300/	550/	1050/	7250/:	101%
GBRW4:Fontenelle	53	41	30	29	96%:	25/	42/	72/	655/:	90%
GRNU1:Flaming Gorge	68	41	32	33	82%:	36/	84/	115/	815/:	83%
BMDC2:Blue Mesa	48	33	25	22	90%:	19/	32/	80/	755/:	112%
MPSC2:Morrow Point	50	34	26	24	91%:	21/	35/	91/	825/:	111%
CLSC2:Crystal	55	40	30	27	86%:	25/	41/	103/	925/:	111%
TPIC2:Taylor Park	7.1	4.8	4.6	4.7	110%:	3.7/	3.7/	8/	112/:	113%
VCRC2:Vallecito	17.9	10.0	6.2	5.6	104%:	4.8/	8.5/	26/	205/:	106%
NVRN5:Navajo	57	35	25	19.3	88%:	20/	74/	150/	660/:	90%
LEMC2:Lemon	3.0	1.68	1.22	0.87	99%:	0.7/	1.3/	5.5/	50/:	91%
MPHC2:McPhee	11.5	6.9	4.3	3.3	73%:	3.5/	14/	69/	280/:	95%
RBSC2:Ridgway	10.1	6.3	4.7	4.1	103%:	3.5/	5.6/	10/	97/:	96%

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 2014 24-Month Study

Most Probable Inflow*

Fontenelle Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Feb 2013	23	0	48	0	48	6475.03	141
H	Mar 2013	41	0	52	0	52	6472.41	129
I	Apr 2013	51	1	51	0	51	6472.25	128
S	May 2013	108	1	51	0	51	6483.26	185
T	Jun 2013	91	2	47	0	48	6489.79	226
O	Jul 2013	67	2	48	0	48	6492.28	243
R	Aug 2013	32	2	43	0	43	6490.28	229
I	Sep 2013	47	2	42	0	42	6490.87	233
	WY 2013	**575**	**14**	**534**	**57**	**591**		
C	Oct 2013	53	1	19	24	43	6492.11	241
A	Nov 2013	41	1	51	4	55	6489.91	226
L	Dec 2013	30	1	61	0	61	6485.02	195
*	Jan 2014	29	1	61	0	61	6479.35	163
	Feb 2014	25	0	65	0	65	6470.91	123
	Mar 2014	42	0	61	0	61	6466.22	104
	Apr 2014	72	1	65	0	65	6467.72	110
	May 2014	140	1	80	0	80	6480.32	169
	Jun 2014	285	2	102	60	162	6498.71	289
	Jul 2014	158	3	102	9	111	6504.53	334
	Aug 2014	65	2	74	0	74	6503.12	323
	Sep 2014	42	2	36	35	71	6499.03	292
	WY 2014	**982**	**15**	**777**	**132**	**909**		
	Oct 2014	46	1	71	0	71	6495.46	266
	Nov 2014	41	1	68	0	68	6491.41	237
	Dec 2014	32	1	71	0	71	6485.35	198
	Jan 2015	30	1	71	0	71	6478.15	157
	Feb 2015	28	0	64	0	64	6470.30	120
	Mar 2015	53	0	71	0	71	6465.75	102
	Apr 2015	85	1	71	0	71	6469.11	115
	May 2015	164	1	98	6	105	6481.17	173
	Jun 2015	299	2	102	76	179	6499.06	292
	Jul 2015	178	3	102	29	131	6504.80	336
	Aug 2015	77	2	92	0	92	6502.50	318
	Sep 2015	46	2	37	32	68	6499.31	294
	WY 2015	**1078**	**15**	**917**	**144**	**1061**		
	Oct 2015	49	1	71	0	71	6496.13	270
	Nov 2015	42	1	68	0	68	6492.28	243
	Dec 2015	32	1	71	0	71	6486.29	204
	Jan 2016	30	1	71	0	71	6479.30	163

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2164

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 2014 24-Month Study

Most Probable Inflow*

Flaming Gorge Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	Feb 2013	30	55	2	67	0	67	119	6019.65	2967	95
H	Mar 2013	64	76	3	53	0	53	120	6020.19	2986	105
I	Apr 2013	69	69	5	50	0	50	121	6020.57	3000	149
S	May 2013	135	77	7	67	0	67	121	6020.65	3003	440
T	Jun 2013	91	48	10	135	3	138	117	6017.91	2906	366
O	Jul 2013	66	47	12	68	0	68	116	6016.99	2875	99
R	Aug 2013	22	33	11	68	0	68	114	6015.71	2831	87
I	Sep 2013	67	62	10	66	0	66	113	6015.33	2818	95
	WY 2013	**657**	**673**	**73**	**818**	**3**	**821**				**1744**
C	Oct 2013	68	58	6	51	0	51	113	6015.35	2819	108
A	Nov 2013	41	55	3	48	0	48	114	6015.47	2823	96
L	Dec 2013	32	62	2	49	0	49	114	6015.79	2834	403
*	Jan 2014	33	65	2	49	0	49	115	6016.19	2847	405
	Feb 2014	36	76	2	44	0	44	116	6017.01	2876	44
	Mar 2014	84	103	3	49	0	49	118	6018.43	2924	49
	Apr 2014	115	108	5	48	0	48	120	6019.97	2979	48
	May 2014	195	135	7	103	0	103	121	6020.64	3002	103
	Jun 2014	330	207	10	156	0	156	123	6021.77	3042	156
	Jul 2014	175	128	13	68	0	68	124	6023.02	3088	68
	Aug 2014	75	84	12	68	0	68	124	6023.13	3092	68
	Sep 2014	50	79	11	65	0	65	125	6023.22	3095	65
	WY 2014	**1234**	**1161**	**75**	**798**	**0**	**798**				**1613**
	Oct 2014	55	80	7	68	0	68	125	6023.37	3100	68
	Nov 2014	50	77	3	65	0	65	125	6023.59	3108	65
	Dec 2014	35	74	2	68	0	68	125	6023.70	3112	68
	Jan 2015	40	81	2	68	0	68	126	6024.00	3123	68
	Feb 2015	45	81	2	61	0	61	126	6024.46	3140	61
	Mar 2015	102	120	3	71	0	71	128	6025.68	3185	71
	Apr 2015	134	119	5	68	0	68	130	6026.87	3230	68
	May 2015	245	186	8	119	0	119	132	6028.37	3287	119
	Jun 2015	390	269	10	259	0	259	132	6028.37	3286	259
	Jul 2015	210	163	14	98	0	98	134	6029.66	3336	98
	Aug 2015	89	104	13	98	0	98	134	6029.49	3329	98
	Sep 2015	55	78	11	95	0	95	133	6028.77	3302	95
	WY 2015	**1449**	**1433**	**79**	**1138**	**0**	**1138**				**1138**
	Oct 2015	59	81	7	98	0	98	132	6028.15	3278	98
	Nov 2015	51	77	3	95	0	95	131	6027.61	3258	95
	Dec 2015	35	74	2	98	0	98	130	6026.93	3232	98
	Jan 2016	40	81	2	98	0	98	129	6026.43	3214	98

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Managing Water in the West

February 2014 24-Month Study

Most Probable Inflow*

Taylor Park Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Feb 2013	3	3	9301.01	57
H	Mar 2013	3	3	9301.27	57
I	Apr 2013	6	4	9302.94	59
S	May 2013	21	7	9312.29	74
T	Jun 2013	26	12	9320.43	88
O	Jul 2013	9	15	9316.95	81
R	Aug 2013	7	15	9312.37	74
I	Sep 2013	8	12	9309.95	70
	WY 2013	**97**	**83**		
C	Oct 2013	7	6	9310.82	71
A	Nov 2013	5	5	9310.99	71
L	Dec 2013	5	5	9310.93	71
*	Jan 2014	5	5	9310.93	71
	Feb 2014	4	4	9310.74	71
	Mar 2014	4	4	9310.56	71
	Apr 2014	8	14	9306.71	65
	May 2014	35	24	9313.61	76
	Jun 2014	51	26	9327.29	101
	Jul 2014	18	24	9324.20	95
	Aug 2014	11	20	9319.36	86
	Sep 2014	8	16	9314.80	78
	WY 2014	**160**	**152**		
	Oct 2014	7	12	9311.82	73
	Nov 2014	5	6	9311.36	72
	Dec 2014	5	6	9310.54	71
	Jan 2015	4	6	9309.51	69
	Feb 2015	4	6	9308.10	67
	Mar 2015	4	6	9307.08	65
	Apr 2015	9	6	9308.87	68
	May 2015	28	18	9315.15	78
	Jun 2015	42	20	9326.95	100
	Jul 2015	20	22	9326.00	98
	Aug 2015	10	22	9319.79	87
	Sep 2015	7	16	9314.88	78
	WY 2015	**146**	**146**		
	Oct 2015	7	12	9311.67	73
	Nov 2015	5	6	9311.12	72
	Dec 2015	5	6	9310.30	70
	Jan 2016	4	6	9309.26	69

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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February 2014 24-Month Study

Most Probable Inflow*

Blue Mesa Reservoir

	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Feb 2013	16	16	0	15	0	15	7452.95	329
H	Mar 2013	23	23	0		0	16	7454.12	336
I	Apr 2013	43	41	1	38	0	38	7454.46	338
S	May 2013	133	119	1	58	0	58	7464.34	399
T	Jun 2013	126	111	1	69	0	69	7470.58	440
O	Jul 2013	44	51	1	98	0	98	7463.20	391
R	Aug 2013	46	54	1	89	0	89	7457.29	355
I	Sep 2013	57	61	1	66	0	66	7456.24	348
	WY 2013	**561**	**547**	**6**	**517**	**0**	**532**		
C	Oct 2013	48	47	0	46	0	46	7456.34	349
A	Nov 2013	33	33	0	14	0	14	7459.38	367
L	Dec 2013	25	25	0	11	0	11	7461.56	381
*	Jan 2014	22	22	0	14	0	14	7462.81	389
	Feb 2014	19	19	0	17	0	17	7463.15	391
	Mar 2014	32	32	0	15	0	15	7465.78	408
	Apr 2014	80	86	1	44	0	44	7471.97	449
	May 2014	265	254	1	126	0	126	7489.34	576
	Jun 2014	306	281	1	53	0	53	7516.40	802
	Jul 2014	104	110	2	116	0	116	7515.55	795
	Aug 2014	59	68	1	125	0	125	7508.94	737
	Sep 2014	44	52	1	114	0	114	7501.56	674
	WY 2014	**1037**	**1030**	**8**	**696**	**0**	**696**		
	Oct 2014	42	47	1	70	0	70	7498.72	651
	Nov 2014	33	33	0	40	0	40	7497.89	644
	Dec 2014	26	27	0	90	0	90	7490.00	581
	Jan 2015	24	26	0	79	0	79	7483.01	528
	Feb 2015	22	25	0	49	0	49	7479.66	504
	Mar 2015	36	38	0	32	0	32	7480.37	509
	Apr 2015	77	74	1	42	0	42	7484.64	540
	May 2015	221	211	1	122	0	122	7495.91	628
	Jun 2015	261	239	1	69	0	69	7515.79	797
	Jul 2015	117	119	2	112	0	112	7516.40	803
	Aug 2015	63	75	1	122	0	122	7510.99	754
	Sep 2015	38	47	1	115	0	115	7502.87	685
	WY 2015	**961**	**961**	**9**	**941**	**0**	**941**		
	Oct 2015	38	44	1	71	0	71	7499.49	657
	Nov 2015	31	32	0	41	0	41	7498.36	648
	Dec 2015	26	27	0	93	0	93	7490.00	581
	Jan 2016	24	26	0	79	0	79	7483.00	528

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Managing Water in the West

February 2014 24-Month Study

Most Probable Inflow*

Morrow Point Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Feb 2013	17	15	1	15	16	0	16	7144.30	105
H	Mar 2013	24	16	1	17	17	0	17	7144.36	105
I	Apr 2013	49	38	6	44	42	0	42	7146.71	107
S	May 2013	148	58	15	72	67	0	67	7154.02	112
T	Jun 2013	132	69	6	75	75	0	75	7154.39	113
O	Jul 2013	45	98	0	98	99	0	99	7153.53	112
R	Aug 2013	46	89	0	90	89	0	89	7154.91	113
I	Sep 2013	58	66	2	68	69	0	69	7154.20	112
	WY 2013	**595**	**532**	**35**	**567**	**563**	**0**	**563**		
C	Oct 2013	50	46	2	48	47	1	50	7152.26	111
A	Nov 2013	34	14	1	15	0	0	15	7152.65	111
L	Dec 2013	26	11	1	12	0	0	16	7147.65	107
*	Jan 2014	24	14	2	16	0	0	16	7148.51	108
	Feb 2014	21	17	2	19	15	0	15	7153.73	112
	Mar 2014	35	15	3	18	18	0	18	7153.73	112
	Apr 2014	91	44	11	55	55	0	55	7153.73	112
	May 2014	293	126	28	154	154	0	154	7153.73	112
	Jun 2014	331	53	25	78	78	0	78	7153.73	112
	Jul 2014	110	116	6	122	122	0	122	7153.73	112
	Aug 2014	63	125	4	129	129	0	129	7153.73	112
	Sep 2014	47	114	3	117	117	0	117	7153.73	112
	WY 2014	**1126**	**696**	**88**	**784**	**735**	**1**	**784**		
	Oct 2014	45	70	3	73	73	0	73	7153.73	112
	Nov 2014	35	40	2	42	42	0	42	7153.73	112
	Dec 2014	28	90	2	92	92	0	92	7153.73	112
	Jan 2015	27	79	2	81	81	0	81	7153.73	112
	Feb 2015	25	49	3	52	52	0	52	7153.73	112
	Mar 2015	40	32	4	36	36	0	36	7153.73	112
	Apr 2015	88	42	11	53	53	0	53	7153.73	112
	May 2015	247	122	26	148	148	0	148	7153.73	112
	Jun 2015	281	69	20	89	89	0	89	7153.73	112
	Jul 2015	123	112	6	118	118	0	118	7153.73	112
	Aug 2015	67	122	3	125	125	0	125	7153.73	112
	Sep 2015	41	115	3	118	118	0	118	7153.73	112
	WY 2015	**1046**	**941**	**85**	**1027**	**1027**	**0**	**1027**		
	Oct 2015	41	71	3	74	74	0	74	7153.73	112
	Nov 2015	33	41	2	43	43	0	43	7153.73	112
	Dec 2015	28	93	2	96	96	0	96	7153.73	112
	Jan 2016	27	79	2	81	81	0	81	7153.73	112

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 2014 24-Month Study

Most Probable Inflow*

Crystal Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
*	Feb 2013	20	16	3	19	10	9	19	6745.57	15	0	19
H	Mar 2013	29	17	5	21	22	0	22	6744.50	15	0	22
I	Apr 2013	55	42	7	49	51	0	51	6738.38	13	33	20
S	May 2013	161	67	13	80	80	0	80	6736.96	13	66	18
T	Jun 2013	144	75	11	86	84	0	84	6744.76	15	65	25
O	Jul 2013	49	99	4	103	101	1	102	6748.24	16	67	41
R	Aug 2013	50	89	3	92	92	1	93	6745.72	15	62	36
I	Sep 2013	63	69	5	74	73	0	73	6746.17	15	48	29
	WY 2013	**661**	**563**	**65**	**628**	**614**	**14**	**627**			**363**	**291**
C	Oct 2013	55	50	5	54	56	0	56	6741.56	14	36	22
A	Nov 2013	40	15	6	21	15	4	19	6748.85	16	0	20
L	Dec 2013	30	16	4	20	20	0	20	6749.68	16	0	21
*	Jan 2014	27	16	3	19	6	14	20	6746.01	15	0	20
	Feb 2014	25	15	4	19	17	0	17	6753.04	17	0	17
	Mar 2014	41	18	6	24	24	0	24	6753.04	17	5	19
	Apr 2014	103	55	12	67	67	0	67	6753.04	17	30	37
	May 2014	335	154	42	196	134	62	196	6753.04	17	55	141
	Jun 2014	365	78	34	112	112	0	112	6753.04	17	60	52
	Jul 2014	122	122	12	134	134	0	134	6753.04	17	65	69
	Aug 2014	68	129	5	134	134	0	134	6753.04	17	65	69
	Sep 2014	53	117	6	123	123	0	123	6753.04	17	55	67
	WY 2014	**1265**	**784**	**139**	**923**	**842**	**79**	**921**			**371**	**554**
	Oct 2014	51	73	6	79	79	0	79	6753.04	17	30	49
	Nov 2014	40	42	5	47	47	0	47	6753.04	17	0	47
	Dec 2014	32	92	5	96	96	0	96	6753.04	17	0	96
	Jan 2015	31	81	5	86	86	0	86	6753.04	17	0	86
	Feb 2015	29	52	4	55	55	0	55	6753.04	17	0	55
	Mar 2015	46	36	6	42	42	0	42	6753.04	17	5	37
	Apr 2015	101	53	12	66	66	0	66	6753.04	17	30	36
	May 2015	281	148	34	182	134	48	182	6753.04	17	55	127
	Jun 2015	315	89	34	123	123	0	123	6753.04	17	60	63
	Jul 2015	138	118	14	132	132	0	132	6753.04	17	65	67
	Aug 2015	75	125	8	134	134	0	134	6753.04	17	65	69
	Sep 2015	47	118	6	124	124	0	124	6753.04	17	55	69
	WY 2015	**1186**	**1027**	**140**	**1166**	**1118**	**48**	**1166**			**365**	**801**
	Oct 2015	47	74	6	80	80	0	80	6753.04	17	30	50
	Nov 2015	38	43	5	48	48	0	48	6753.04	17	0	48
	Dec 2015	32	96	5	100	100	0	100	6753.04	17	0	100
	Jan 2016	31	81	5	86	86	0	86	6753.04	17	0	86

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 2014 24-Month Study

Most Probable Inflow*

Vallecito Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Feb 2013	3	0	7630.60	46
H	Mar 2013	4	0	7632.64	50
I	Apr 2013	15	1	7639.26	63
S	May 2013	49	31	7647.20	80
T	Jun 2013	19	35	7639.75	64
O	Jul 2013	8	32	7626.95	40
R	Aug 2013	13	26	7617.79	26
I	Sep 2013	45	7	7639.82	64
	WY 2013	**169**	**138**		
C	Oct 2013	18	2	7646.84	80
A	Nov 2013	10	2	7650.16	87
L	Dec 2013	7	2	7652.32	93
*	Jan 2014	6	2	7653.61	96
	Feb 2014	5	2	7654.81	99
	Mar 2014	9	3	7657.01	104
	Apr 2014	26	5	7665.00	125
	May 2014	84	83	7665.00	125
	Jun 2014	71	71	7664.96	125
	Jul 2014	24	42	7658.09	107
	Aug 2014	19	38	7650.37	88
	Sep 2014	16	30	7644.40	74
	WY 2014	**294**	**280**		
	Oct 2014	15	17	7643.22	71
	Nov 2014	9	2	7646.15	78
	Dec 2014	6	2	7648.05	82
	Jan 2015	5	2	7649.51	86
	Feb 2015	5	2	7650.74	89
	Mar 2015	9	2	7653.42	95
	Apr 2015	23	3	7661.38	116
	May 2015	71	61	7665.00	125
	Jun 2015	70	70	7664.95	125
	Jul 2015	29	42	7660.02	112
	Aug 2015	20	38	7652.75	94
	Sep 2015	17	30	7647.55	81
	WY 2015	**280**	**269**		
	Oct 2015	16	17	7646.79	79
	Nov 2015	9	2	7649.71	86
	Dec 2015	6	2	7651.54	91
	Jan 2016	5	2	7652.95	94

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Managing Water in the West

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Most Probable Inflow*

Navajo Reservoir

	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azetea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Farmington Flow (1000 Ac-Ft)
*	Feb 2013	13	0	10	1	0	19	6022.74	938	35
H	Mar 2013	31	1	26	1	6	22	6022.39	934	33
I	Apr 2013	71	7	53	2	21	36	6021.77	928	40
S	May 2013	154	17	118	3	36	17	6028.15	990	93
T	Jun 2013	40	8	46	3	42	33	6024.88	958	50
O	Jul 2013	2	1	25	3	40	51	6017.54	889	53
R	Aug 2013	43	3	53	3	34	41	6014.89	865	54
I	Sep 2013	151	5	110	2	15	25	6022.28	933	90
	WY 2013	**543**	**42**	**472**	**20**	**205**	**349**			**604**
C	Oct 2013	57	3	38	1	4	15	6024.13	951	45
A	Nov 2013	35	1	26	1	0	16	6025.11	960	43
L	Dec 2013	26	0	21	0	0	16	6025.59	965	39
*	Jan 2014	19	0	16	0	0	17	6025.41	963	36
	Feb 2014	20	0	17	1	0	22	6024.82	957	22
	Mar 2014	74	1	67	1	0	31	6028.37	992	31
	Apr 2014	150	14	115	2	0	30	6036.45	1075	30
	May 2014	280	34	245	3	1	39	6054.35	1278	39
	Jun 2014	192	26	165	4	1	101	6059.11	1337	101
	Jul 2014	38	4	51	4	1	36	6059.89	1346	36
	Aug 2014	31	1	49	4	1	51	6059.41	1340	51
	Sep 2014	33	0	47	3	0	39	6059.73	1344	39
	WY 2014	**956**	**84**	**857**	**25**	**8**	**413**			**513**
	Oct 2014	40	0	41	2	0	31	6060.41	1353	31
	Nov 2014	31	0	24	1	0	30	6059.87	1346	30
	Dec 2014	25	0	21	1	0	31	6059.02	1335	31
	Jan 2015	22	0	18	1	0	31	6057.98	1322	31
	Feb 2015	30	0	27	1	0	28	6057.87	1321	28
	Mar 2015	92	2	83	2	0	31	6061.87	1372	31
	Apr 2015	170	14	136	3	0	30	6069.57	1475	30
	May 2015	277	37	230	4	1	39	6082.40	1661	39
	Jun 2015	224	32	191	5	1	101	6087.75	1745	101
	Jul 2015	66	6	72	6	1	38	6089.44	1772	38
	Aug 2015	45	2	61	5	1	53	6089.63	1775	53
	Sep 2015	43	0	55	4	0	42	6090.21	1784	42
	WY 2015	**1065**	**95**	**960**	**32**	**4**	**484**			**484**
	Oct 2015	47	1	47	2	0	31	6091.05	1798	31
	Nov 2015	34	1	26	1	0	30	6090.73	1793	30
	Dec 2015	25	0	20	1	0	31	6090.05	1782	31
	Jan 2016	22	0	18	1	0	31	6089.23	1769	31

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 2014 24-Month Study

Most Probable Inflow*

Lake Powell

	Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry Gage (1000 Ac-Ft)
*	Feb 2013	262	300	9	600	0	600	3601.47	5005	11891	595
H	Mar 2013	362	357	14	601	0	601	3598.96	4986	11651	594
I	Apr 2013	355	326	22	551	0	551	3596.53	4967	11422	549
S	May 2013	1122	925	26	602	0	602	3599.44	4989	11697	603
T	Jun 2013	939	907	42	800	0	800	3600.07	4994	11757	806
O	Jul 2013	143	298	49	848	0	848	3594.17	4950	11202	862
R	Aug 2013	273	401	47	801	0	801	3589.64	4917	10788	815
I	Sep 2013	857	802	44	600	0	600	3591.25	4928	10934	607
	WY 2013	**5117**	**5358**	**361**	**8154**	**78**	**8232**				**8264**
C	Oct 2013	549	475	30	481	0	481	3590.88	4926	10900	483
A	Nov 2013	460	419	29	553	127	680	3587.90	4904	10631	695
L	Dec 2013	295	291	23	601	0	601	3584.43	4880	10324	595
*	Jan 2014	270	271	7	800	0	800	3578.69	4840	9828	808
	Feb 2014	300	302	7	600	0	600	3575.34	4817	9546	610
	Mar 2014	550	456	12	505	0	505	3574.67	4813	9490	516
	Apr 2014	1050	840	19	500	0	500	3578.21	4837	9787	512
	May 2014	2600	2163	24	513	0	513	3595.14	4957	11293	524
	Jun 2014	2800	2310	43	600	0	600	3611.05	5081	12836	611
	Jul 2014	800	708	54	800	0	800	3609.71	5070	12701	819
	Aug 2014	400	480	53	800	0	800	3606.24	5042	12355	821
	Sep 2014	350	442	48	600	0	600	3604.29	5027	12164	614
	WY 2014	**10424**	**9158**	**349**	**7353**	**127**	**7480**				**7608**
	Oct 2014	464	496	33	600	0	600	3602.98	5017	12037	611
	Nov 2014	450	473	32	600	0	600	3601.46	5005	11890	609
	Dec 2014	363	465	25	800	0	800	3597.96	4978	11556	812
	Jan 2015	361	452	8	800	0	800	3594.44	4952	11227	813
	Feb 2015	393	434	8	650	0	650	3592.19	4935	11020	660
	Mar 2015	665	571	14	650	0	650	3591.24	4928	10934	661
	Apr 2015	1056	829	22	600	0	600	3593.34	4944	11126	612
	May 2015	2343	1917	27	650	0	650	3605.41	5036	12274	661
	Jun 2015	2666	2254	45	800	0	800	3618.25	5140	13578	811
	Jul 2015	1091	954	57	1000	0	1000	3617.33	5132	13483	1019
	Aug 2015	500	578	56	1050	0	1050	3612.61	5093	12995	1071
	Sep 2015	408	524	50	800	0	800	3609.63	5069	12693	814
	WY 2015	**10760**	**9946**	**375**	**9000**	**0**	**9000**				**9154**
	Oct 2015	512	570	34	600	0	600	3609.04	5064	12634	611
	Nov 2015	473	524	33	600	0	600	3608.03	5056	12533	609
	Dec 2015	363	500	26	800	0	800	3604.97	5032	12230	812
	Jan 2016	361	483	8	800	0	800	3601.87	5008	11929	813

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RECLAMATION
Managing Water in the West

February 2014 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Glen Release (1000 Ac-Ft)	Side Inflow Glen to Hoover (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Feb 2013	600	68	32	646	11.6	8	644	898	1122.14	13810
H	Mar 2013	601	69	36	987	16.1	15	986	875	1118.59	13465
I	Apr 2013	551	37	44	1103	18.5	20	1102	840	1112.91	12921
S	May 2013	602	28	50	1007	16.4	27	1008	812	1108.36	12495
T	Jun 2013	800	1	59	948	15.9	28	947	798	1105.98	12276
O	Jul 2013	848	113	73	865	14.1	28	858	798	1105.92	12270
R	Aug 2013	801	132	78	808	13.1	27	791	799	1106.13	12289
I	Sep 2013	600	155	64	599	10.1	16	590	804	1106.92	12362
	WY 2013	**8232**	**824**	**612**	**9043**		**224**	**8927**			
C	Oct 2013	481	38	47	733	11.9	19	718	786	1104.04	12099
A	Nov 2013	680	116	47	513	8.6	12	510	800	1106.36	12310
L	Dec 2013	601	41	40	558	9.1	7	556	802	1106.73	12344
*	Jan 2014	800	44	33	605	9.8	7	604	815	1108.75	12531
	Feb 2014	600	94	31	690	12.4	8	690	812	1108.40	12498
	Mar 2014	505	77	34	1022	16.6	13	1022	783	1103.40	12041
	Apr 2014	500	80	41	1138	19.1	19	1138	745	1096.90	11461
	May 2014	513	64	46	1037	16.9	32	1037	712	1091.13	10955
	Jun 2014	600	33	55	951	16.0	29	951	688	1086.74	10577
	Jul 2014	800	55	68	924	15.0	32	924	677	1084.86	10418
	Aug 2014	800	109	72	832	13.5	28	832	676	1084.61	10397
	Sep 2014	600	81	59	682	11.5	19	682	671	1083.74	10323
	WY 2014	**7480**	**831**	**572**	**9686**		**225**	**9665**			
	Oct 2014	600	54	43	560	9.1	21	560	673	1084.06	10351
	Nov 2014	600	44	43	625	10.5	12	625	671	1083.66	10317
	Dec 2014	800	99	37	574	9.3	6	574	688	1086.79	10581
	Jan 2015	800	81	31	726	11.8	14	726	695	1088.00	10685
	Feb 2015	650	94	28	695	12.5	16	695	695	1088.04	10689
	Mar 2015	650	77	31	1044	17.0	20	1044	672	1083.97	10343
	Apr 2015	600	80	38	1131	19.0	13	1131	642	1078.31	9871
	May 2015	650	64	43	1019	16.6	23	1019	619	1074.04	9523
	Jun 2015	800	33	51	954	16.0	21	954	607	1071.78	9341
	Jul 2015	1000	55	64	877	14.3	27	877	612	1072.78	9422
	Aug 2015	1050	109	69	842	13.7	22	842	626	1075.41	9634
	Sep 2015	800	81	57	647	10.9	17	647	636	1077.25	9785
	WY 2015	**9000**	**870**	**536**	**9695**		**213**	**9695**			
	Oct 2015	600	54	42	477	7.8	16	477	643	1078.61	9896
	Nov 2015	600	44	42	620	10.4	22	620	641	1078.16	9859
	Dec 2015	800	99	36	507	8.2	17	507	661	1081.99	10177
	Jan 2016	800	81	30	639	10.4	7	639	674	1084.28	10369

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 2014 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Feb 2013	646	-12	10	609	0	609	11.0	641.78	1665
H	Mar 2013	987	-11	13	956	0	956	15.5	642.06	1673
I	Apr 2013	1103	-20	17	1017	0	1017	17.1	643.87	1723
S	May 2013	1007	-15	22	959	0	959	15.6	644.24	1733
T	Jun 2013	948	-16	26	928	0	928	15.6	643.45	1711
O	Jul 2013	865	-24	26	810	0	810	13.2	643.66	1717
R	Aug 2013	808	-16	23	749	0	749	12.2	644.35	1736
I	Sep 2013	599	-11	18	681	0	681	11.4	640.23	1624
	WY 2013	**9043**	**-158**	**198**	**8669**	**0**	**8669**			
C	Oct 2013	733	-13	15	768	0	768	12.5	637.86	1560
A	Nov 2013	513	4	11	531	0	531	8.9	636.95	1537
L	Dec 2013	558	-10	9	470	0	470	7.6	639.57	1606
*	Jan 2014	605	-7	10	552	0	552	9.0	640.94	1643
	Feb 2014	690	-8	10	644	0	644	11.6	642.00	1671
	Mar 2014	1022	-16	13	979	0	979	15.9	642.50	1685
	Apr 2014	1138	-15	17	1093	0	1093	18.4	643.00	1699
	May 2014	1037	-14	22	1000	0	1000	16.3	643.00	1699
	Jun 2014	951	-12	25	941	0	941	15.8	642.00	1671
	Jul 2014	924	-5	25	907	0	907	14.8	641.50	1658
	Aug 2014	832	-8	23	801	0	801	13.0	641.50	1658
	Sep 2014	682	-1	18	756	0	756	12.7	638.00	1564
	WY 2014	**9686**	**-106**	**197**	**9442**	**0**	**9442**			
	Oct 2014	560	0	15	675	0	675	11.0	633.00	1434
	Nov 2014	625	-16	10	548	0	548	9.2	635.00	1486
	Dec 2014	574	-17	9	450	0	450	7.3	638.71	1583
	Jan 2015	726	-16	10	617	0	617	10.0	641.80	1666
	Feb 2015	695	-8	10	677	0	677	12.2	641.80	1666
	Mar 2015	1044	-16	13	981	0	981	16.0	643.05	1700
	Apr 2015	1131	-15	17	1101	0	1101	18.5	643.00	1699
	May 2015	1019	-14	22	982	0	982	16.0	643.00	1699
	Jun 2015	954	-12	25	943	0	943	15.9	642.00	1671
	Jul 2015	877	-5	25	861	0	861	14.0	641.50	1658
	Aug 2015	842	-8	23	811	0	811	13.2	641.50	1658
	Sep 2015	647	-1	18	721	0	721	12.1	638.00	1564
	WY 2015	**9695**	**-129**	**197**	**9368**	**0**	**9368**			
	Oct 2015	477	0	15	592	0	592	9.6	633.00	1434
	Nov 2015	620	-16	10	542	0	542	9.1	635.00	1486
	Dec 2015	507	-17	9	383	0	383	6.2	638.71	1583
	Jan 2016	639	-16	10	530	0	530	8.6	641.80	1666

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RECLAMATION
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Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
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	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	Feb 2013	609	4	8	444	8.0	7	147	448.13	583	158	2.8
H	Mar 2013	956	7	9	680	11.1	98	180	447.58	572	191	3.1
I	Apr 2013	1017	13	11	765	12.9	84	148	448.35	587	185	3.1
S	May 2013	959	20	13	677	11.0	97	174	448.76	595	98	1.5
T	Jun 2013	928	15	16	688	11.6	104	129	448.45	589	98	1.7
O	Jul 2013	810	27	17	626	10.2	100	80	448.51	590	110	1.8
R	Aug 2013	749	37	17	552	9.0	99	95	449.22	604	109	1.8
I	Sep 2013	681	23	15	486	8.2	91	149	446.96	560	96	1.6
	WY 2013	**8669**	**246**	**141**	**6389**		**780**	**1521**			**1477**	
C	Oct 2013	768	19	12	467	7.6	99	186	447.91	578	70	1.1
A	Nov 2013	531	23	9	314	5.3	77	142	448.37	587	89	1.5
L	Dec 2013	470	8	7	285	4.6	99	138	445.37	531	100	1.6
*	Jan 2014	552	13	6	353	5.7	101	84	446.23	547	132	2.1
	Feb 2014	644	10	8	430	7.7	51	144	447.00	561	161	2.9
	Mar 2014	979	17	9	720	11.7	65	184	447.50	570	205	3.3
	Apr 2014	1093	21	11	791	13.3	105	176	448.70	593	205	3.4
	May 2014	1000	20	13	704	11.5	108	183	448.70	593	113	1.8
	Jun 2014	941	15	16	693	11.6	105	129	448.70	593	111	1.9
	Jul 2014	907	25	17	718	11.7	108	90	448.00	580	119	1.9
	Aug 2014	801	24	17	609	9.9	108	89	447.50	571	100	1.6
	Sep 2014	756	23	15	538	9.0	105	126	446.81	557	89	1.5
	WY 2014	**9442**	**217**	**139**	**6621**		**1130**	**1671**			**1495**	
	Oct 2014	675	26	12	445	7.2	108	138	446.31	548	55	0.9
	Nov 2014	548	32	8	369	6.2	105	88	446.50	552	103	1.7
	Dec 2014	450	26	6	268	4.4	108	89	446.50	552	108	1.7
	Jan 2015	617	16	6	348	5.7	98	175	446.50	552	125	2.0
	Feb 2015	677	10	8	458	8.3	88	127	446.50	552	156	2.8
	Mar 2015	981	17	9	704	11.5	98	174	446.70	555	201	3.3
	Apr 2015	1101	21	11	801	13.5	95	169	448.70	593	212	3.6
	May 2015	982	20	13	707	11.5	98	172	448.70	593	111	1.8
	Jun 2015	943	15	16	698	11.7	95	136	448.70	593	109	1.8
	Jul 2015	861	25	17	733	11.9	98	38	448.00	580	111	1.8
	Aug 2015	811	24	17	648	10.5	98	69	447.50	571	105	1.7
	Sep 2015	721	23	15	563	9.5	70	101	446.81	557	102	1.7
	WY 2015	**9368**	**256**	**139**	**6745**		**1159**	**1476**			**1498**	
	Oct 2015	592	26	12	461	7.5	24	124	446.31	548	65	1.1
	Nov 2015	542	32	8	386	6.5	24	147	446.50	552	99	1.7
	Dec 2015	383	26	6	282	4.6	24	91	446.50	552	105	1.7
	Jan 2016	530	16	6	345	5.6	98	92	446.50	552	125	2.0

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 2014 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Feb 2013	646	11.6	1122.14	13810	-18	475.07	1072.0	276.4	59	427.6
H	Mar 2013	987	16.1	1118.59	13465	-346	472.93	1073.0	425.6	59	431.1
I	Apr 2013	1103	18.5	1112.91	12921	-544	463.52	1042.0	467.6	57	423.9
S	May 2013	1007	16.4	1108.36	12495	-426	463.02	1353.0	419.9	75	417.1
T	Jun 2013	948	15.9	1105.98	12276	-219	460.72	1726.0	388.1	97	409.5
O	Jul 2013	865	14.1	1105.92	12270	-5	460.74	1753.0	348.3	100	402.7
R	Aug 2013	808	13.1	1106.13	12289	19	461.35	1737.0	325.9	100	403.4
I	Sep 2013	599	10.1	1106.92	12362	73	464.61	1737.0	242.5	100	405.1
	WY 2013	**9043**							**3770.1**		
C	Oct 2013	733	11.9	1104.04	12099	-263	460.18	1332.0	300.5	77	410.1
A	Nov 2013	513	8.6	1106.36	12310	212	465.65	1179.0	209.8	68	408.7
L	Dec 2013	558	9.1	1106.73	12344	34	463.77	1188.0	230.3	68	412.8
*	Jan 2014	605	9.8	1108.75	12531	186	465.47	746.0	250.9	43	414.5
	Feb 2014	690	12.4	1108.40	12498	-33	457.89	1415.0	284.4	81	412.0
	Mar 2014	1022	16.6	1103.40	12041	-457	454.44	1450.0	418.3	84	409.3
	Apr 2014	1138	19.1	1096.90	11461	-580	450.16	1146.0	479.0	68	420.9
	May 2014	1037	16.9	1091.13	10955	-506	442.47	1341.0	415.7	81	401.0
	Jun 2014	951	16.0	1086.74	10577	-378	436.42	1522.0	376.7	93	396.1
	Jul 2014	924	15.0	1084.86	10418	-159	433.08	1622.0	359.4	100	388.9
	Aug 2014	832	13.5	1084.61	10397	-21	432.19	1621.0	325.8	100	391.7
	Sep 2014	682	11.5	1083.74	10323	-74	432.77	1615.0	262.3	100	384.5
	WY 2014	**9686**							**3913.3**		
	Oct 2014	560	9.1	1084.06	10351	28	436.61	1317.0	215.4	81	384.5
	Nov 2014	625	10.5	1083.66	10317	-34	439.65	1102.0	244.4	68	391.0
	Dec 2014	574	9.3	1086.79	10581	265	437.08	1431.0	221.4	87	385.4
	Jan 2015	726	11.8	1088.00	10685	104	439.04	1128.0	288.0	68	396.9
	Feb 2015	695	12.5	1088.04	10689	4	439.11	1059.0	279.0	64	401.2
	Mar 2015	1044	17.0	1083.97	10343	-346	434.77	1334.0	411.7	82	394.3
	Apr 2015	1131	19.0	1078.31	9871	-471	431.02	1089.0	455.5	68	402.7
	May 2015	1019	16.6	1074.04	9523	-348	424.78	1267.0	391.4	81	384.2
	Jun 2015	954	16.0	1071.78	9341	-182	419.82	1556.0	355.8	100	373.0
	Jul 2015	877	14.3	1072.78	9422	81	419.69	1525.8	335.7	100	382.6
	Aug 2015	842	13.7	1075.41	9634	213	421.65	1540.7	322.3	100	382.8
	Sep 2015	647	10.9	1077.25	9785	150	425.00	1551.0	242.8	100	375.4
	WY 2015	**9695**							**3763.3**		
	Oct 2015	477	7.8	1078.61	9896	112	430.69	1269.5	183.4	81	384.4
	Nov 2015	620	10.4	1078.16	9859	-38	434.21	1059.2	243.0	68	391.9
	Dec 2015	507	8.2	1081.99	10177	318	431.97	1375.9	196.4	87	387.4
	Jan 2016	639	10.4	1084.28	10369	193	434.81	1088.8	250.5	68	392.2

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 2014 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Feb 2013	609	11.0	641.78	1665	16	138.67	153.0	76.8	60	126.1
H	Mar 2013	956	15.5	642.06	1673	8	140.26	191.3	120.2	75	125.8
I	Apr 2013	1017	17.1	643.87	1723	49	142.09	252.5	128.5	99	126.3
S	May 2013	959	15.6	644.24	1733	10	143.40	244.8	121.8	96	127.0
T	Jun 2013	928	15.6	643.45	1711	-22	141.69	247.4	116.9	97	126.0
O	Jul 2013	810	13.2	643.66	1717	6	141.93	249.9	102.9	98	127.1
R	Aug 2013	749	12.2	644.35	1736	19	143.01	255.0	92.1	100	122.9
I	Sep 2013	681	11.4	640.23	1624	-112	138.83	255.0	89.1	100	130.8
	WY 2013	**8669**							**1092.0**		
C	Oct 2013	768	12.5	637.86	1560	-63	136.18	196.4	94.7	77	123.3
A	Nov 2013	531	8.9	636.95	1537	-24	137.13	158.1	61.5	62	115.9
L	Dec 2013	470	7.6	639.57	1606	69	136.36	173.4	59.4	68	126.5
*	Jan 2014	552	9.0	640.94	1643	37	139.11	163.2	68.9	64	124.9
	Feb 2014	644	11.6	642.00	1671	29	136.84	173.4	80.5	68	125.0
	Mar 2014	979	15.9	642.50	1685	14	135.25	255.0	121.8	100	124.3
	Apr 2014	1093	18.4	643.00	1699	14	135.78	255.0	135.6	100	124.1
	May 2014	1000	16.3	643.00	1699	0	136.04	255.0	124.9	100	124.9
	Jun 2014	941	15.8	642.00	1671	-27	135.51	255.0	117.2	100	124.6
	Jul 2014	907	14.8	641.50	1658	-14	134.73	255.0	112.7	100	124.2
	Aug 2014	801	13.0	641.50	1658	0	134.46	255.0	99.8	100	124.6
	Sep 2014	756	12.7	638.00	1564	-94	132.62	255.0	93.1	100	123.1
	WY 2014	**9442**							**1170.1**		
	Oct 2014	675	11.0	633.00	1434	-130	129.88	196.4	80.9	77	119.9
	Nov 2014	548	9.2	635.00	1486	51	129.62	158.1	65.3	62	119.2
	Dec 2014	450	7.3	638.71	1583	97	132.06	173.4	55.2	68	122.5
	Jan 2015	617	10.0	641.80	1666	83	135.97	163.2	76.8	64	124.5
	Feb 2015	677	12.2	641.80	1666	0	137.17	173.4	84.7	68	125.1
	Mar 2015	981	16.0	643.05	1700	34	135.44	255.0	122.1	100	124.5
	Apr 2015	1101	18.5	643.00	1699	-2	136.07	255.0	136.8	100	124.3
	May 2015	982	16.0	643.00	1699	0	136.04	255.0	122.8	100	125.0
	Jun 2015	943	15.9	642.00	1671	-27	135.51	255.0	117.5	100	124.6
	Jul 2015	861	14.0	641.50	1658	-14	134.73	255.0	107.1	100	124.5
	Aug 2015	811	13.2	641.50	1658	0	134.46	255.0	101.0	100	124.5
	Sep 2015	721	12.1	638.00	1564	-94	132.62	255.0	88.9	100	123.3
	WY 2015	**9368**							**1159.2**		
	Oct 2015	592	9.6	633.00	1434	-130	129.88	196.4	71.3	77	120.4
	Nov 2015	542	9.1	635.00	1486	51	129.62	158.1	64.7	62	119.2
	Dec 2015	383	6.2	638.71	1583	97	132.06	173.4	47.1	68	122.9
	Jan 2016	530	8.6	641.80	1666	83	135.97	163.2	66.3	64	125.0

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 2014 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Feb 2013	444	8.0	448.13	583	2	80.52	115.2	31.2	96	70.1
H	Mar 2013	680	11.1	447.58	572	-10	81.73	120.0	46.8	100	68.9
I	Apr 2013	765	12.9	448.35	587	15	82.42	97.2	51.1	81	66.8
S	May 2013	677	11.0	448.76	595	8	80.83	104.4	46.4	87	68.6
T	Jun 2013	688	11.6	448.45	589	-6	82.20	117.6	47.4	98	68.9
O	Jul 2013	626	10.2	448.51	590	1	80.88	120.0	43.4	100	69.3
R	Aug 2013	552	9.0	449.22	604	14	82.71	120.0	37.0	100	67.0
I	Sep 2013	486	8.2	446.96	560	-43	80.66	120.0	34.5	100	71.0
	WY 2013	**6389**							**439.1**		
C	Oct 2013	467	7.6	447.91	578	18	83.28	96.0	31.7	80	67.9
A	Nov 2013	314	5.3	448.37	587	9	82.63	92.4	22.1	77	70.5
L	Dec 2013	285	4.6	445.37	531	-56	80.69	91.2	19.0	76	66.8
*	Jan 2014	353	5.7	446.23	547	16	80.02	90.0	24.2	75	68.4
	Feb 2014	430	7.7	447.00	561	14	75.31	92.4	28.1	77	65.3
	Mar 2014	720	11.7	447.50	570	9	75.56	99.6	47.8	83	66.4
	Apr 2014	791	13.3	448.70	593	23	75.47	120.0	52.4	100	66.3
	May 2014	704	11.5	448.70	593	0	76.05	120.0	46.8	100	66.5
	Jun 2014	693	11.6	448.70	593	0	76.05	120.0	46.1	100	66.5
	Jul 2014	718	11.7	448.00	580	-13	75.71	120.0	47.6	100	66.3
	Aug 2014	609	9.9	447.50	571	-9	75.13	120.0	39.9	100	65.5
	Sep 2014	538	9.0	446.81	557	-13	74.55	120.0	34.9	100	64.9
	WY 2014	**6621**							**440.4**		
	Oct 2014	445	7.2	446.31	548	-9	74.77	102.0	28.7	85	64.6
	Nov 2014	369	6.2	446.50	552	3	74.62	102.0	23.6	85	64.0
	Dec 2014	268	4.4	446.50	552	0	74.71	102.0	16.8	85	62.6
	Jan 2015	348	5.7	446.50	552	0	74.71	102.0	22.2	85	63.7
	Feb 2015	458	8.3	446.50	552	0	73.92	120.0	29.4	100	64.2
	Mar 2015	704	11.5	446.70	555	4	74.01	120.0	45.7	100	64.9
	Apr 2015	801	13.5	448.70	593	38	75.08	120.0	52.9	100	66.0
	May 2015	707	11.5	448.70	593	0	76.05	120.0	47.0	100	66.5
	Jun 2015	698	11.7	448.70	593	0	76.05	120.0	46.5	100	66.5
	Jul 2015	733	11.9	448.00	580	-13	75.71	120.0	48.6	100	66.3
	Aug 2015	648	10.5	447.50	571	-9	75.13	120.0	42.5	100	65.6
	Sep 2015	563	9.5	446.81	557	-13	74.55	120.0	36.6	100	65.0
	WY 2015	**6745**							**440.6**		
	Oct 2015	461	7.5	446.31	548	-9	74.77	102.0	29.8	85	64.7
	Nov 2015	386	6.5	446.50	552	3	74.62	102.0	24.8	85	64.1
	Dec 2015	282	4.6	446.50	552	0	74.71	102.0	17.8	85	62.9
	Jan 2016	345	5.6	446.50	552	0	74.71	102.0	22.0	85	63.7

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Most Probable Inflow*

Upper Basin Power

	Date	Glen Canyon 1000 MWHR	Flaming Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Reservoir 1000 MWHR	Fontenelle Reservoir 1000 MWHR
*	Feb 2013	259	25	4	5	1	3
H	Mar 2013	258	20	4	5	2	3
	Winter 2013	**1721**	**140**	**28**	**41**	**13**	**17**
I	Apr 2013	235	19	10	14	8	3
S	May 2013	257	26	15	23	15	3
T	Jun 2013	344	52	18	26	16	3
O	Jul 2013	361	26	26	35	20	3
R	Aug 2013	338	26	23	31	18	3
I	Sep 2013	253	25	17	24	14	3
	Summer 2013	**1789**	**173**	**108**	**153**	**90**	**19**
C	Oct 2013	202	19	12	16	10	1
A	Nov 2013	231	18	3	0	1	4
L	Dec 2013	253	19	3	0	1	5
*	Jan 2014	337	19	3	0	0	4
	Feb 2014	226	16	5	5	3	5
	Mar 2014	189	18	4	6	4	4
	Winter 2014	**1439**	**108**	**30**	**28**	**20**	**22**
	Apr 2014	188	17	12	20	12	4
	May 2014	197	37	36	55	23	6
	Jun 2014	238	56	16	28	19	8
	Jul 2014	323	25	37	44	23	10
	Aug 2014	322	25	39	46	23	7
	Sep 2014	240	24	35	42	21	3
	Summer 2014	**1508**	**183**	**175**	**236**	**122**	**38**
	Oct 2014	240	25	21	26	14	6
	Nov 2014	238	24	12	15	8	6
	Dec 2014	316	25	27	33	17	6
	Jan 2015	313	25	23	29	15	5
	Feb 2015	254	22	14	19	10	4
	Mar 2015	252	26	9	13	7	4
	Winter 2015	**1613**	**145**	**106**	**135**	**70**	**32**
	Apr 2015	232	25	12	19	11	4
	May 2015	256	43	36	53	23	7
	Jun 2015	323	95	21	32	21	9
	Jul 2015	409	36	35	42	23	10
	Aug 2015	426	36	38	45	23	9
	Sep 2015	324	35	35	42	21	3
	Summer 2015	**1646**	**235**	**143**	**192**	**102**	**38**
	Oct 2015	241	36	22	26	14	6
	Nov 2015	240	35	12	16	8	6
	Dec 2015	319	36	28	34	17	6
	Jan 2016	317	36	23	29	15	5

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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February 2014 24-Month Study

Most Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions

Date	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Total KAF	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****EFFECTIVE SPACE****										
Feb 2014	1,084	441	733	14494	16751	14846	31597	468	435	401	1303	14494	14846	30644	1500	690	0	28.8
Mar 2014	1,096	439	739	14776	17049	14879	31928	476	433	406	1315	14776	14879	30970	1500	1022	0	28.4
Apr 2014	1,066	422	704	14832	17024	15336	32360	441	416	370	1227	14832	15336	31396	1500	1138	0	28.4
May 2014	1,006	380	621	14535	16542	15916	32458	374	380	285	1039	14535	15916	31490	1500	1037	0	29.8
Jun 2014	923	253	418	13029	14624	16422	31046	282	241	79	601	13029	16422	30053	1500	951	0	31.4
Jul 2014	762	27	359	11486	12635	16800	29435	107	-12	15	111	11486	16800	28397	1500	924	0	31.1
								****CREDITABLE SPACE****										
Aug 2014	672	35	350	11621	12678	16959	29637	672	35	350	1056	11621	16959	29637	1500	832	0	30.7
Sep 2014	679	93	356	11967	13095	16980	30075	679	93	356	1128	11967	16980	30075	2270	682	0	30.2
Oct 2014	707	155	352	12158	13372	17054	30426	707	155	352	1214	12158	17054	30426	3040	560	0	29.9
Nov 2014	728	179	343	12285	13535	17026	30561	728	179	343	1250	12285	17026	30561	3810	625	0	29.8
Dec 2014	748	185	350	12432	13716	17060	30776	748	185	350	1283	12432	17060	30776	4580	574	0	29.7
Jan 2015	784	248	361	12766	14158	16796	30954	784	248	361	1392	12766	16796	30954	5350	726	0	29.5
								****EFFECTIVE SPACE****										
Jan 2015	784	248	361	12766	14158	16796	30954	422	248	361	1031	12766	16796	30592	5350	726	0	29.5
Feb 2015	813	301	374	13095	14583	16692	31275	449	301	374	1124	13095	16692	30911	1500	695	0	29.2
Mar 2015	833	326	375	13302	14837	16688	31525	466	326	375	1167	13302	16688	31157	1500	1044	0	28.9
Apr 2015	807	321	324	13388	14840	17034	31875	434	321	324	1079	13388	17034	31502	1500	1131	0	28.9
May 2015	749	289	221	13196	14456	17506	31962	369	289	221	879	13196	17506	31582	1500	1019	0	30.1
Jun 2015	634	201	35	12048	12918	17854	30772	243	197	35	475	12048	17854	30377	1500	954	0	31.5
Jul 2015	516	33	-49	10744	11243	18036	29279	112	5	-49	68	10744	18036	28848	1500	877	0	31.6
								****CREDITABLE SPACE****										
Aug 2015	422	27	-76	10839	11213	17955	29168	422	27	-76	373	10839	17955	29168	1500	842	0	31.2
Sep 2015	447	75	-79	11327	11770	17743	29513	447	75	-79	443	11327	17743	29513	2270	647	0	30.9
Oct 2015	499	144	-88	11629	12183	17592	29776	499	144	-88	555	11629	17592	29776	3040	477	0	30.7
Nov 2015	546	172	-102	11688	12304	17481	29785	546	172	-102	616	11688	17481	29785	3810	620	0	30.6
Dec 2015	593	182	-97	11789	12467	17518	29985	593	182	-97	678	11789	17518	29985	4580	507	0	30.5
Jan 2016	658	248	-86	12092	12912	17200	30112	658	248	-86	820	12092	17200	30112	5350	639	0	30.4
								****EFFECTIVE SPACE****										
Jan 2016	658	248	-86	12092	12912	17200	30112	303	248	-86	465	12092	17200	29757	5350	639	0	30.4

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2164

Processed On: 2/12/2014 11:08:21AM

March 24-Month Study
Date: March 14, 2014

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

Reservoir	February Inflow (unregulated) (acre-feet)	Percent of Average (%)	March 13 Midnight Elevation (feet)	Reservoir Storage (acre-feet)
Fontenelle	29,000	105	6473.26	133,000
Flaming Gorge	46,000	104	6016.95	2,873,000
Blue Mesa	23,000	103	7464.03	397,000
Navajo	24,000	79	6027.07	979,000
Powell	329,000	84	3575.45	9,555,000

Expected Operations

The operation of Lake Powell and Lake Mead in this March 2014 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines), and reflects the 2014 Annual Operating Plan (AOP). Pursuant to the Interim Guidelines, the August 2013 24-Month Study projections of the January 1, 2014, system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2014.

Consistent with Section 6.C.1 of the Interim Guidelines, the Lake Powell operational tier for water year 2014 is the Mid-Elevation Release Tier with an annual release volume of 7.48 maf.

Consistent with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar year 2014.

The Interim Guidelines are available for download at
http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The 2014 AOP is available for download at
http://www.usbr.gov/lc/region/g4000/aop/AOP14.pdf.

Fontenelle Reservoir – Inflows to Fontenelle Reservoir for the month of February were 29,000 acre-feet (AF), or 105 percent of average. The reservoir elevation is 6473.27 feet, 38 percent of live capacity. Inflows are averaging 900 cubic feet per second (cfs). Fontenelle releases are currently at 990 cfs and are expected to begin increasing in anticipation of spring runoff toward the end of March.

Inflows for the next three months are projected to be above average: with March, April and May forecasted inflow volumes at 61,000 AF (116% of average), 115,000 AF (135% of average), and 260,000 AF (159% of average), respectively. The March final forecast of the April-July inflow volume is 1,210,000 AF (167% of average).

The next Fontenelle Working Group meeting is scheduled for April 23, 2014, at 10:00 am at the Seedskadee National Wildlife Refuge. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir.

Flaming Gorge Reservoir – Unregulated inflow into Flaming Gorge Reservoir during the month of February was 46,000 acre-feet (AF), or 104 percent of average. The reservoir elevation is 6017 feet. Observed inflows are averaging 900 cubic feet per second (cfs).

Flaming Gorge releases are currently 800 cfs steady minimum releases and are anticipated to remain at this level through winter until spring runoff beings sometime in April or May.

Inflows for the next three months are projected to be above average: with March, April and May forecasted inflow volumes at 115,000 AF (112% of average), 160,000 AF (120% of average), and 350,000 AF (143% of average), respectively. The March final forecast of the April-July unregulated inflow volume into Flaming Gorge Reservoir is 1,430,000 AF (146% of average). Based on the March final forecast, the spring hydrologic classification will be moderately wet.

The next Flaming Gorge Working Group meeting is scheduled for April 24, 2014, at 11:00 a.m. to be held in the Utah Department of Natural Resources building in Vernal, Utah. The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stake holders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations and plans presented by Reclamation at these meetings. Meeting notes from past Working Group meetings are posted on the Working Group webpage. For more information on this group and these meetings please contact Ed Vidmar at 801-379-1182.

Aspinall Unit Reservoirs – February unregulated inflow into Blue Mesa Reservoir was 23,000 acre-feet or 103 percent of average. On March 11th the basin snowpack was 111 percent of average, which is a 7 percent decrease from a month earlier. Precipitation during February was 145 percent of average. The current inflow rate into Blue Mesa Reservoir is about 400 cfs while reservoir releases are averaging about 300 cfs. The

reservoir elevation is currently at 7464.81 feet, which corresponds to a storage content of about 402,000 acre-feet. This elevation is about 12 feet higher than last year's March elevation.

The latest Water Supply Forecast for Water Year 2014 has been issued and the April through July unregulated inflow is forecasted to be at 850,000 acre-feet (126% of average), this is 95,000 acre-feet higher than last month's forecast. If this forecast holds through May 1st, the Black Canyon Water Right would call for a one day peak flow of 6,427 cfs. At this time Reclamation plans to operate the Aspinall Unit to allow the water right to be met. Also using this same forecast for the determining the flow recommendations from the Aspinall ROD at Whitewater gage, the peak flow at that point should be 14,350 cfs for 10 days.

Based on this forecast and the combination of meeting the ROD and the Black Canyon Water Right this coming spring, Blue Mesa Reservoir is projected to fill this runoff season. The projected fill is calculated to be about 7516.4 feet, or about 3.0 feet short of top of active conservation pool.

Releases from Crystal are currently set at 800 cfs. The Gunnison Diversion Tunnel is currently shut down for the season, with the exception of some small 50 to 100 cfs diversions taken for municipal water needs in Montrose, Colorado. The tunnel is expected to reopen for irrigation season sometime between the last week of March and the first week of April.

Reservoir releases are likely to change during March into May as we respond to changing forecasts and runoff conditions.

The next meeting of the "Aspinall Unit Working Group" will be held on Thursday, April 24, 2014 starting at 1:00 PM in Reclamation's Grand Junction Office. At this meeting, review of this winter's reservoir operations, and plans for this spring and summer operations will be discussed. These meetings are open forum discussions on the Aspinall Unit reservoir operations with many interested groups participating. Anyone needing further information about these meetings should contact Erik Knight in the Grand Junction Area Office at (970) 248-0629.

Navajo Reservoir – Reclamation has been releasing 300 cfs from Navajo Reservoir since February 4th, 2014. Releases are made for the authorized purposes of the Navajo Unit, and to attempt to maintain a target base flow through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell). The San Juan River Basin Recovery Implementation Program recommends a target base flow of between 500 cfs and 1,000 cfs through the critical habitat area. The target base flow is calculated as the weekly average of gaged flows throughout the critical habitat area.

Navajo was at 6025.70 ft of pool elevation and 99,828 acre-ft of storage by the end of February, which was 74% of average for the end of the month. Modified unregulated

inflow was 23,567 acre-ft, which was 78% of average for February. Calculated evaporation for the month was 607 acre-ft. An average release of 300 cfs was maintained throughout most of February. Navajo Reservoir recorded 0.74 inches of liquid precipitation (70% of average).

As of March 4th, the release at Navajo is 300 cfs, and the observed inflow is 708 cfs. The reservoir elevation is 6026.09 ft and the content is 969,828 acre-ft, or 57% full (30% of Active). The San Juan River at Four Corners USGS gage is at 708 cfs and the Animas River at Farmington USGS gage is at 332 cfs. SNOTEL sites above Navajo are showing an average of 13.30 inches of snow water equivalent (SWE) above Navajo, which is 81% of average (1987-present).

The most probable modified-unregulated inflow forecast* for March at Navajo is 80,000 acre-ft (87% of average), for April is 145,000 acre-ft (85% of average), and for May is 260,000 acre-ft (94% of average). The April-July total inflow forecasts are as follows: Min Probable: 420,000 acre-ft (57% of average), Most Probable: 630,000 acre-ft (85% of average), Max Probable: 885,000 acre-ft (120% of average). Modified unregulated inflow is defined as the predicted hydrologic inflow volume into Navajo plus the change in storage at Vallecito Reservoir and the San-Juan Chama diversion volume.

The next coordination meeting for the operation of the Navajo Unit will be on Tuesday, April 22, 2014, from 1:00-3:00 p.m. It will be held at the Farmington Civic Center, 200 West Arrington, in Farmington, New Mexico. These meetings are open forum discussions on the operation of Navajo Reservoir with many interested groups participating. Anyone interested in the general operation of the reservoir is encouraged to attend. Please contact Ryan Christianson in Reclamation's Durango, Colorado Office at (970) 385-6590 for information about these meetings or the daily operation of Navajo Reservoir.

Glen Canyon Dam / Lake Powell

Current Status

The unregulated inflow volume to Lake Powell in February was 330 thousand acre-feet (kaf) (84% of average). The release volume from Glen Canyon Dam in February was 600 kaf. The end of February elevation and storage of Lake Powell were 3575.6 feet (125 feet from full pool) and 9.56 million acre-feet (maf) (39% of full capacity), respectively. The reservoir elevation is nearing the anticipated seasonal low and will likely remain near the current elevation until increasing when runoff begins in late spring. Snowpack is currently about 115% of median for this time of year.

Current Operations

The operating tier for water year 2014 is the Mid-Elevation Release Tier with an annual release volume of 7.48 maf, as established in August 2013 and pursuant to the Interim Guidelines, Section 6.C.1. Reclamation will schedule operations at Glen Canyon Dam to achieve as practicably as possible a 7.48 maf annual release by September 30, 2014.

In March, the release volume will likely be approximately 505 kaf, with fluctuations between about 6,000 cfs in the nighttime to about 11,000 cfs in the daytime and consistent with the Glen Canyon Operating Criteria (Federal Register, Volume 62, No. 41, March 3, 1997). In April, the release volume will likely be approximately 500 kaf with daily fluctuations between about 6,000 cfs and 11,000 cfs.

In addition to daily scheduled fluctuations for power generation, the instantaneous releases from Glen Canyon Dam may also fluctuate to provide 40 MW of system regulation. These instantaneous release adjustments stabilize the electrical generation and transmission system and translate to a range of about 1,200 cfs above or below the hourly scheduled release rate. Under system normal conditions, fluctuations for regulation are typically short lived and generally balance out over the hour with minimal or no noticeable impacts on downstream river flow conditions.

Releases from Glen Canyon Dam can also fluctuate beyond scheduled fluctuations for power generation when called upon as a partner that shares reserve requirements within the electrical generator community (i.e. balancing authority). Reserves provide system reliability in the event of an unscheduled outage. Glen Canyon Dam typically maintains 41 MW of reserves (approximately 1,200 cfs). Reserve calls can be maintained for a maximum of 2 hours after which time the generation rate should be returned to the original schedule. If reserves from Glen Canyon Dam are called upon, releases from the dam can exceed scheduled levels and can have a noticeable impact on the river downstream from Glen Canyon Dam. Calls for reserves are fairly infrequent and typically are for much less than 41 MW.

Inflow Forecasts and Model Projections

The forecast for the 2014 April to July water supply season for Lake Powell, issued on March 4, 2014 by the Colorado Basin River Forecast Center, projects that the most probable (median) unregulated inflow volume will be 8.30 maf (116% of average based on the period 1981-2010). The April-July forecast increased by 1.05 million acre-feet since last month. The winter snow accumulation season has tracked near average to slightly above average in the past month (currently 115% of median). There is currently about one more month remaining for the typical snow accumulation season so there is still uncertainty regarding the final snowpack and resulting runoff. The April-July forecast ranges from a minimum probable of 6.00 maf (84% of average) to a maximum probable of 11.1 maf (155% of average). (For reference, the 30-year April-July average is 7.16 maf.) There is a 10 percent chance that inflows could be higher than the maximum probable and a 10 percent chance they could be lower than the minimum probable.

Based on the current forecast, the March 24-Month study projects Lake Powell elevation will peak near approximately 3,619 feet near the end of June and end the water year near 3,615 feet with approximately 13.28 maf in storage (56% capacity). Note that projections of elevation and storage have uncertainty at this point in the season, primarily due to uncertainty regarding the season's total snowpack and the resulting inflow to Lake Powell. Under the minimum probable inflow scenario, updated in January, the projected

summer peak is 3,592 ft and end of water year storage is 9.7 maf (40% capacity). Under the maximum probable inflow scenario, updated in January, the projected summer peak is 3,631 ft and end of water year storage is 15.0 maf (62% capacity). There is a 10 percent chance that inflows will be higher, resulting in higher elevation and storage, and 10 percent chance that inflows will be lower, resulting in lower elevation and storage. The minimum and maximum probable model runs will be updated again in April. The annual release volume from Lake Powell during water year 2014 is projected to be 7.48 maf under all inflow scenarios.

Consistent with Section 6.C.1 of the Interim Guidelines, the Lake Powell operational tier for water year 2014 is the Mid-Elevation Release Tier with an annual release volume of 7.48 maf. This was determined in the August 2013 24-Month Study and documented in the 2014 Annual Operating Plan signed by Secretary Jewell in December 2013.

Upper Colorado River Basin Hydrology

The Upper Colorado River Basin regularly experiences significant year to year hydrologic variability. During the 14-year period 2000 to 2013, however, the unregulated inflow to Lake Powell, which is a good measure of hydrologic conditions in the Colorado River Basin, was above average in only 3 out of the past 14 years. The period 2000-2014 is the lowest 14-year period since the closure of Glen Canyon Dam in 1963, with an average unregulated inflow of 8.25 maf, or 76% of the 30-year average (1981-2010). (For comparison, the 1981-2010 total water year average is 10.83maf.) The unregulated inflow during the 2000-2013 period has ranged from a low of 2.64 maf (24% of average) in water year 2002 to a high of 15.97 maf (147% of average) in water year 2011. Under the current forecast, total water year 2014 inflows to Lake Powell are expected to range between a minimum probable of 9.50 maf (88% of average) and a maximum probable of 14.6 maf (135% of average) with a most probable projection of 11.80 maf (109% of average).

At the beginning of water year 2014, total system storage in the Colorado River Basin was 29.9 maf (50% of 59.6 maf total system capacity). This is about 4 maf less than the total storage at the beginning of water year 2013 which began at 34.0 maf (57% of capacity). Since the beginning of water year 2000, total Colorado Basin storage has experienced year to year increases and decreases in response to wet and dry hydrology, ranging from a high of 94% of capacity at the beginning of 2000 to a low of 50% of capacity at the beginning of water year 2014. One wet year can significantly increase total system reservoir storage, just as persistent dry years can draw down the system storage. Based on current inflow forecasts, the current projected end of water year 2014 total Colorado Basin reservoir storage is approximately 31.3 maf (53% of capacity). The actual end of water year storage may vary significantly from this projection, primarily due to uncertainty regarding this season's snowpack and resulting runoff. Based on January minimum and maximum probable inflow forecasts and modeling the range is approximately 26.9 maf (45%) to 33.6 maf (56%), respectively. The minimum and maximum probable model runs will be updated again in April.

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-430
125 SOUTH STATE STREET, ROOM 6107
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-3709

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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:	Obs			feb	Forecast		Outlook		
:	nov	dec	jan	feb	%Avg	mar	apr	may	apr-jul	%Avg
GLDA3:Lake Powell	460	294	270	329	84%:	700/	1200/	2900/	8300/:	116%
GBRW4:Fontenelle	41	30	29	29	105%:	61/	115/	260/	1210/:	167%
GRNU1:Flaming Gorge	41	32	33	46	104%:	115/	160/	350/	1430/:	146%
BMDC2:Blue Mesa	33	25	22	23	103%:	35/	88/	301/	850/:	126%
MPSC2:Morrow Point	34	26	24	24	96%:	39/	100/	336/	930/:	126%
CLSC2:Crystal	40	30	27	29	101%:	45/	116/	383/	1050/:	126%
TPIC2:Taylor Park	4.8	4.6	4.7	4.4	116%:	3.7/	9/	41/	126/:	127%
VCRC2:Vallecito	10.0	6.2	5.6	4.6	97%:	10/	25/	81/	205/:	106%
NVRN5:Navajo	35	25	19.3	24	79%:	80/	145/	260/	630/:	86%
LEMC2:Lemon	1.68	1.22	0.87	0.76	100%:	1.8/	6/	24/	55/:	100%
MPHC2:McPhee	6.9	4.3	3.3	4.3	86%:	19/	71/	126/	280/:	95%
RBSC2:Ridgway	6.3	4.7	4.1	4.4	122%:	6.8/	12.2/	29/	97/:	96%

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 2014 24-Month Study

Most Probable Inflow*

Fontenelle Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Mar 2013	41	0	52	0	52	6472.41	129
H	Apr 2013	51	1	51	0	51	6472.25	128
I	May 2013	108	1	51	0	51	6483.26	185
S	Jun 2013	91	2	47	0	48	6489.79	226
T	Jul 2013	67	2	48	0	48	6492.28	243
O	Aug 2013	32	2	43	0	43	6490.28	229
R	Sep 2013	47	2	42	0	42	6490.87	233
	WY 2013	**575**	**14**	**534**	**57**	**591**		
I	Oct 2013	53	1	19	24	43	6492.11	241
C	Nov 2013	41	1	51	4	55	6489.91	226
A	Dec 2013	30	1	61	0	61	6485.02	195
L	Jan 2014	29	1	61	0	61	6479.35	163
*	Feb 2014	29	0	55	0	55	6474.06	136
	Mar 2014	61	0	87	0	87	6468.02	111
	Apr 2014	115	1	91	32	123	6465.77	102
	May 2014	260	1	94	152	246	6469.03	115
	Jun 2014	515	2	97	303	401	6489.81	227
	Jul 2014	320	3	108	132	240	6500.82	305
	Aug 2014	110	2	80	0	80	6504.41	333
	Sep 2014	68	2	36	42	77	6502.98	322
	WY 2014	**1631**	**14**	**840**	**689**	**1529**		
	Oct 2014	64	1	80	0	80	6500.78	305
	Nov 2014	49	1	77	0	77	6496.84	276
	Dec 2014	32	1	80	0	80	6489.73	227
	Jan 2015	30	1	80	0	80	6481.76	177
	Feb 2015	28	1	72	0	72	6472.86	132
	Mar 2015	53	0	80	0	80	6466.26	104
	Apr 2015	85	1	71	0	71	6469.58	117
	May 2015	164	1	98	6	105	6481.53	175
	Jun 2015	299	2	102	76	179	6499.33	294
	Jul 2015	178	3	101	29	131	6505.04	338
	Aug 2015	77	2	92	0	92	6502.75	320
	Sep 2015	46	2	36	32	68	6499.57	296
	WY 2015	**1104**	**15**	**972**	**143**	**1115**		
	Oct 2015	49	1	71	0	71	6496.40	272
	Nov 2015	42	1	68	0	68	6492.57	245
	Dec 2015	32	1	71	0	71	6486.59	206
	Jan 2016	30	1	71	0	71	6479.67	165
	Feb 2016	28	0	64	0	64	6472.10	128

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2165

Processed On: 3/13/2014 2:26:16PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 2014 24-Month Study

Most Probable Inflow*

Flaming Gorge Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	Mar 2013	64	76	3	53	0	53	120	6020.19	2986	105
H	Apr 2013	69	69	5	50	0	50	121	6020.57	3000	149
I	May 2013	135	77	7	67	0	67	121	6020.65	3003	440
S	Jun 2013	91	48	10	135	3	138	117	6017.91	2906	366
T	Jul 2013	66	47	12	68	0	68	116	6016.99	2875	99
O	Aug 2013	22	33	11	68	0	68	114	6015.71	2831	87
R	Sep 2013	67	62	10	66	0	66	113	6015.33	2818	95
	WY 2013	**657**	**673**	**73**	**818**	**3**	**821**				**1744**
I	Oct 2013	68	58	6	51	0	51	113	6015.35	2819	108
C	Nov 2013	41	55	3	48	0	48	114	6015.47	2823	96
A	Dec 2013	32	62	2	49	0	49	114	6015.79	2834	403
L	Jan 2014	33	65	2	49	0	49	115	6016.19	2847	405
*	Feb 2014	46	71	2	45	0	45	116	6016.89	2871	99
	Mar 2014	115	141	3	49	0	49	119	6019.35	2957	49
	Apr 2014	160	168	5	48	0	48	124	6022.49	3068	48
	May 2014	350	336	8	103	0	103	132	6028.33	3285	103
	Jun 2014	580	466	11	283	96	379	135	6030.24	3358	379
	Jul 2014	340	260	14	121	0	121	140	6033.29	3478	121
	Aug 2014	120	90	13	121	0	121	138	6032.21	3435	121
	Sep 2014	73	82	11	118	0	118	136	6031.06	3390	118
	WY 2014	**1957**	**1855**	**79**	**1085**	**96**	**1181**				**2050**
	Oct 2014	72	87	7	121	0	121	135	6030.04	3350	121
	Nov 2014	57	85	3	118	0	118	133	6029.14	3316	118
	Dec 2014	35	83	2	121	0	121	132	6028.12	3277	121
	Jan 2015	40	90	2	121	0	121	131	6027.27	3245	121
	Feb 2015	45	89	2	110	0	110	130	6026.69	3223	110
	Mar 2015	102	130	3	121	0	121	130	6026.83	3228	121
	Apr 2015	134	119	5	118	0	118	130	6026.75	3225	118
	May 2015	245	186	8	157	0	157	131	6027.31	3246	157
	Jun 2015	390	269	10	211	0	211	132	6028.51	3292	211
	Jul 2015	210	163	14	98	0	98	134	6029.80	3341	98
	Aug 2015	89	104	13	98	0	98	134	6029.63	3335	98
	Sep 2015	55	78	11	95	0	95	133	6028.91	3307	95
	WY 2015	**1473**	**1484**	**80**	**1490**	**0**	**1490**				**1490**
	Oct 2015	59	81	7	98	0	98	132	6028.29	3283	98
	Nov 2015	51	77	3	95	0	95	131	6027.75	3263	95
	Dec 2015	35	74	2	98	0	98	130	6027.07	3237	98
	Jan 2016	40	81	2	98	0	98	130	6026.58	3219	98
	Feb 2016	45	81	2	92	0	92	129	6026.23	3206	92

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2165

Processed On: 3/13/2014 2:26:16PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 2014 24-Month Study

Most Probable Inflow*

Taylor Park Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Mar 2013	3	3	9301.27	57
H	Apr 2013	6	4	9302.94	59
I	May 2013	21	7	9312.29	74
S	Jun 2013	26	12	9320.43	88
T	Jul 2013	9	15	9316.95	81
O	Aug 2013	7	15	9312.37	74
R	Sep 2013	8	12	9309.95	70
	WY 2013	**97**	**83**		
I	Oct 2013	7	6	9310.82	71
C	Nov 2013	5	5	9310.99	71
A	Dec 2013	5	5	9310.93	71
L	Jan 2014	5	5	9310.93	71
*	Feb 2014	4	4	9311.08	72
	Mar 2014	4	5	9310.27	70
	Apr 2014	9	14	9307.06	65
	May 2014	41	26	9316.28	80
	Jun 2014	55	35	9327.06	100
	Jul 2014	21	29	9322.91	92
	Aug 2014	12	22	9317.42	82
	Sep 2014	9	18	9312.13	73
	WY 2014	**176**	**173**		
	Oct 2014	8	9	9311.29	72
	Nov 2014	5	6	9310.97	71
	Dec 2014	5	6	9310.15	70
	Jan 2015	4	6	9309.11	68
	Feb 2015	4	6	9307.69	66
	Mar 2015	4	6	9306.67	65
	Apr 2015	9	6	9308.47	67
	May 2015	28	18	9314.79	78
	Jun 2015	42	20	9326.63	99
	Jul 2015	20	20	9326.70	100
	Aug 2015	10	20	9321.62	90
	Sep 2015	7	16	9316.83	81
	WY 2015	**147**	**139**		
	Oct 2015	7	12	9313.71	76
	Nov 2015	5	6	9313.18	75
	Dec 2015	5	6	9312.38	74
	Jan 2016	4	6	9311.37	72
	Feb 2016	4	6	9310.00	70

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2165

Processed On: 3/13/2014 2:26:16PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 2014 24-Month Study

Most Probable Inflow*

Blue Mesa Reservoir

	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Mar 2013	23	23	0		0	16	7454.12	336
H	Apr 2013	43	41	1	38	0	38	7454.46	338
I	May 2013	133	119	1	58	0	58	7464.34	399
S	Jun 2013	126	111	1	69	0	69	7470.58	440
T	Jul 2013	44	51	1	98	0	98	7463.20	391
O	Aug 2013	46	54	1	89	0	89	7457.29	355
R	Sep 2013	57	61	1	66	0	66	7456.24	348
	WY 2013	**561**	**547**	**6**	**517**	**0**	**532**		
I	Oct 2013	48	47	0	46	0	46	7456.34	349
C	Nov 2013	33	33	0	14	0	14	7459.38	367
A	Dec 2013	25	25	0	11	0	11	7461.56	381
L	Jan 2014	22	22	0	14	0	14	7462.81	389
*	Feb 2014	23	22	0	13	0	13	7464.31	398
	Mar 2014	35	36	0	42	0	42	7463.36	392
	Apr 2014	88	93	1	83	0	83	7464.83	402
	May 2014	301	286	1	136	0	136	7486.02	551
	Jun 2014	338	318	1	82	0	82	7514.49	785
	Jul 2014	123	131	2	112	0	112	7516.40	802
	Aug 2014	65	75	1	125	0	125	7510.62	751
	Sep 2014	47	56	1	114	0	114	7503.78	693
	WY 2014	**1148**	**1145**	**8**	**792**	**0**	**792**		
	Oct 2014	44	46	1	70	0	70	7500.79	668
	Nov 2014	34	34	0	40	0	40	7500.04	662
	Dec 2014	26	27	0	107	0	107	7490.00	581
	Jan 2015	24	26	0	79	0	79	7483.00	528
	Feb 2015	22	25	0	49	0	49	7479.66	504
	Mar 2015	36	38	0	32	0	32	7480.37	509
	Apr 2015	77	74	1	42	0	42	7484.63	540
	May 2015	221	211	1	120	0	120	7496.15	630
	Jun 2015	261	239	1	69	0	69	7516.01	799
	Jul 2015	117	117	2	112	0	112	7516.40	802
	Aug 2015	63	73	1	122	0	122	7510.76	752
	Sep 2015	38	47	1	115	0	115	7502.63	683
	WY 2015	**964**	**956**	**9**	**957**	**0**	**957**		
	Oct 2015	38	44	1	71	0	71	7499.25	655
	Nov 2015	31	32	0	41	0	41	7498.12	646
	Dec 2015	26	27	0	91	0	91	7490.00	581
	Jan 2016	24	26	0	79	0	79	7483.00	528
	Feb 2016	22	25	0	51	0	51	7479.38	501

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2165

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 2014 24-Month Study

Most Probable Inflow*

Morrow Point Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Mar 2013	24	16	1	17	17	0	17	7144.36	105
H	Apr 2013	49	38	6	44	42	0	42	7146.71	107
I	May 2013	148	58	15	72	67	0	67	7154.02	112
S	Jun 2013	132	69	6	75	75	0	75	7154.39	113
T	Jul 2013	45	98	0	98	99	0	99	7153.53	112
O	Aug 2013	46	89	0	90	89	0	89	7154.91	113
R	Sep 2013	58	66	2	68	69	0	69	7154.20	112
	WY 2013	**595**	**532**	**35**	**567**	**563**	**0**	**563**		
I	Oct 2013	50	46	2	48	47	1	50	7152.26	111
C	Nov 2013	34	14	1	15	0	0	15	7152.65	111
A	Dec 2013	26	11	1	12	0	0	16	7147.65	107
L	Jan 2014	24	14	2	16	0	0	16	7148.51	108
*	Feb 2014	24	13	2	14	12	0	14	7148.21	108
	Mar 2014	39	42	4	46	42	0	42	7153.73	112
	Apr 2014	100	83	12	95	95	0	95	7153.73	112
	May 2014	335	136	34	170	170	0	170	7153.73	112
	Jun 2014	365	82	27	109	109	0	109	7153.73	112
	Jul 2014	130	112	7	119	119	0	119	7153.73	112
	Aug 2014	68	125	3	128	128	0	128	7153.73	112
	Sep 2014	50	114	3	117	117	0	117	7153.73	112
	WY 2014	**1246**	**792**	**98**	**890**	**839**	**1**	**890**		
	Oct 2014	47	70	3	73	73	0	73	7153.73	112
	Nov 2014	36	40	2	42	42	0	42	7153.73	112
	Dec 2014	28	107	2	109	109	0	109	7153.73	112
	Jan 2015	27	79	2	81	81	0	81	7153.73	112
	Feb 2015	25	49	3	52	52	0	52	7153.73	112
	Mar 2015	40	32	4	36	36	0	36	7153.73	112
	Apr 2015	88	42	11	53	53	0	53	7153.73	112
	May 2015	247	120	26	146	146	0	146	7153.73	112
	Jun 2015	281	69	20	89	89	0	89	7153.73	112
	Jul 2015	123	112	6	118	118	0	118	7153.73	112
	Aug 2015	67	122	3	125	125	0	125	7153.73	112
	Sep 2015	41	115	3	118	118	0	118	7153.73	112
	WY 2015	**1049**	**957**	**85**	**1042**	**1042**	**0**	**1042**		
	Oct 2015	41	71	3	74	74	0	74	7153.73	112
	Nov 2015	33	41	2	43	43	0	43	7153.73	112
	Dec 2015	28	91	2	94	94	0	94	7153.73	112
	Jan 2016	27	79	2	81	81	0	81	7153.73	112
	Feb 2016	25	51	3	54	54	0	54	7153.73	112

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 2014 24-Month Study

Most Probable Inflow*

Crystal Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
*	Mar 2013	29	17	5	21	22	0	22	6744.50	15	0	22
H	Apr 2013	55	42	7	49	51	0	51	6738.38	13	33	20
I	May 2013	161	67	13	80	80	0	80	6736.96	13	66	18
S	Jun 2013	144	75	11	86	84	0	84	6744.76	15	65	25
T	Jul 2013	49	99	4	103	101	1	102	6748.24	16	67	41
O	Aug 2013	50	89	3	92	92	1	93	6745.72	15	62	36
R	Sep 2013	63	69	5	74	73	0	73	6746.17	15	48	29
	WY 2013	**661**	**563**	**65**	**628**	**614**	**14**	**627**			**363**	**291**
I	Oct 2013	55	50	5	54	56	0	56	6741.56	14	36	22
C	Nov 2013	40	15	6	21	15	4	19	6748.85	16	0	20
A	Dec 2013	30	16	4	20	20	0	20	6749.68	16	0	21
L	Jan 2014	27	16	3	19	6	14	20	6746.01	15	1	20
*	Feb 2014	29	14	5	19	3	17	20	6743.52	14	1	20
	Mar 2014	45	42	6	48	45	0	45	6753.04	17	5	40
	Apr 2014	116	95	16	111	111	0	111	6753.04	17	30	81
	May 2014	385	170	50	220	134	86	220	6753.04	17	55	165
	Jun 2014	405	109	40	149	130	19	149	6753.04	17	60	89
	Jul 2014	144	119	14	133	133	0	133	6753.04	17	65	68
	Aug 2014	73	128	5	133	133	0	133	6753.04	17	65	68
	Sep 2014	56	117	6	123	123	0	123	6753.04	17	55	67
	WY 2014	**1405**	**890**	**160**	**1050**	**909**	**139**	**1048**			**372**	**682**
	Oct 2014	53	73	6	79	79	0	79	6753.04	17	30	49
	Nov 2014	41	42	5	47	47	0	47	6753.04	17	0	47
	Dec 2014	32	109	5	114	114	0	114	6753.04	17	0	114
	Jan 2015	31	81	5	86	86	0	86	6753.04	17	0	86
	Feb 2015	29	52	4	55	55	0	55	6753.04	17	0	55
	Mar 2015	46	36	6	42	42	0	42	6753.04	17	5	37
	Apr 2015	101	53	12	66	66	0	66	6753.04	17	30	36
	May 2015	281	146	34	180	134	46	180	6753.04	17	55	125
	Jun 2015	315	89	34	123	123	0	123	6753.04	17	60	63
	Jul 2015	138	118	14	132	132	0	132	6753.04	17	65	67
	Aug 2015	75	125	8	134	134	0	134	6753.04	17	65	69
	Sep 2015	47	118	6	124	124	0	124	6753.04	17	55	69
	WY 2015	**1189**	**1042**	**140**	**1182**	**1136**	**46**	**1182**			**365**	**817**
	Oct 2015	47	74	6	80	80	0	80	6753.04	17	30	50
	Nov 2015	38	43	5	48	48	0	48	6753.04	17	0	48
	Dec 2015	32	94	5	98	98	0	98	6753.04	17	0	98
	Jan 2016	31	81	5	86	86	0	86	6753.04	17	0	86
	Feb 2016	29	54	4	57	57	0	57	6753.04	17	0	57

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 2014 24-Month Study

Most Probable Inflow*

Vallecito Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Mar 2013	4	0	7632.64	50
H	Apr 2013	15	1	7639.26	63
I	May 2013	49	31	7647.20	80
S	Jun 2013	19	35	7639.75	64
T	Jul 2013	8	32	7626.95	40
O	Aug 2013	13	26	7617.79	26
R	Sep 2013	45	7	7639.82	64
	WY 2013	**169**	**138**		
I	Oct 2013	18	2	7646.84	80
C	Nov 2013	10	2	7650.16	87
A	Dec 2013	7	2	7652.32	93
L	Jan 2014	6	2	7653.61	96
*	Feb 2014	5	2	7654.41	98
	Mar 2014	10	3	7657.29	105
	Apr 2014	25	5	7664.65	124
	May 2014	81	81	7664.45	124
	Jun 2014	75	74	7664.51	124
	Jul 2014	24	42	7657.64	106
	Aug 2014	19	38	7649.88	87
	Sep 2014	16	30	7643.88	73
	WY 2014	**295**	**283**		
	Oct 2014	15	17	7642.69	70
	Nov 2014	9	1	7645.77	77
	Dec 2014	6	2	7647.81	82
	Jan 2015	5	2	7649.40	86
	Feb 2015	5	1	7650.75	89
	Mar 2015	9	2	7653.55	96
	Apr 2015	23	1	7661.92	117
	May 2015	71	64	7664.63	124
	Jun 2015	70	70	7664.55	124
	Jul 2015	29	42	7659.61	111
	Aug 2015	20	38	7652.32	93
	Sep 2015	17	30	7647.09	80
	WY 2015	**280**	**269**		
	Oct 2015	16	17	7646.33	78
	Nov 2015	9	1	7649.39	86
	Dec 2015	6	2	7651.35	90
	Jan 2016	5	2	7652.89	94
	Feb 2016	5	1	7654.18	97

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 2014 24-Month Study

Most Probable Inflow*

Navajo Reservoir

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azetea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Farmington Flow (1000 Ac-Ft)
*	Mar 2013	31	1	26	1	6	22	6022.39	934	33
H	Apr 2013	71	7	53	2	21	36	6021.77	928	40
I	May 2013	154	17	118	3	36	17	6028.15	990	93
S	Jun 2013	40	8	46	3	42	33	6024.88	958	50
T	Jul 2013	2	1	25	3	40	51	6017.54	889	53
O	Aug 2013	43	3	53	3	34	41	6014.89	865	54
R	Sep 2013	151	5	110	2	15	25	6022.28	933	90
	WY 2013	**543**	**42**	**472**	**20**	**205**	**349**			**604**
I	Oct 2013	57	3	38	1	4	15	6024.13	951	45
C	Nov 2013	35	1	26	1	0	16	6025.11	960	43
A	Dec 2013	26	0	21	0	0	16	6025.59	965	39
L	Jan 2014	19	0	16	0	0	17	6025.41	963	36
*	Feb 2014	23	0	21	1	0	18	6025.70	966	35
	Mar 2014	80	1	71	1	2	18	6030.68	1015	18
	Apr 2014	145	14	111	2	18	18	6037.75	1089	18
	May 2014	260	34	226	3	33	28	6052.13	1251	28
	Jun 2014	188	26	161	4	48	93	6053.44	1267	93
	Jul 2014	37	4	50	4	53	36	6049.84	1224	36
	Aug 2014	31	1	49	3	46	43	6046.14	1181	43
	Sep 2014	33	0	47	2	25	42	6044.11	1158	42
	WY 2014	**936**	**85**	**837**	**24**	**229**	**359**			**477**
	Oct 2014	40	0	41	2	7	31	6044.31	1160	31
	Nov 2014	31	0	24	1	0	30	6043.68	1153	30
	Dec 2014	25	0	20	1	0	31	6042.69	1142	31
	Jan 2015	22	0	18	1	0	31	6041.49	1129	31
	Feb 2015	30	0	27	1	0	28	6041.34	1127	28
	Mar 2015	92	2	83	1	2	31	6045.72	1176	31
	Apr 2015	170	14	135	2	19	30	6052.90	1260	30
	May 2015	277	37	233	4	33	39	6065.29	1417	39
	Jun 2015	224	32	191	4	49	101	6067.98	1453	101
	Jul 2015	66	6	72	5	54	35	6066.44	1432	35
	Aug 2015	45	2	61	4	46	40	6064.30	1403	40
	Sep 2015	43	0	55	3	26	39	6063.37	1391	39
	WY 2015	**1065**	**95**	**960**	**27**	**235**	**464**			**464**
	Oct 2015	47	1	47	2	7	31	6063.95	1399	31
	Nov 2015	34	1	25	1	0	30	6063.54	1394	30
	Dec 2015	25	0	20	1	0	31	6062.68	1382	31
	Jan 2016	22	0	18	1	0	31	6061.65	1369	31
	Feb 2016	30	0	27	1	0	29	6061.44	1366	29

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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March 2014 24-Month Study

Most Probable Inflow*

Lake Powell

	Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry Gage (1000 Ac-Ft)
*	Mar 2013	362	357	14	601	0	601	3598.96	4986	11651	594
H	Apr 2013	355	326	22	551	0	551	3596.53	4967	11422	549
I	May 2013	1122	925	26	602	0	602	3599.44	4989	11697	603
S	Jun 2013	939	907	42	800	0	800	3600.07	4994	11757	806
T	Jul 2013	143	298	49	848	0	848	3594.17	4950	11202	862
O	Aug 2013	273	401	47	801	0	801	3589.64	4917	10788	815
R	Sep 2013	857	802	44	600	0	600	3591.25	4928	10934	607
	WY 2013	**5117**	**5358**	**361**	**8154**	**78**	**8232**				**8264**
I	Oct 2013	549	475	30	481	0	481	3590.88	4926	10900	483
C	Nov 2013	460	419	29	553	127	680	3587.90	4904	10631	695
A	Dec 2013	295	291	23	601	0	601	3584.43	4880	10324	595
L	Jan 2014	270	271	7	800	0	800	3578.69	4840	9828	808
*	Feb 2014	330	321	7	599	0	599	3575.55	4819	9563	597
	Mar 2014	700	576	12	505	0	505	3576.20	4823	9618	511
	Apr 2014	1200	988	20	500	0	500	3581.30	4858	10051	509
	May 2014	2900	2323	25	513	0	513	3599.51	4990	11704	521
	Jun 2014	3200	2723	45	600	0	600	3618.72	5144	13628	608
	Jul 2014	1000	827	57	800	0	800	3618.45	5142	13600	817
	Aug 2014	500	620	56	800	0	800	3616.36	5124	13381	819
	Sep 2014	400	545	52	600	0	600	3615.41	5116	13282	613
	WY 2014	**11804**	**10378**	**362**	**7353**	**127**	**7480**				**7578**
	Oct 2014	505	579	36	600	0	600	3614.90	5112	13230	609
	Nov 2014	470	536	34	600	0	600	3614.02	5105	13139	610
	Dec 2014	363	536	27	800	0	800	3611.38	5083	12870	808
	Jan 2015	361	506	8	800	0	800	3608.60	5061	12590	811
	Feb 2015	393	482	9	650	0	650	3606.95	5048	12426	657
	Mar 2015	665	623	15	650	0	650	3606.56	5045	12387	656
	Apr 2015	1056	896	24	600	0	600	3609.10	5065	12640	609
	May 2015	2343	1985	30	650	0	650	3620.80	5162	13848	658
	Jun 2015	2666	2254	50	800	0	800	3632.62	5266	15148	808
	Jul 2015	1091	1002	63	1000	0	1000	3632.13	5261	15093	1017
	Aug 2015	500	611	62	1050	0	1050	3627.99	5224	14629	1069
	Sep 2015	408	547	56	800	0	800	3625.39	5201	14343	813
	WY 2015	**10821**	**10560**	**414**	**9000**	**0**	**9000**				**9124**
	Oct 2015	512	577	38	600	0	600	3624.87	5197	14286	609
	Nov 2015	473	524	37	600	0	600	3623.91	5188	14182	610
	Dec 2015	363	498	29	800	0	800	3621.05	5164	13875	808
	Jan 2016	361	483	9	800	0	800	3618.19	5140	13573	811
	Feb 2016	393	468	10	650	0	650	3616.49	5125	13395	657

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Managing Water in the West

March 2014 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Glen Release (1000 Ac-Ft)	Side Inflow Glen to Hoover (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Mar 2013	601	69	36	987	16.1	15	986	875	1118.59	13465
H	Apr 2013	551	37	44	1103	18.5	20	1102	840	1112.91	12921
I	May 2013	602	28	50	1007	16.4	27	1008	812	1108.36	12495
S	Jun 2013	800	1	59	948	15.9	28	947	798	1105.98	12276
T	Jul 2013	848	113	73	865	14.1	28	858	798	1105.92	12270
O	Aug 2013	801	132	78	808	13.1	27	791	799	1106.13	12289
R	Sep 2013	600	155	64	599	10.1	16	590	804	1106.92	12362
	WY 2013	**8232**	**824**	**612**	**9043**		**224**	**8927**			
I	Oct 2013	481	38	47	733	11.9	19	718	786	1104.04	12099
C	Nov 2013	680	116	47	513	8.6	12	510	800	1106.36	12310
A	Dec 2013	601	41	40	558	9.1	7	556	802	1106.73	12344
L	Jan 2014	800	45	33	605	9.8	8	604	815	1108.75	12531
*	Feb 2014	599	76	31	717	12.9	8	716	810	1107.94	12456
	Mar 2014	505	68	34	1061	17.3	13	1061	777	1102.43	11953
	Apr 2014	500	80	41	1161	19.5	19	1161	738	1095.67	11352
	May 2014	513	60	46	1052	17.1	32	1052	704	1089.67	10829
	Jun 2014	600	23	55	944	15.9	29	944	679	1085.22	10449
	Jul 2014	800	64	67	918	14.9	32	918	670	1083.52	10305
	Aug 2014	800	116	71	821	13.4	28	821	670	1083.47	10301
	Sep 2014	600	97	59	682	11.5	19	682	666	1082.77	10242
	WY 2014	**7480**	**823**	**570**	**9766**		**225**	**9743**			
	Oct 2014	600	52	43	563	9.2	21	563	667	1083.05	10265
	Nov 2014	600	52	43	613	10.3	12	613	666	1082.88	10251
	Dec 2014	800	95	37	572	9.3	6	572	683	1085.99	10514
	Jan 2015	800	75	31	726	11.8	14	726	690	1087.14	10612
	Feb 2015	650	78	28	695	12.5	16	695	689	1087.02	10602
	Mar 2015	650	68	31	1047	17.0	20	1047	666	1082.80	10244
	Apr 2015	600	80	38	1133	19.0	13	1133	635	1077.09	9771
	May 2015	650	60	43	1016	16.5	23	1016	612	1072.78	9422
	Jun 2015	800	23	51	951	16.0	21	951	600	1070.43	9234
	Jul 2015	1000	64	64	875	14.2	27	875	606	1071.58	9326
	Aug 2015	1050	116	68	835	13.6	22	835	621	1074.39	9552
	Sep 2015	800	97	57	651	10.9	17	651	631	1076.37	9713
	WY 2015	**9000**	**861**	**534**	**9678**		**213**	**9678**			
	Oct 2015	600	52	42	479	7.8	16	479	638	1077.69	9821
	Nov 2015	600	52	42	613	10.3	22	613	637	1077.41	9797
	Dec 2015	800	95	36	514	8.4	17	514	657	1081.13	10105
	Jan 2016	800	75	30	639	10.4	7	639	669	1083.36	10292
	Feb 2016	650	78	28	702	12.2	9	702	668	1083.25	10282

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2165

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 2014 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Mar 2013	987	-11	13	956	0	956	15.5	642.06	1673
H	Apr 2013	1103	-20	17	1017	0	1017	17.1	643.87	1723
I	May 2013	1007	-15	22	959	0	959	15.6	644.24	1733
S	Jun 2013	948	-16	26	928	0	928	15.6	643.45	1711
T	Jul 2013	865	-24	26	810	0	810	13.2	643.66	1717
O	Aug 2013	808	-16	23	749	0	749	12.2	644.35	1736
R	Sep 2013	599	-11	18	681	0	681	11.4	640.23	1624
	WY 2013	**9043**	**-158**	**198**	**8669**	**0**	**8669**			
I	Oct 2013	733	-13	15	768	0	768	12.5	637.86	1560
C	Nov 2013	513	4	11	531	0	531	8.9	636.95	1537
A	Dec 2013	558	-10	9	470	0	470	7.6	639.57	1606
L	Jan 2014	605	-7	10	552	0	552	9.0	640.94	1643
*	Feb 2014	717	-22	10	658	0	658	11.9	641.96	1670
	Mar 2014	1061	-15	13	1018	0	1018	16.6	642.50	1685
	Apr 2014	1161	-17	17	1113	0	1113	18.7	643.00	1699
	May 2014	1052	-13	22	1018	0	1018	16.5	643.00	1699
	Jun 2014	944	-14	25	932	0	932	15.7	642.00	1671
	Jul 2014	918	-10	25	896	0	896	14.6	641.50	1658
	Aug 2014	821	-11	23	788	0	788	12.8	641.50	1658
	Sep 2014	682	-4	18	753	0	753	12.7	638.00	1564
	WY 2014	**9766**	**-132**	**197**	**9496**	**0**	**9496**			
	Oct 2014	563	-2	15	676	0	676	11.0	633.00	1434
	Nov 2014	613	-13	10	538	0	538	9.0	635.00	1486
	Dec 2014	572	-17	9	449	0	449	7.3	638.71	1583
	Jan 2015	726	-14	10	619	0	619	10.1	641.80	1666
	Feb 2015	695	-10	10	674	0	674	12.1	641.80	1666
	Mar 2015	1047	-15	13	985	0	985	16.0	643.05	1700
	Apr 2015	1133	-17	17	1100	0	1100	18.5	643.00	1699
	May 2015	1016	-13	22	981	0	981	16.0	643.00	1699
	Jun 2015	951	-14	25	939	0	939	15.8	642.00	1671
	Jul 2015	875	-10	25	853	0	853	13.9	641.50	1658
	Aug 2015	835	-11	23	802	0	802	13.0	641.50	1658
	Sep 2015	651	-4	18	722	0	722	12.1	638.00	1564
	WY 2015	**9678**	**-141**	**197**	**9340**	**0**	**9340**			
	Oct 2015	479	-2	15	592	0	592	9.6	633.00	1434
	Nov 2015	613	-13	10	539	0	539	9.1	635.00	1486
	Dec 2015	514	-17	9	391	0	391	6.4	638.71	1583
	Jan 2016	639	-14	10	532	0	532	8.7	641.80	1666
	Feb 2016	702	-10	10	682	0	682	11.8	641.80	1666

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 2014 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	Mar 2013	956	7	9	680	11.1	98	180	447.58	572	191	3.1
H	Apr 2013	1017	13	11	765	12.9	84	148	448.35	587	185	3.1
I	May 2013	959	20	13	677	11.0	97	174	448.76	595	98	1.5
S	Jun 2013	928	15	16	688	11.6	104	129	448.45	589	98	1.7
T	Jul 2013	810	27	17	626	10.2	100	80	448.51	590	110	1.8
O	Aug 2013	749	37	17	552	9.0	99	95	449.22	604	109	1.8
R	Sep 2013	681	23	15	486	8.2	91	149	446.96	560	96	1.6
	WY 2013	**8669**	**246**	**141**	**6389**		**780**	**1521**			**1477**	
I	Oct 2013	768	19	12	467	7.6	99	186	447.91	578	70	1.1
C	Nov 2013	531	23	9	314	5.3	77	142	448.37	587	89	1.5
A	Dec 2013	470	8	7	285	4.6	99	138	445.37	531	100	1.6
L	Jan 2014	552	13	6	353	5.7	101	84	446.23	547	131	2.1
*	Feb 2014	658	21	8	450	8.1	48	130	448.13	582	156	2.9
	Mar 2014	1018	17	9	755	12.3	90	184	447.50	571	257	4.2
	Apr 2014	1113	21	11	824	13.9	105	176	448.00	580	237	4.0
	May 2014	1018	21	13	709	11.5	108	183	448.70	593	122	2.0
	Jun 2014	932	17	16	686	11.5	105	129	448.70	593	111	1.9
	Jul 2014	896	29	17	709	11.5	108	90	448.00	580	119	1.9
	Aug 2014	788	27	17	598	9.7	108	89	447.50	571	100	1.6
	Sep 2014	753	25	15	537	9.0	105	126	446.81	557	89	1.5
	WY 2014	**9496**	**239**	**139**	**6688**		**1153**	**1658**			**1584**	
	Oct 2014	676	25	12	441	7.2	108	143	446.31	548	55	0.9
	Nov 2014	538	31	8	361	6.1	95	96	446.50	552	103	1.7
	Dec 2014	449	23	6	269	4.4	99	94	446.50	552	108	1.7
	Jan 2015	619	16	6	351	5.7	98	175	446.50	552	125	2.0
	Feb 2015	674	11	8	456	8.2	88	127	446.50	552	156	2.8
	Mar 2015	985	17	9	709	11.5	98	174	446.70	555	201	3.3
	Apr 2015	1100	21	11	801	13.5	95	169	448.70	593	212	3.6
	May 2015	981	21	13	707	11.5	98	172	448.70	593	111	1.8
	Jun 2015	939	17	16	696	11.7	95	136	448.70	593	109	1.8
	Jul 2015	853	29	17	729	11.9	98	38	448.00	580	111	1.8
	Aug 2015	802	27	17	641	10.4	98	69	447.50	571	105	1.7
	Sep 2015	722	25	15	566	9.5	70	101	446.81	557	102	1.7
	WY 2015	**9340**	**263**	**139**	**6725**		**1140**	**1494**			**1498**	
	Oct 2015	592	25	12	461	7.5	24	124	446.31	548	65	1.1
	Nov 2015	539	31	8	382	6.4	24	147	446.50	552	99	1.7
	Dec 2015	391	23	6	287	4.7	24	91	446.50	552	105	1.7
	Jan 2016	532	16	6	348	5.7	98	92	446.50	552	125	2.0
	Feb 2016	682	11	8	437	7.6	88	152	446.50	552	156	2.7

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 2014 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Mar 2013	987	16.1	1118.59	13465	-346	472.93	1073.0	425.6	59	431.1
H	Apr 2013	1103	18.5	1112.91	12921	-544	463.52	1042.0	467.6	57	423.9
I	May 2013	1007	16.4	1108.36	12495	-426	463.02	1353.0	419.9	75	417.1
S	Jun 2013	948	15.9	1105.98	12276	-219	460.72	1726.0	388.1	97	409.5
T	Jul 2013	865	14.1	1105.92	12270	-5	460.74	1753.0	348.3	100	402.7
O	Aug 2013	808	13.1	1106.13	12289	19	461.35	1737.0	325.9	100	403.4
R	Sep 2013	599	10.1	1106.92	12362	73	464.61	1737.0	242.5	100	405.1
	WY 2013	**9043**							**3770.1**		
I	Oct 2013	733	11.9	1104.04	12099	-263	460.18	1332.0	300.5	77	410.1
C	Nov 2013	513	8.6	1106.36	12310	212	465.65	1179.0	209.8	68	408.7
A	Dec 2013	558	9.1	1106.73	12344	34	463.77	1188.0	230.3	68	412.8
L	Jan 2014	605	9.8	1108.75	12531	186	465.47	746.0	250.9	43	414.5
*	Feb 2014	717	12.9	1107.94	12456	-75	461.16	1415.0	298.2	81	415.9
	Mar 2014	1061	17.3	1102.43	11953	-502	455.20	1234.0	443.1	71	417.6
	Apr 2014	1161	19.5	1095.67	11352	-601	448.63	1210.0	485.8	72	418.5
	May 2014	1052	17.1	1089.67	10829	-523	441.14	1335.0	421.7	81	400.8
	Jun 2014	944	15.9	1085.22	10449	-380	434.95	1515.0	372.4	93	394.4
	Jul 2014	918	14.9	1083.52	10305	-144	431.67	1613.0	355.5	100	387.3
	Aug 2014	821	13.4	1083.47	10301	-4	430.96	1611.0	320.3	100	390.1
	Sep 2014	682	11.5	1082.77	10242	-59	431.73	1606.0	261.7	100	383.6
	WY 2014	**9766**							**3950.3**		
	Oct 2014	563	9.2	1083.05	10265	23	435.61	1313.0	216.3	82	384.0
	Nov 2014	613	10.3	1082.88	10251	-14	438.72	1099.0	241.9	68	395.0
	Dec 2014	572	9.3	1085.99	10514	263	436.28	1418.0	220.1	87	384.6
	Jan 2015	726	11.8	1087.14	10612	98	438.84	1023.0	289.4	63	398.5
	Feb 2015	695	12.5	1087.02	10602	-10	437.79	1106.0	277.1	68	399.0
	Mar 2015	1047	17.0	1082.80	10244	-358	434.04	1266.0	413.6	79	395.0
	Apr 2015	1133	19.0	1077.09	9771	-473	428.82	1225.0	449.2	78	396.6
	May 2015	1016	16.5	1072.78	9422	-349	423.88	1205.0	390.4	78	384.3
	Jun 2015	951	16.0	1070.43	9234	-188	418.54	1538.0	360.2	100	378.7
	Jul 2015	875	14.2	1071.58	9326	92	418.43	1544.0	333.7	100	381.3
	Aug 2015	835	13.6	1074.39	9552	226	420.55	1534.9	318.7	100	381.5
	Sep 2015	651	10.9	1076.37	9713	161	424.06	1546.0	244.0	100	374.9
	WY 2015	**9678**							**3754.7**		
	Oct 2015	479	7.8	1077.69	9821	108	429.77	1268.5	184.0	82	383.8
	Nov 2015	613	10.3	1077.41	9797	-23	433.34	1062.0	239.6	68	390.6
	Dec 2015	514	8.4	1081.13	10105	308	431.16	1373.4	199.0	87	387.4
	Jan 2016	639	10.4	1083.36	10292	187	434.54	994.5	251.5	63	393.4
	Feb 2016	702	12.2	1083.25	10282	-9	434.04	1074.7	276.8	68	394.5

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 2014 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Mar 2013	956	15.5	642.06	1673	8	140.26	191.3	120.2	75	125.8
H	Apr 2013	1017	17.1	643.87	1723	49	142.09	252.5	128.5	99	126.3
I	May 2013	959	15.6	644.24	1733	10	143.40	244.8	121.8	96	127.0
S	Jun 2013	928	15.6	643.45	1711	-22	141.69	247.4	116.9	97	126.0
T	Jul 2013	810	13.2	643.66	1717	6	141.93	249.9	102.9	98	127.1
O	Aug 2013	749	12.2	644.35	1736	19	143.01	255.0	92.1	100	122.9
R	Sep 2013	681	11.4	640.23	1624	-112	138.83	255.0	89.1	100	130.8
	WY 2013	**8669**							**1092.0**		
I	Oct 2013	768	12.5	637.86	1560	-63	136.18	196.4	94.7	77	123.3
C	Nov 2013	531	8.9	636.95	1537	-24	137.13	158.1	61.5	62	115.9
A	Dec 2013	470	7.6	639.57	1606	69	136.36	173.4	59.4	68	126.5
L	Jan 2014	552	9.0	640.94	1643	37	139.11	163.2	68.9	64	124.9
*	Feb 2014	658	11.9	641.96	1670	28	138.63	173.4	84.5	68	128.3
	Mar 2014	1018	16.6	642.50	1685	15	135.30	252.5	126.3	99	124.1
	Apr 2014	1113	18.7	643.00	1699	14	135.78	255.0	138.0	100	124.0
	May 2014	1018	16.5	643.00	1699	0	136.04	255.0	127.0	100	124.8
	Jun 2014	932	15.7	642.00	1671	-27	135.51	255.0	116.2	100	124.6
	Jul 2014	896	14.6	641.50	1658	-14	134.73	255.0	111.3	100	124.3
	Aug 2014	788	12.8	641.50	1658	0	134.46	255.0	98.2	100	124.6
	Sep 2014	753	12.7	638.00	1564	-94	132.62	255.0	92.7	100	123.1
	WY 2014	**9496**							**1178.8**		
	Oct 2014	676	11.0	633.00	1434	-130	129.88	196.4	81.1	77	119.9
	Nov 2014	538	9.0	635.00	1486	51	129.62	158.1	64.2	62	119.2
	Dec 2014	449	7.3	638.71	1583	97	132.06	173.4	55.0	68	122.5
	Jan 2015	619	10.1	641.80	1666	83	135.97	163.2	77.1	64	124.5
	Feb 2015	674	12.1	641.80	1666	0	137.17	173.4	84.4	68	125.1
	Mar 2015	985	16.0	643.05	1700	34	135.44	255.0	122.5	100	124.4
	Apr 2015	1100	18.5	643.00	1699	-2	136.07	255.0	136.7	100	124.3
	May 2015	981	16.0	643.00	1699	0	136.04	255.0	122.6	100	125.0
	Jun 2015	939	15.8	642.00	1671	-27	135.51	255.0	117.0	100	124.6
	Jul 2015	853	13.9	641.50	1658	-14	134.73	255.0	106.2	100	124.5
	Aug 2015	802	13.0	641.50	1658	0	134.46	255.0	99.9	100	124.6
	Sep 2015	722	12.1	638.00	1564	-94	132.62	255.0	89.0	100	123.3
	WY 2015	**9340**							**1155.8**		
	Oct 2015	592	9.6	633.00	1434	-130	129.88	196.4	71.3	77	120.4
	Nov 2015	539	9.1	635.00	1486	51	129.62	158.1	64.3	62	119.2
	Dec 2015	391	6.4	638.71	1583	97	132.06	173.4	48.0	68	122.9
	Jan 2016	532	8.7	641.80	1666	83	135.97	163.2	66.5	64	125.0
	Feb 2016	682	11.8	641.80	1666	0	137.17	173.4	85.4	68	125.2

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2165

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 2014 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Mar 2013	680	11.1	447.58	572	-10	81.73	120.0	46.8	100	68.9
H	Apr 2013	765	12.9	448.35	587	15	82.42	97.2	51.1	81	66.8
I	May 2013	677	11.0	448.76	595	8	80.83	104.4	46.4	87	68.6
S	Jun 2013	688	11.6	448.45	589	-6	82.20	117.6	47.4	98	68.9
T	Jul 2013	626	10.2	448.51	590	1	80.88	120.0	43.4	100	69.3
O	Aug 2013	552	9.0	449.22	604	14	82.71	120.0	37.0	100	67.0
R	Sep 2013	486	8.2	446.96	560	-43	80.66	120.0	34.5	100	71.0
	WY 2013	**6389**							**439.1**		
I	Oct 2013	467	7.6	447.91	578	18	83.28	96.0	31.7	80	67.9
C	Nov 2013	314	5.3	448.37	587	9	82.63	92.4	22.1	77	70.5
A	Dec 2013	285	4.6	445.37	531	-56	80.69	91.2	19.0	76	66.8
L	Jan 2014	353	5.7	446.23	547	16	80.02	90.0	24.2	75	68.4
*	Feb 2014	450	8.1	448.13	582	35	82.38	92.4	31.2	77	69.4
	Mar 2014	755	12.3	447.50	571	-12	75.77	106.8	50.2	89	66.5
	Apr 2014	824	13.9	448.00	580	9	75.13	120.0	54.5	100	66.1
	May 2014	709	11.5	448.70	593	13	75.71	120.0	47.0	100	66.2
	Jun 2014	686	11.5	448.70	593	0	76.05	120.0	45.6	100	66.5
	Jul 2014	709	11.5	448.00	580	-13	75.71	120.0	47.0	100	66.2
	Aug 2014	598	9.7	447.50	571	-9	75.13	120.0	39.1	100	65.4
	Sep 2014	537	9.0	446.81	557	-13	74.55	120.0	34.8	100	64.9
	WY 2014	**6688**							**446.5**		
	Oct 2014	441	7.2	446.31	548	-9	74.77	102.0	28.5	85	64.6
	Nov 2014	361	6.1	446.50	552	3	74.62	102.0	23.1	85	63.9
	Dec 2014	269	4.4	446.50	552	0	74.71	102.0	16.8	85	62.6
	Jan 2015	351	5.7	446.50	552	0	74.71	102.0	22.4	85	63.8
	Feb 2015	456	8.2	446.50	552	0	73.92	120.0	29.3	100	64.2
	Mar 2015	709	11.5	446.70	555	4	74.01	120.0	46.0	100	64.9
	Apr 2015	801	13.5	448.70	593	38	75.08	120.0	52.9	100	66.0
	May 2015	707	11.5	448.70	593	0	76.05	120.0	47.0	100	66.5
	Jun 2015	696	11.7	448.70	593	0	76.05	120.0	46.3	100	66.5
	Jul 2015	729	11.9	448.00	580	-13	75.71	120.0	48.3	100	66.3
	Aug 2015	641	10.4	447.50	571	-9	75.13	120.0	42.1	100	65.6
	Sep 2015	566	9.5	446.81	557	-13	74.55	120.0	36.8	100	65.0
	WY 2015	**6725**							**439.3**		
	Oct 2015	461	7.5	446.31	548	-9	74.77	102.0	29.8	85	64.7
	Nov 2015	382	6.4	446.50	552	3	74.62	102.0	24.5	85	64.1
	Dec 2015	287	4.7	446.50	552	0	74.71	102.0	18.1	85	62.9
	Jan 2016	348	5.7	446.50	552	0	74.71	102.0	22.2	85	63.7
	Feb 2016	437	7.6	446.50	552	0	73.92	120.0	28.0	100	64.0

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2165

Processed On: 3/13/2014 2:26:16PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 2014 24-Month Study

Most Probable Inflow*

Upper Basin Power

	Date	Glen Canyon 1000 MWHR	Flaming Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Reservoir 1000 MWHR	Fontenelle Reservoir 1000 MWHR
*	Mar 2013	258	20	4	5	2	3
	Winter 2013	**1721**	**140**	**28**	**41**	**13**	**17**
H	Apr 2013	235	19	10	14	8	3
I	May 2013	257	26	15	23	15	3
S	Jun 2013	344	52	18	26	16	3
T	Jul 2013	361	26	26	35	20	3
O	Aug 2013	338	26	23	31	18	3
R	Sep 2013	253	25	17	24	14	3
	Summer 2013	**1789**	**173**	**108**	**153**	**90**	**19**
I	Oct 2013	202	19	12	16	10	1
C	Nov 2013	231	18	3	0	1	4
A	Dec 2013	253	19	3	0	1	5
L	Jan 2014	337	19	3	0	0	4
*	Feb 2014	247	17	3	4	0	4
	Mar 2014	190	18	12	15	8	6
	Winter 2014	**1460**	**109**	**36**	**35**	**21**	**23**
	Apr 2014	189	17	23	34	19	6
	May 2014	199	38	38	61	23	6
	Jun 2014	241	104	25	39	22	7
	Jul 2014	328	45	35	43	23	9
	Aug 2014	328	45	39	46	23	8
	Sep 2014	246	43	35	42	21	3
	Summer 2014	**1531**	**291**	**195**	**266**	**132**	**39**
	Oct 2014	245	45	21	26	14	7
	Nov 2014	244	43	12	15	8	7
	Dec 2014	324	44	32	39	20	7
	Jan 2015	323	44	23	29	15	6
	Feb 2015	261	40	14	19	10	5
	Mar 2015	261	44	9	13	7	5
	Winter 2015	**1659**	**261**	**112**	**142**	**73**	**38**
	Apr 2015	240	43	12	19	11	5
	May 2015	264	57	35	53	23	7
	Jun 2015	333	77	21	32	21	9
	Jul 2015	421	36	35	42	23	10
	Aug 2015	440	36	38	45	23	9
	Sep 2015	334	35	35	42	21	3
	Summer 2015	**1258**	**213**	**104**	**146**	**79**	**30**
	Oct 2015	249	36	22	26	14	6
	Nov 2015	249	35	12	16	8	6
	Dec 2015	330	36	27	34	17	6
	Jan 2016	328	36	23	29	15	5
	Feb 2016	266	34	15	19	10	5

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2165

Processed On: 3/13/2014 2:26:16PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 2014 24-Month Study

Most Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions

Date	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Total KAF	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****EFFECTIVE SPACE****										
Mar 2014	1,086	431	730	14759	17006	14921	31927	845	430	427	1701	14759	14921	31381	1500	1061	0	28.5
Apr 2014	1,026	437	681	14704	16848	15424	32272	779	437	374	1590	14704	15424	31717	1500	1161	0	28.5
May 2014	924	428	607	14271	16230	16025	32255	667	428	280	1375	14271	16025	31670	1500	1052	0	30.2
Jun 2014	694	279	445	12618	14036	16548	30584	419	267	82	768	12618	16548	29935	1500	944	0	32.2
Jul 2014	508	44	429	10694	11676	16928	28605	219	11	14	243	10694	16928	27866	1500	918	0	32.2
								****CREDITABLE SPACE****										
Aug 2014	311	27	472	10722	11532	17072	28605	311	27	472	810	10722	17072	28605	1500	821	0	31.8
Sep 2014	326	78	515	10941	11860	17076	28937	326	78	515	919	10941	17076	28937	2270	682	0	31.4
Oct 2014	382	137	538	11040	12097	17135	29232	382	137	538	1057	11040	17135	29232	3040	563	0	31.2
Nov 2014	439	162	536	11092	12228	17112	29340	439	162	536	1136	11092	17112	29340	3810	613	0	31.0
Dec 2014	503	168	543	11183	12396	17126	29522	503	168	543	1213	11183	17126	29522	4580	572	0	30.9
Jan 2015	590	248	554	11452	12844	16863	29707	590	248	554	1392	11452	16863	29707	5350	726	0	30.7
								****EFFECTIVE SPACE****										
Jan 2015	590	248	554	11452	12844	16863	29707	229	248	464	941	11452	16863	29257	5350	726	0	30.7
Feb 2015	672	301	567	11732	13273	16765	30038	311	301	476	1088	11732	16765	29586	1500	695	0	30.4
Mar 2015	739	326	569	11896	13530	16775	30305	376	326	477	1179	11896	16775	29850	1500	1047	0	30.1
Apr 2015	762	321	520	11935	13537	17133	30670	395	321	425	1141	11935	17133	30209	1500	1133	0	30.0
May 2015	751	289	436	11682	13159	17606	30764	379	289	321	989	11682	17606	30277	1500	1016	0	31.2
Jun 2015	672	199	279	10474	11625	17955	29580	290	197	127	615	10474	17955	29043	1500	951	0	32.7
Jul 2015	508	31	243	9174	9956	18143	28099	112	5	37	155	9174	18143	27471	1500	875	0	32.8
								****CREDITABLE SPACE****										
Aug 2015	415	27	264	9229	9935	18051	27987	415	27	264	706	9229	18051	27987	1500	835	0	32.4
Sep 2015	439	77	293	9693	10502	17825	28327	439	77	293	809	9693	17825	28327	2270	651	0	32.1
Oct 2015	491	146	305	9979	10921	17664	28586	491	146	305	943	9979	17664	28586	3040	479	0	31.9
Nov 2015	538	174	297	10036	11046	17556	28602	538	174	297	1010	10036	17556	28602	3810	613	0	31.8
Dec 2015	586	184	302	10140	11212	17580	28792	586	184	302	1072	10140	17580	28792	4580	514	0	31.7
Jan 2016	651	248	314	10447	11660	17272	28932	651	248	314	1213	10447	17272	28932	5350	639	0	31.6
								****EFFECTIVE SPACE****										
Jan 2016	651	248	314	10447	11660	17272	28932	303	248	199	750	10447	17272	28469	5350	639	0	31.6
Feb 2016	710	301	327	10749	12088	17085	29173	361	301	212	874	10749	17085	28709	1500	702	0	31.3

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2165

Processed On: 3/13/2014 2:26:16PM

April 24-Month Study
Date: April 10, 2014

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

Reservoir	March Inflow (unregulated) (acre-feet)	Percent of Average (%)	April 9 Midnight Elevation (feet)	Reservoir Storage (acre-feet)
Fontenelle	56,000	106	6468.70	113,000
Flaming Gorge	86,000	84	6018.59	2,930,000
Blue Mesa	32,000	89	7466.56	413,000
Navajo	52,000	56	6029.43	1,003,000
Powell	509,000	76	3574.31	9,460,000

Expected Operations

The operation of Lake Powell and Lake Mead in this April 2014 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines), and reflects the 2014 Annual Operating Plan (AOP). Pursuant to the Interim Guidelines, the August 2013 24-Month Study projections of the January 1, 2014, system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2014.

Consistent with Section 6.C.1 of the Interim Guidelines, the Lake Powell operational tier for water year 2014 is the Mid-Elevation Release Tier with an annual release volume of 7.48 maf.

Consistent with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar year 2014.

The Interim Guidelines are available for download at
http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The 2014 AOP is available for download at
http://www.usbr.gov/lc/region/g4000/aop/AOP14.pdf.

Fontenelle Reservoir – Inflows to Fontenelle Reservoir for the month of March were 56,000 acre-feet (AF), or 106 percent of average. The reservoir elevation is 6469 feet, 33 percent of live capacity. Inflows are averaging 1,000 cubic feet per second (cfs). Fontenelle releases are currently at 1,420 cfs and are expected to begin increasing in anticipation of spring runoff toward the end of April.

Inflows for the next three months are projected to be above average: with April, May and June forecasted inflow volumes at 105,000 AF (123% of average), 260,000 AF (159% of average), and 515,000 AF (172% of average), respectively. The April final forecast of the April-July inflow volume is 1,210,000 AF (167% of average).

The next Fontenelle Working Group meeting is scheduled for April 23, 2014, at 10:00 am at the Seedskadee National Wildlife Refuge. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir.

Flaming Gorge Reservoir – Unregulated inflow into Flaming Gorge Reservoir during the month of March was 86,000 acre-feet (AF), or 84 percent of average. The reservoir elevation is 6018.6 feet. Observed inflows are averaging 2,000 cubic feet per second (cfs).

Flaming Gorge releases are currently 830 cfs steady minimum releases and are anticipated to remain at this level through winter until spring runoff beings sometime in April or May.

Inflows for the next three months are projected to be above average: with April, May and June forecasted inflow volumes at 140,000 AF (105% of average), 340,000 AF (139% of average), and 570,000 AF (146% of average), respectively. The April final forecast of the April-July unregulated inflow volume into Flaming Gorge Reservoir is 1,400,000 AF (143% of average). Based on the April final forecast, the spring hydrologic classification will be moderately wet.

The next Flaming Gorge Working Group meeting is scheduled for April 24, 2014, at 11:00 a.m. to be held in the Utah Department of Natural Resources building in Vernal, Utah. The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stake holders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations and plans presented by Reclamation at these meetings. Meeting notes from past Working Group meetings are posted on the Working Group webpage. For more information on this group and these meetings please contact Ed Vidmar at 801-379-1182.

Aspinall Unit Reservoirs – March unregulated inflow into Blue Mesa Reservoir was 32,000 acre-feet or 89 percent of average. On April 8, 2014 the basin snowpack was 108 percent of average; which is a decrease of about 6 percent from last month. Precipitation during March was 80 percent of average. The current inflow rate into Blue Mesa

Reservoir is about 900 cfs while reservoir releases are averaging about 700 cfs. The reservoir elevation is currently at 7466.41 feet, which corresponds to a storage content of about 412,000 acre-feet.

The latest Water Supply Forecast for Water Year 2014 has been issued and the April through July unregulated inflow is forecasted to be at 850,000 acre-feet (126% of average), this is the same as last month's forecast. If this forecast holds through May 1st, the Black Canyon Water Right would call for a one day peak flow of 6,400 cfs, and the Aspinall ROD would call for a 10 day peak flow of 14,350 cfs. At this time Reclamation plans to continue to operate the Aspinall Unit to meet both the water right and ROD recommendations. Based on this forecast and the combination of meeting water right and ROD this coming spring, Blue Mesa Reservoir is projected fill this runoff season. The projected fill is calculated to be between 7516.4 feet and 7519.4 feet. Any elevation above 7516.00 is considered a fill for the season.

Releases from Crystal are currently set at 850 cfs. The Gunnison Diversion Tunnel started taking water for the new season on March 27, 2014. The current diversion rate in the tunnel is 400 cfs, which results in a river flow below the diversion tunnel of approximately 450 cfs. These rates will most likely change as conditions warrant, primarily as we respond to changes in the forecasted spring inflows.

The next meeting of the "Aspinall Unit Working Group" will be held on Thursday, April 24, 2014 starting at 1:00 PM in Reclamation's Grand Junction Office. At this meeting, review of this winter's reservoir operations, and plans for this spring and summer operations will be discussed. These meetings are open forum discussions on the Aspinall Unit reservoir operations with many interested groups participating. Anyone needing further information about these meetings should contact Erik Knight in the Grand Junction Area Office at (970) 248-0629.

Navajo Reservoir – Reclamation has been releasing 350 cfs from Navajo Reservoir since April 3rd, 2014. Releases are made for the authorized purposes of the Navajo Unit, and to attempt to maintain a target base flow through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell). The San Juan River Basin Recovery Implementation Program recommends a target base flow of between 500 cfs and 1,000 cfs through the critical habitat area. The target base flow is calculated as the weekly average of gaged flows throughout the critical habitat area.

Navajo was at 6028.76 ft of pool elevation and 996,146 acre-ft of storage by the end of March, which was 76% of average for the end of the month. Modified unregulated inflow was 52,373 acre-ft, which was 57% of average for March. Calculated evaporation for the month was 1257 acre-ft. Navajo released 300 cfs through March 17th, and then reduced to 250 cfs for the rest of the month. Navajo Reservoir recorded 1.07 inches of liquid precipitation (99% of average).

As of April 6th, the release at Navajo is 250 cfs, and the observed inflow is 898 cfs. The reservoir elevation is 6028.98 ft and the content is 998,338 acre-ft, or 59% full (32% of Active). The San Juan River at Four Corners USGS gage is at 584 cfs and the Animas River at Farmington USGS gage is at 112 cfs.

The most probable modified-unregulated inflow forecast for April at Navajo is 112,000 acre-ft (66% of average), for May is 220,000 acre-ft (79% of average), and for June is 150,000 acre-ft (67% of average). The April-July total inflow forecasts are as follows: Min Probable: 370,000 acre-ft (50% of average), Most Probable: 510,000 acre-ft (69% of average), Max Probable: 660,000 acre-ft (90% of average).

Under the San Juan River Basin Recovery Implementation Program (SJRIP) Flow Recommendations (1999), a spring peak release of 5,000 cfs for 1 week (80,000 acre-ft) is recommended for 2014. However, Reclamation and SJRIP have agreed to forego the spring peak release for 2014 in the interests of recovering the reservoir and reducing the risk of a shortage.

The next coordination meeting for the operation of the Navajo Unit will be on Tuesday, April 22, 2014, from 1:00-3:00 p.m. It will be held at the Farmington Civic Center, 200 West Arrington, in Farmington, New Mexico. These meetings are open forum discussions on the operation of Navajo Reservoir with many interested groups participating. Anyone interested in the general operation of the reservoir is encouraged to attend. Please contact Ryan Christianson in Reclamation's Durango, Colorado Office at (970) 385-6590 for information about these meetings or the daily operation of Navajo Reservoir.

Glen Canyon Dam / Lake Powell

Current Status

The unregulated inflow volume to Lake Powell in March was 509 thousand acre-feet (kaf) (76% of average). The release volume from Glen Canyon Dam in March was 504 kaf. The end of March elevation and storage of Lake Powell were 3,574.8 feet (125 feet from full pool) and 9.50 million acre-feet (maf) (39% of full capacity), respectively. The reservoir elevation is nearing the anticipated seasonal low and will likely remain near the current elevation until increasing when runoff begins in late spring. Snowpack is currently about 112% of median for this time of year and is likely nearing the seasonal peak.

Current Operations

The operating tier for water year 2014 is the Mid-Elevation Release Tier with an annual release volume of 7.48 maf, as established in August 2013 and pursuant to the Interim Guidelines, Section 6.C.1. Reclamation will schedule operations at Glen Canyon Dam to achieve as practicably as possible a 7.48 maf annual release by September 30, 2014.
In April, the release volume will likely be approximately 500 kaf, with fluctuations between about 6,000 cfs in the nighttime to about 11,000 cfs in the daytime and

consistent with the Glen Canyon Operating Criteria (Federal Register, Volume 62, No. 41, March 3, 1997). In May, the release volume will likely be approximately 510 kaf with daily fluctuations between about 6,000 cfs and 11,000 cfs. The anticipated release volume for June is about 600 kaf with fluctuations between approximately 7,000 cfs and 13,000 cfs.

In addition to daily scheduled fluctuations for power generation, the instantaneous releases from Glen Canyon Dam may also fluctuate to provide 40 MW of system regulation. These instantaneous release adjustments stabilize the electrical generation and transmission system and translate to a range of about 1,200 cfs above or below the hourly scheduled release rate. Under system normal conditions, fluctuations for regulation are typically short lived and generally balance out over the hour with minimal or no noticeable impacts on downstream river flow conditions.

Releases from Glen Canyon Dam can also fluctuate beyond scheduled fluctuations for power generation when called upon as a partner that shares reserve requirements within the electrical generator community (i.e. balancing authority). Reserves provide system reliability in the event of an unscheduled outage. Glen Canyon Dam typically maintains 41 MW of reserves (approximately 1,200 cfs). Reserve calls can be maintained for a maximum of 2 hours after which time the generation rate should be returned to the original schedule. If reserves from Glen Canyon Dam are called upon, releases from the dam can exceed scheduled levels and can have a noticeable impact on the river downstream from Glen Canyon Dam. Calls for reserves are fairly infrequent and typically are for much less than 41 MW.

Inflow Forecasts and Model Projections

The forecast for the 2014 April to July water supply season for Lake Powell, issued on April 2, 2014 by the Colorado Basin River Forecast Center, projects that the most probable (median) unregulated inflow volume will be 7.85 maf (110% of average based on the period 1981-2010). The April-July forecast decreased by 0.45 million acre-feet since last month. The winter snow accumulation season has tracked slightly above average over the past month (currently 112% of median). We are nearing the end of the typical snow accumulation season and spring runoff is expected to begin in many subbasins over the next month. However, the timing and final volume of spring runoff is still uncertain. The April-July forecast ranges from a minimum probable of 5.80 maf (81% of average) to a maximum probable of 10.3 maf (144% of average). (For reference, the 30-year April-July average is 7.16 maf.) There is a 10 percent chance that inflows could be higher than the maximum probable and a 10 percent chance they could be lower than the minimum probable.

Based on the current forecast, the April 24-Month study projects Lake Powell elevation will peak near approximately 3,614 feet near the end of June and end the water year near 3,610 feet with approximately 12.71 maf in storage (52% capacity). Note that projections of elevation and storage have uncertainty at this point in the season, primarily due to uncertainty regarding the spring runoff and resulting inflow to Lake Powell. Under the minimum probable inflow scenario, updated in April, the projected summer peak is 3,599

ft and end of water year storage is 10.98 maf (45% capacity). Under the maximum probable inflow scenario, updated in April, the projected summer peak is 3,631 ft and end of water year storage is 14.93 maf (61% capacity). There is a 10 percent chance that inflows will be higher, resulting in higher elevation and storage, and 10 percent chance that inflows will be lower, resulting in lower elevation and storage. The annual release volume from Lake Powell during water year 2014 is projected to be 7.48 maf under all inflow scenarios.

Consistent with Section 6.C.1 of the Interim Guidelines, the Lake Powell operational tier for water year 2014 is the Mid-Elevation Release Tier with an annual release volume of 7.48 maf. This was determined in the August 2013 24-Month Study and documented in the 2014 Annual Operating Plan signed by Secretary Jewell in December 2013.

The Lake Powell operational tier for water year 2015 under the most probable inflow scenario is the Upper Elevation Balancing Tier with a 9.0 maf annual release volume. Under the minimum probable inflow scenario, the water year 2015 operating tier is the Upper Elevation Balancing Tier with an 8.23 maf annual release volume. Under the maximum probable inflow scenario, the water year 2015 operating tier is the Upper Elevation Balancing Tier with a projected April shift to Equalization and a 10.82 maf annual release volume.

Upper Colorado River Basin Hydrology

The Upper Colorado River Basin regularly experiences significant year to year hydrologic variability. During the 14-year period 2000 to 2013, however, the unregulated inflow to Lake Powell, which is a good measure of hydrologic conditions in the Colorado River Basin, was above average in only 3 out of the past 14 years. The period 2000-2013 is the lowest 14-year period since the closure of Glen Canyon Dam in 1963, with an average unregulated inflow of 8.25 maf, or 76% of the 30-year average (1981-2010). (For comparison, the 1981-2010 total water year average is 10.83maf.) The unregulated inflow during the 2000-2013 period has ranged from a low of 2.64 maf (24% of average) in water year 2002 to a high of 15.97 maf (147% of average) in water year 2011. Under the current forecast, total water year 2014 unregulated inflows to Lake Powell are expected to range between a minimum probable of 8.8 maf (82% of average) and a maximum probable of 13.8 maf (128% of average) with a most probable projection of 11.11 maf (103% of average).

At the beginning of water year 2014, total system storage in the Colorado River Basin was 29.9 maf (50% of 59.6 maf total system capacity). This is about 4 maf less than the total storage at the beginning of water year 2013 which began at 34.0 maf (57% of capacity). Since the beginning of water year 2000, total Colorado Basin storage has experienced year to year increases and decreases in response to wet and dry hydrology, ranging from a high of 94% of capacity at the beginning of 2000 to a low of 50% of capacity at the beginning of water year 2014. One wet year can significantly increase total system reservoir storage, just as persistent dry years can draw down the system storage. Based on current inflow forecasts, the current projected end of water year 2014 total Colorado Basin reservoir storage is approximately 30.6 maf (51% of capacity). The

actual end of water year storage may vary significantly from this projection, primarily due to uncertainty regarding this season's runoff. Based on April minimum and maximum probable inflow forecasts and modeling the range is approximately 28.4 maf (48%) to 33.2 maf (56%), respectively.

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-430
125 SOUTH STATE STREET, ROOM 6107
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-3709

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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:	Obs			mar	Forecast		Outlook		
:	dec	jan	feb	mar	%Avg	apr	may	jun	apr-jul	%Avg
GLDA3:Lake Powell	294	270	330	509	76%:	950/	2800/	3100/	7850/:	110%
GBRW4:Fontenelle	30	29	29	56	106%:	105/	260/	515/	1210/:	167%
GRNU1:Flaming Gorge	32	33	46	86	84%:	140/	340/	570/	1400/:	143%
BMDC2:Blue Mesa	25	22	23	32	89%:	78/	309/	340/	850/:	126%
MPSC2:Morrow Point	26	24	24	33	82%:	90/	345/	367/	930/:	126%
CLSC2:Crystal	30	27	29	39	84%:	101/	393/	412/	1050/:	126%
TPIC2:Taylor Park	4.6	4.7	4.4	4.3	97%:	9/	40/	51/	120/:	121%
VCRC2:Vallecito	6.2	5.6	4.6	7.4	86%:	21/	68/	64/	175/:	90%
NVRN5:Navajo	25	19.3	23	52	56%:	112/	220/	150/	510/:	69%
LEMC2:Lemon	1.22	0.87	0.76	1.41	88%:	5/	20/	16/	45/:	82%
MPHC2:McPhee	4.3	3.3	4.3	8.0	38%:	60/	115/	61/	250/:	85%
RBSC2:Ridgway	4.7	4.1	4.4	5.0	87%:	9.5/	28/	36/	91/:	90%

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2014 24-Month Study

Most Probable Inflow*

Fontenelle Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Apr 2013	51	1	51	0	51	6472.25	128
H	May 2013	108	1	51	0	51	6483.26	185
I	Jun 2013	91	2	47	0	48	6489.79	226
S	Jul 2013	67	2	48	0	48	6492.28	243
T	Aug 2013	32	2	43	0	43	6490.28	229
O	Sep 2013	47	2	42	0	42	6490.87	233
	WY 2013	**575**	**14**	**534**	**57**	**591**		
R	Oct 2013	53	1	19	24	43	6492.11	241
I	Nov 2013	41	1	51	4	55	6489.91	226
C	Dec 2013	30	1	61	0	61	6485.02	195
A	Jan 2014	29	1	61	0	61	6479.35	163
L	Feb 2014	29	0	55	0	55	6474.06	136
*	Mar 2014	56	0	71	0	71	6470.70	121
	Apr 2014	105	1	92	24	116	6467.99	111
	May 2014	260	1	95	151	246	6471.08	124
	Jun 2014	515	2	95	381	476	6478.93	161
	Jul 2014	330	2	106	79	184	6500.73	304
	Aug 2014	110	2	83	0	83	6503.93	329
	Sep 2014	68	2	36	39	74	6502.87	321
	WY 2014	**1626**	**14**	**824**	**701**	**1525**		
	Oct 2014	64	1	77	0	77	6501.08	307
	Nov 2014	49	1	74	0	74	6497.56	281
	Dec 2014	32	1	77	0	77	6491.10	235
	Jan 2015	30	1	77	0	77	6483.72	188
	Feb 2015	28	1	69	0	69	6475.87	146
	Mar 2015	53	0	77	0	77	6470.46	121
	Apr 2015	85	1	74	0	74	6472.82	131
	May 2015	164	1	100	5	105	6483.93	189
	Jun 2015	299	2	103	87	190	6499.61	296
	Jul 2015	178	3	101	30	131	6505.30	340
	Aug 2015	77	2	92	0	92	6503.02	322
	Sep 2015	46	2	36	32	68	6499.84	298
	WY 2015	**1104**	**15**	**958**	**154**	**1112**		
	Oct 2015	49	1	71	0	71	6496.68	274
	Nov 2015	42	1	68	0	68	6492.86	247
	Dec 2015	32	1	71	0	71	6486.91	208
	Jan 2016	30	1	71	0	71	6480.05	167
	Feb 2016	28	0	64	0	64	6472.56	130
	Mar 2016	53	0	71	0	71	6468.23	112

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2014 24-Month Study

Most Probable Inflow*

Flaming Gorge Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	Apr 2013	69	69	5	50	0	50	121	6020.57	3000	149
H	May 2013	135	77	7	67	0	67	121	6020.65	3003	440
I	Jun 2013	91	48	10	135	3	138	117	6017.91	2906	366
S	Jul 2013	66	47	12	68	0	68	116	6016.99	2875	99
T	Aug 2013	22	33	11	68	0	68	114	6015.71	2831	87
O	Sep 2013	67	62	10	66	0	66	113	6015.33	2818	95
	WY 2013	**657**	**673**	**73**	**818**	**3**	**821**				**1744**
R	Oct 2013	68	58	6	51	0	51	113	6015.35	2819	108
I	Nov 2013	41	55	3	48	0	48	114	6015.47	2823	96
C	Dec 2013	32	62	2	49	0	49	114	6015.79	2834	403
A	Jan 2014	33	65	2	49	0	49	115	6016.19	2847	405
L	Feb 2014	46	71	2	45	0	45	116	6016.89	2871	99
*	Mar 2014	86	100	3	49	1	50	117	6018.21	2917	123
	Apr 2014	140	151	5	49	0	49	121	6020.86	3010	49
	May 2014	340	326	7	104	0	104	129	6026.50	3216	104
	Jun 2014	570	531	10	282	97	379	135	6030.08	3352	379
	Jul 2014	350	204	14	121	0	121	138	6031.79	3419	121
	Aug 2014	115	88	13	121	0	121	136	6030.65	3374	121
	Sep 2014	73	79	11	118	0	118	134	6029.41	3326	118
	WY 2014	**1893**	**1793**	**79**	**1087**	**98**	**1185**				**2127**
	Oct 2014	72	84	7	121	0	121	132	6028.30	3284	121
	Nov 2014	57	82	3	118	0	118	131	6027.31	3246	118
	Dec 2014	35	80	2	121	0	121	129	6026.20	3205	121
	Jan 2015	40	87	2	121	0	121	128	6025.26	3170	121
	Feb 2015	45	86	2	110	0	110	127	6024.60	3145	110
	Mar 2015	102	127	3	121	0	121	127	6024.65	3147	121
	Apr 2015	134	122	5	118	0	118	127	6024.66	3148	118
	May 2015	245	186	8	157	0	157	128	6025.23	3169	157
	Jun 2015	390	281	10	211	0	211	130	6026.76	3226	211
	Jul 2015	210	163	13	98	0	98	132	6028.07	3275	98
	Aug 2015	89	104	13	98	0	98	132	6027.91	3269	98
	Sep 2015	55	78	11	95	0	95	130	6027.18	3241	95
	WY 2015	**1473**	**1481**	**79**	**1490**	**0**	**1490**				**1490**
	Oct 2015	59	81	7	98	0	98	129	6026.55	3218	98
	Nov 2015	51	77	3	95	0	95	129	6026.01	3198	95
	Dec 2015	35	74	2	98	0	98	128	6025.32	3172	98
	Jan 2016	40	81	2	98	0	98	127	6024.82	3153	98
	Feb 2016	45	81	2	92	0	92	126	6024.47	3141	92
	Mar 2016	102	120	3	98	0	98	127	6024.97	3159	98

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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Managing Water in the West

April 2014 24-Month Study

Most Probable Inflow*

Taylor Park Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Apr 2013	6	4	9302.94	59
H	May 2013	21	7	9312.29	74
I	Jun 2013	26	12	9320.43	88
S	Jul 2013	9	15	9316.95	81
T	Aug 2013	7	15	9312.37	74
O	Sep 2013	8	12	9309.95	70
	WY 2013	**97**	**83**		
R	Oct 2013	7	6	9310.82	71
I	Nov 2013	5	5	9310.99	71
C	Dec 2013	5	5	9310.93	71
A	Jan 2014	5	5	9310.93	71
L	Feb 2014	4	4	9311.08	72
*	Mar 2014	5	5	9310.72	71
	Apr 2014	9	14	9307.53	66
	May 2014	40	26	9316.11	80
	Jun 2014	51	31	9326.92	100
	Jul 2014	20	29	9322.22	91
	Aug 2014	12	22	9316.69	81
	Sep 2014	9	18	9311.34	72
	WY 2014	**171**	**169**		
	Oct 2014	8	9	9310.50	71
	Nov 2014	5	6	9310.18	70
	Dec 2014	5	6	9309.34	69
	Jan 2015	4	6	9308.29	67
	Feb 2015	4	6	9306.85	65
	Mar 2015	4	6	9305.82	63
	Apr 2015	9	6	9307.64	66
	May 2015	28	18	9314.03	76
	Jun 2015	42	20	9325.98	98
	Jul 2015	20	20	9326.05	98
	Aug 2015	10	20	9320.93	89
	Sep 2015	7	16	9316.10	80
	WY 2015	**147**	**139**		
	Oct 2015	7	12	9312.94	75
	Nov 2015	5	6	9312.41	74
	Dec 2015	5	6	9311.60	72
	Jan 2016	4	6	9310.58	71
	Feb 2016	4	6	9309.19	69
	Mar 2016	4	6	9308.19	67

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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Managing Water in the West

April 2014 24-Month Study

Most Probable Inflow*

Blue Mesa Reservoir

	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Apr 2013	43	41	1	38	0	38	7454.46	338
H	May 2013	133	119	1	58	0	58	7464.34	399
I	Jun 2013	126	111	1	69	0	69	7470.58	440
S	Jul 2013	44	51	1	98	0	98	7463.20	391
T	Aug 2013	46	54	1	89	0	89	7457.29	355
O	Sep 2013	57	61	1	66	0	66	7456.24	348
	WY 2013	**561**	**547**	**6**	**517**	**0**	**532**		
R	Oct 2013	48	47	0	46	0	46	7456.34	349
I	Nov 2013	33	33	0	14	0	14	7459.38	367
C	Dec 2013	25	25	0	11	0	11	7461.56	381
A	Jan 2014	22	22	0	14	0	14	7462.81	389
L	Feb 2014	23	22	0	13	0	13	7464.31	398
*	Mar 2014	32	33	0	23	0	23	7465.76	408
	Apr 2014	78	83	1	98	0	98	7463.33	392
	May 2014	309	295	1	150	0	150	7484.08	536
	Jun 2014	340	320	1	70	0	70	7514.43	785
	Jul 2014	123	132	2	113	0	113	7516.40	802
	Aug 2014	65	75	1	125	0	125	7510.63	751
	Sep 2014	47	56	1	114	0	114	7503.79	693
	WY 2014	**1145**	**1143**	**8**	**791**	**0**	**791**		
	Oct 2014	44	46	1	70	0	70	7500.79	668
	Nov 2014	34	34	0	40	0	40	7500.04	662
	Dec 2014	26	27	0	107	0	107	7490.00	581
	Jan 2015	24	26	0	79	0	79	7483.01	528
	Feb 2015	22	25	0	49	0	49	7479.66	504
	Mar 2015	36	38	0	32	0	32	7480.37	509
	Apr 2015	77	74	1	42	0	42	7484.64	540
	May 2015	221	211	1	120	0	120	7496.16	630
	Jun 2015	261	239	1	69	0	69	7516.01	799
	Jul 2015	117	117	2	112	0	112	7516.40	803
	Aug 2015	63	73	1	122	0	122	7510.76	752
	Sep 2015	38	47	1	115	0	115	7502.63	683
	WY 2015	**964**	**956**	**9**	**957**	**0**	**957**		
	Oct 2015	38	44	1	71	0	71	7499.25	655
	Nov 2015	31	32	0	41	0	41	7498.12	646
	Dec 2015	26	27	0	91	0	91	7490.00	581
	Jan 2016	24	26	0	79	0	79	7483.01	528
	Feb 2016	22	25	0	51	0	51	7479.39	502
	Mar 2016	36	38	0	32	0	32	7480.10	507

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Managing Water in the West

April 2014 24-Month Study

Most Probable Inflow*

Morrow Point Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Apr 2013	49	38	6	44	42	0	42	7146.71	107
H	May 2013	148	58	15	72	67	0	67	7154.02	112
I	Jun 2013	132	69	6	75	75	0	75	7154.39	113
S	Jul 2013	45	98	0	98	99	0	99	7153.53	112
T	Aug 2013	46	89	0	90	89	0	89	7154.91	113
O	Sep 2013	58	66	2	68	69	0	69	7154.20	112
	WY 2013	**595**	**532**	**35**	**567**	**563**	**0**	**563**		
R	Oct 2013	50	46	2	48	47	1	50	7152.26	111
I	Nov 2013	34	14	1	15	0	0	15	7152.65	111
C	Dec 2013	26	11	1	12	0	0	16	7147.65	107
A	Jan 2014	24	14	2	16	0	0	16	7148.51	108
L	Feb 2014	24	13	2	14	12	0	14	7148.21	108
*	Mar 2014	33	23	1	24	25	0	25	7146.76	107
	Apr 2014	90	98	12	110	105	0	105	7153.73	112
	May 2014	345	150	36	186	186	0	186	7153.73	112
	Jun 2014	367	70	27	97	97	0	97	7153.73	112
	Jul 2014	128	113	5	118	118	0	118	7153.73	112
	Aug 2014	68	125	3	128	128	0	128	7153.73	112
	Sep 2014	50	114	3	117	117	0	117	7153.73	112
	WY 2014	**1240**	**791**	**94**	**885**	**834**	**1**	**885**		
	Oct 2014	47	70	3	73	73	0	73	7153.73	112
	Nov 2014	36	40	2	42	42	0	42	7153.73	112
	Dec 2014	28	107	2	109	109	0	109	7153.73	112
	Jan 2015	27	79	2	81	81	0	81	7153.73	112
	Feb 2015	25	49	3	52	52	0	52	7153.73	112
	Mar 2015	40	32	4	36	36	0	36	7153.73	112
	Apr 2015	88	42	11	53	53	0	53	7153.73	112
	May 2015	247	120	26	146	146	0	146	7153.73	112
	Jun 2015	281	69	20	89	89	0	89	7153.73	112
	Jul 2015	123	112	6	118	118	0	118	7153.73	112
	Aug 2015	67	122	3	125	125	0	125	7153.73	112
	Sep 2015	41	115	3	118	118	0	118	7153.73	112
	WY 2015	**1049**	**957**	**85**	**1042**	**1042**	**0**	**1042**		
	Oct 2015	41	71	3	74	74	0	74	7153.73	112
	Nov 2015	33	41	2	43	43	0	43	7153.73	112
	Dec 2015	28	91	2	94	94	0	94	7153.73	112
	Jan 2016	27	79	2	81	81	0	81	7153.73	112
	Feb 2016	25	51	3	54	54	0	54	7153.73	112
	Mar 2016	40	32	4	36	36	0	36	7153.73	112

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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Most Probable Inflow*

Crystal Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
*	Apr 2013	55	42	7	49	51	0	51	6738.38	13	33	20
H	May 2013	161	67	13	80	80	0	80	6736.96	13	66	18
I	Jun 2013	144	75	11	86	84	0	84	6744.76	15	65	25
S	Jul 2013	49	99	4	103	101	1	102	6748.24	16	67	41
T	Aug 2013	50	89	3	92	92	1	93	6745.72	15	62	36
O	Sep 2013	63	69	5	74	73	0	73	6746.17	15	48	29
	WY 2013	**661**	**563**	**65**	**628**	**614**	**14**	**627**			**363**	**291**
R	Oct 2013	55	50	5	54	56	0	56	6741.56	14	36	22
I	Nov 2013	40	15	6	21	15	4	19	6748.85	16	0	20
C	Dec 2013	30	16	4	20	20	0	20	6749.68	16	0	21
A	Jan 2014	27	16	3	19	6	14	20	6746.01	15	1	20
L	Feb 2014	29	14	5	19	3	17	20	6743.52	14	1	20
*	Mar 2014	39	25	6	31	30	0	31	6744.65	15	1	31
	Apr 2014	101	105	11	116	113	0	113	6753.04	17	30	83
	May 2014	393	186	48	234	134	100	234	6753.04	17	55	179
	Jun 2014	412	97	45	142	130	12	142	6753.04	17	60	82
	Jul 2014	144	118	16	134	134	0	134	6753.04	17	65	69
	Aug 2014	73	128	5	133	133	0	133	6753.04	17	65	68
	Sep 2014	56	117	6	123	123	0	123	6753.04	17	55	67
	WY 2014	**1399**	**885**	**160**	**1045**	**897**	**146**	**1043**			**369**	**683**
	Oct 2014	53	73	6	79	79	0	79	6753.04	17	30	49
	Nov 2014	41	42	5	47	47	0	47	6753.04	17	0	47
	Dec 2014	32	109	5	114	114	0	114	6753.04	17	0	114
	Jan 2015	31	81	5	86	86	0	86	6753.04	17	0	86
	Feb 2015	29	52	4	55	55	0	55	6753.04	17	0	55
	Mar 2015	46	36	6	42	42	0	42	6753.04	17	5	37
	Apr 2015	101	53	12	66	66	0	66	6753.04	17	30	36
	May 2015	281	146	34	180	134	46	180	6753.04	17	55	125
	Jun 2015	315	89	34	123	123	0	123	6753.04	17	60	63
	Jul 2015	138	118	14	132	132	0	132	6753.04	17	65	67
	Aug 2015	75	125	8	134	134	0	134	6753.04	17	65	69
	Sep 2015	47	118	6	124	124	0	124	6753.04	17	55	69
	WY 2015	**1189**	**1042**	**140**	**1182**	**1136**	**46**	**1182**			**365**	**817**
	Oct 2015	47	74	6	80	80	0	80	6753.04	17	30	50
	Nov 2015	38	43	5	48	48	0	48	6753.04	17	0	48
	Dec 2015	32	94	5	98	98	0	98	6753.04	17	0	98
	Jan 2016	31	81	5	86	86	0	86	6753.04	17	0	86
	Feb 2016	29	54	4	57	57	0	57	6753.04	17	0	57
	Mar 2016	46	36	6	42	42	0	42	6753.04	17	5	37

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April 2014 24-Month Study

Most Probable Inflow*

Vallecito Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Apr 2013	15	1	7639.26	63
H	May 2013	49	31	7647.20	80
I	Jun 2013	19	35	7639.75	64
S	Jul 2013	8	32	7626.95	40
T	Aug 2013	13	26	7617.79	26
O	Sep 2013	45	7	7639.82	64
	WY 2013	**169**	**138**		
R	Oct 2013	18	2	7646.84	80
I	Nov 2013	10	2	7650.16	87
C	Dec 2013	7	2	7652.32	93
A	Jan 2014	6	2	7653.61	96
L	Feb 2014	5	2	7654.41	98
*	Mar 2014	7	11	7653.05	94
	Apr 2014	21	24	7651.66	91
	May 2014	68	35	7664.30	124
	Jun 2014	64	63	7664.53	124
	Jul 2014	22	42	7656.87	104
	Aug 2014	19	38	7649.07	85
	Sep 2014	16	30	7643.00	71
	WY 2014	**263**	**252**		
	Oct 2014	15	17	7641.80	68
	Nov 2014	9	1	7644.92	75
	Dec 2014	6	2	7646.97	80
	Jan 2015	5	2	7648.58	84
	Feb 2015	5	1	7649.95	87
	Mar 2015	9	2	7652.77	94
	Apr 2015	23	1	7661.18	115
	May 2015	71	61	7664.99	125
	Jun 2015	70	70	7664.90	125
	Jul 2015	29	42	7659.97	112
	Aug 2015	20	38	7652.70	94
	Sep 2015	17	30	7647.50	81
	WY 2015	**280**	**266**		
	Oct 2015	16	17	7646.74	79
	Nov 2015	9	1	7649.78	86
	Dec 2015	6	2	7651.74	91
	Jan 2016	5	2	7653.27	95
	Feb 2016	5	1	7654.55	98
	Mar 2016	9	2	7657.26	105

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Most Probable Inflow*

Navajo Reservoir

	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azetea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Farmington Flow (1000 Ac-Ft)
*	Apr 2013	71	7	53	2	21	36	6021.77	928	40
H	May 2013	154	17	118	3	36	17	6028.15	990	93
I	Jun 2013	40	8	46	3	42	33	6024.88	958	50
S	Jul 2013	2	1	25	3	40	51	6017.54	889	53
T	Aug 2013	43	3	53	3	34	41	6014.89	865	54
O	Sep 2013	151	5	110	2	15	25	6022.28	933	90
	WY 2013	**543**	**42**	**472**	**20**	**205**	**349**			**604**
R	Oct 2013	57	3	38	1	4	15	6024.13	951	45
I	Nov 2013	35	1	26	1	0	16	6025.11	960	43
C	Dec 2013	26	0	21	0	0	16	6025.59	965	39
A	Jan 2014	19	0	16	0	0	17	6025.41	963	36
L	Feb 2014	23	0	21	1	0	18	6025.70	966	35
*	Mar 2014	52	2	53	1	4	18	6028.76	996	40
	Apr 2014	112	11	104	2	19	15	6035.50	1065	15
	May 2014	220	28	159	3	32	15	6045.51	1174	15
	Jun 2014	150	18	131	4	47	15	6051.10	1239	15
	Jul 2014	28	2	46	4	52	22	6048.30	1206	22
	Aug 2014	27	1	45	3	44	25	6045.93	1179	25
	Sep 2014	32	1	45	2	25	27	6045.15	1170	27
	WY 2014	**783**	**66**	**706**	**23**	**227**	**219**			**359**
	Oct 2014	39	1	40	2	9	28	6045.29	1171	28
	Nov 2014	31	0	23	1	0	27	6044.89	1167	27
	Dec 2014	25	0	20	1	0	28	6044.16	1159	28
	Jan 2015	22	0	18	1	0	28	6043.23	1148	28
	Feb 2015	30	0	27	1	0	25	6043.33	1149	25
	Mar 2015	92	2	84	1	5	27	6047.80	1200	27
	Apr 2015	170	14	135	2	18	22	6055.54	1292	22
	May 2015	277	39	227	4	32	77	6064.55	1407	77
	Jun 2015	224	33	190	4	48	116	6066.16	1428	116
	Jul 2015	66	7	71	5	52	30	6064.99	1413	30
	Aug 2015	45	1	62	4	44	31	6063.68	1395	31
	Sep 2015	43	1	55	3	25	30	6063.46	1392	30
	WY 2015	**1064**	**99**	**951**	**27**	**235**	**466**			**466**
	Oct 2015	47	2	47	2	9	31	6063.84	1397	31
	Nov 2015	34	1	25	1	0	30	6063.45	1392	30
	Dec 2015	25	0	20	1	0	31	6062.58	1381	31
	Jan 2016	22	0	18	1	0	31	6061.53	1367	31
	Feb 2016	30	0	27	1	0	29	6061.31	1365	29
	Mar 2016	92	2	83	2	5	30	6064.89	1411	30

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2014 24-Month Study

Most Probable Inflow*

Lake Powell

	Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry Gage (1000 Ac-Ft)
*	Apr 2013	355	326	22	551	0	551	3596.53	4967	11422	549
H	May 2013	1122	925	26	602	0	602	3599.44	4989	11697	603
I	Jun 2013	939	907	42	800	0	800	3600.07	4994	11757	806
S	Jul 2013	143	298	49	848	0	848	3594.17	4950	11202	862
T	Aug 2013	273	401	47	801	0	801	3589.64	4917	10788	815
O	Sep 2013	857	802	44	600	0	600	3591.25	4928	10934	607
	WY 2013	**5117**	**5358**	**361**	**8154**	**78**	**8232**				**8264**
R	Oct 2013	549	475	30	481	0	481	3590.88	4926	10900	483
I	Nov 2013	460	419	29	553	127	680	3587.90	4904	10631	695
C	Dec 2013	295	291	23	601	0	601	3584.43	4880	10324	595
A	Jan 2014	270	271	7	800	0	800	3578.69	4840	9828	808
L	Feb 2014	330	321	7	599	0	599	3575.55	4819	9563	597
*	Mar 2014	509	444	12	504	0	504	3574.76	4813	9497	499
	Apr 2014	950	804	19	500	0	500	3577.90	4835	9761	509
	May 2014	2800	2260	24	515	0	515	3595.81	4962	11355	523
	Jun 2014	3100	2569	43	600	0	600	3614.01	5105	13138	608
	Jul 2014	1000	809	55	800	0	800	3613.60	5101	13096	817
	Aug 2014	450	559	55	800	0	800	3610.91	5079	12822	819
	Sep 2014	400	531	50	600	0	600	3609.82	5071	12712	613
	WY 2014	**11114**	**9755**	**354**	**7353**	**127**	**7480**				**7568**
	Oct 2014	505	580	34	600	0	600	3609.32	5067	12662	609
	Nov 2014	470	534	33	600	0	600	3608.40	5059	12570	610
	Dec 2014	363	533	26	800	0	800	3605.67	5038	12299	808
	Jan 2015	361	503	8	800	0	800	3602.77	5015	12016	811
	Feb 2015	393	480	9	650	0	650	3601.05	5002	11851	657
	Mar 2015	665	621	14	650	0	650	3600.64	4999	11811	656
	Apr 2015	1056	888	23	600	0	600	3603.18	5018	12056	609
	May 2015	2343	2025	29	650	0	650	3615.60	5118	13302	658
	Jun 2015	2666	2269	49	800	0	800	3627.89	5223	14618	808
	Jul 2015	1091	997	61	1000	0	1000	3627.36	5218	14559	1017
	Aug 2015	500	600	60	1050	0	1050	3623.03	5181	14087	1069
	Sep 2015	408	538	54	800	0	800	3620.29	5157	13794	813
	WY 2015	**10821**	**10567**	**399**	**9000**	**0**	**9000**				**9124**
	Oct 2015	512	579	37	600	0	600	3619.79	5153	13740	609
	Nov 2015	473	524	35	600	0	600	3618.81	5145	13637	610
	Dec 2015	363	498	28	800	0	800	3615.88	5120	13331	808
	Jan 2016	361	483	9	800	0	800	3612.95	5096	13030	811
	Feb 2016	393	468	9	650	0	650	3611.21	5082	12853	657
	Mar 2016	665	602	16	650	0	650	3610.63	5077	12794	656

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2014 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Glen Release (1000 Ac-Ft)	Side Inflow Glen to Hoover (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Apr 2013	551	37	44	1103	18.5	20	1102	840	1112.91	12921
H	May 2013	602	28	50	1007	16.4	27	1008	812	1108.36	12495
I	Jun 2013	800	1	59	948	15.9	28	947	798	1105.98	12276
S	Jul 2013	848	113	73	865	14.1	28	858	798	1105.92	12270
T	Aug 2013	801	132	78	808	13.1	27	791	799	1106.13	12289
O	Sep 2013	600	155	64	599	10.1	16	590	804	1106.92	12362
	WY 2013	**8232**	**824**	**612**	**9043**		**224**	**8927**			
R	Oct 2013	481	38	47	733	11.9	19	718	786	1104.04	12099
I	Nov 2013	680	116	47	513	8.6	12	510	800	1106.36	12310
C	Dec 2013	601	41	40	558	9.1	7	556	802	1106.73	12344
A	Jan 2014	800	45	33	605	9.8	8	604	815	1108.75	12531
L	Feb 2014	599	76	31	717	12.9	8	716	810	1107.94	12456
*	Mar 2014	504	33	34	1090	17.7	17	1085	773	1101.71	11888
	Apr 2014	500	80	41	1153	19.4	18	1153	734	1095.02	11295
	May 2014	515	60	46	1058	17.2	31	1058	700	1088.97	10769
	Jun 2014	600	23	54	947	15.9	29	947	675	1084.49	10387
	Jul 2014	800	64	67	920	15.0	32	920	666	1082.76	10241
	Aug 2014	800	116	71	823	13.4	28	823	665	1082.70	10236
	Sep 2014	600	97	59	684	11.5	18	684	661	1081.97	10175
	WY 2014	**7480**	**788**	**569**	**9802**		**226**	**9774**			
	Oct 2014	600	52	43	569	9.2	21	569	663	1082.20	10194
	Nov 2014	600	52	43	634	10.6	12	634	660	1081.80	10161
	Dec 2014	800	95	37	594	9.7	5	594	676	1084.69	10403
	Jan 2015	800	75	30	725	11.8	14	725	683	1085.86	10502
	Feb 2015	650	78	28	694	12.5	16	694	682	1085.75	10493
	Mar 2015	650	68	31	1046	17.0	20	1046	659	1081.51	10136
	Apr 2015	600	80	38	1132	19.0	13	1132	628	1075.78	9665
	May 2015	650	60	43	1015	16.5	23	1015	606	1071.46	9316
	Jun 2015	800	23	51	950	16.0	21	950	593	1069.11	9129
	Jul 2015	1000	64	63	875	14.2	27	875	599	1070.28	9222
	Aug 2015	1050	116	68	835	13.6	22	835	614	1073.12	9449
	Sep 2015	800	97	57	675	11.4	17	675	623	1074.83	9587
	WY 2015	**9000**	**861**	**531**	**9744**		**212**	**9744**			
	Oct 2015	600	52	41	553	9.0	16	553	626	1075.32	9627
	Nov 2015	600	52	41	613	10.3	22	613	624	1075.04	9604
	Dec 2015	800	95	36	513	8.3	17	513	644	1078.82	9913
	Jan 2016	800	75	30	631	10.3	7	631	657	1081.17	10108
	Feb 2016	650	78	27	693	12.1	9	693	657	1081.16	10107
	Mar 2016	650	68	31	1062	17.3	14	1062	633	1076.73	9742

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2014 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Apr 2013	1103	-20	17	1017	0	1017	17.1	643.87	1723
H	May 2013	1007	-15	22	959	0	959	15.6	644.24	1733
I	Jun 2013	948	-16	26	928	0	928	15.6	643.45	1711
S	Jul 2013	865	-24	26	810	0	810	13.2	643.66	1717
T	Aug 2013	808	-16	23	749	0	749	12.2	644.35	1736
O	Sep 2013	599	-11	18	681	0	681	11.4	640.23	1624
	WY 2013	**9043**	**-158**	**198**	**8669**	**0**	**8669**			
R	Oct 2013	733	-13	15	768	0	768	12.5	637.86	1560
I	Nov 2013	513	4	11	531	0	531	8.9	636.95	1537
C	Dec 2013	558	-10	9	470	0	470	7.6	639.57	1606
A	Jan 2014	605	-7	10	552	0	552	9.0	640.94	1643
L	Feb 2014	717	-22	10	658	0	658	11.9	641.96	1670
*	Mar 2014	1090	-12	13	1074	0	1074	17.5	641.61	1661
	Apr 2014	1153	-17	17	1081	0	1081	18.2	643.00	1699
	May 2014	1058	-13	22	1023	0	1023	16.6	643.00	1699
	Jun 2014	947	-14	25	935	0	935	15.7	642.00	1671
	Jul 2014	920	-10	25	898	0	898	14.6	641.50	1658
	Aug 2014	823	-11	23	790	0	790	12.8	641.50	1658
	Sep 2014	684	-4	18	756	0	756	12.7	638.00	1564
	WY 2014	**9802**	**-129**	**197**	**9535**	**0**	**9535**			
	Oct 2014	569	-2	15	682	0	682	11.1	633.00	1434
	Nov 2014	634	-13	10	559	0	559	9.4	635.00	1486
	Dec 2014	594	-17	9	471	0	471	7.7	638.71	1583
	Jan 2015	725	-14	10	618	0	618	10.1	641.80	1666
	Feb 2015	694	-10	10	674	0	674	12.1	641.80	1666
	Mar 2015	1046	-15	13	984	0	984	16.0	643.05	1700
	Apr 2015	1132	-17	17	1099	0	1099	18.5	643.00	1699
	May 2015	1015	-13	22	980	0	980	15.9	643.00	1699
	Jun 2015	950	-14	25	938	0	938	15.8	642.00	1671
	Jul 2015	875	-10	25	852	0	852	13.9	641.50	1658
	Aug 2015	835	-11	23	801	0	801	13.0	641.50	1658
	Sep 2015	675	-4	18	747	0	747	12.5	638.00	1564
	WY 2015	**9744**	**-141**	**197**	**9406**	**0**	**9406**			
	Oct 2015	553	-2	15	666	0	666	10.8	633.00	1434
	Nov 2015	613	-13	10	538	0	538	9.0	635.00	1486
	Dec 2015	513	-17	9	390	0	390	6.3	638.71	1583
	Jan 2016	631	-14	10	524	0	524	8.5	641.80	1666
	Feb 2016	693	-10	10	673	0	673	11.7	641.80	1666
	Mar 2016	1062	-15	13	1000	0	1000	16.3	643.05	1700

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2014 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	Apr 2013	1017	13	11	765	12.9	84	148	448.35	587	185	3.1
H	May 2013	959	20	13	677	11.0	97	174	448.76	595	98	1.5
I	Jun 2013	928	15	16	688	11.6	104	129	448.45	589	98	1.7
S	Jul 2013	810	27	17	626	10.2	100	80	448.51	590	110	1.8
T	Aug 2013	749	37	17	552	9.0	99	95	449.22	604	109	1.8
O	Sep 2013	681	23	15	486	8.2	91	149	446.96	560	96	1.6
	WY 2013	**8669**	**246**	**141**	**6389**		**780**	**1521**			**1477**	
R	Oct 2013	768	19	12	467	7.6	99	186	447.91	578	70	1.1
I	Nov 2013	531	23	9	314	5.3	77	142	448.37	587	89	1.5
C	Dec 2013	470	8	7	285	4.6	99	138	445.37	531	100	1.6
A	Jan 2014	552	14	6	353	5.7	101	84	446.23	547	131	2.1
L	Feb 2014	658	21	8	450	8.1	48	130	448.13	582	162	2.9
*	Mar 2014	1074	-2	9	809	13.1	90	176	447.05	562	262	4.3
	Apr 2014	1081	21	11	783	13.2	105	176	448.00	580	237	4.0
	May 2014	1023	21	13	715	11.6	108	183	448.70	593	114	1.9
	Jun 2014	935	17	16	689	11.6	105	129	448.70	593	111	1.9
	Jul 2014	898	29	17	712	11.6	108	90	448.00	580	119	1.9
	Aug 2014	790	27	17	600	9.8	108	89	447.50	571	100	1.6
	Sep 2014	756	25	15	539	9.1	105	126	446.81	557	89	1.5
	WY 2014	**9535**	**221**	**139**	**6715**		**1152**	**1650**			**1587**	
	Oct 2014	682	25	12	443	7.2	108	146	446.31	548	55	0.9
	Nov 2014	559	31	8	363	6.1	105	105	446.50	552	103	1.7
	Dec 2014	471	23	6	271	4.4	108	104	446.50	552	108	1.7
	Jan 2015	618	16	6	351	5.7	97	175	446.50	552	125	2.0
	Feb 2015	674	11	8	456	8.2	87	127	446.50	552	156	2.8
	Mar 2015	984	17	9	709	11.5	97	174	446.70	555	201	3.3
	Apr 2015	1099	21	11	801	13.5	94	169	448.70	593	212	3.6
	May 2015	980	21	13	707	11.5	97	172	448.70	593	111	1.8
	Jun 2015	938	17	16	696	11.7	94	136	448.70	593	109	1.8
	Jul 2015	852	29	17	729	11.9	97	38	448.00	580	111	1.8
	Aug 2015	801	27	17	641	10.4	97	69	447.50	571	105	1.7
	Sep 2015	747	25	15	566	9.5	94	101	446.81	557	102	1.7
	WY 2015	**9406**	**263**	**139**	**6732**		**1177**	**1516**			**1498**	
	Oct 2015	666	25	12	461	7.5	97	124	446.31	548	65	1.1
	Nov 2015	538	31	8	382	6.4	23	147	446.50	552	99	1.7
	Dec 2015	390	23	6	287	4.7	24	91	446.50	552	105	1.7
	Jan 2016	524	16	6	348	5.7	90	92	446.50	552	125	2.0
	Feb 2016	673	11	8	437	7.6	80	152	446.50	552	156	2.7
	Mar 2016	1000	17	9	732	11.9	90	174	446.70	555	201	3.3

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2014 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Apr 2013	1103	18.5	1112.91	12921	-544	463.52	1042.0	467.6	57	423.9
H	May 2013	1007	16.4	1108.36	12495	-426	463.02	1353.0	419.9	75	417.1
I	Jun 2013	948	15.9	1105.98	12276	-219	460.72	1726.0	388.1	97	409.5
S	Jul 2013	865	14.1	1105.92	12270	-5	460.74	1753.0	348.3	100	402.7
T	Aug 2013	808	13.1	1106.13	12289	19	461.35	1737.0	325.9	100	403.4
O	Sep 2013	599	10.1	1106.92	12362	73	464.61	1737.0	242.5	100	405.1
	WY 2013	**9043**							**3770.1**		
R	Oct 2013	733	11.9	1104.04	12099	-263	460.18	1332.0	300.5	77	410.1
I	Nov 2013	513	8.6	1106.36	12310	212	465.65	1179.0	209.8	68	408.7
C	Dec 2013	558	9.1	1106.73	12344	34	463.77	1188.0	230.3	68	412.8
A	Jan 2014	605	9.8	1108.75	12531	186	465.47	746.0	250.9	43	414.5
L	Feb 2014	717	12.9	1107.94	12456	-75	461.16	1415.0	298.2	81	415.9
*	Mar 2014	1090	17.7	1101.71	11888	-567	457.72	1234.0	451.5	71	414.3
	Apr 2014	1153	19.4	1095.02	11295	-593	448.68	1146.0	484.4	68	420.3
	May 2014	1058	17.2	1088.97	10769	-527	440.47	1341.0	423.7	81	400.5
	Jun 2014	947	15.9	1084.49	10387	-382	434.24	1522.0	372.9	93	393.9
	Jul 2014	920	15.0	1082.76	10241	-146	430.93	1622.0	355.9	100	386.8
	Aug 2014	823	13.4	1082.70	10236	-5	430.20	1621.0	320.7	100	389.5
	Sep 2014	684	11.5	1081.97	10175	-61	430.95	1615.0	262.3	100	383.2
	WY 2014	**9802**							**3961.2**		
	Oct 2014	569	9.2	1082.20	10194	19	434.81	1317.0	218.3	81	383.9
	Nov 2014	634	10.6	1081.80	10161	-33	437.80	1102.0	247.3	68	390.3
	Dec 2014	594	9.7	1084.69	10403	243	435.11	1431.0	229.3	87	385.7
	Jan 2015	725	11.8	1085.86	10502	99	436.93	1128.0	286.6	68	395.1
	Feb 2015	694	12.5	1085.75	10493	-9	436.90	1059.0	277.0	64	399.2
	Mar 2015	1046	17.0	1081.51	10136	-357	432.41	1334.0	410.5	82	392.3
	Apr 2015	1132	19.0	1075.78	9665	-472	428.54	1089.0	453.1	68	400.3
	May 2015	1015	16.5	1071.46	9316	-348	422.25	1267.0	387.5	81	381.7
	Jun 2015	950	16.0	1069.11	9129	-187	417.23	1556.0	358.7	100	377.4
	Jul 2015	875	14.2	1070.28	9222	93	417.13	1544.0	332.4	100	380.1
	Aug 2015	835	13.6	1073.12	9449	227	419.28	1559.0	317.3	100	380.3
	Sep 2015	675	11.4	1074.83	9587	138	422.67	1537.4	253.6	100	375.5
	WY 2015	**9744**							**3771.5**		
	Oct 2015	553	9.0	1075.32	9627	39	425.87	1254.4	206.4	81	373.3
	Nov 2015	613	10.3	1075.04	9604	-22	427.61	1047.2	233.6	68	381.3
	Dec 2015	513	8.3	1078.82	9913	309	427.48	1360.2	196.7	87	383.5
	Jan 2016	631	10.3	1081.17	10108	195	428.30	1076.8	240.8	68	381.7
	Feb 2016	693	12.1	1081.16	10107	-1	428.46	1010.8	265.7	64	383.3
	Mar 2016	1062	17.3	1076.73	9742	-365	425.85	1270.8	406.4	82	382.6

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2167

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2014 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Apr 2013	1017	17.1	643.87	1723	49	142.09	252.5	128.5	99	126.3
H	May 2013	959	15.6	644.24	1733	10	143.40	244.8	121.8	96	127.0
I	Jun 2013	928	15.6	643.45	1711	-22	141.69	247.4	116.9	97	126.0
S	Jul 2013	810	13.2	643.66	1717	6	141.93	249.9	102.9	98	127.1
T	Aug 2013	749	12.2	644.35	1736	19	143.01	255.0	92.1	100	122.9
O	Sep 2013	681	11.4	640.23	1624	-112	138.83	255.0	89.1	100	130.8
	WY 2013	**8669**							**1092.0**		
R	Oct 2013	768	12.5	637.86	1560	-63	136.18	196.4	94.7	77	123.3
I	Nov 2013	531	8.9	636.95	1537	-24	137.13	158.1	61.5	62	115.9
C	Dec 2013	470	7.6	639.57	1606	69	136.36	173.4	59.4	68	126.5
A	Jan 2014	552	9.0	640.94	1643	37	139.11	163.2	68.9	64	124.9
L	Feb 2014	658	11.9	641.96	1670	28	138.63	173.4	84.5	68	128.3
*	Mar 2014	1074	17.5	641.61	1661	-10	138.63	252.5	134.6	99	125.3
	Apr 2014	1081	18.2	643.00	1699	38	135.31	255.0	133.7	100	123.7
	May 2014	1023	16.6	643.00	1699	0	136.04	255.0	127.7	100	124.8
	Jun 2014	935	15.7	642.00	1671	-27	135.51	255.0	116.4	100	124.6
	Jul 2014	898	14.6	641.50	1658	-14	134.73	255.0	111.6	100	124.3
	Aug 2014	790	12.8	641.50	1658	0	134.46	255.0	98.4	100	124.6
	Sep 2014	756	12.7	638.00	1564	-94	132.62	255.0	93.0	100	123.1
	WY 2014	**9535**							**1184.5**		
	Oct 2014	682	11.1	633.00	1434	-130	129.88	196.4	81.7	77	119.8
	Nov 2014	559	9.4	635.00	1486	51	129.62	158.1	66.6	62	119.1
	Dec 2014	471	7.7	638.71	1583	97	132.06	173.4	57.7	68	122.4
	Jan 2015	618	10.1	641.80	1666	83	135.97	163.2	77.0	64	124.5
	Feb 2015	674	12.1	641.80	1666	0	137.17	173.4	84.3	68	125.1
	Mar 2015	984	16.0	643.05	1700	34	135.44	255.0	122.5	100	124.5
	Apr 2015	1099	18.5	643.00	1699	-2	136.07	255.0	136.6	100	124.3
	May 2015	980	15.9	643.00	1699	0	136.04	255.0	122.5	100	125.0
	Jun 2015	938	15.8	642.00	1671	-27	135.51	255.0	116.9	100	124.6
	Jul 2015	852	13.9	641.50	1658	-14	134.73	255.0	106.1	100	124.5
	Aug 2015	801	13.0	641.50	1658	0	134.46	255.0	99.8	100	124.6
	Sep 2015	747	12.5	638.00	1564	-94	132.62	255.0	91.9	100	123.2
	WY 2015	**9406**							**1163.6**		
	Oct 2015	666	10.8	633.00	1434	-130	129.88	196.4	79.9	77	119.9
	Nov 2015	538	9.0	635.00	1486	51	129.62	158.1	64.2	62	119.2
	Dec 2015	390	6.3	638.71	1583	97	132.06	173.4	47.9	68	122.9
	Jan 2016	524	8.5	641.80	1666	83	135.97	163.2	65.5	64	125.1
	Feb 2016	673	11.7	641.80	1666	0	137.17	173.4	84.3	68	125.3
	Mar 2016	1000	16.3	643.05	1700	34	135.44	255.0	124.3	100	124.4

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2014 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Apr 2013	765	12.9	448.35	587	15	82.42	97.2	51.1	81	66.8
H	May 2013	677	11.0	448.76	595	8	80.83	104.4	46.4	87	68.6
I	Jun 2013	688	11.6	448.45	589	-6	82.20	117.6	47.4	98	68.9
S	Jul 2013	626	10.2	448.51	590	1	80.88	120.0	43.4	100	69.3
T	Aug 2013	552	9.0	449.22	604	14	82.71	120.0	37.0	100	67.0
O	Sep 2013	486	8.2	446.96	560	-43	80.66	120.0	34.5	100	71.0
	WY 2013	**6389**							**439.1**		
R	Oct 2013	467	7.6	447.91	578	18	83.28	96.0	31.7	80	67.9
I	Nov 2013	314	5.3	448.37	587	9	82.63	92.4	22.1	77	70.5
C	Dec 2013	285	4.6	445.37	531	-56	80.69	91.2	19.0	76	66.8
A	Jan 2014	353	5.7	446.23	547	16	80.02	90.0	24.2	75	68.4
L	Feb 2014	450	8.1	448.13	582	35	82.38	92.4	31.2	77	69.4
*	Mar 2014	809	13.1	447.05	562	-20	77.18	106.8	55.4	89	68.5
	Apr 2014	783	13.2	448.00	580	18	74.91	120.0	51.6	100	65.9
	May 2014	715	11.6	448.70	593	13	76.29	106.8	47.8	89	66.8
	Jun 2014	689	11.6	448.70	593	0	76.05	120.0	45.8	100	66.5
	Jul 2014	712	11.6	448.00	580	-13	75.71	120.0	47.1	100	66.2
	Aug 2014	600	9.8	447.50	571	-9	75.13	120.0	39.3	100	65.5
	Sep 2014	539	9.1	446.81	557	-13	74.55	120.0	35.0	100	64.9
	WY 2014	**6715**							**450.2**		
	Oct 2014	443	7.2	446.31	548	-9	74.77	102.0	28.6	85	64.6
	Nov 2014	363	6.1	446.50	552	3	74.62	102.0	23.2	85	63.9
	Dec 2014	271	4.4	446.50	552	0	74.71	102.0	17.0	85	62.7
	Jan 2015	351	5.7	446.50	552	0	74.71	102.0	22.4	85	63.8
	Feb 2015	456	8.2	446.50	552	0	73.92	120.0	29.3	100	64.2
	Mar 2015	709	11.5	446.70	555	4	74.01	120.0	46.0	100	64.9
	Apr 2015	801	13.5	448.70	593	38	75.08	120.0	52.9	100	66.0
	May 2015	707	11.5	448.70	593	0	76.05	120.0	47.0	100	66.5
	Jun 2015	696	11.7	448.70	593	0	76.05	120.0	46.3	100	66.5
	Jul 2015	729	11.9	448.00	580	-13	75.71	120.0	48.3	100	66.3
	Aug 2015	641	10.4	447.50	571	-9	75.13	120.0	42.1	100	65.6
	Sep 2015	566	9.5	446.81	557	-13	74.55	120.0	36.8	100	65.0
	WY 2015	**6732**							**439.8**		
	Oct 2015	461	7.5	446.31	548	-9	74.77	102.0	29.8	85	64.7
	Nov 2015	382	6.4	446.50	552	3	74.62	102.0	24.5	85	64.1
	Dec 2015	287	4.7	446.50	552	0	74.71	102.0	18.1	85	62.9
	Jan 2016	348	5.7	446.50	552	0	74.71	102.0	22.2	85	63.7
	Feb 2016	437	7.6	446.50	552	0	73.92	120.0	28.0	100	64.0
	Mar 2016	732	11.9	446.70	555	4	74.01	120.0	47.6	100	65.0

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2014 24-Month Study

Most Probable Inflow*

Upper Basin Power

	Date	Glen Canyon 1000 MWHR	Flaming Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Reservoir 1000 MWHR	Fontenelle Reservoir 1000 MWHR
*	Apr 2013	235	19	10	14	8	3
H	May 2013	257	26	15	23	15	3
I	Jun 2013	344	52	18	26	16	3
S	Jul 2013	361	26	26	35	20	3
T	Aug 2013	338	26	23	31	18	3
O	Sep 2013	253	25	17	24	14	3
	Summer 2013	**1789**	**173**	**108**	**153**	**90**	**19**
R	Oct 2013	202	19	12	16	10	1
I	Nov 2013	231	18	3	0	1	4
C	Dec 2013	253	19	3	0	1	5
A	Jan 2014	337	19	3	0	0	4
L	Feb 2014	247	17	3	4	0	4
*	Mar 2014	207	19	6	8	4	4
	Winter 2014	**1477**	**110**	**30**	**28**	**17**	**22**
	Apr 2014	188	18	27	37	19	6
	May 2014	198	38	42	67	23	6
	Jun 2014	239	103	21	35	22	7
	Jul 2014	325	45	35	42	23	9
	Aug 2014	325	45	39	46	23	8
	Sep 2014	243	43	35	42	21	3
	Summer 2014	**1517**	**292**	**200**	**270**	**132**	**39**
	Oct 2014	243	45	21	26	14	7
	Nov 2014	242	43	12	15	8	7
	Dec 2014	321	44	32	39	20	7
	Jan 2015	319	44	23	29	15	6
	Feb 2015	258	40	14	19	10	5
	Mar 2015	257	44	9	13	7	5
	Winter 2015	**1639**	**260**	**112**	**142**	**73**	**37**
	Apr 2015	237	43	12	19	11	5
	May 2015	261	57	35	53	23	7
	Jun 2015	330	77	21	32	21	9
	Jul 2015	417	36	35	42	23	10
	Aug 2015	436	36	38	45	23	9
	Sep 2015	331	35	35	42	21	3
	Summer 2015	**2012**	**284**	**177**	**234**	**123**	**43**
	Oct 2015	246	36	22	26	14	6
	Nov 2015	246	35	12	16	8	6
	Dec 2015	327	36	27	34	17	6
	Jan 2016	325	36	23	29	15	6
	Feb 2016	262	33	15	19	10	5
	Mar 2016	262	36	9	13	7	5
	Winter 2016	**1406**	**176**	**99**	**124**	**64**	**28**

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2014 24-Month Study

Most Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions

Date	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Total KAF	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****EFFECTIVE SPACE****										
Apr 2014	1,055	422	700	14825	17001	15489	32490	746	419	372	1537	14825	15489	31851	1500	1153	0	28.1
May 2014	973	437	631	14561	16603	16082	32685	655	437	283	1375	14561	16082	32018	1500	1058	0	29.7
Jun 2014	754	293	522	12967	14537	16608	31145	419	280	139	839	12967	16608	30414	1500	947	0	31.6
Jul 2014	581	45	457	11184	12267	16990	29257	229	10	23	262	11184	16990	28436	1500	920	0	31.5
								****CREDITABLE SPACE****										
Aug 2014	371	27	490	11226	12114	17136	29250	371	27	490	888	11226	17136	29250	1500	823	0	31.1
Sep 2014	391	78	517	11500	12486	17141	29627	391	78	517	987	11500	17141	29627	2270	684	0	30.7
Oct 2014	447	137	526	11610	12719	17202	29921	447	137	526	1110	11610	17202	29921	3040	569	0	30.5
Nov 2014	503	162	525	11660	12849	17183	30033	503	162	525	1190	11660	17183	30033	3810	634	0	30.3
Dec 2014	567	168	529	11752	13016	17216	30232	567	168	529	1264	11752	17216	30232	4580	594	0	30.2
Jan 2015	654	248	537	12023	13463	16974	30436	654	248	537	1440	12023	16974	30436	5350	725	0	30.0
								****EFFECTIVE SPACE****										
Jan 2015	654	248	537	12023	13463	16974	30436	229	248	427	905	12023	16974	29902	5350	725	0	30.0
Feb 2015	736	301	548	12306	13891	16875	30765	311	301	437	1049	12306	16875	30229	1500	694	0	29.7
Mar 2015	803	326	547	12471	14147	16884	31031	376	326	435	1137	12471	16884	30492	1500	1046	0	29.4
Apr 2015	826	321	496	12511	14154	17241	31394	395	321	378	1094	12511	17241	30846	1500	1132	0	29.3
May 2015	815	289	404	12266	13774	17712	31486	379	289	265	933	12266	17712	30912	1500	1015	0	30.5
Jun 2015	736	199	289	11020	12245	18061	30305	290	197	115	603	11020	18061	29683	1500	950	0	32.0
Jul 2015	572	31	268	9704	10575	18248	28823	112	5	41	159	9704	18248	28111	1500	875	0	32.1
								****CREDITABLE SPACE****										
Aug 2015	479	27	283	9763	10552	18155	28707	479	27	283	789	9763	18155	28707	1500	835	0	31.7
Sep 2015	503	77	301	10235	11116	17928	29044	503	77	301	881	10235	17928	29044	2270	675	0	31.3
Oct 2015	555	146	304	10528	11533	17790	29323	555	146	304	1005	10528	17790	29323	3040	553	0	31.1
Nov 2015	602	174	299	10582	11656	17750	29406	602	174	299	1075	10582	17750	29406	3810	613	0	31.0
Dec 2015	649	184	304	10685	11821	17773	29594	649	184	304	1136	10685	17773	29594	4580	513	0	30.9
Jan 2016	714	248	315	10991	12268	17464	29732	714	248	315	1277	10991	17464	29732	5350	631	0	30.8
								****EFFECTIVE SPACE****										
Jan 2016	714	248	315	10991	12268	17464	29732	303	248	195	746	10991	17464	29201	5350	631	0	30.8
Feb 2016	774	301	329	11292	12696	17269	29965	361	301	208	870	11292	17269	29431	1500	693	0	30.5
Mar 2016	823	328	331	11469	12952	17270	30222	408	328	210	946	11469	17270	29686	1500	1062	0	30.2

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2167

Processed On: 4/9/2014 9:37:53AM

May 24-Month Study
Date: May 12, 2014

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

Reservoir	April Inflow (unregulated) (acre-feet)	Percent of Average (%)	May 11 Midnight Elevation (feet)	Reservoir Storage (acre-feet)
Fontenelle	101,000	118	6469.75	165,000
Flaming Gorge	128,000	96	6020.89	3,011,000
Blue Mesa	129,000	129	7486.81	557,000
Navajo	123,000	72	6036.10	1,071,000
Powell	964,000	91	3580.37	9,971,000

Expected Operations

The operation of Lake Powell and Lake Mead in this May 2014 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines), and reflects the 2014 Annual Operating Plan (AOP). Pursuant to the Interim Guidelines, the August 2013 24-Month Study projections of the January 1, 2014, system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2014.

Consistent with Section 6.C.1 of the Interim Guidelines, the Lake Powell operational tier for water year 2014 is the Mid-Elevation Release Tier with an annual release volume of 7.48 maf.

Consistent with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar year 2014.

The Interim Guidelines are available for download at:
http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The 2014 AOP is available for download at:
http://www.usbr.gov/lc/region/g4000/aop/AOP14.pdf.

Fontenelle Reservoir – Inflows to Fontenelle Reservoir for the month of April were 101,000 acre-feet (AF), or 119 percent of average. The reservoir elevation is 6480 feet, 48 percent of live capacity. Inflows are averaging 3,488 cubic feet per second (cfs). Fontenelle releases are currently at 3,000 cfs and will continue increasing during May to a high of 6,500 cfs to accommodate 156 percent of median snowpack.

Inflows for the next three months are projected to be above average: with May, June and July forecasted inflow volumes at 240,000 AF (147% of average), 485,000 AF (162% of average), and 304,000 AF (171% of average), respectively. The May final forecast of the April-July inflow volume is 1,130,000 AF (156% of average).

The next Fontenelle Working Group meeting is scheduled for August 20, 2014, at 10:00 am at the Joint Powers Water Board in Green River, Wyoming. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir.

Flaming Gorge Reservoir – Unregulated inflow into Flaming Gorge Reservoir during the month of April was 128,000 acre-feet (AF), or 96 percent of average. The reservoir elevation is 6,020.9 feet. Observed inflows are averaging 6,200 cubic feet per second (cfs).

Flaming Gorge releases are currently 830 cfs steady minimum releases and are anticipated to remain at this level through winter until spring runoff beings sometime in late May or early June.

Inflows for the next three months are projected to be above average: with May, June and July forecasted inflow volumes at 305,000 AF (124% of average), 550,000 AF (141% of average), and 337,000 AF (160% of average), respectively. The May final forecast of the April-July unregulated inflow volume into Flaming Gorge Reservoir is 1,320,000 AF (135% of average). Based on the May final forecast, the spring hydrologic classification will be average.

The next Flaming Gorge Working Group meeting is scheduled for August 21, 2014, at 11:00 a.m. to be held in the Utah Department of Natural Resources building in Vernal, Utah. The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stake holders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations and plans presented by Reclamation at these meetings. Meeting notes from past Working Group meetings are posted on the Working Group webpage. For more information on this group and these meetings please contact Ed Vidmar at 801-379-1182.

Aspinall Unit Reservoirs – April unregulated inflow into Blue Mesa Reservoir was 129,000 acre-feet or 167 percent of average. On May 8, 2011 the basin snowpack was 85 percent of average. Precipitation during April was 80 percent of average. The current inflow rate into Blue Mesa Reservoir is over 3500 cfs while reservoir releases are

averaging about 600 cfs. Lately the weather pattern has been wetter and colder than average with occasional short-lived warm periods that have resulted in brief episodes of higher flows on the rivers. The reservoir elevation is currently at 7484.25 feet, which corresponds to a storage content of about 537,000 acre-feet. This elevation is about 30 feet higher, or about 200,000 acre-feet more than a year ago.

The latest Water Supply Forecast for Water Year 2014 was issued on May 1st and the April through July unregulated inflow is forecasted to be at 850,000 acre-feet (126% of normal). This sets the senior Black Canyon Water Right call for a one day spring peak flow of 6,400 cfs, and the Aspinall ROD target at a 10 day peak flow of 14,350 cfs, and 40 day half-bank flow of 8,070 cfs. At this time Reclamation plans to operate the Aspinall Unit to meet both the water right and ROD recommendations. Based on this forecast and the combination of meeting water right and ROD this coming spring, Blue Mesa Reservoir is not projected fill this runoff season. The projected fill is calculated to be between 7493 feet and 7505 feet. Any elevation above 7516.00 is considered a fill for the season.

Releases from Crystal are currently set at 1300 cfs. The Gunnison Diversion Tunnel started taking water for the new season on March 27, 2014. The current diversion rate in the tunnel is 800 cfs, which results in a river flow below the diversion tunnel of approximately 500 cfs. River flows will start to increase in the next 5 to 10 days. Peak flows in the canyon will be substantial this year in order to meet the downstream ROD targets at the Whitewater gage. Peak flows could reach as much as 9,000 to 11,000 cfs by late May to early June and should hold steady after that until the ROD targets have been reached. However, these rates will most likely change as conditions warrant, primarily as we respond to changes in hydrologic conditions.

The next meeting of the "Aspinall Unit Working Group" will be held on Thursday, September 4, 2014 starting at 1:00 PM at the Elk Creek Visitor Center at Blue Mesa Reservoir. At this meeting, review of this spring's reservoir operations, and plans for this fall and winter operations will be discussed. These meetings are open forum discussions on the Aspinall Unit reservoir operations with many interested groups participating. Anyone needing further information about these meetings should contact Erik Knight in the Grand Junction Area Office at (970) 248-0629.

Navajo Reservoir – Reclamation has been releasing 250 cfs from Navajo Reservoir since April 21st, 2014. Releases are made for the authorized purposes of the Navajo Unit, and to attempt to maintain a target base flow through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell). The San Juan River Basin Recovery Implementation Program recommends a target base flow of between 500 cfs and 1,000 cfs through the critical habitat area. The target base flow is calculated as the weekly average of gaged flows throughout the critical habitat area.

Navajo was at 6034.45 ft of pool elevation and 1,052,666 acre-ft of storage by the end of April, which was 77% of average for the end of the month. Modified unregulated inflow was 123,117 acre-ft, which was 72% of average for April. Calculated evaporation for the month was 1977 acre-ft. Navajo released 350 cfs through the middle of the month, and then reduced to 250 cfs for the rest April. Navajo Reservoir recorded 0.41 inches of liquid precipitation (39% of average).

As of May 5th, the release at Navajo is 250 cfs, and the observed inflow averages 1,400 cfs. The reservoir elevation is 6034.87 ft and the content is 1,058,383 acre-ft, or 62% full (38% of Active). The San Juan River at Four Corners USGS gage is averaging 700 cfs and the Animas River at Farmington USGS gage is averaging 1,100 cfs.

SNOTEL sites above Navajo are showing an average of 8.3 inches of snow water equivalent (SWE) above Navajo, which is 57% of average (1987-present) for this time of year. The current SWE is the 7th lowest for this date since 1987. Peak SWE above Navajo was 14.0 inches, and was reached on 4/9. Years with the closest SWE on this date resulted in April-July modified unregulated inflow ranging from 275,589 af (1996) to 472,055 af (1988).

The most probable modified-unregulated inflow forecast for May at Navajo is 190,000 acre-ft (69% of average), for June is 124,000 acre-ft (55% of average), and for July is 23,000 acre-ft (35% of average). The April-July total inflow forecasts are as follows: Min Probable forecast is 370,000 acre-ft (50% of average), Most Probable forecast is 460,000 acre-ft (62% of average), and Max Probable forecast is 540,000 acre-ft (73% of average)

Reclamation and SJRIP have agreed to forego a spring peak release for 2014 in the interests of recovering the reservoir and reducing the risk of a shortage. The release will continue to be that which is required to maintain the target base flows downstream.

Glen Canyon Dam / Lake Powell

Current Status

The unregulated inflow volume to Lake Powell in April was 964 thousand acre-feet (kaf) (91% of average). The release volume from Glen Canyon Dam in April was 502 kaf. The end of April elevation and storage of Lake Powell were 3,577.6 feet (122 feet from full pool) and 9.73 million acre-feet (maf) (40% of full capacity), respectively. The reservoir elevation is now increasing as spring runoff begins to enter the reservoir. Basin-wide snowpack peaked at 111% of median on April 7th and now snowmelt has begun across much of the basin, with roughly two-thirds of the snowpack remaining.

Current Operations

The operating tier for water year 2014 is the Mid-Elevation Release Tier with an annual release volume of 7.48 maf, as established in August 2013 and pursuant to the Interim Guidelines, Section 6.C.1. Reclamation will schedule operations at Glen Canyon Dam to achieve as practicably as possible a 7.48 maf annual release by September 30, 2014.

In May, the release volume will be approximately 500 kaf, with fluctuations between about 5,500 cfs in the nighttime to about 10,500 cfs in the daytime and consistent with the Glen Canyon Operating Criteria (Federal Register, Volume 62, No. 41, March 3, 1997). In June, the release volume will likely be approximately 600 kaf with daily fluctuations between about 7,000 cfs and 13,000 cfs. The anticipated release volume for July is about 800 kaf with fluctuations between approximately 10,000 cfs and 18,000 cfs.

In addition to daily scheduled fluctuations for power generation, the instantaneous releases from Glen Canyon Dam may also fluctuate to provide 40 MW of system regulation. These instantaneous release adjustments stabilize the electrical generation and transmission system and translate to a range of about 1,200 cfs above or below the hourly scheduled release rate. Under system normal conditions, fluctuations for regulation are typically short lived and generally balance out over the hour with minimal or no noticeable impacts on downstream river flow conditions.

Releases from Glen Canyon Dam can also fluctuate beyond scheduled releases when called upon to respond to unscheduled power outages or power system emergencies. Depending on the severity of the system emergency, the response from Glen Canyon Dam can be significant, within the full range of the operating capacity of the power plant for as long as is necessary to maintain balance in the transmission system. Glen Canyon Dam typically maintains 41MW (approximately 1,200 cfs) of generation capacity in reserve in order to respond to a system emergency even when generation rates are already high. System emergencies occur fairly infrequently and typically require small responses from Glen Canyon Dam. However, these responses can have a noticeable impact on the river downstream of Glen Canyon Dam.

Inflow Forecasts and Model Projections

The forecast for the 2014 April to July water supply season for Lake Powell, issued on May 2, 2014 by the Colorado Basin River Forecast Center, projects that the most probable (median) unregulated inflow volume will be 7.55 maf (105% of average based on the period 1981-2010). The April-July forecast decreased by 300 kaf since last month. The seasonal snowpack peaked on April 7, 2014 at 111% of median and runoff has begun across much of the basin. The April-July forecast ranges from a minimum probable of 6.30 maf (88% of average) to a maximum probable of 9.46 maf (132% of average). (For reference, the 30-year April-July average is 7.16 maf.) There is a 10 percent chance that inflows could be higher than the maximum probable and a 10 percent chance they could be lower than the minimum probable.

Based on the current forecast, the May 24-Month study projects Lake Powell elevation will peak near approximately 3,616 feet near the end of June and end the water year near 3,610 feet with approximately 12.8 maf in storage (53% capacity). Note that projections of elevation and storage have uncertainty at this point in the season, primarily due to uncertainty regarding the spring runoff and resulting inflow to Lake Powell. Under the minimum probable inflow scenario, last updated in April, the projected summer peak is 3,599 ft and end of water year storage is 11.0 maf (45% capacity). Under the maximum

probable inflow scenario, updated in April, the projected summer peak is 3,632 ft and end of water year storage is 14.9 maf (61% capacity). There is a 10 percent chance that inflows will be higher, resulting in higher elevation and storage, and 10 percent chance that inflows will be lower, resulting in lower elevation and storage. The annual release volume from Lake Powell during water year 2014 is projected to be 7.48 maf under all inflow scenarios.

Consistent with Section 6.C.1 of the Interim Guidelines, the Lake Powell operational tier for water year 2014 is the Mid-Elevation Release Tier with an annual release volume of 7.48 maf. This was determined in the August 2013 24-Month Study and documented in the 2014 Annual Operating Plan signed by Secretary Jewell in December 2013.

Upper Colorado River Basin Hydrology

The Upper Colorado River Basin regularly experiences significant year to year hydrologic variability. During the 14-year period 2000 to 2013, however, the unregulated inflow to Lake Powell, which is a good measure of hydrologic conditions in the Colorado River Basin, was above average in only 3 out of the past 14 years. The period 2000-2013 is the lowest 14-year period since the closure of Glen Canyon Dam in 1963, with an average unregulated inflow of 8.25 maf, or 76% of the 30-year average (1981-2010). (For comparison, the 1981-2010 total water year average is 10.83 maf.) The unregulated inflow during the 2000-2013 period has ranged from a low of 2.64 maf (24% of average) in water year 2002 to a high of 15.97 maf (147% of average) in water year 2011. Under the current forecast, total water year 2014 unregulated inflows to Lake Powell are expected to range between a minimum probable of 9.6 maf (88% of average) and a maximum probable of 12.7 maf (118% of average) with a most probable projection of 10.83 maf (100% of average).

At the beginning of water year 2014, total system storage in the Colorado River Basin was 29.9 maf (50% of 59.6 maf total system capacity). This is about 4 maf less than the total storage at the beginning of water year 2013 which began at 34.0 maf (57% of capacity). Since the beginning of water year 2000, total Colorado Basin storage has experienced year to year increases and decreases in response to wet and dry hydrology, ranging from a high of 94% of capacity at the beginning of 2000 to a low of 50% of capacity at the beginning of water year 2014. One wet year can significantly increase total system reservoir storage, just as persistent dry years can draw down the system storage. Based on current inflow forecasts, the current projected end of water year 2014 total Colorado Basin reservoir storage is approximately 30.4 maf (51% of capacity). The actual end of water year storage may vary significantly from this projection, primarily due to uncertainty regarding this season's runoff. Based on April minimum and maximum probable inflow forecasts and modeling the range is approximately 28.4 maf (48%) to 33.2 maf (56%), respectively.

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-430
125 SOUTH STATE STREET, ROOM 6107
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-3709

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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:	Obs			apr	Forecast		Outlook		
:	jan	feb	mar	apr	%Avg	may	jun	jul	apr-jul %Avg
GLDA3:Lake Powell	270	330	509	964	91%:	2700/	2900/	990/	7550/: 105%
GBRW4:Fontenelle	29	29	56	101	118%:	240/	485/	304/	1130/: 156%
GRNU1:Flaming Gorge	33	46	86	128	96%:	305/	550/	337/	1320/: 135%
BMDC2:Blue Mesa	22	23	32	129	167%:	290/	315/	116/	850/: 126%
MPSC2:Morrow Point	24	24	33	143	162%:	325/	340/	122/	930/: 126%
CLSC2:Crystal	27	29	39	154	153%:	370/	380/	136/	1040/: 125%
TPIC2:Taylor Park	4.7	4.4	4.5	11.7	133%:	41/	55/	20/	128/: 129%
VCRC2:Vallecito	5.6	4.6	7.4	28	120%:	62/	56/	21/	167/: 86%
NVRN5:Navajo	19.5	23	52	123	72%:	190/	124/	23/	460/: 63%
LEMC2:Lemon	0.87	0.76	1.41	7.5	133%:	18/	13/	3.5/	42/: 76%
MPHC2:McPhee	3.3	4.3	8.0	43	60%:	105/	58/	14/	220/: 75%
RBSC2:Ridgway	4.1	4.4	5.0	12.8	119%:	25/	34/	19/	91/: 90%

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2014 24-Month Study

Most Probable Inflow*

Fontenelle Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	May 2013	108	1	51	0	51	6483.26	185
H	Jun 2013	91	2	47	0	48	6489.79	226
I	Jul 2013	67	2	48	0	48	6492.28	243
S	Aug 2013	32	2	43	0	43	6490.28	229
T	Sep 2013	47	2	42	0	42	6490.87	233
	WY 2013	**575**	**14**	**534**	**57**	**591**		
O	Oct 2013	53	1	19	24	43	6492.11	241
R	Nov 2013	41	1	51	4	55	6489.91	226
I	Dec 2013	30	1	61	0	61	6485.02	195
C	Jan 2014	29	1	61	0	61	6479.35	163
A	Feb 2014	29	0	55	0	55	6474.06	136
L	Mar 2014	56	0	71	0	71	6470.70	121
*	Apr 2014	101	1	83	1	84	6474.33	138
	May 2014	240	1	96	170	267	6468.01	111
	Jun 2014	485	2	96	291	387	6486.80	207
	Jul 2014	304	2	108	79	188	6502.91	321
	Aug 2014	110	2	85	0	85	6505.84	344
	Sep 2014	68	2	35	41	76	6504.62	335
	WY 2014	**1546**	**14**	**821**	**610**	**1431**		
	Oct 2014	64	1	78	0	78	6502.65	319
	Nov 2014	49	1	76	0	76	6499.01	291
	Dec 2014	32	1	78	0	78	6492.42	244
	Jan 2015	30	1	78	0	78	6484.95	196
	Feb 2015	28	1	71	0	71	6477.11	152
	Mar 2015	53	0	78	0	78	6471.51	126
	Apr 2015	85	1	74	0	74	6473.82	136
	May 2015	164	1	100	4	105	6484.68	194
	Jun 2015	299	2	103	87	190	6500.20	300
	Jul 2015	178	3	101	30	131	6505.86	345
	Aug 2015	77	2	92	0	92	6503.59	327
	Sep 2015	46	2	36	32	68	6500.42	302
	WY 2015	**1104**	**16**	**967**	**154**	**1121**		
	Oct 2015	49	1	71	0	71	6497.29	279
	Nov 2015	42	1	68	0	68	6493.50	252
	Dec 2015	32	1	71	0	71	6487.58	212
	Jan 2016	30	1	71	0	71	6480.82	171
	Feb 2016	28	1	64	0	64	6473.52	135
	Mar 2016	53	0	71	0	71	6469.29	116
	Apr 2016	85	1	77	0	77	6471.12	124

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2014 24-Month Study

Most Probable Inflow*

Flaming Gorge Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	May 2013	135	77	7	67	0	67	121	6020.65	3003	440
H	Jun 2013	91	48	10	135	3	138	117	6017.91	2906	366
I	Jul 2013	66	47	12	68	0	68	116	6016.99	2875	99
S	Aug 2013	22	33	11	68	0	68	114	6015.71	2831	87
T	Sep 2013	67	62	10	66	0	66	113	6015.33	2818	95
	WY 2013	**657**	**673**	**73**	**818**	**3**	**821**				**1744**
O	Oct 2013	68	58	6	51	0	51	113	6015.35	2819	108
R	Nov 2013	41	55	3	48	0	48	114	6015.47	2823	96
I	Dec 2013	32	62	2	49	0	49	114	6015.79	2834	403
C	Jan 2014	33	65	2	49	0	49	115	6016.19	2847	405
A	Feb 2014	46	71	2	45	0	45	116	6016.89	2871	99
L	Mar 2014	86	100	3	49	1	50	117	6018.21	2917	123
*	Apr 2014	128	111	5	50	0	50	120	6019.75	2971	306
	May 2014	305	332	7	125	0	125	127	6025.06	3162	125
	Jun 2014	550	452	10	281	74	355	131	6027.29	3245	355
	Jul 2014	337	221	14	107	0	107	134	6029.81	3342	107
	Aug 2014	120	95	13	106	0	106	134	6029.21	3319	106
	Sep 2014	73	81	11	103	0	103	132	6028.38	3287	103
	WY 2014	**1818**	**1703**	**78**	**1063**	**75**	**1138**				**2336**
	Oct 2014	72	86	7	106	0	106	131	6027.68	3260	106
	Nov 2014	57	84	3	103	0	103	130	6027.11	3239	103
	Dec 2014	35	81	2	106	0	106	129	6026.43	3213	106
	Jan 2015	40	88	2	106	0	106	129	6025.93	3195	106
	Feb 2015	45	88	2	96	0	96	128	6025.67	3185	96
	Mar 2015	102	128	3	106	0	106	129	6026.16	3203	106
	Apr 2015	134	122	5	103	0	103	129	6026.55	3218	103
	May 2015	245	186	8	145	0	145	131	6027.39	3250	145
	Jun 2015	390	281	10	212	0	212	133	6028.88	3306	212
	Jul 2015	210	163	14	100	0	100	135	6030.13	3354	100
	Aug 2015	89	104	13	100	0	100	135	6029.92	3346	100
	Sep 2015	55	78	11	97	0	97	133	6029.16	3317	97
	WY 2015	**1473**	**1490**	**80**	**1379**	**0**	**1379**				**1379**
	Oct 2015	59	81	7	100	0	100	132	6028.50	3292	100
	Nov 2015	51	77	3	97	0	97	132	6027.93	3270	97
	Dec 2015	35	74	2	100	0	100	130	6027.22	3243	100
	Jan 2016	40	81	2	100	0	100	130	6026.68	3223	100
	Feb 2016	45	81	2	93	0	93	129	6026.30	3208	93
	Mar 2016	102	120	3	100	0	100	130	6026.75	3225	100
	Apr 2016	134	125	5	114	0	114	130	6026.92	3232	114

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2014 24-Month Study

Most Probable Inflow*

Taylor Park Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	May 2013	21	7	9312.29	74
H	Jun 2013	26	12	9320.43	88
I	Jul 2013	9	15	9316.95	81
S	Aug 2013	7	15	9312.37	74
T	Sep 2013	8	12	9309.95	70
	WY 2013	**97**	**83**		
O	Oct 2013	7	6	9310.82	71
R	Nov 2013	5	5	9310.99	71
I	Dec 2013	5	5	9310.93	71
C	Jan 2014	5	5	9310.93	71
A	Feb 2014	4	4	9311.08	72
L	Mar 2014	5	5	9310.72	71
*	Apr 2014	12	13	9310.23	70
	May 2014	41	30	9316.81	81
	Jun 2014	55	36	9327.03	100
	Jul 2014	20	28	9322.87	92
	Aug 2014	11	20	9317.95	83
	Sep 2014	8	16	9313.30	75
	WY 2014	**177**	**171**		
	Oct 2014	7	10	9311.50	72
	Nov 2014	5	6	9311.04	72
	Dec 2014	5	6	9310.22	70
	Jan 2015	4	6	9309.17	69
	Feb 2015	4	6	9307.76	66
	Mar 2015	4	6	9306.74	65
	Apr 2015	9	6	9308.54	68
	May 2015	28	18	9314.85	78
	Jun 2015	42	20	9326.69	100
	Jul 2015	20	22	9325.73	98
	Aug 2015	10	20	9320.60	88
	Sep 2015	7	16	9315.74	79
	WY 2015	**146**	**142**		
	Oct 2015	7	12	9312.57	74
	Nov 2015	5	6	9312.03	73
	Dec 2015	5	6	9311.22	72
	Jan 2016	4	6	9310.19	70
	Feb 2016	4	6	9308.80	68
	Mar 2016	4	6	9307.79	66
	Apr 2016	9	6	9309.56	69

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2014 24-Month Study

Most Probable Inflow*

Blue Mesa Reservoir

	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	May 2013	133	119	1	58	0	58	7464.34	399
H	Jun 2013	126	111	1	69	0	69	7470.58	440
I	Jul 2013	44	51	1	98	0	98	7463.20	391
S	Aug 2013	46	54	1	89	0	89	7457.29	355
T	Sep 2013	57	61	1	66	0	66	7456.24	348
	WY 2013	**561**	**547**	**6**	**517**	**0**	**532**		
O	Oct 2013	48	47	0	46	0	46	7456.34	349
R	Nov 2013	33	33	0	14	0	14	7459.38	367
I	Dec 2013	25	25	0	11	0	11	7461.56	381
C	Jan 2014	22	22	0	14	0	14	7462.81	389
A	Feb 2014	23	22	0	13	0	13	7464.31	398
L	Mar 2014	32	33	0	23	0	23	7465.76	408
*	Apr 2014	129	130	1	28	0	28	7480.43	509
	May 2014	290	279	1	200	140	340	7471.68	447
	Jun 2014	315	296	1	193	67	260	7476.67	482
	Jul 2014	116	124	1	82	0	82	7482.28	523
	Aug 2014	63	72	1	104	0	104	7477.76	490
	Sep 2014	47	55	1	77	0	77	7474.53	467
	WY 2014	**1144**	**1138**	**7**	**806**	**206**	**1013**		
	Oct 2014	44	47	0	42	0	42	7475.21	472
	Nov 2014	34	34	0	12	0	12	7478.32	494
	Dec 2014	26	27	0	12	0	12	7480.36	509
	Jan 2015	24	26	0	30	0	30	7479.78	504
	Feb 2015	22	25	0	27	0	27	7479.42	502
	Mar 2015	36	38	0	32	0	32	7480.13	507
	Apr 2015	77	74	1	42	0	42	7484.40	539
	May 2015	221	211	1	120	0	120	7495.94	628
	Jun 2015	261	239	1	69	0	69	7515.82	797
	Jul 2015	117	119	2	112	0	112	7516.40	803
	Aug 2015	63	73	1	122	0	122	7510.76	752
	Sep 2015	38	47	1	115	0	115	7502.63	683
	WY 2015	**964**	**960**	**9**	**735**	**0**	**735**		
	Oct 2015	38	44	1	71	0	71	7499.25	655
	Nov 2015	31	32	0	41	0	41	7498.12	646
	Dec 2015	26	27	0	91	0	91	7490.00	581
	Jan 2016	24	26	0	79	0	79	7483.01	528
	Feb 2016	22	25	0	51	0	51	7479.38	502
	Mar 2016	36	38	0	32	0	32	7480.09	507
	Apr 2016	77	74	1	42	0	42	7484.37	538

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2014 24-Month Study

Most Probable Inflow*

Morrow Point Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	May 2013	148	58	15	72	67	0	67	7154.02	112
H	Jun 2013	132	69	6	75	75	0	75	7154.39	113
I	Jul 2013	45	98	0	98	99	0	99	7153.53	112
S	Aug 2013	46	89	0	90	89	0	89	7154.91	113
T	Sep 2013	58	66	2	68	69	0	69	7154.20	112
	WY 2013	**595**	**532**	**35**	**567**	**563**	**0**	**563**		
O	Oct 2013	50	46	2	48	47	1	50	7152.26	111
R	Nov 2013	34	14	1	15	0	0	15	7152.65	111
I	Dec 2013	26	11	1	12	0	0	16	7147.65	107
C	Jan 2014	24	14	2	16	0	0	16	7148.51	108
A	Feb 2014	24	13	2	14	12	0	14	7148.21	108
L	Mar 2014	33	23	1	24	25	0	25	7146.76	107
*	Apr 2014	143	28	13	41	42	0	42	7146.13	106
	May 2014	325	340	35	375	304	65	369	7153.73	112
	Jun 2014	340	260	25	285	285	0	285	7153.73	112
	Jul 2014	122	82	6	88	88	0	88	7153.73	112
	Aug 2014	66	104	3	107	107	0	107	7153.73	112
	Sep 2014	49	77	2	79	79	0	79	7153.73	112
	WY 2014	**1236**	**1013**	**93**	**1105**	**989**	**66**	**1105**		
	Oct 2014	46	42	2	44	44	0	44	7153.73	112
	Nov 2014	36	12	2	14	14	0	14	7153.73	112
	Dec 2014	28	12	2	14	14	0	14	7153.73	112
	Jan 2015	27	30	2	32	32	0	32	7153.73	112
	Feb 2015	25	27	3	30	30	0	30	7153.73	112
	Mar 2015	40	32	4	36	36	0	36	7153.73	112
	Apr 2015	88	42	11	53	53	0	53	7153.73	112
	May 2015	247	120	26	146	146	0	146	7153.73	112
	Jun 2015	281	69	20	89	89	0	89	7153.73	112
	Jul 2015	123	112	6	118	118	0	118	7153.73	112
	Aug 2015	67	122	3	125	125	0	125	7153.73	112
	Sep 2015	41	115	3	118	118	0	118	7153.73	112
	WY 2015	**1048**	**735**	**84**	**819**	**819**	**0**	**819**		
	Oct 2015	41	71	3	74	74	0	74	7153.73	112
	Nov 2015	33	41	2	43	43	0	43	7153.73	112
	Dec 2015	28	91	2	94	94	0	94	7153.73	112
	Jan 2016	27	79	2	81	81	0	81	7153.73	112
	Feb 2016	25	51	3	54	54	0	54	7153.73	112
	Mar 2016	40	32	4	36	36	0	36	7153.73	112
	Apr 2016	88	42	11	53	53	0	53	7153.73	112

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2014 24-Month Study

Most Probable Inflow*

Crystal Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
*	May 2013	161	67	13	80	80	0	80	6736.96	13	66	18
H	Jun 2013	144	75	11	86	84	0	84	6744.76	15	65	25
I	Jul 2013	49	99	4	103	101	1	102	6748.24	16	67	41
S	Aug 2013	50	89	3	92	92	1	93	6745.72	15	62	36
T	Sep 2013	63	69	5	74	73	0	73	6746.17	15	48	29
	WY 2013	**661**	**563**	**65**	**628**	**614**	**14**	**627**			**363**	**291**
O	Oct 2013	55	50	5	54	56	0	56	6741.56	14	36	22
R	Nov 2013	40	15	6	21	15	4	19	6748.85	16	0	20
I	Dec 2013	30	16	4	20	20	0	20	6749.68	16	0	21
C	Jan 2014	27	16	3	19	6	14	20	6746.01	15	1	20
A	Feb 2014	29	14	5	19	3	17	20	6743.52	14	1	20
L	Mar 2014	39	25	6	31	30	0	31	6744.65	15	1	30
*	Apr 2014	154	42	11	53	53	0	53	6743.26	14	28	27
	May 2014	370	369	45	414	136	275	411	6753.04	17	55	356
	Jun 2014	380	285	40	325	130	195	325	6753.04	17	60	265
	Jul 2014	136	88	14	102	102	0	102	6753.04	17	65	37
	Aug 2014	71	107	5	112	112	0	112	6753.04	17	65	47
	Sep 2014	55	79	6	85	85	0	85	6753.04	17	55	30
	WY 2014	**1386**	**1105**	**150**	**1255**	**748**	**505**	**1253**			**367**	**895**
	Oct 2014	52	44	6	50	50	0	50	6753.04	17	30	20
	Nov 2014	40	14	5	19	19	0	19	6753.04	17	0	19
	Dec 2014	32	14	5	19	19	0	19	6753.04	17	0	19
	Jan 2015	31	32	5	37	37	0	37	6753.04	17	0	37
	Feb 2015	29	30	4	33	33	0	33	6753.04	17	0	33
	Mar 2015	46	36	6	42	42	0	42	6753.04	17	5	37
	Apr 2015	101	53	12	66	66	0	66	6753.04	17	30	36
	May 2015	281	146	34	180	134	46	180	6753.04	17	55	125
	Jun 2015	315	89	34	123	123	0	123	6753.04	17	60	63
	Jul 2015	138	118	14	133	133	0	133	6753.04	17	65	68
	Aug 2015	75	125	8	134	134	0	134	6753.04	17	65	69
	Sep 2015	47	118	6	124	124	0	124	6753.04	17	55	69
	WY 2015	**1188**	**819**	**140**	**959**	**913**	**46**	**959**			**365**	**594**
	Oct 2015	47	74	6	80	80	0	80	6753.04	17	30	50
	Nov 2015	38	43	5	48	48	0	48	6753.04	17	0	48
	Dec 2015	32	94	5	98	98	0	98	6753.04	17	0	98
	Jan 2016	31	81	5	86	86	0	86	6753.04	17	0	86
	Feb 2016	29	54	4	57	57	0	57	6753.04	17	0	57
	Mar 2016	46	36	6	42	42	0	42	6753.04	17	5	37
	Apr 2016	101	53	12	66	66	0	66	6753.04	17	30	36

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2014 24-Month Study

Most Probable Inflow*

Vallecito Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	May 2013	49	31	7647.20	80
H	Jun 2013	19	35	7639.75	64
I	Jul 2013	8	32	7626.95	40
S	Aug 2013	13	26	7617.79	26
T	Sep 2013	45	7	7639.82	64
	WY 2013	**169**	**138**		
O	Oct 2013	18	2	7646.84	80
R	Nov 2013	10	2	7650.16	87
I	Dec 2013	7	2	7652.32	93
C	Jan 2014	6	2	7653.61	96
A	Feb 2014	5	2	7654.41	98
L	Mar 2014	7	11	7653.05	94
*	Apr 2014	28	16	7657.59	106
	May 2014	62	42	7664.92	125
	Jun 2014	56	57	7664.19	123
	Jul 2014	21	42	7656.11	102
	Aug 2014	16	38	7646.98	80
	Sep 2014	14	30	7639.81	64
	WY 2014	**249**	**246**		
	Oct 2014	14	17	7637.98	60
	Nov 2014	8	1	7641.11	67
	Dec 2014	6	2	7643.27	71
	Jan 2015	5	2	7644.96	75
	Feb 2015	5	1	7646.38	78
	Mar 2015	9	2	7649.30	85
	Apr 2015	23	1	7657.97	107
	May 2015	71	52	7664.99	125
	Jun 2015	70	70	7664.92	125
	Jul 2015	29	42	7659.98	112
	Aug 2015	20	38	7652.71	94
	Sep 2015	17	30	7647.51	81
	WY 2015	**278**	**257**		
	Oct 2015	16	17	7646.75	79
	Nov 2015	9	1	7649.80	86
	Dec 2015	6	2	7651.75	91
	Jan 2016	5	2	7653.28	95
	Feb 2016	5	1	7654.57	98
	Mar 2016	9	2	7657.27	105
	Apr 2016	23	3	7665.00	125

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2014 24-Month Study

Most Probable Inflow*

Navajo Reservoir

	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azetea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Farmington Flow (1000 Ac-Ft)
*	May 2013	154	17	118	3	36	17	6028.15	990	93
H	Jun 2013	40	8	46	3	42	33	6024.88	958	50
I	Jul 2013	2	1	25	3	40	51	6017.54	889	53
S	Aug 2013	43	3	53	3	34	41	6014.89	865	54
T	Sep 2013	151	5	110	2	15	25	6022.28	933	90
	WY 2013	**543**	**42**	**472**	**20**	**205**	**349**			**604**
O	Oct 2013	57	3	38	1	4	15	6024.13	951	45
R	Nov 2013	35	1	26	1	0	16	6025.11	960	43
I	Dec 2013	26	0	21	0	0	16	6025.59	965	39
C	Jan 2014	19	0	16	0	0	17	6025.41	963	36
A	Feb 2014	23	0	21	1	0	18	6025.70	966	35
L	Mar 2014	52	2	53	1	4	18	6028.76	996	41
*	Apr 2014	123	14	98	2	21	18	6034.32	1053	63
	May 2014	190	24	146	3	32	15	6043.24	1148	15
	Jun 2014	124	13	112	4	47	15	6047.36	1195	15
	Jul 2014	23	1	43	4	51	21	6044.42	1161	21
	Aug 2014	23	0	44	3	43	22	6042.32	1138	22
	Sep 2014	30	0	45	2	24	21	6042.14	1136	21
	WY 2014	**727**	**58**	**664**	**23**	**227**	**211**			**397**
	Oct 2014	37	1	40	2	9	22	6042.89	1144	22
	Nov 2014	30	0	23	1	0	21	6043.02	1146	21
	Dec 2014	25	0	20	1	0	22	6042.84	1144	22
	Jan 2015	22	0	18	1	0	22	6042.46	1140	22
	Feb 2015	30	0	27	1	0	19	6043.06	1146	19
	Mar 2015	92	2	84	1	5	22	6047.99	1202	22
	Apr 2015	170	13	135	2	19	21	6055.78	1295	21
	May 2015	277	39	219	4	33	58	6065.54	1420	58
	Jun 2015	224	33	190	4	48	135	6065.74	1423	135
	Jul 2015	66	7	71	5	52	28	6064.70	1409	28
	Aug 2015	45	1	62	4	44	31	6063.41	1392	31
	Sep 2015	43	1	55	3	24	30	6063.23	1389	30
	WY 2015	**1062**	**98**	**944**	**27**	**235**	**429**			**429**
	Oct 2015	47	2	47	2	9	31	6063.66	1395	31
	Nov 2015	34	1	26	1	0	30	6063.25	1390	30
	Dec 2015	25	0	20	1	0	31	6062.37	1378	31
	Jan 2016	22	0	18	1	0	31	6061.33	1365	31
	Feb 2016	30	0	27	1	0	29	6061.11	1362	29
	Mar 2016	92	2	83	2	5	30	6064.68	1408	30
	Apr 2016	170	15	134	3	20	28	6070.89	1493	28

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2014 24-Month Study

Most Probable Inflow*

Lake Powell

	Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry Gage (1000 Ac-Ft)
*	May 2013	1122	925	26	602	0	602	3599.44	4989	11697	603
H	Jun 2013	939	907	42	800	0	800	3600.07	4994	11757	806
I	Jul 2013	143	298	49	848	0	848	3594.17	4950	11202	862
S	Aug 2013	273	401	47	801	0	801	3589.64	4917	10788	815
T	Sep 2013	857	802	44	600	0	600	3591.25	4928	10934	607
	WY 2013	**5117**	**5358**	**361**	**8154**	**78**	**8232**				**8264**
O	Oct 2013	549	475	30	481	0	481	3590.88	4926	10900	483
R	Nov 2013	476	435	29	553	143	696	3587.90	4904	10631	695
I	Dec 2013	295	291	23	601	0	601	3584.43	4880	10324	595
C	Jan 2014	270	271	7	800	0	800	3578.69	4840	9828	811
A	Feb 2014	330	321	7	599	0	599	3575.55	4819	9563	602
L	Mar 2014	509	444	12	504	0	504	3574.76	4813	9497	501
*	Apr 2014	964	774	19	502	0	502	3577.56	4832	9732	501
	May 2014	2700	2443	25	497	0	497	3597.47	4975	11511	505
	Jun 2014	2900	2601	44	600	0	600	3615.80	5120	13323	608
	Jul 2014	990	776	56	800	0	800	3615.09	5114	13249	817
	Aug 2014	450	519	55	800	0	800	3612.05	5089	12938	819
	Sep 2014	400	475	50	600	0	600	3610.45	5076	12776	613
	WY 2014	**10834**	**9825**	**356**	**7337**	**143**	**7480**				**7551**
	Oct 2014	505	531	35	600	0	600	3609.50	5068	12680	609
	Nov 2014	470	485	33	600	0	600	3608.13	5057	12543	610
	Dec 2014	363	417	26	800	0	800	3604.29	5027	12164	808
	Jan 2015	361	432	8	800	0	800	3600.69	4999	11816	811
	Feb 2015	393	438	8	650	0	650	3598.55	4983	11613	657
	Mar 2015	665	601	14	650	0	650	3597.93	4978	11554	656
	Apr 2015	1056	872	23	600	0	600	3600.37	4997	11785	609
	May 2015	2343	1994	28	650	0	650	3612.70	5094	13004	658
	Jun 2015	2666	2289	48	800	0	800	3625.34	5201	14338	808
	Jul 2015	1091	997	60	1000	0	1000	3624.81	5196	14280	1017
	Aug 2015	500	601	58	1050	0	1050	3620.44	5159	13810	1069
	Sep 2015	408	538	53	800	0	800	3617.68	5135	13519	813
	WY 2015	**10821**	**10197**	**394**	**9000**	**0**	**9000**				**9124**
	Oct 2015	512	580	36	600	0	600	3617.18	5131	13467	609
	Nov 2015	473	525	35	600	0	600	3616.21	5123	13366	610
	Dec 2015	363	499	28	800	0	800	3613.27	5099	13062	808
	Jan 2016	361	484	8	800	0	800	3610.31	5075	12762	811
	Feb 2016	393	469	9	650	0	650	3608.56	5061	12586	657
	Mar 2016	665	604	15	650	0	650	3607.99	5056	12529	656
	Apr 2016	1056	893	24	600	0	600	3610.47	5076	12778	609

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2014 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Glen Release (1000 Ac-Ft)	Side Inflow Glen to Hoover (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	May 2013	602	28	50	1007	16.4	27	1008	812	1108.36	12495
H	Jun 2013	800	1	59	948	15.9	28	947	798	1105.98	12276
I	Jul 2013	848	113	73	865	14.1	28	858	798	1105.92	12270
S	Aug 2013	801	132	78	808	13.1	27	791	799	1106.13	12289
T	Sep 2013	600	155	64	599	10.1	16	590	804	1106.92	12362
	WY 2013	**8232**	**824**	**612**	**9043**		**224**	**8927**			
O	Oct 2013	481	38	47	733	11.9	19	718	786	1104.04	12099
R	Nov 2013	696	101	47	513	8.6	12	510	800	1106.36	12310
I	Dec 2013	601	43	40	558	9.1	9	556	802	1106.73	12344
C	Jan 2014	800	45	33	605	9.8	8	604	815	1108.75	12531
A	Feb 2014	599	76	31	717	12.9	8	716	810	1107.94	12456
L	Mar 2014	504	29	34	1090	17.7	13	1087	773	1101.71	11888
*	Apr 2014	502	17	41	1134	19.1	20	1130	731	1094.55	11254
	May 2014	497	60	46	1061	17.3	31	1061	696	1088.26	10708
	Jun 2014	600	23	54	970	16.3	29	970	670	1083.51	10304
	Jul 2014	800	64	67	899	14.6	32	899	662	1082.02	10179
	Aug 2014	800	116	71	825	13.4	28	825	661	1081.93	10171
	Sep 2014	600	97	58	686	11.5	18	686	657	1081.18	10109
	WY 2014	**7480**	**708**	**568**	**9791**		**227**	**9762**			
	Oct 2014	600	52	42	570	9.3	21	570	658	1081.40	10127
	Nov 2014	600	52	42	638	10.7	12	638	656	1080.94	10089
	Dec 2014	800	95	37	598	9.7	5	598	671	1083.80	10328
	Jan 2015	800	75	30	725	11.8	14	725	678	1084.97	10427
	Feb 2015	650	78	28	694	12.5	16	694	677	1084.86	10418
	Mar 2015	650	68	31	1046	17.0	20	1046	654	1080.61	10061
	Apr 2015	600	80	38	1132	19.0	13	1132	623	1074.86	9590
	May 2015	650	60	43	1015	16.5	23	1015	601	1070.53	9242
	Jun 2015	800	23	51	950	16.0	21	950	589	1068.17	9055
	Jul 2015	1000	64	63	875	14.2	27	875	595	1069.35	9148
	Aug 2015	1050	116	68	835	13.6	22	835	609	1072.20	9375
	Sep 2015	800	97	56	675	11.4	17	675	618	1073.92	9514
	WY 2015	**9000**	**861**	**529**	**9754**		**212**	**9754**			
	Oct 2015	600	52	41	553	9.0	16	553	621	1074.41	9553
	Nov 2015	600	52	41	613	10.3	22	613	620	1074.13	9531
	Dec 2015	800	95	36	513	8.3	17	513	640	1077.93	9840
	Jan 2016	800	75	30	631	10.3	7	631	652	1080.29	10035
	Feb 2016	650	78	27	693	12.1	9	693	652	1080.28	10034
	Mar 2016	650	68	30	1062	17.3	14	1062	628	1075.83	9669
	Apr 2016	600	80	37	1139	19.1	20	1139	597	1069.81	9185

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2014 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	May 2013	1007	-15	22	959	0	959	15.6	644.24	1733
H	Jun 2013	948	-16	26	928	0	928	15.6	643.45	1711
I	Jul 2013	865	-24	26	810	0	810	13.2	643.66	1717
S	Aug 2013	808	-16	23	749	0	749	12.2	644.35	1736
T	Sep 2013	599	-11	18	681	0	681	11.4	640.23	1624
	WY 2013	**9043**	**-158**	**198**	**8669**	**0**	**8669**			
O	Oct 2013	733	-13	15	768	0	768	12.5	637.86	1560
R	Nov 2013	513	4	11	531	0	531	8.9	636.95	1537
I	Dec 2013	558	-10	9	470	0	470	7.6	639.57	1606
C	Jan 2014	605	-7	10	552	0	552	9.0	640.94	1643
A	Feb 2014	717	-22	10	658	0	658	11.9	641.96	1670
L	Mar 2014	1090	-12	13	1074	0	1074	17.5	641.61	1661
*	Apr 2014	1134	-21	17	1054	0	1054	17.7	643.13	1702
	May 2014	1061	-13	22	1030	0	1030	16.7	643.00	1699
	Jun 2014	970	-14	25	930	0	930	15.6	643.00	1699
	Jul 2014	899	-10	25	904	0	904	14.7	641.50	1658
	Aug 2014	825	-11	23	792	0	792	12.9	641.50	1658
	Sep 2014	686	-4	18	758	0	758	12.7	638.00	1564
	WY 2014	**9791**	**-133**	**197**	**9520**	**0**	**9520**			
	Oct 2014	570	-2	15	683	0	683	11.1	633.00	1434
	Nov 2014	638	-13	10	564	0	564	9.5	635.00	1486
	Dec 2014	598	-17	9	475	0	475	7.7	638.71	1583
	Jan 2015	725	-14	10	618	0	618	10.1	641.80	1666
	Feb 2015	694	-10	10	674	0	674	12.1	641.80	1666
	Mar 2015	1046	-15	13	984	0	984	16.0	643.05	1700
	Apr 2015	1132	-17	17	1099	0	1099	18.5	643.00	1699
	May 2015	1015	-13	22	980	0	980	15.9	643.00	1699
	Jun 2015	950	-14	25	938	0	938	15.8	642.00	1671
	Jul 2015	875	-10	25	852	0	852	13.9	641.50	1658
	Aug 2015	835	-11	23	801	0	801	13.0	641.50	1658
	Sep 2015	675	-4	18	747	0	747	12.5	638.00	1564
	WY 2015	**9754**	**-141**	**197**	**9416**	**0**	**9416**			
	Oct 2015	553	-2	15	666	0	666	10.8	633.00	1434
	Nov 2015	613	-13	10	538	0	538	9.0	635.00	1486
	Dec 2015	513	-17	9	390	0	390	6.3	638.71	1583
	Jan 2016	631	-14	10	524	0	524	8.5	641.80	1666
	Feb 2016	693	-10	10	673	0	673	11.7	641.80	1666
	Mar 2016	1062	-15	13	1000	0	1000	16.3	643.05	1700
	Apr 2016	1139	-17	17	1106	0	1106	18.6	643.00	1699

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2170

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2014 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	May 2013	959	20	13	677	11.0	97	174	448.76	595	98	1.5
H	Jun 2013	928	15	16	688	11.6	104	129	448.45	589	98	1.7
I	Jul 2013	810	27	17	626	10.2	100	80	448.51	590	110	1.8
S	Aug 2013	749	37	17	552	9.0	99	95	449.22	604	109	1.8
T	Sep 2013	681	23	15	486	8.2	91	149	446.96	560	96	1.6
	WY 2013	**8669**	**246**	**141**	**6389**		**780**	**1521**			**1477**	
O	Oct 2013	768	19	12	467	7.6	99	186	447.91	578	70	1.1
R	Nov 2013	531	25	9	314	5.3	77	144	448.37	587	89	1.5
I	Dec 2013	470	7	7	285	4.6	100	138	445.37	531	100	1.6
C	Jan 2014	552	13	6	353	5.7	101	84	446.23	547	131	2.1
A	Feb 2014	658	20	8	450	8.1	48	130	448.13	582	162	2.9
L	Mar 2014	1074	-2	9	809	13.1	90	176	447.05	562	260	4.2
*	Apr 2014	1054	23	11	756	12.7	105	178	448.11	582	241	4.0
	May 2014	1030	21	13	724	11.8	108	183	448.70	593	114	1.9
	Jun 2014	930	17	16	688	11.6	105	129	448.50	589	111	1.9
	Jul 2014	904	29	17	714	11.6	108	90	448.00	580	119	1.9
	Aug 2014	792	27	17	602	9.8	108	89	447.50	571	100	1.6
	Sep 2014	758	25	15	541	9.1	105	126	446.81	557	89	1.5
	WY 2014	**9520**	**222**	**139**	**6702**		**1153**	**1654**			**1588**	
	Oct 2014	683	25	12	445	7.2	108	145	446.31	548	55	0.9
	Nov 2014	564	31	8	365	6.1	105	108	446.50	552	103	1.7
	Dec 2014	475	23	6	273	4.4	108	106	446.50	552	108	1.7
	Jan 2015	618	16	6	351	5.7	97	175	446.50	552	125	2.0
	Feb 2015	674	11	8	456	8.2	87	127	446.50	552	156	2.8
	Mar 2015	984	17	9	709	11.5	97	174	446.70	555	201	3.3
	Apr 2015	1099	21	11	801	13.5	94	169	448.70	593	212	3.6
	May 2015	980	21	13	707	11.5	97	172	448.70	593	111	1.8
	Jun 2015	938	17	16	696	11.7	94	136	448.70	593	109	1.8
	Jul 2015	852	29	17	729	11.9	97	38	448.00	580	111	1.8
	Aug 2015	801	27	17	641	10.4	97	69	447.50	571	105	1.7
	Sep 2015	747	25	15	566	9.5	94	101	446.81	557	102	1.7
	WY 2015	**9416**	**263**	**139**	**6738**		**1177**	**1520**			**1498**	
	Oct 2015	666	25	12	461	7.5	97	124	446.31	548	65	1.1
	Nov 2015	538	31	8	382	6.4	23	147	446.50	552	99	1.7
	Dec 2015	390	23	6	287	4.7	24	91	446.50	552	105	1.7
	Jan 2016	524	16	6	348	5.7	90	92	446.50	552	125	2.0
	Feb 2016	673	11	8	437	7.6	80	152	446.50	552	156	2.7
	Mar 2016	1000	17	9	732	11.9	90	174	446.70	555	201	3.3
	Apr 2016	1106	21	11	816	13.7	86	167	448.70	593	212	3.6

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2014 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	May 2013	1007	16.4	1108.36	12495	-426	463.02	1353.0	419.9	75	417.1
H	Jun 2013	948	15.9	1105.98	12276	-219	460.72	1726.0	388.1	97	409.5
I	Jul 2013	865	14.1	1105.92	12270	-5	460.74	1753.0	348.3	100	402.7
S	Aug 2013	808	13.1	1106.13	12289	19	461.35	1737.0	325.9	100	403.4
T	Sep 2013	599	10.1	1106.92	12362	73	464.61	1737.0	242.5	100	405.1
	WY 2013	**9043**							**3770.1**		
O	Oct 2013	733	11.9	1104.04	12099	-263	460.18	1332.0	300.5	77	410.1
R	Nov 2013	513	8.6	1106.36	12310	212	465.65	1179.0	209.8	68	408.7
I	Dec 2013	558	9.1	1106.73	12344	34	463.77	1188.0	230.3	68	412.8
C	Jan 2014	605	9.8	1108.75	12531	186	465.47	746.0	250.9	43	414.5
A	Feb 2014	717	12.9	1107.94	12456	-75	461.16	1415.0	298.2	81	415.9
L	Mar 2014	1090	17.7	1101.71	11888	-567	457.72	1234.0	451.5	71	414.3
*	Apr 2014	1134	19.1	1094.55	11254	-635	447.66	1146.0	459.8	68	405.6
	May 2014	1061	17.3	1088.26	10708	-546	441.54	1071.0	433.4	65	408.5
	Jun 2014	970	16.3	1083.51	10304	-403	433.07	1508.0	375.4	93	387.2
	Jul 2014	899	14.6	1082.02	10179	-126	429.75	1606.0	345.6	100	384.5
	Aug 2014	825	13.4	1081.93	10171	-7	429.45	1606.0	321.0	100	389.0
	Sep 2014	686	11.5	1081.18	10109	-62	430.18	1602.0	262.7	100	382.7
	WY 2014	**9791**							**3939.3**		
	Oct 2014	570	9.3	1081.40	10127	18	434.60	1219.0	219.1	76	384.7
	Nov 2014	638	10.7	1080.94	10089	-38	436.95	1094.0	249.0	68	390.0
	Dec 2014	598	9.7	1083.80	10328	239	435.67	1198.0	232.4	74	388.5
	Jan 2015	725	11.8	1084.97	10427	99	437.22	937.0	289.4	58	399.0
	Feb 2015	694	12.5	1084.86	10418	-9	436.36	994.0	277.4	61	399.8
	Mar 2015	1046	17.0	1080.61	10061	-357	432.72	1137.0	415.3	71	396.8
	Apr 2015	1132	19.0	1074.86	9590	-471	427.57	1082.0	451.7	69	399.1
	May 2015	1015	16.5	1070.53	9242	-348	421.93	1159.0	389.2	75	383.4
	Jun 2015	950	16.0	1068.17	9055	-187	416.30	1531.0	357.8	100	376.5
	Jul 2015	875	14.2	1069.35	9148	93	416.20	1538.0	331.6	100	379.2
	Aug 2015	835	13.6	1072.20	9375	227	418.36	1554.0	316.6	100	379.4
	Sep 2015	675	11.4	1073.92	9514	139	421.76	1565.0	253.1	100	374.7
	WY 2015	**9754**							**3782.5**		
	Oct 2015	553	9.0	1074.41	9553	40	426.95	1254.4	208.0	81	376.2
	Nov 2015	613	10.3	1074.13	9531	-22	430.12	1047.2	237.6	68	387.9
	Dec 2015	513	8.3	1077.93	9840	309	427.95	1360.2	197.4	87	384.8
	Jan 2016	631	10.3	1080.29	10035	195	430.80	1076.8	244.9	68	388.2
	Feb 2016	693	12.1	1080.28	10034	-1	431.41	1010.8	272.2	64	392.6
	Mar 2016	1062	17.3	1075.83	9669	-365	426.87	1270.8	412.2	82	388.1
	Apr 2016	1139	19.1	1069.81	9185	-484	422.75	1035.1	449.8	68	395.0

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2014 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

U.S. DEPARTMENT OF THE INTERIOR
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	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	May 2013	959	15.6	644.24	1733	10	143.40	244.8	121.8	96	127.0
H	Jun 2013	928	15.6	643.45	1711	-22	141.69	247.4	116.9	97	126.0
I	Jul 2013	810	13.2	643.66	1717	6	141.93	249.9	102.9	98	127.1
S	Aug 2013	749	12.2	644.35	1736	19	143.01	255.0	92.1	100	122.9
T	Sep 2013	681	11.4	640.23	1624	-112	138.83	255.0	89.1	100	130.8
	WY 2013	**8669**							**1092.0**		
O	Oct 2013	768	12.5	637.86	1560	-63	136.18	196.4	94.7	77	123.3
R	Nov 2013	531	8.9	636.95	1537	-24	137.13	158.1	61.5	62	115.9
I	Dec 2013	470	7.6	639.57	1606	69	136.36	173.4	59.4	68	126.5
C	Jan 2014	552	9.0	640.94	1643	37	139.11	163.2	68.9	64	124.9
A	Feb 2014	658	11.9	641.96	1670	28	138.63	173.4	84.5	68	128.3
L	Mar 2014	1074	17.5	641.61	1661	-10	138.63	252.5	134.6	99	125.3
*	Apr 2014	1054	17.7	643.13	1702	42	141.55	255.0	132.2	100	125.4
	May 2014	1030	16.7	643.00	1699	-4	136.11	255.0	128.5	100	124.8
	Jun 2014	930	15.6	643.00	1699	0	136.04	255.0	116.3	100	125.1
	Jul 2014	904	14.7	641.50	1658	-41	135.25	255.0	112.7	100	124.7
	Aug 2014	792	12.9	641.50	1658	0	134.46	255.0	98.7	100	124.6
	Sep 2014	758	12.7	638.00	1564	-94	132.62	255.0	93.2	100	123.1
	WY 2014	**9520**							**1185.3**		
	Oct 2014	683	11.1	633.00	1434	-130	129.88	196.4	81.8	77	119.8
	Nov 2014	564	9.5	635.00	1486	51	129.62	158.1	67.2	62	119.1
	Dec 2014	475	7.7	638.71	1583	97	132.06	173.4	58.1	68	122.3
	Jan 2015	618	10.1	641.80	1666	83	135.97	163.2	77.0	64	124.5
	Feb 2015	674	12.1	641.80	1666	0	137.17	173.4	84.3	68	125.1
	Mar 2015	984	16.0	643.05	1700	34	135.44	255.0	122.5	100	124.5
	Apr 2015	1099	18.5	643.00	1699	-2	136.07	255.0	136.6	100	124.3
	May 2015	980	15.9	643.00	1699	0	136.04	255.0	122.5	100	125.0
	Jun 2015	938	15.8	642.00	1671	-27	135.51	255.0	116.9	100	124.6
	Jul 2015	852	13.9	641.50	1658	-14	134.73	255.0	106.1	100	124.5
	Aug 2015	801	13.0	641.50	1658	0	134.46	255.0	99.8	100	124.6
	Sep 2015	747	12.5	638.00	1564	-94	132.62	255.0	91.9	100	123.2
	WY 2015	**9416**							**1164.7**		
	Oct 2015	666	10.8	633.00	1434	-130	129.88	196.4	79.9	77	119.9
	Nov 2015	538	9.0	635.00	1486	51	129.62	158.1	64.2	62	119.2
	Dec 2015	390	6.3	638.71	1583	97	132.06	173.4	47.9	68	122.9
	Jan 2016	524	8.5	641.80	1666	83	135.97	163.2	65.5	64	125.1
	Feb 2016	673	11.7	641.80	1666	0	137.17	173.4	84.3	68	125.3
	Mar 2016	1000	16.3	643.05	1700	34	135.44	255.0	124.3	100	124.4
	Apr 2016	1106	18.6	643.00	1699	-2	136.07	255.0	137.4	100	124.2

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2014 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	May 2013	677	11.0	448.76	595	8	80.83	104.4	46.4	87	68.6
H	Jun 2013	688	11.6	448.45	589	-6	82.20	117.6	47.4	98	68.9
I	Jul 2013	626	10.2	448.51	590	1	80.88	120.0	43.4	100	69.3
S	Aug 2013	552	9.0	449.22	604	14	82.71	120.0	37.0	100	67.0
T	Sep 2013	486	8.2	446.96	560	-43	80.66	120.0	34.5	100	71.0
	WY 2013	**6389**							**439.1**		
O	Oct 2013	467	7.6	447.91	578	18	83.28	96.0	31.7	80	67.9
R	Nov 2013	314	5.3	448.37	587	9	82.63	92.4	22.1	77	70.5
I	Dec 2013	285	4.6	445.37	531	-56	80.69	91.2	19.0	76	66.8
C	Jan 2014	353	5.7	446.23	547	16	80.02	90.0	24.2	75	68.4
A	Feb 2014	450	8.1	448.13	582	35	82.38	92.4	31.2	77	69.4
L	Mar 2014	809	13.1	447.05	562	-20	77.18	106.8	55.4	89	68.5
*	Apr 2014	756	12.7	448.11	582	20	80.82	120.0	52.3	100	69.1
	May 2014	724	11.8	448.70	593	11	76.34	106.8	48.4	89	66.9
	Jun 2014	688	11.6	448.50	589	-4	75.95	120.0	45.7	100	66.4
	Jul 2014	714	11.6	448.00	580	-9	75.61	120.0	47.2	100	66.2
	Aug 2014	602	9.8	447.50	571	-10	75.13	120.0	39.4	100	65.5
	Sep 2014	541	9.1	446.81	557	-13	74.55	120.0	35.1	100	64.9
	WY 2014	**6702**							**451.7**		
	Oct 2014	445	7.2	446.31	548	-9	74.77	102.0	28.7	85	64.6
	Nov 2014	365	6.1	446.50	552	3	74.62	102.0	23.4	85	64.0
	Dec 2014	273	4.4	446.50	552	0	74.71	102.0	17.1	85	62.7
	Jan 2015	351	5.7	446.50	552	0	74.71	102.0	22.4	85	63.8
	Feb 2015	456	8.2	446.50	552	0	73.92	120.0	29.3	100	64.2
	Mar 2015	709	11.5	446.70	555	4	74.01	120.0	46.0	100	64.9
	Apr 2015	801	13.5	448.70	593	38	75.08	120.0	52.9	100	66.0
	May 2015	707	11.5	448.70	593	0	76.05	120.0	47.0	100	66.5
	Jun 2015	696	11.7	448.70	593	0	76.05	120.0	46.3	100	66.5
	Jul 2015	729	11.9	448.00	580	-13	75.71	120.0	48.3	100	66.3
	Aug 2015	641	10.4	447.50	571	-9	75.13	120.0	42.1	100	65.6
	Sep 2015	566	9.5	446.81	557	-13	74.55	120.0	36.8	100	65.0
	WY 2015	**6738**							**440.2**		
	Oct 2015	461	7.5	446.31	548	-9	74.77	102.0	29.8	85	64.7
	Nov 2015	382	6.4	446.50	552	3	74.62	102.0	24.5	85	64.1
	Dec 2015	287	4.7	446.50	552	0	74.71	102.0	18.1	85	62.9
	Jan 2016	348	5.7	446.50	552	0	74.71	102.0	22.2	85	63.7
	Feb 2016	437	7.6	446.50	552	0	73.92	120.0	28.0	100	64.0
	Mar 2016	732	11.9	446.70	555	4	74.01	120.0	47.6	100	65.0
	Apr 2016	816	13.7	448.70	593	38	75.08	120.0	53.9	100	66.1

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2014 24-Month Study

Most Probable Inflow*

Upper Basin Power

	Date	Glen Canyon 1000 MWHR	Flaming Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Reservoir 1000 MWHR	Fontenelle Reservoir 1000 MWHR
*	May 2013	257	26	15	23	15	3
H	Jun 2013	344	52	18	26	16	3
I	Jul 2013	361	26	26	35	20	3
S	Aug 2013	338	26	23	31	18	3
T	Sep 2013	253	25	17	24	14	3
	Summer 2013	**1789**	**173**	**108**	**153**	**90**	**19**
O	Oct 2013	202	19	12	16	10	1
R	Nov 2013	231	18	3	0	1	4
I	Dec 2013	253	19	3	0	1	5
C	Jan 2014	337	19	3	0	0	4
A	Feb 2014	247	17	3	4	0	4
L	Mar 2014	207	19	6	8	4	4
	Winter 2014	**1477**	**110**	**30**	**28**	**17**	**22**
*	Apr 2014	206	19	7	13	9	5
	May 2014	191	45	57	109	23	6
	Jun 2014	240	103	54	103	22	7
	Jul 2014	326	39	23	32	18	9
	Aug 2014	325	39	30	39	19	8
	Sep 2014	243	38	22	28	15	3
	Summer 2014	**1532**	**283**	**193**	**324**	**106**	**39**
	Oct 2014	243	39	12	16	9	7
	Nov 2014	242	38	3	5	3	7
	Dec 2014	320	39	3	5	3	7
	Jan 2015	318	39	9	12	6	6
	Feb 2015	257	35	8	11	6	5
	Mar 2015	256	39	9	13	7	5
	Winter 2015	**1635**	**227**	**44**	**61**	**35**	**39**
	Apr 2015	236	37	12	19	11	5
	May 2015	259	53	35	53	23	7
	Jun 2015	328	77	21	32	21	9
	Jul 2015	415	37	35	43	23	10
	Aug 2015	434	37	38	45	23	9
	Sep 2015	329	35	35	42	21	3
	Summer 2015	**2001**	**277**	**178**	**234**	**123**	**43**
	Oct 2015	245	37	22	26	14	6
	Nov 2015	245	35	12	16	8	6
	Dec 2015	325	37	27	34	17	6
	Jan 2016	323	37	23	29	15	6
	Feb 2016	261	34	15	19	10	5
	Mar 2016	260	36	9	13	7	5
	Winter 2016	**1398**	**179**	**99**	**124**	**64**	**29**
	Apr 2016	241	42	12	19	11	5

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2170

Processed On: 5/12/2014 9:28:00AM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2014 24-Month Study

Most Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions

Date	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Total KAF	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****EFFECTIVE SPACE****										
May 2014	985	320	643	14590	16539	16123	32662	605	39	250	894	14590	16123	31608	1500	1061	0	29.6
Jun 2014	821	382	548	12811	14562	16669	31232	425	89	119	633	12811	16669	30114	1500	970	0	31.3
Jul 2014	641	347	501	10999	12489	17073	29562	230	34	22	286	10999	17073	28358	1500	899	0	31.2
								****CREDITABLE SPACE****										
Aug 2014	431	307	535	11073	12345	17198	29544	431	307	535	1272	11073	17198	29544	1500	825	0	30.8
Sep 2014	431	340	558	11384	12713	17206	29918	431	340	558	1329	11384	17206	29918	2270	686	0	30.4
Oct 2014	473	363	560	11546	12941	17268	30209	473	363	560	1395	11546	17268	30209	3040	570	0	30.2
Nov 2014	514	358	552	11642	13066	17250	30316	514	358	552	1424	11642	17250	30316	3810	638	0	30.0
Dec 2014	564	336	550	11779	13228	17288	30516	564	336	550	1450	11779	17288	30516	4580	598	0	29.9
Jan 2015	636	321	552	12158	13667	17049	30716	636	321	552	1509	12158	17049	30716	5350	725	0	29.7
								****EFFECTIVE SPACE****										
Jan 2015	636	321	552	12158	13667	17049	30716	298	321	440	1059	12158	17049	30266	5350	725	0	29.7
Feb 2015	704	325	556	12506	14091	16950	31040	364	325	443	1133	12506	16950	30588	1500	694	0	29.4
Mar 2015	757	328	550	12709	14344	16959	31303	415	328	436	1179	12709	16959	30848	1500	1046	0	29.1
Apr 2015	765	323	494	12768	14350	17316	31665	419	323	373	1115	12768	17316	31199	1500	1132	0	29.1
May 2015	740	291	401	12537	13969	17787	31756	388	291	259	939	12537	17787	31263	1500	1015	0	30.2
Jun 2015	651	201	276	11318	12446	18135	30582	288	197	98	584	11318	18135	30037	1500	950	0	31.7
Jul 2015	488	32	273	9984	10777	18322	29100	110	5	43	158	9984	18322	28465	1500	875	0	31.8
								****CREDITABLE SPACE****										
Aug 2015	396	27	287	10042	10752	18229	28981	396	27	287	710	10042	18229	28981	1500	835	0	31.4
Sep 2015	422	77	304	10512	11315	18002	29317	422	77	304	803	10512	18002	29317	2270	675	0	31.1
Oct 2015	475	146	307	10803	11731	17863	29594	475	146	307	928	10803	17863	29594	3040	553	0	30.8
Nov 2015	523	174	301	10855	11854	17824	29678	523	174	301	999	10855	17824	29678	3810	613	0	30.7
Dec 2015	572	184	306	10956	12018	17846	29864	572	184	306	1062	10956	17846	29864	4580	513	0	30.7
Jan 2016	639	248	318	11260	12465	17537	30002	639	248	318	1205	11260	17537	30002	5350	631	0	30.5
								****EFFECTIVE SPACE****										
Jan 2016	639	248	318	11260	12465	17537	30002	309	248	199	757	11260	17537	29554	5350	631	0	30.5
Feb 2016	700	301	331	11560	12893	17342	30235	369	301	212	882	11560	17342	29785	1500	693	0	30.2
Mar 2016	751	328	334	11736	13149	17343	30492	418	328	214	960	11736	17343	30039	1500	1062	0	29.9
Apr 2016	753	323	288	11793	13156	17708	30864	415	323	160	899	11793	17708	30400	1500	1139	0	29.8

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2170

Processed On: 5/12/2014 9:28:00AM

June 24-Month Study
Date: June 13, 2014

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

Reservoir	May Inflow (unregulated) (acre-feet)	Percent of Average (%)	June 11 Midnight Elevation (feet)	Reservoir Storage (acre-feet)
Fontenelle	272,000	166	6490.47	230,000
Flaming Gorge	333,000	137	6026.43	3,213,000
Blue Mesa	242,000	109	7503.99	695,000
Navajo	176,000	64	6046.77	1,188,000
Powell	2,082,000	89	3600.15	11,764,000

Expected Operations

The operation of Lake Powell and Lake Mead in this June 2014 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines), and reflects the 2014 Annual Operating Plan (AOP). Pursuant to the Interim Guidelines, the August 2013 24-Month Study projections of the January 1, 2014, system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2014.

Consistent with Section 6.C.1 of the Interim Guidelines, the Lake Powell operational tier for water year 2014 is the Mid-Elevation Release Tier with an annual release volume of 7.48 maf.

Consistent with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar year 2014.

The Interim Guidelines are available for download at:
http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The 2014 AOP is available for download at:
http://www.usbr.gov/lc/region/g4000/aop/AOP14.pdf.

Fontenelle Reservoir – Inflows to Fontenelle Reservoir for the month of May were 272,000 acre-feet (AF), or 166 percent of average. The reservoir elevation is 6490 feet, 67 percent of live capacity. Inflows are averaging 8,000 cubic feet per second (cfs). Fontenelle releases are currently at 7,000 cfs and will continue decreasing throughout June and July to base flow levels.

Inflows for the next three months are projected to be above average: with June, July and August forecasted inflow volumes at 550,000 AF (184% of average), 207,000 AF (117% of average), and 85,000 AF (111% of average), respectively.

The next Fontenelle Working Group meeting is scheduled for August 20, 2014, at 10:00 am at the Joint Powers Water Board in Green River, Wyoming. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir.

Flaming Gorge Reservoir – Unregulated inflow into Flaming Gorge Reservoir during the month of May was 333,000 acre-feet (AF), or 137 percent of average. The reservoir elevation is 6,026 feet. Observed inflows are averaging 9,000 cubic feet per second (cfs).

Flaming Gorge releases are currently 8,600 cfs steady maximum releases and are anticipated to remain at this level through June 20, 2014, when releases will begin decreasing to base flows.

Inflows for the next three months are projected to be above average: with June, July and August forecasted inflow volumes at 640,000 AF (164% of average), 219,000 AF (104% of average), and 92,000 AF (104% of average), respectively. The May final forecast of the April-July unregulated inflow volume into Flaming Gorge Reservoir is 1,320,000 AF (135% of average). Based on the May final forecast, the spring hydrologic classification will be average.

The next Flaming Gorge Working Group meeting is scheduled for August 21, 2014, at 11:00 a.m. to be held in the Utah Department of Natural Resources building in Vernal, Utah. The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stake holders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations and plans presented by Reclamation at these meetings. Meeting notes from past Working Group meetings are posted on the Working Group webpage. For more information on this group and these meetings please contact Ed Vidmar at 801-379-1182.

Aspinall Unit Reservoirs – May unregulated inflow into Blue Mesa Reservoir was 242,000 acre-feet or 109 percent of average. The Gunnison River Basin spring peak occurred later than normal this year. Blue Mesa reached a peak inflow of 8,900 cfs on June 2nd. The basin snowpack is melting very rapidly. The current inflow rate into Blue Mesa Reservoir is about 5,000 cfs while reservoir releases are averaging about 6,500 cfs.

Blue Mesa's present elevation is 7504.00 feet, which corresponds to a storage content of about 695,000 acre-feet. Precipitation during May was 125 percent of average.

The May 1st Water Supply Forecast issued from the River Forecast Center called for a April-July inflow into Blue Mesa Reservoir of 850,000 acre-feet (126% of normal). This set the senior Black Canyon Water Right call for a one day spring peak flow of 6,400 cfs, and the Aspinall ROD target at a 10 day peak flow of 14,350 cfs, and 40 day half-bank flow of 8,070 cfs. At this time Reclamation is attempting to operate the Aspinall Unit to meet both the water right and ROD recommendations. Based on this forecast and the combination of meeting water rights and ROD targets this spring, Blue Mesa Reservoir is not projected fill this runoff season. The projected fill is calculated to be about 7505.00 feet. Any elevation above 7516.00 is considered a fill for the season.

Reservoir releases (Blue Mesa, Morrow, and Crystal) have been set according to reaching ROD flow targets down at the Whitewater gage. System releases started increasing on May 23rd. The current total release from Crystal Dam is now 7,300 cfs. The Gunnison Diversion Tunnel started taking water for the new season on March 27th with the current diversion rate in the tunnel at about 1,000 cfs. This results in a river flow below the diversion tunnel of approximately 6,300 cfs. System releases started to decrease on June 10th. Peak flows in the canyon reached about 9,300 cfs, while peak flows at the Whitewater gage reached 12,500 cfs for about 3-days.

The Black Canyon Water Right was met on June 4th, when releases from Crystal averaged more than 8,400 cfs. The Gunnison Diversion Tunnel was diverting about 1,000 cfs, which resulted in a river flow below the diversion tunnel of approximately 7,400 cfs. Flows at Delta, Colorado reached 10,500 cfs on that same day.

The next meeting of the "Aspinall Unit Working Group" will be held on Thursday, September 4, 2014 starting at 1:00 PM at the Elk Creek Visitor Center at Blue Mesa Reservoir. At this meeting, review of this spring's reservoir operations, and plans for this fall and winter operations will be discussed. These meetings are open forum discussions on the Aspinall Unit reservoir operations with many interested groups participating. Anyone needing further information about these meetings should contact Erik Knight in the Grand Junction Area Office at (970) 248-0629.

Navajo Reservoir – Reclamation has been releasing 300 cfs from Navajo Reservoir since May 27th, 2014. Releases are made for the authorized purposes of the Navajo Unit, and to attempt to maintain a target base flow through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell). The San Juan River Basin Recovery Implementation Program recommends a target base flow of between 500 cfs and 1,000 cfs through the critical habitat area. The target base flow is calculated as the weekly average of gaged flows throughout the critical habitat area.

Navajo was at 6042.68 ft of pool elevation and 1,142,085 acre-ft of storage by the end of May, which was 80% of average for the end of the month. Observed inflow into Navajo

was 140,668 af, (modified-unregulated inflow volume of 175,919 af) which was 65% of average for May. Calculated evaporation for the month was 2,957 acre-ft. Navajo released 250 cfs through the end of the month, and then increased to 300 cfs for mechanical reasons. Navajo Reservoir recorded 0.15 inches of liquid precipitation (15% of average).

As of June 8th, the release at Navajo is 300 cfs, and the observed inflow is 2,147 cfs. The reservoir elevation is 6046.31 ft and the content is 1,182,839 acre-ft, or 70% full (50% of Active) and is still rising. The San Juan River at Four Corners USGS gage is at 3,520 cfs and the Animas River at Farmington USGS gage is at 3,290 cfs.

SNOTEL sites above Navajo are showing an average of 2.10 inches of snow water equivalent (SWE) above Navajo, which is 4% of average (1987-present) for this time of year. SNOTEL data has been erratic and appears to be faulty at this point, however. It is more likely that the SNOTEL gages have melted out at this point.

The most probable modified-unregulated inflow forecast for June at Navajo is 136,000 acre-ft (61% of average), for July is 20,000 acre-ft (30% of average), and for August is 23,000 acre-ft (51% of average). The April-July total inflow forecasts are as follows: min probable inflow forecast is 430,000 acre-ft (58 of average), most probable inflow forecast is 455,000 acre-ft (62% of average), and the max probable inflow forecast is 495,000 acre-ft (67% of average).

Reclamation and SJRIP have agreed to forego a spring peak release for 2014 in the interests of recovering the reservoir and reducing the risk of a shortage. The release will continue to be that which is required to maintain the target base flows downstream.

Glen Canyon Dam / Lake Powell

Current Status

The unregulated inflow volume to Lake Powell in May was 2,082 thousand acre-feet (kaf) (89% of average). The release volume from Glen Canyon Dam in May was 493 kaf. The end of May elevation and storage of Lake Powell were 3,589.4 feet (111 feet from full pool) and 10.76 million acre-feet (maf) (44% of full capacity), respectively. The reservoir elevation is increasing as spring runoff begins to enter the reservoir. Basin-wide snowpack peaked at 111% of median on April 7th and runoff is well underway with less than 10% of the measurable snowpack remaining.

Current Operations

The operating tier for water year 2014 is the Mid-Elevation Release Tier with an annual release volume of 7.48 maf, as established in August 2013 and pursuant to the Interim Guidelines, Section 6.C.1. Reclamation will schedule operations at Glen Canyon Dam to achieve as practicably as possible a 7.48 maf annual release by September 30, 2014.
In June, the release volume will be approximately 600 kaf, with fluctuations between about 7,000 cfs in the nighttime to about 13,000 cfs in the daytime and consistent with

the Glen Canyon Operating Criteria (Federal Register, Volume 62, No. 41, March 3, 1997). In July, the release volume will likely be approximately 800 kaf with daily fluctuations between about 10,000 cfs and 18,000 cfs. The anticipated release volume for August is about 800 kaf with fluctuations between approximately 9,000 cfs and 17,000 cfs.

In addition to daily scheduled fluctuations for power generation, the instantaneous releases from Glen Canyon Dam may also fluctuate to provide 40 MW of system regulation. These instantaneous release adjustments stabilize the electrical generation and transmission system and translate to a range of about 1,200 cfs above or below the hourly scheduled release rate. Under system normal conditions, fluctuations for regulation are typically short lived and generally balance out over the hour with minimal or no noticeable impacts on downstream river flow conditions.

Releases from Glen Canyon Dam can also fluctuate beyond scheduled releases when called upon to respond to unscheduled power outages or power system emergencies. Depending on the severity of the system emergency, the response from Glen Canyon Dam can be significant, within the full range of the operating capacity of the power plant for as long as is necessary to maintain balance in the transmission system. Glen Canyon Dam typically maintains 41MW (approximately 1,200 cfs) of generation capacity in reserve in order to respond to a system emergency even when generation rates are already high. System emergencies occur fairly infrequently and typically require small responses from Glen Canyon Dam. However, these responses can have a noticeable impact on the river downstream of Glen Canyon Dam.

Inflow Forecasts and Model Projections

The forecast for the 2014 April to July water supply season for Lake Powell, issued on June 2, 2014 by the Colorado Basin River Forecast Center, projects that the most probable (median) unregulated inflow volume will be 7.55 maf (105% of average based on the period 1981-2010). The April-July most probable forecast remained the same as last month. The seasonal snowpack peaked on April 7, 2014 at 111% of median and nearly all of the measurable snowpack has now melted. The April-July forecast ranges from a minimum probable of 6.60 maf (92% of average) to a maximum probable of 8.45 maf (118% of average). (For reference, the 30-year April-July average is 7.16 maf.) There is a 10 percent chance that inflows could be higher than the maximum probable and a 10 percent chance they could be lower than the minimum probable.

Based on the current forecast, the June 24-Month study projects Lake Powell elevation will peak near approximately 3,614 feet near the end of July and end the water year near 3,610 feet with approximately 12.7 maf in storage (52% capacity). Note that projections of elevation and storage have uncertainty, primarily due to uncertainty regarding the spring runoff and resulting inflow to Lake Powell. Under the minimum probable inflow scenario, last updated in April, the projected summer peak is 3,599 ft and end of water year storage is 11.0 maf (45% capacity). Under the maximum probable inflow scenario, updated in April, the projected summer peak is 3,632 ft and end of water year storage is 14.9 maf (61% capacity). There is a 10 percent chance that inflows will be higher,

resulting in higher elevation and storage, and 10 percent chance that inflows will be lower, resulting in lower elevation and storage. The annual release volume from Lake Powell during water year 2014 is projected to be 7.48 maf under all inflow scenarios. Consistent with Section 6.C.1 of the Interim Guidelines, the Lake Powell operational tier for water year 2014 is the Mid-Elevation Release Tier with an annual release volume of 7.48 maf. This was determined in the August 2013 24-Month Study and documented in the 2014 Annual Operating Plan signed by Secretary Jewell in December 2013.

Upper Colorado River Basin Hydrology

The Upper Colorado River Basin regularly experiences significant year to year hydrologic variability. During the 14-year period 2000 to 2013, however, the unregulated inflow to Lake Powell, which is a good measure of hydrologic conditions in the Colorado River Basin, was above average in only 3 out of the past 14 years. The period 2000-2013 is the lowest 14-year period since the closure of Glen Canyon Dam in 1963, with an average unregulated inflow of 8.25 maf, or 76% of the 30-year average (1981-2010). (For comparison, the 1981-2010 total water year average is 10.83 maf.) The unregulated inflow during the 2000-2013 period has ranged from a low of 2.64 maf (24% of average) in water year 2002 to a high of 15.97 maf (147% of average) in water year 2011. Under the current forecast, total water year 2014 unregulated inflows to Lake Powell are expected to range between a minimum probable of 9.8 maf (91% of average) and a maximum probable of 11.7 maf (108% of average) with a most probable projection of 10.78 maf (100% of average).

At the beginning of water year 2014, total system storage in the Colorado River Basin was 29.9 maf (50% of 59.6 maf total system capacity). This is about 4 maf less than the total storage at the beginning of water year 2013 which began at 34.0 maf (57% of capacity). Since the beginning of water year 2000, total Colorado Basin storage has experienced year to year increases and decreases in response to wet and dry hydrology, ranging from a high of 94% of capacity at the beginning of 2000 to a low of 50% of capacity at the beginning of water year 2014. One wet year can significantly increase total system reservoir storage, just as persistent dry years can draw down the system storage. Based on current inflow forecasts, the current projected end of water year 2014 total Colorado Basin reservoir storage is approximately 30.4 maf (51% of capacity). The actual end of water year storage may vary significantly from this projection, primarily due to uncertainty regarding this season's runoff. Based on April minimum and maximum probable inflow forecasts and modeling the range is approximately 28.4 maf (48%) to 33.2 maf (56%), respectively.

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-430
125 SOUTH STATE STREET, ROOM 6107
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-3709

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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:	Obs			may	Forecast		Outlook		
:	feb	mar	apr	may	%Avg	jun	jul	aug	apr-jul	%Avg
GLDA3:Lake Powell	330	509	964	2082	89%:	3500/	1000/	450/	7550/:	105%
GBRW4:Fontenelle	29	56	101	272	166%:	550/	207/	85/	1130/:	156%
GRNU1:Flaming Gorge	46	86	128	333	137%:	640/	219/	92/	1320/:	135%
BMDC2:Blue Mesa	23	32	129	242	109%:	370/	119/	60/	860/:	127%
MPSC2:Morrow Point	24	33	143	268	108%:	395/	124/	63/	930/:	126%
CLSC2:Crystal	29	39	154	297	106%:	440/	139/	70/	1030/:	123%
TPIC2:Taylor Park	4.4	4.5	11.9	30	106%:	56/	20/	10/	118/:	119%
VCRC2:Vallecito	4.6	7.4	28	60	84%:	60/	21/	16/	169/:	87%
NVRN5:Navajo	23	52	123	176	64%:	136/	20/	23/	455/:	62%
LEMC2:Lemon	0.76	1.41	7.5	16.5	77%:	14/	4/	3.3/	42/:	76%
MPHC2:McPhee	4.3	8.0	43	77	62%:	58/	12/	8.4/	190/:	64%
RBSC2:Ridgway	4.4	4.9	11.4	23	89%:	43/	17/	10/	94/:	93%

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2014 24-Month Study

Most Probable Inflow*

Fontenelle Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jun 2013	91	2	47	0	48	6489.79	226
H	Jul 2013	67	2	48	0	48	6492.28	243
I	Aug 2013	32	2	43	0	43	6490.28	229
S	Sep 2013	47	2	42	0	42	6490.87	233
	WY 2013	**575**	**14**	**534**	**57**	**591**		
T	Oct 2013	53	1	19	24	43	6492.11	241
O	Nov 2013	41	1	51	4	55	6489.91	226
R	Dec 2013	30	1	61	0	61	6485.02	195
I	Jan 2014	29	1	61	0	61	6479.35	163
C	Feb 2014	29	0	55	0	55	6474.06	136
A	Mar 2014	56	0	71	0	71	6470.70	121
L	Apr 2014	101	1	83	1	84	6474.33	138
*	May 2014	272	1	96	126	222	6483.58	186
	Jun 2014	550	2	102	355	457	6497.18	278
	Jul 2014	207	3	102	44	146	6504.84	336
	Aug 2014	85	2	92	0	92	6503.63	327
	Sep 2014	68	2	36	46	82	6501.61	311
	WY 2014	**1521**	**15**	**829**	**600**	**1429**		
	Oct 2014	60	1	82	0	82	6498.48	288
	Nov 2014	52	1	80	0	80	6494.53	259
	Dec 2014	41	1	82	0	82	6488.28	217
	Jan 2015	38	1	82	0	82	6480.93	172
	Feb 2015	35	1	74	0	74	6472.95	132
	Mar 2015	53	0	82	0	82	6465.85	102
	Apr 2015	80	1	65	0	65	6469.32	116
	May 2015	160	1	68	0	68	6486.80	207
	Jun 2015	280	2	104	90	193	6499.02	292
	Jul 2015	180	3	101	29	131	6505.07	338
	Aug 2015	69	2	92	0	92	6501.81	313
	Sep 2015	42	2	37	30	67	6498.30	286
	WY 2015	**1090**	**15**	**951**	**149**	**1100**		
	Oct 2015	46	1	69	0	69	6494.96	262
	Nov 2015	41	1	67	0	67	6491.16	236
	Dec 2015	32	1	69	0	69	6485.37	198
	Jan 2016	30	1	69	0	69	6478.53	159
	Feb 2016	28	0	62	0	62	6471.14	124
	Mar 2016	53	0	69	0	69	6467.13	107
	Apr 2016	85	1	77	0	77	6469.06	115
	May 2016	164	1	98	5	104	6481.28	174

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2172

Processed On: 6/12/2014 3:56:35PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2014 24-Month Study

Most Probable Inflow*

Flaming Gorge Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	Jun 2013	91	48	10	135	3	138	117	6017.91	2906	366
H	Jul 2013	66	47	12	68	0	68	116	6016.99	2875	99
I	Aug 2013	22	33	11	68	0	68	114	6015.71	2831	87
S	Sep 2013	67	62	10	66	0	66	113	6015.33	2818	95
	WY 2013	**657**	**673**	**73**	**818**	**3**	**821**				**1744**
T	Oct 2013	68	58	6	51	0	51	113	6015.35	2819	108
O	Nov 2013	41	55	3	48	0	48	114	6015.47	2823	96
R	Dec 2013	32	62	2	49	0	49	114	6015.79	2834	403
I	Jan 2014	33	65	2	49	0	49	115	6016.19	2847	405
C	Feb 2014	46	71	2	45	0	45	116	6016.89	2871	99
A	Mar 2014	86	100	3	49	1	50	117	6018.21	2917	123
L	Apr 2014	128	111	5	50	0	50	120	6019.75	2971	306
*	May 2014	333	283	8	53	0	53	128	6025.67	3185	594
	Jun 2014	640	547	10	282	97	379	134	6029.67	3336	379
	Jul 2014	219	158	14	106	0	106	136	6030.62	3373	106
	Aug 2014	92	99	13	106	0	106	135	6030.13	3354	106
	Sep 2014	65	79	11	103	0	103	134	6029.25	3320	103
	WY 2014	**1783**	**1690**	**78**	**991**	**99**	**1089**				**2828**
	Oct 2014	66	88	7	106	0	106	133	6028.63	3296	106
	Nov 2014	60	88	3	103	0	103	132	6028.16	3279	103
	Dec 2014	42	83	2	106	0	106	131	6027.54	3255	106
	Jan 2015	46	90	2	106	0	106	130	6027.10	3238	106
	Feb 2015	50	89	2	96	0	96	130	6026.88	3230	96
	Mar 2015	100	129	3	106	0	106	131	6027.40	3250	106
	Apr 2015	132	117	5	131	0	131	130	6026.93	3232	131
	May 2015	200	108	8	167	0	167	128	6025.21	3168	167
	Jun 2015	320	233	10	208	0	208	128	6025.61	3183	208
	Jul 2015	200	151	13	83	0	83	130	6027.01	3235	83
	Aug 2015	77	100	12	83	0	83	130	6027.13	3240	83
	Sep 2015	47	72	11	80	0	80	130	6026.63	3221	80
	WY 2015	**1340**	**1350**	**79**	**1374**	**0**	**1374**				**1374**
	Oct 2015	53	76	7	83	0	83	129	6026.27	3207	83
	Nov 2015	49	74	3	80	0	80	129	6026.03	3198	80
	Dec 2015	35	72	2	83	0	83	128	6025.69	3186	83
	Jan 2016	40	79	2	83	0	83	128	6025.54	3180	83
	Feb 2016	45	79	2	78	0	78	128	6025.53	3180	78
	Mar 2016	102	119	3	83	0	83	129	6026.37	3211	83
	Apr 2016	134	125	5	100	0	100	130	6026.90	3231	100
	May 2016	245	185	8	268	0	268	127	6024.56	3144	268

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2014 24-Month Study

Most Probable Inflow*

Taylor Park Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jun 2013	26	12	9320.43	88
H	Jul 2013	9	15	9316.95	81
I	Aug 2013	7	15	9312.37	74
S	Sep 2013	8	12	9309.95	70
	WY 2013	**97**	**83**		
T	Oct 2013	7	6	9310.82	71
O	Nov 2013	5	5	9310.99	71
R	Dec 2013	5	5	9310.93	71
I	Jan 2014	5	5	9310.93	71
C	Feb 2014	4	4	9311.08	72
A	Mar 2014	5	5	9310.72	71
L	Apr 2014	12	13	9310.23	70
*	May 2014	30	26	9312.59	74
	Jun 2014	56	30	9326.94	100
	Jul 2014	20	28	9322.78	92
	Aug 2014	10	20	9317.29	82
	Sep 2014	8	16	9312.59	74
	WY 2014	**166**	**162**		
	Oct 2014	8	10	9311.37	72
	Nov 2014	6	6	9311.37	72
	Dec 2014	6	6	9311.37	72
	Jan 2015	5	6	9310.75	71
	Feb 2015	4	6	9309.49	69
	Mar 2015	4	6	9308.21	67
	Apr 2015	8	6	9309.49	69
	May 2015	26	16	9315.56	79
	Jun 2015	41	20	9326.94	100
	Jul 2015	16	22	9323.84	94
	Aug 2015	9	18	9318.98	85
	Sep 2015	7	14	9314.98	78
	WY 2015	**140**	**136**		
	Oct 2015	6	12	9311.64	73
	Nov 2015	5	6	9311.03	72
	Dec 2015	5	6	9310.21	70
	Jan 2016	4	6	9309.17	69
	Feb 2016	4	6	9307.75	66
	Mar 2016	4	6	9306.73	65
	Apr 2016	9	6	9308.53	68
	May 2016	28	16	9316.01	80

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Managing Water in the West

June 2014 24-Month Study

Most Probable Inflow*

Blue Mesa Reservoir

	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jun 2013	126	111	1	69	0	69	7470.58	440
H	Jul 2013	44	51	1	98	0	98	7463.20	391
I	Aug 2013	46	54	1	89	0	89	7457.29	355
S	Sep 2013	57	61	1	66	0	66	7456.24	348
	WY 2013	**561**	**547**	**6**	**517**	**0**	**532**		
T	Oct 2013	48	47	0	46	0	46	7456.34	349
O	Nov 2013	33	33	0	14	0	14	7459.38	367
R	Dec 2013	25	25	0	11	0	11	7461.56	381
I	Jan 2014	22	22	0	14	0	14	7462.81	389
C	Feb 2014	23	22	0	13	0	13	7464.31	398
A	Mar 2014	32	33	0	23	0	23	7465.76	408
L	Apr 2014	129	130	1	28	0	28	7480.43	509
*	May 2014	242	240	1	69	3	72	7501.73	676
	Jun 2014	370	344	1	203	137	340	7502.04	678
	Jul 2014	119	127	1	130	0	130	7501.51	674
	Aug 2014	60	70	1	118	0	118	7495.49	625
	Sep 2014	46	54	1	83	0	83	7491.72	595
	WY 2014	**1150**	**1147**	**8**	**753**	**140**	**893**		
	Oct 2014	45	47	1	42	0	42	7492.29	599
	Nov 2014	36	36	0	25	0	25	7493.65	610
	Dec 2014	32	32	0	61	0	61	7490.00	581
	Jan 2015	29	30	0	60	0	60	7486.07	551
	Feb 2015	24	26	0	55	0	55	7482.17	522
	Mar 2015	37	39	0	47	0	47	7481.03	514
	Apr 2015	73	71	1	35	0	35	7485.76	549
	May 2015	215	205	1	203	40	243	7480.53	510
	Jun 2015	253	232	1	49	0	49	7503.64	692
	Jul 2015	98	104	1	85	0	85	7505.71	709
	Aug 2015	53	62	1	92	0	92	7502.01	678
	Sep 2015	40	47	1	82	0	82	7497.63	642
	WY 2015	**935**	**931**	**8**	**836**	**40**	**876**		
	Oct 2015	40	45	1	52	0	52	7496.71	635
	Nov 2015	32	33	0	41	0	41	7495.64	626
	Dec 2015	26	27	0	71	0	71	7490.00	581
	Jan 2016	24	26	0	73	0	73	7483.81	534
	Feb 2016	22	25	0	51	0	51	7480.21	508
	Mar 2016	36	38	0	32	0	32	7480.92	513
	Apr 2016	77	74	1	42	0	42	7485.17	544
	May 2016	221	209	1	203	50	253	7479.06	499

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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RECLAMATION
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June 2014 24-Month Study

Most Probable Inflow*

Morrow Point Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jun 2013	132	69	6	75	75	0	75	7154.39	113
H	Jul 2013	45	98	0	98	99	0	99	7153.53	112
I	Aug 2013	46	89	0	90	89	0	89	7154.91	113
S	Sep 2013	58	66	2	68	69	0	69	7154.20	112
	WY 2013	**595**	**532**	**35**	**567**	**563**	**0**	**563**		
T	Oct 2013	50	46	2	48	47	1	50	7152.26	111
O	Nov 2013	34	14	1	15	0	0	15	7152.65	111
R	Dec 2013	26	11	1	12	0	0	16	7147.65	107
I	Jan 2014	24	14	2	16	0	0	16	7148.51	108
C	Feb 2014	24	13	2	14	12	0	14	7148.21	108
A	Mar 2014	33	23	1	24	25	0	25	7146.76	107
L	Apr 2014	143	28	13	41	42	0	42	7146.13	106
*	May 2014	268	72	26	98	93	0	93	7152.55	111
	Jun 2014	395	340	25	365	296	68	364	7153.73	112
	Jul 2014	124	130	5	135	135	0	135	7153.73	112
	Aug 2014	63	118	3	121	121	0	121	7153.73	112
	Sep 2014	49	83	3	86	86	0	86	7153.73	112
	WY 2014	**1233**	**893**	**84**	**976**	**856**	**69**	**976**		
	Oct 2014	48	42	3	45	45	0	45	7153.73	112
	Nov 2014	39	25	3	28	28	0	28	7153.73	112
	Dec 2014	35	61	3	64	64	0	64	7153.73	112
	Jan 2015	32	60	3	63	63	0	63	7153.73	112
	Feb 2015	26	55	2	57	57	0	57	7153.73	112
	Mar 2015	40	47	3	50	50	0	50	7153.73	112
	Apr 2015	83	35	10	45	45	0	45	7153.73	112
	May 2015	235	243	20	263	263	0	263	7153.73	112
	Jun 2015	270	49	17	66	66	0	66	7153.73	112
	Jul 2015	107	85	9	94	94	0	94	7153.73	112
	Aug 2015	56	92	3	95	95	0	95	7153.73	112
	Sep 2015	44	82	4	86	86	0	86	7153.73	112
	WY 2015	**1015**	**876**	**80**	**956**	**956**	**0**	**956**		
	Oct 2015	43	52	3	55	55	0	55	7153.73	112
	Nov 2015	34	41	3	44	44	0	44	7153.73	112
	Dec 2015	28	71	2	73	73	0	73	7153.73	112
	Jan 2016	27	73	2	75	75	0	75	7153.73	112
	Feb 2016	25	51	3	54	54	0	54	7153.73	112
	Mar 2016	40	32	4	36	36	0	36	7153.73	112
	Apr 2016	88	42	11	53	53	0	53	7153.73	112
	May 2016	247	253	26	279	279	0	279	7153.73	112

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2014 24-Month Study

Most Probable Inflow*

Crystal Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
*	Jun 2013	144	75	11	86	84	0	84	6744.76	15	65	25
H	Jul 2013	49	99	4	103	101	1	102	6748.24	16	67	41
I	Aug 2013	50	89	3	92	92	1	93	6745.72	15	62	36
S	Sep 2013	63	69	5	74	73	0	73	6746.17	15	48	29
	WY 2013	**661**	**563**	**65**	**628**	**614**	**14**	**627**			**363**	**291**
T	Oct 2013	55	50	5	54	56	0	56	6741.56	14	36	22
O	Nov 2013	40	15	6	21	15	4	19	6748.85	16	0	20
R	Dec 2013	30	16	4	20	20	0	20	6749.68	16	0	21
I	Jan 2014	27	16	3	19	6	14	20	6746.01	15	1	20
C	Feb 2014	29	14	5	19	3	17	20	6743.52	14	1	20
A	Mar 2014	39	25	6	31	30	0	31	6744.65	15	1	30
L	Apr 2014	154	42	11	53	53	0	53	6743.26	14	28	27
*	May 2014	297	93	29	122	88	22	118	6758.88	19	52	69
	Jun 2014	440	364	45	409	130	281	411	6753.04	17	60	351
	Jul 2014	139	135	15	150	134	16	150	6753.04	17	65	85
	Aug 2014	70	121	7	128	128	0	128	6753.04	17	65	63
	Sep 2014	54	86	5	91	91	0	91	6753.04	17	55	36
	WY 2014	**1375**	**976**	**141**	**1118**	**754**	**354**	**1115**			**364**	**764**
	Oct 2014	53	45	5	50	50	0	50	6753.04	17	30	20
	Nov 2014	43	28	4	32	32	0	32	6753.04	17	0	32
	Dec 2014	38	64	3	67	67	0	67	6753.04	17	0	67
	Jan 2015	34	63	2	65	65	0	65	6753.04	17	0	65
	Feb 2015	28	57	2	59	59	0	59	6753.04	17	0	59
	Mar 2015	44	50	4	54	54	0	54	6753.04	17	5	49
	Apr 2015	98	45	15	60	60	0	60	6753.04	17	30	30
	May 2015	265	263	30	293	134	159	293	6753.04	17	55	238
	Jun 2015	300	66	30	96	96	0	96	6753.04	17	60	36
	Jul 2015	115	94	8	102	102	0	102	6753.04	17	65	37
	Aug 2015	63	95	7	102	102	0	102	6753.04	17	65	37
	Sep 2015	49	86	5	91	91	0	91	6753.04	17	55	36
	WY 2015	**1130**	**956**	**115**	**1071**	**912**	**159**	**1071**			**365**	**705**
	Oct 2015	48	55	5	61	61	0	61	6753.04	17	30	31
	Nov 2015	39	44	4	48	48	0	48	6753.04	17	0	48
	Dec 2015	32	73	5	78	78	0	78	6753.04	17	0	78
	Jan 2016	31	75	5	80	80	0	80	6753.04	17	0	80
	Feb 2016	29	54	4	57	57	0	57	6753.04	17	0	57
	Mar 2016	46	36	6	42	42	0	42	6753.04	17	5	37
	Apr 2016	101	53	12	66	66	0	66	6753.04	17	30	36
	May 2016	281	279	34	313	134	179	313	6753.04	17	55	258

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Managing Water in the West

June 2014 24-Month Study

Most Probable Inflow*

Vallecito Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jun 2013	19	35	7639.75	64
H	Jul 2013	8	32	7626.95	40
I	Aug 2013	13	26	7617.79	26
S	Sep 2013	45	7	7639.82	64
	WY 2013	**169**	**138**		
T	Oct 2013	18	2	7646.84	80
O	Nov 2013	10	2	7650.16	87
R	Dec 2013	7	2	7652.32	93
I	Jan 2014	6	2	7653.61	96
C	Feb 2014	5	2	7654.41	98
A	Mar 2014	7	11	7653.05	94
L	Apr 2014	28	16	7657.59	106
*	May 2014	59	43	7663.60	122
	Jun 2014	60	59	7663.63	122
	Jul 2014	21	42	7655.53	101
	Aug 2014	16	38	7646.33	78
	Sep 2014	15	30	7639.58	63
	WY 2014	**252**	**249**		
	Oct 2014	12	17	7636.98	58
	Nov 2014	8	1	7640.06	64
	Dec 2014	6	2	7642.10	69
	Jan 2015	5	2	7643.63	72
	Feb 2015	4	1	7644.75	75
	Mar 2015	7	2	7647.05	80
	Apr 2015	21	1	7654.97	99
	May 2015	73	47	7664.73	125
	Jun 2015	66	66	7664.49	124
	Jul 2015	28	42	7659.16	110
	Aug 2015	19	38	7651.51	91
	Sep 2015	16	30	7645.61	77
	WY 2015	**265**	**248**		
	Oct 2015	15	17	7644.45	74
	Nov 2015	9	1	7647.46	81
	Dec 2015	6	2	7649.46	86
	Jan 2016	5	2	7651.03	89
	Feb 2016	5	1	7652.34	93
	Mar 2016	9	2	7655.09	99
	Apr 2016	23	1	7663.36	121
	May 2016	71	67	7664.65	124

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Managing Water in the West

June 2014 24-Month Study

Most Probable Inflow*

Navajo Reservoir

	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azetea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Farmington Flow (1000 Ac-Ft)
*	Jun 2013	40	8	46	3	42	33	6024.88	958	50
H	Jul 2013	2	1	25	3	40	51	6017.54	889	53
I	Aug 2013	43	3	53	3	34	41	6014.89	865	54
S	Sep 2013	151	5	110	2	15	25	6022.28	933	90
	WY 2013	**543**	**42**	**472**	**20**	**205**	**349**			**604**
T	Oct 2013	57	3	38	1	4	15	6024.13	951	45
O	Nov 2013	35	1	26	1	0	16	6025.11	960	43
R	Dec 2013	26	0	21	0	0	16	6025.59	965	39
I	Jan 2014	19	0	16	0	0	17	6025.41	963	36
C	Feb 2014	23	0	21	1	0	18	6025.70	966	35
A	Mar 2014	52	2	53	1	4	18	6028.76	996	41
L	Apr 2014	123	14	98	2	21	18	6034.32	1053	64
*	May 2014	176	20	141	3	31	17	6042.68	1142	115
	Jun 2014	136	16	119	4	46	18	6047.22	1193	18
	Jul 2014	20	0	40	4	52	21	6043.97	1156	21
	Aug 2014	23	0	45	3	44	22	6041.82	1133	22
	Sep 2014	28	0	42	2	24	21	6041.34	1127	21
	WY 2014	**720**	**57**	**660**	**23**	**227**	**216**			**500**
	Oct 2014	31	1	35	2	9	22	6041.67	1131	22
	Nov 2014	30	0	23	1	0	21	6041.80	1132	21
	Dec 2014	23	0	19	1	0	22	6041.47	1129	22
	Jan 2015	20	0	17	1	0	22	6040.94	1123	22
	Feb 2015	24	0	21	1	0	19	6041.04	1124	19
	Mar 2015	70	1	63	1	5	22	6044.23	1159	22
	Apr 2015	138	13	105	2	19	21	6049.75	1223	21
	May 2015	281	38	217	3	33	30	6061.95	1373	30
	Jun 2015	195	33	162	4	48	107	6062.14	1375	107
	Jul 2015	51	7	57	4	52	28	6060.01	1348	28
	Aug 2015	36	1	53	4	44	31	6058.02	1323	31
	Sep 2015	36	1	49	3	24	30	6057.38	1315	30
	WY 2015	**935**	**97**	**822**	**26**	**235**	**373**			**373**
	Oct 2015	42	2	43	2	9	31	6057.49	1316	31
	Nov 2015	32	1	24	1	0	30	6056.93	1309	30
	Dec 2015	25	0	20	1	0	31	6056.02	1298	31
	Jan 2016	22	0	18	1	0	31	6054.92	1285	31
	Feb 2016	30	0	27	1	0	28	6054.71	1282	28
	Mar 2016	92	2	83	2	5	31	6058.41	1328	31
	Apr 2016	170	15	133	3	20	29	6064.76	1410	29
	May 2016	277	41	232	4	33	200	6064.37	1404	200

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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June 2014 24-Month Study

Most Probable Inflow*

Lake Powell

	Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry Gage (1000 Ac-Ft)
*	Jun 2013	939	907	42	800	0	800	3600.07	4994	11757	806
H	Jul 2013	143	298	49	848	0	848	3594.17	4950	11202	862
I	Aug 2013	273	401	47	801	0	801	3589.64	4917	10788	815
S	Sep 2013	857	802	44	600	0	600	3591.25	4928	10934	607
	WY 2013	**5117**	**5358**	**361**	**8154**	**78**	**8232**				**8264**
T	Oct 2013	549	475	30	481	0	481	3590.88	4926	10900	483
O	Nov 2013	476	435	29	553	143	696	3587.90	4904	10631	695
R	Dec 2013	295	291	23	601	0	601	3584.43	4880	10324	595
I	Jan 2014	270	271	7	800	0	800	3578.69	4840	9828	811
C	Feb 2014	330	321	7	599	0	599	3575.55	4819	9563	609
A	Mar 2014	509	444	12	504	0	504	3574.76	4813	9497	512
L	Apr 2014	964	774	19	502	0	502	3577.56	4832	9732	511
*	May 2014	2082	1632	24	493	0	493	3589.38	4915	10764	498
	Jun 2014	3500	3155	42	600	0	600	3613.55	5101	13091	608
	Jul 2014	1000	952	55	800	0	800	3614.41	5108	13180	817
	Aug 2014	450	565	55	800	0	800	3611.79	5087	12911	819
	Sep 2014	350	442	50	604	0	604	3609.85	5071	12715	617
	WY 2014	**10775**	**9756**	**353**	**7337**	**143**	**7480**				**7576**
	Oct 2014	450	487	34	600	0	600	3608.49	5060	12579	609
	Nov 2014	450	473	33	600	0	600	3607.00	5048	12431	610
	Dec 2014	350	441	26	800	0	800	3603.37	5020	12074	808
	Jan 2015	350	443	8	800	0	800	3599.86	4993	11736	811
	Feb 2015	380	452	8	650	0	650	3597.85	4977	11546	657
	Mar 2015	570	544	14	650	0	650	3596.66	4968	11435	656
	Apr 2015	950	826	22	600	0	600	3598.66	4984	11623	609
	May 2015	2300	2115	28	650	0	650	3612.20	5090	12953	658
	Jun 2015	2500	2177	47	800	0	800	3623.93	5188	14185	808
	Jul 2015	850	756	59	1000	0	1000	3621.33	5166	13905	1017
	Aug 2015	400	485	57	1050	0	1050	3615.86	5120	13329	1069
	Sep 2015	350	444	51	800	0	800	3612.20	5090	12953	813
	WY 2015	**9900**	**9644**	**388**	**9000**	**0**	**9000**				**9124**
	Oct 2015	464	505	35	600	0	600	3611.01	5080	12833	609
	Nov 2015	450	490	33	600	0	600	3609.70	5070	12700	610
	Dec 2015	363	462	26	800	0	800	3606.32	5043	12363	808
	Jan 2016	361	462	8	800	0	800	3603.04	5017	12042	811
	Feb 2016	393	453	9	650	0	650	3601.07	5002	11852	657
	Mar 2016	665	588	14	650	0	650	3600.32	4996	11781	656
	Apr 2016	1056	880	23	600	0	600	3602.80	5015	12019	609
	May 2016	2343	2395	29	650	0	650	3618.53	5142	13608	658

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2014 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Glen Release (1000 Ac-Ft)	Side Inflow Glen to Hoover (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Jun 2013	800	1	59	948	15.9	28	947	798	1105.98	12276
H	Jul 2013	848	113	73	865	14.1	28	858	798	1105.92	12270
I	Aug 2013	801	132	78	808	13.1	27	791	799	1106.13	12289
S	Sep 2013	600	155	64	599	10.1	16	590	804	1106.92	12362
	WY 2013	**8232**	**824**	**612**	**9043**		**224**	**8927**			
T	Oct 2013	481	38	47	733	11.9	19	718	786	1104.04	12099
O	Nov 2013	696	101	47	513	8.6	12	510	800	1106.36	12310
R	Dec 2013	601	43	40	558	9.1	9	556	802	1106.73	12344
I	Jan 2014	800	45	33	605	9.8	8	604	815	1108.75	12531
C	Feb 2014	599	76	31	717	12.9	8	716	810	1107.94	12456
A	Mar 2014	504	29	34	1090	17.7	13	1087	773	1101.71	11888
L	Apr 2014	502	17	41	1134	19.1	20	1130	731	1094.55	11254
*	May 2014	493	14	46	1086	17.7	30	1084	692	1087.46	10639
	Jun 2014	600	23	54	956	16.1	29	956	666	1082.84	10248
	Jul 2014	800	64	67	945	15.4	32	945	655	1080.82	10079
	Aug 2014	800	116	71	774	12.6	28	774	658	1081.31	10120
	Sep 2014	604	97	58	685	11.5	19	685	654	1080.62	10062
	WY 2014	**7480**	**662**	**567**	**9796**		**227**	**9766**			
	Oct 2014	600	52	42	568	9.2	21	568	655	1080.85	10081
	Nov 2014	600	52	42	644	10.8	12	644	652	1080.33	10038
	Dec 2014	800	95	37	604	9.8	5	604	668	1083.13	10272
	Jan 2015	800	75	30	641	10.4	7	641	680	1085.34	10458
	Feb 2015	650	78	28	718	12.9	8	718	678	1085.05	10434
	Mar 2015	650	68	31	1049	17.1	14	1049	655	1080.85	10081
	Apr 2015	600	80	38	1132	19.0	19	1132	624	1075.03	9604
	May 2015	650	60	43	1016	16.5	32	1016	601	1070.59	9246
	Jun 2015	800	23	51	938	15.8	30	938	589	1068.28	9063
	Jul 2015	1000	64	63	918	14.9	32	918	592	1068.87	9110
	Aug 2015	1050	116	68	849	13.8	28	849	606	1071.49	9318
	Sep 2015	800	97	56	691	11.6	19	691	614	1073.01	9440
	WY 2015	**9000**	**861**	**529**	**9767**		**228**	**9767**			
	Oct 2015	600	52	41	558	9.1	22	558	616	1073.38	9470
	Nov 2015	600	52	41	587	9.9	13	587	616	1073.51	9481
	Dec 2015	800	95	36	530	8.6	6	530	636	1077.25	9784
	Jan 2016	800	75	30	631	10.3	7	631	649	1079.62	9980
	Feb 2016	650	78	27	693	12.0	9	693	649	1079.61	9979
	Mar 2016	650	68	30	1062	17.3	14	1062	625	1075.16	9614
	Apr 2016	600	80	37	1139	19.1	20	1139	593	1069.12	9130
	May 2016	650	60	41	1028	16.7	33	1028	570	1064.42	8762

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2014 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Jun 2013	948	-16	26	928	0	928	15.6	643.45	1711
H	Jul 2013	865	-24	26	810	0	810	13.2	643.66	1717
I	Aug 2013	808	-16	23	749	0	749	12.2	644.35	1736
S	Sep 2013	599	-11	18	681	0	681	11.4	640.23	1624
	WY 2013	**9043**	**-158**	**198**	**8669**	**0**	**8669**			
T	Oct 2013	733	-13	15	768	0	768	12.5	637.86	1560
O	Nov 2013	513	4	11	531	0	531	8.9	636.95	1537
R	Dec 2013	558	-10	9	470	0	470	7.6	639.57	1606
I	Jan 2014	605	-7	10	552	0	552	9.0	640.94	1643
C	Feb 2014	717	-22	10	658	0	658	11.9	641.96	1670
A	Mar 2014	1090	-12	13	1074	0	1074	17.5	641.61	1661
L	Apr 2014	1134	-21	17	1054	0	1054	17.7	643.13	1702
*	May 2014	1086	-17	22	1023	0	1022	16.6	644.01	1726
	Jun 2014	956	-14	26	944	0	944	15.9	643.00	1699
	Jul 2014	945	-10	25	909	0	909	14.8	643.00	1699
	Aug 2014	774	-11	23	781	0	781	12.7	641.50	1658
	Sep 2014	685	-4	18	756	0	756	12.7	638.00	1564
	WY 2014	**9796**	**-137**	**198**	**9521**	**0**	**9520**			
	Oct 2014	568	-2	15	682	0	682	11.1	633.00	1434
	Nov 2014	644	-13	10	570	0	570	9.6	635.00	1486
	Dec 2014	604	-17	9	480	0	480	7.8	638.71	1583
	Jan 2015	641	-14	10	534	0	534	8.7	641.80	1666
	Feb 2015	718	-10	10	697	0	697	12.6	641.80	1666
	Mar 2015	1049	-15	13	987	0	987	16.0	643.05	1700
	Apr 2015	1132	-17	17	1099	0	1099	18.5	643.00	1699
	May 2015	1016	-13	22	981	0	981	16.0	643.00	1699
	Jun 2015	938	-14	25	926	0	926	15.6	642.00	1671
	Jul 2015	918	-10	25	896	0	896	14.6	641.50	1658
	Aug 2015	849	-11	23	816	0	816	13.3	641.50	1658
	Sep 2015	691	-4	18	762	0	762	12.8	638.00	1564
	WY 2015	**9767**	**-141**	**197**	**9429**	**0**	**9429**			
	Oct 2015	558	-2	15	671	0	671	10.9	633.00	1434
	Nov 2015	587	-13	10	513	0	513	8.6	635.00	1486
	Dec 2015	530	-17	9	407	0	407	6.6	638.71	1583
	Jan 2016	631	-14	10	524	0	524	8.5	641.80	1666
	Feb 2016	693	-10	10	673	0	673	11.7	641.80	1666
	Mar 2016	1062	-15	13	1000	0	1000	16.3	643.05	1700
	Apr 2016	1139	-17	17	1106	0	1106	18.6	643.00	1699
	May 2016	1028	-13	22	993	0	993	16.1	643.00	1699

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2014 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	Jun 2013	928	15	16	688	11.6	104	129	448.45	589	98	1.7
H	Jul 2013	810	27	17	626	10.2	100	80	448.51	590	110	1.8
I	Aug 2013	749	37	17	552	9.0	99	95	449.22	604	109	1.8
S	Sep 2013	681	23	15	486	8.2	91	149	446.96	560	96	1.6
	WY 2013	**8669**	**246**	**141**	**6389**		**780**	**1521**			**1477**	
T	Oct 2013	768	19	12	467	7.6	99	186	447.91	578	70	1.1
O	Nov 2013	531	25	9	314	5.3	77	144	448.37	587	89	1.5
R	Dec 2013	470	7	7	285	4.6	100	138	445.37	531	99	1.6
I	Jan 2014	552	13	6	353	5.7	101	84	446.23	547	131	2.1
C	Feb 2014	658	20	8	450	8.1	48	130	448.13	582	162	2.9
A	Mar 2014	1074	-3	9	809	13.1	90	176	447.05	562	260	4.2
L	Apr 2014	1054	24	11	756	12.7	105	178	448.11	582	241	4.0
*	May 2014	1022	-3	13	694	11.3	110	184	448.48	589	115	1.9
	Jun 2014	944	17	16	694	11.7	105	129	448.70	593	111	1.9
	Jul 2014	909	29	17	713	11.6	108	90	448.50	590	117	1.9
	Aug 2014	781	27	17	601	9.8	108	89	447.50	570	100	1.6
	Sep 2014	756	25	15	540	9.1	105	126	446.81	557	89	1.5
	WY 2014	**9520**	**197**	**139**	**6676**		**1155**	**1654**			**1585**	
	Oct 2014	682	25	12	444	7.2	108	145	446.31	548	55	0.9
	Nov 2014	570	31	8	364	6.1	105	115	446.50	552	103	1.7
	Dec 2014	480	23	6	272	4.4	108	113	446.50	552	108	1.7
	Jan 2015	534	16	6	350	5.7	97	92	446.50	552	125	2.0
	Feb 2015	697	11	8	454	8.2	87	152	446.50	552	156	2.8
	Mar 2015	987	17	9	711	11.6	97	174	446.70	555	201	3.3
	Apr 2015	1099	21	11	801	13.5	94	167	448.70	593	212	3.6
	May 2015	981	21	13	707	11.5	97	173	448.70	593	111	1.8
	Jun 2015	926	17	16	697	11.7	94	122	448.70	593	109	1.8
	Jul 2015	896	29	17	723	11.8	97	87	448.00	580	111	1.8
	Aug 2015	816	27	17	640	10.4	97	86	447.50	571	105	1.7
	Sep 2015	762	25	15	563	9.5	94	120	446.81	557	102	1.7
	WY 2015	**9429**	**263**	**139**	**6725**		**1177**	**1546**			**1498**	
	Oct 2015	671	25	12	464	7.5	97	125	446.31	548	65	1.1
	Nov 2015	513	31	8	382	6.4	23	122	446.50	552	99	1.7
	Dec 2015	407	23	6	287	4.7	24	108	446.50	552	105	1.7
	Jan 2016	524	16	6	348	5.7	90	92	446.50	552	125	2.0
	Feb 2016	673	11	8	437	7.6	80	152	446.50	552	156	2.7
	Mar 2016	1000	17	9	732	11.9	90	174	446.70	555	201	3.3
	Apr 2016	1106	21	11	816	13.7	86	167	448.70	593	212	3.6
	May 2016	993	21	13	726	11.8	90	173	448.70	593	111	1.8

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2014 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Jun 2013	948	15.9	1105.98	12276	-219	460.72	1726.0	388.1	97	409.5
H	Jul 2013	865	14.1	1105.92	12270	-5	460.74	1753.0	348.3	100	402.7
I	Aug 2013	808	13.1	1106.13	12289	19	461.35	1737.0	325.9	100	403.4
S	Sep 2013	599	10.1	1106.92	12362	73	464.61	1737.0	242.5	100	405.1
	WY 2013	**9043**							**3770.1**		
T	Oct 2013	733	11.9	1104.04	12099	-263	460.18	1332.0	300.5	77	410.1
O	Nov 2013	513	8.6	1106.36	12310	212	465.65	1179.0	209.8	68	408.7
R	Dec 2013	558	9.1	1106.73	12344	34	463.77	1188.0	230.3	68	412.8
I	Jan 2014	605	9.8	1108.75	12531	186	465.47	746.0	250.9	43	414.5
C	Feb 2014	717	12.9	1107.94	12456	-75	461.16	1415.0	298.2	81	415.9
A	Mar 2014	1090	17.7	1101.71	11888	-567	457.72	1234.0	451.5	71	414.3
L	Apr 2014	1134	19.1	1094.55	11254	-635	447.66	1146.0	459.8	68	405.6
*	May 2014	1086	17.7	1087.46	10639	-615	440.39	1071.0	431.0	65	397.1
	Jun 2014	956	16.1	1082.84	10248	-391	432.01	1541.0	368.5	93	385.5
	Jul 2014	945	15.4	1080.82	10079	-169	428.34	1594.0	364.7	100	385.8
	Aug 2014	774	12.6	1081.31	10120	41	428.07	1593.0	298.0	100	385.0
	Sep 2014	685	11.5	1080.62	10062	-58	429.59	1589.0	261.9	100	382.1
	WY 2014	**9796**							**3925.2**		
	Oct 2014	568	9.2	1080.85	10081	19	434.04	1211.0	218.3	76	384.1
	Nov 2014	644	10.8	1080.33	10038	-43	436.36	1087.0	251.0	68	389.9
	Dec 2014	604	9.8	1083.13	10272	234	435.75	1080.0	235.6	67	390.4
	Jan 2015	641	10.4	1085.34	10458	186	437.05	931.0	254.4	58	397.1
	Feb 2015	718	12.9	1085.05	10434	-24	436.62	986.0	288.2	61	401.7
	Mar 2015	1049	17.1	1080.85	10081	-353	432.92	1127.0	416.6	71	397.1
	Apr 2015	1132	19.0	1075.03	9604	-477	427.77	1072.0	451.8	69	399.2
	May 2015	1016	16.5	1070.59	9246	-358	421.97	1158.0	389.2	76	383.2
	Jun 2015	938	15.8	1068.28	9063	-183	416.38	1515.0	352.6	100	376.0
	Jul 2015	918	14.9	1068.87	9110	47	416.02	1522.0	342.6	100	373.2
	Aug 2015	849	13.8	1071.49	9318	208	417.77	1538.0	322.2	100	379.5
	Sep 2015	691	11.6	1073.01	9440	122	420.96	1548.0	259.3	100	375.1
	WY 2015	**9767**							**3782.0**		
	Oct 2015	558	9.1	1073.38	9470	30	426.15	1238.0	209.9	80	376.2
	Nov 2015	587	9.9	1073.51	9481	11	429.26	1047.0	226.1	68	385.0
	Dec 2015	530	8.6	1077.25	9784	304	429.44	1044.1	200.5	67	378.2
	Jan 2016	631	10.3	1079.62	9980	195	431.28	903.9	246.9	58	391.4
	Feb 2016	693	12.0	1079.61	9979	-1	431.07	957.8	272.6	61	393.3
	Mar 2016	1062	17.3	1075.16	9614	-365	427.39	1093.5	417.1	71	392.7
	Apr 2016	1139	19.1	1069.12	9130	-484	422.00	1038.7	448.6	69	393.9
	May 2016	1028	16.7	1064.42	8762	-368	415.97	1120.3	388.5	76	378.1

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2172

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2014 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Jun 2013	928	15.6	643.45	1711	-22	141.69	247.4	116.9	97	126.0
H	Jul 2013	810	13.2	643.66	1717	6	141.93	249.9	102.9	98	127.1
I	Aug 2013	749	12.2	644.35	1736	19	143.01	255.0	92.1	100	122.9
S	Sep 2013	681	11.4	640.23	1624	-112	138.83	255.0	89.1	100	130.8
	WY 2013	**8669**							**1092.0**		
T	Oct 2013	768	12.5	637.86	1560	-63	136.18	196.4	94.7	77	123.3
O	Nov 2013	531	8.9	636.95	1537	-24	137.13	158.1	61.5	62	115.9
R	Dec 2013	470	7.6	639.57	1606	69	136.36	173.4	59.4	68	126.5
I	Jan 2014	552	9.0	640.94	1643	37	139.11	163.2	68.9	64	124.9
C	Feb 2014	658	11.9	641.96	1670	28	138.63	173.4	84.5	68	128.3
A	Mar 2014	1074	17.5	641.61	1661	-10	138.63	252.5	134.6	99	125.3
L	Apr 2014	1054	17.7	643.13	1702	42	141.55	255.0	132.2	100	125.4
*	May 2014	1023	16.6	644.01	1726	24	143.52	255.0	127.7	100	124.9
	Jun 2014	944	15.9	643.00	1699	-28	136.55	255.0	118.4	100	125.5
	Jul 2014	909	14.8	643.00	1699	0	136.04	255.0	114.0	100	125.3
	Aug 2014	781	12.7	641.50	1658	-41	135.25	255.0	97.9	100	125.3
	Sep 2014	756	12.7	638.00	1564	-94	132.62	255.0	93.1	100	123.1
	WY 2014	**9521**							**1187.0**		
	Oct 2014	682	11.1	633.00	1434	-130	129.88	196.4	81.7	77	119.8
	Nov 2014	570	9.6	635.00	1486	51	129.62	158.1	67.8	62	119.0
	Dec 2014	480	7.8	638.71	1583	97	132.06	173.4	58.8	68	122.3
	Jan 2015	534	8.7	641.80	1666	83	135.97	163.2	66.7	64	125.0
	Feb 2015	697	12.6	641.80	1666	0	137.17	173.4	87.2	68	125.0
	Mar 2015	987	16.0	643.05	1700	34	135.44	255.0	122.8	100	124.4
	Apr 2015	1099	18.5	643.00	1699	-2	136.07	255.0	136.6	100	124.3
	May 2015	981	16.0	643.00	1699	0	136.04	255.0	122.6	100	125.0
	Jun 2015	926	15.6	642.00	1671	-27	135.51	255.0	115.4	100	124.6
	Jul 2015	896	14.6	641.50	1658	-14	134.73	255.0	111.4	100	124.3
	Aug 2015	816	13.3	641.50	1658	0	134.46	255.0	101.5	100	124.5
	Sep 2015	762	12.8	638.00	1564	-94	132.62	255.0	93.8	100	123.1
	WY 2015	**9429**							**1166.2**		
	Oct 2015	671	10.9	633.00	1434	-130	129.88	196.4	80.5	77	119.9
	Nov 2015	513	8.6	635.00	1486	51	129.62	158.1	61.3	62	119.4
	Dec 2015	407	6.6	638.71	1583	97	132.06	173.4	50.0	68	122.8
	Jan 2016	524	8.5	641.80	1666	83	135.97	163.2	65.5	64	125.1
	Feb 2016	673	11.7	641.80	1666	0	137.17	173.4	84.3	68	125.3
	Mar 2016	1000	16.3	643.05	1700	34	135.44	255.0	124.3	100	124.4
	Apr 2016	1106	18.6	643.00	1699	-2	136.07	255.0	137.4	100	124.2
	May 2016	993	16.1	643.00	1699	0	136.04	255.0	124.0	100	124.9

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2014 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Jun 2013	688	11.6	448.45	589	-6	82.20	117.6	47.4	98	68.9
H	Jul 2013	626	10.2	448.51	590	1	80.88	120.0	43.4	100	69.3
I	Aug 2013	552	9.0	449.22	604	14	82.71	120.0	37.0	100	67.0
S	Sep 2013	486	8.2	446.96	560	-43	80.66	120.0	34.5	100	71.0
	WY 2013	**6389**							**439.1**		
T	Oct 2013	467	7.6	447.91	578	18	83.28	96.0	31.7	80	67.9
O	Nov 2013	314	5.3	448.37	587	9	82.63	92.4	22.1	77	70.5
R	Dec 2013	285	4.6	445.37	531	-56	80.69	91.2	19.0	76	66.8
I	Jan 2014	353	5.7	446.23	547	16	80.02	90.0	24.2	75	68.4
C	Feb 2014	450	8.1	448.13	582	35	82.38	92.4	31.2	77	69.4
A	Mar 2014	809	13.1	447.05	562	-20	77.18	106.8	55.4	89	68.5
L	Apr 2014	756	12.7	448.11	582	20	80.82	120.0	52.3	100	69.1
*	May 2014	694	11.3	448.48	589	7	80.45	106.8	49.2	89	70.8
	Jun 2014	694	11.7	448.70	593	4	75.94	120.0	46.1	100	66.4
	Jul 2014	713	11.6	448.50	590	-4	75.95	120.0	47.4	100	66.4
	Aug 2014	601	9.8	447.50	570	-19	75.37	120.0	39.5	100	65.6
	Sep 2014	540	9.1	446.81	557	-13	74.55	120.0	35.0	100	64.9
	WY 2014	**6676**							**453.0**		
	Oct 2014	444	7.2	446.31	548	-9	74.77	102.0	28.7	85	64.6
	Nov 2014	364	6.1	446.50	552	3	74.62	102.0	23.3	85	63.9
	Dec 2014	272	4.4	446.50	552	0	74.71	102.0	17.0	85	62.7
	Jan 2015	350	5.7	446.50	552	0	74.71	102.0	22.3	85	63.7
	Feb 2015	454	8.2	446.50	552	0	73.92	120.0	29.1	100	64.2
	Mar 2015	711	11.6	446.70	555	4	74.01	120.0	46.2	100	64.9
	Apr 2015	801	13.5	448.70	593	38	75.08	120.0	52.9	100	66.0
	May 2015	707	11.5	448.70	593	0	76.05	120.0	47.0	100	66.5
	Jun 2015	697	11.7	448.70	593	0	76.05	120.0	46.4	100	66.5
	Jul 2015	723	11.8	448.00	580	-13	75.71	120.0	47.9	100	66.3
	Aug 2015	640	10.4	447.50	571	-9	75.13	120.0	42.0	100	65.6
	Sep 2015	563	9.5	446.81	557	-13	74.55	120.0	36.5	100	65.0
	WY 2015	**6725**							**439.3**		
	Oct 2015	464	7.5	446.31	548	-9	74.77	102.0	30.0	85	64.7
	Nov 2015	382	6.4	446.50	552	3	74.62	102.0	24.5	85	64.1
	Dec 2015	287	4.7	446.50	552	0	74.71	102.0	18.1	85	62.9
	Jan 2016	348	5.7	446.50	552	0	74.71	102.0	22.2	85	63.7
	Feb 2016	437	7.6	446.50	552	0	73.92	120.0	28.0	100	64.0
	Mar 2016	732	11.9	446.70	555	4	74.01	120.0	47.6	100	65.0
	Apr 2016	816	13.7	448.70	593	38	75.08	120.0	53.9	100	66.1
	May 2016	726	11.8	448.70	593	0	76.05	120.0	48.3	100	66.5

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2014 24-Month Study

Most Probable Inflow*

Upper Basin Power

	Date	Glen Canyon 1000 MWHR	Flaming Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Reservoir 1000 MWHR	Fontenelle Reservoir 1000 MWHR
*	Jun 2013	344	52	18	26	16	3
H	Jul 2013	361	26	26	35	20	3
I	Aug 2013	338	26	23	31	18	3
S	Sep 2013	253	25	17	24	14	3
	Summer 2013	**1789**	**173**	**108**	**153**	**90**	**19**
T	Oct 2013	202	19	12	16	10	1
O	Nov 2013	231	18	3	0	1	4
R	Dec 2013	253	19	3	0	1	5
I	Jan 2014	337	19	3	0	0	4
C	Feb 2014	247	17	3	4	0	4
A	Mar 2014	207	19	6	8	4	4
	Winter 2014	**1477**	**110**	**30**	**28**	**17**	**22**
L	Apr 2014	206	19	7	13	9	5
*	May 2014	204	20	19	32	17	6
	Jun 2014	238	103	62	107	22	9
	Jul 2014	325	39	40	49	23	10
	Aug 2014	325	39	36	44	22	9
	Sep 2014	245	38	25	31	16	3
	Summer 2014	**1542**	**258**	**188**	**275**	**110**	**42**
	Oct 2014	242	39	12	16	9	8
	Nov 2014	241	38	7	10	6	7
	Dec 2014	319	39	18	23	11	7
	Jan 2015	317	39	18	23	11	6
	Feb 2015	257	35	16	21	10	5
	Mar 2015	255	39	14	18	9	5
	Winter 2015	**1632**	**228**	**85**	**111**	**56**	**39**
	Apr 2015	235	48	10	16	10	4
	May 2015	259	61	59	95	23	5
	Jun 2015	327	76	15	24	17	9
	Jul 2015	413	30	26	34	18	10
	Aug 2015	430	30	28	34	18	9
	Sep 2015	326	29	25	31	16	3
	Summer 2015	**1990**	**274**	**162**	**234**	**101**	**40**
	Oct 2015	242	30	16	20	11	6
	Nov 2015	241	29	12	16	8	6
	Dec 2015	320	30	21	26	14	6
	Jan 2016	318	30	21	27	14	5
	Feb 2016	257	28	15	19	10	4
	Mar 2016	256	30	9	13	7	4
	Winter 2016	**1379**	**148**	**85**	**109**	**56**	**27**
	Apr 2016	237	36	12	19	11	5
	May 2016	262	98	58	101	23	7

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2014 24-Month Study

Most Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions

Date	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Total KAF	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****EFFECTIVE SPACE****										
Jun 2014	722	154	554	13558	14987	16738	31725	374	19	120	513	13558	16738	30808	1500	956	0	31.4
Jul 2014	480	151	503	11231	12365	17129	29494	113	-11	19	121	11231	17129	28481	1500	945	0	31.3
								****CREDITABLE SPACE****										
Aug 2014	385	156	540	11142	12222	17298	29520	385	156	540	1080	11142	17298	29520	1500	774	0	30.9
Sep 2014	413	205	563	11411	12592	17257	29849	413	205	563	1181	11411	17257	29849	2270	685	0	30.5
Oct 2014	463	235	569	11607	12873	17315	30188	463	235	569	1266	11607	17315	30188	3040	568	0	30.2
Nov 2014	510	230	565	11743	13049	17296	30345	510	230	565	1305	11743	17296	30345	3810	644	0	30.0
Dec 2014	556	220	564	11891	13231	17339	30570	556	220	564	1339	11891	17339	30570	4580	604	0	29.9
Jan 2015	622	248	567	12248	13685	17105	30789	622	248	567	1437	12248	17105	30789	5350	641	0	29.7
								****EFFECTIVE SPACE****										
Jan 2015	622	248	567	12248	13685	17105	30789	152	155	393	700	12248	17105	30052	5350	641	0	29.7
Feb 2015	684	278	573	12586	14121	16919	31039	212	186	398	796	12586	16919	30301	1500	718	0	29.4
Mar 2015	732	308	572	12776	14387	16943	31330	258	217	396	871	12776	16943	30590	1500	1049	0	29.0
Apr 2015	742	316	537	12887	14482	17296	31778	264	227	355	846	12887	17296	31029	1500	1132	0	28.8
May 2015	746	281	473	12699	14199	17773	31972	263	189	270	722	12699	17773	31194	1500	1016	0	30.0
Jun 2015	719	320	323	11369	12730	18131	30861	229	217	84	530	11369	18131	30030	1500	938	0	31.3
Jul 2015	620	138	321	10137	11216	18314	29530	117	13	29	159	10137	18314	28611	1500	918	0	31.1
								****CREDITABLE SPACE****										
Aug 2015	521	120	348	10417	11406	18267	29673	521	120	348	989	10417	18267	29673	1500	849	0	30.6
Sep 2015	542	152	373	10993	12059	18059	30118	542	152	373	1066	10993	18059	30118	2270	691	0	30.2
Oct 2015	587	188	381	11369	12525	17937	30461	587	188	381	1156	11369	17937	30461	3040	558	0	29.9
Nov 2015	624	195	380	11489	12689	17907	30596	624	195	380	1199	11489	17907	30596	3810	587	0	29.8
Dec 2015	660	204	387	11622	12872	17896	30768	660	204	387	1250	11622	17896	30768	4580	530	0	29.7
Jan 2016	710	248	398	11959	13315	17593	30908	710	248	398	1356	11959	17593	30908	5350	631	0	29.6
								****EFFECTIVE SPACE****										
Jan 2016	710	248	398	11959	13315	17593	30908	373	167	194	734	11959	17593	30285	5350	631	0	29.6
Feb 2016	755	295	411	12280	13741	17397	31139	416	215	207	838	12280	17397	30515	1500	693	0	29.3
Mar 2016	790	322	414	12470	13996	17398	31395	449	244	208	901	12470	17398	30769	1500	1062	0	29.0
Apr 2016	776	317	368	12541	14002	17763	31765	430	240	156	825	12541	17763	31129	1500	1139	0	28.9
May 2016	748	285	286	12303	13622	18247	31870	396	205	52	652	12303	18247	31202	1500	1028	0	30.1

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2172

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July 24-Month Study
Date: July 11, 2014

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

Reservoir	June Inflow (unregulated) (acre-feet)	Percent of Average (%)	July 10 Midnight Elevation (feet)	Reservoir Storage (acre-feet)
Fontenelle	427,000	143	6499.15	292,000
Flaming Gorge	472,000	121	6028.47	3,290,000
Blue Mesa	361,000	138	7500.23	663,000
Navajo	116,000	52	6044.84	1,166,000
Powell	3,039,000	114	3609.61	12,691,000

Expected Operations

The operation of Lake Powell and Lake Mead in this July 2014 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines), and reflects the 2014 Annual Operating Plan (AOP). Pursuant to the Interim Guidelines, the August 2013 24-Month Study projections of the January 1, 2014, system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2014.

Consistent with Section 6.C.1 of the Interim Guidelines, the Lake Powell operational tier for water year 2014 is the Mid-Elevation Release Tier with an annual release volume of 7.48 maf.

Consistent with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar year 2014.

The Interim Guidelines are available for download at:
http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The 2014 AOP is available for download at:
http://www.usbr.gov/lc/region/g4000/aop/AOP14.pdf.

Fontenelle Reservoir – Inflows to Fontenelle Reservoir for the month of June were 427,000 acre-feet (AF), or 143 percent of average. The reservoir elevation is 6500 feet, 86 percent of live capacity. Inflows are averaging 4,000 cubic feet per second (cfs). Fontenelle releases are currently at 1,750 cfs.

Inflows for the next three months are projected to be above average: with July, August and September forecasted inflow volumes at 250,000 AF (141% of average), 80,000 AF (105% of average), and 59,000 AF (129% of average), respectively.

The next Fontenelle Working Group meeting is scheduled for August 20, 2014, at 10:00 am at the Joint Powers Water Board in Green River, Wyoming. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir.

Flaming Gorge Reservoir – Unregulated inflow into Flaming Gorge Reservoir during the month of June was 427,000 acre-feet (AF), or 121 percent of average. The reservoir elevation is 6,028.5 feet. Observed inflows are averaging 2,000 cubic feet per second (cfs).

Flaming Gorge releases are currently 1,675 cfs average daily release with hourly fluctuations for hydropower. The base flow target is to maintain 2,400 cfs on the Green River measured at Jensen, UT. Releases will be increased through September 30th as the Yampa River decreases this summer to maintain flows of 2,400 cfs.

Inflows for the next three months are projected to be above or close to average: with July, August and September forecasted inflow volumes at 257,000 AF (122% of average), 85,000 AF (96% of average), and 62,000 AF (113% of average), respectively. The July final forecast of the April-July unregulated inflow volume into Flaming Gorge Reservoir is 1,190,000 AF (121% of average). .

The next Flaming Gorge Working Group meeting is scheduled for August 21, 2014, at 11:00 a.m. to be held in the Utah Department of Natural Resources building in Vernal, Utah. The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stake holders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations and plans presented by Reclamation at these meetings. Meeting notes from past Working Group meetings are posted on the Working Group webpage. For more information on this group and these meetings please contact Ed Vidmar at 801-379-1182.

Aspinall Unit Reservoirs – June unregulated inflow into Blue Mesa Reservoir was 361,000 acre-feet or 138 percent of average. Hydrologic conditions in the basin have drier during June. Precipitation during June was only 20 percent of average. The basin snowpack has for the most part has been totally depleted. The current inflow rate into

Blue Mesa Reservoir is about 2,300 cfs while reservoir releases are averaging about 2,200 cfs. Blue Mesa's present elevation is 7500.23 feet, which corresponds to a storage content of about 663,000 acre-feet.

The latest Water Supply Forecast for Water Year 2014 has been issued and the April through July unregulated inflow is forecasted to be at 846,000 acre-feet (125% of average). This is a 4,000 acre-feet decrease from last month's forecast. Based on this runoff forecast and the current elevation of Blue Mesa Reservoir, the reservoir is not expected to fill this year. This year's peak elevation was recorded on June 6th when the reservoir reached elevation 7505.06 feet and a content of 704,000 acre-feet.

Releases from Crystal are currently set at 1,900 cfs. The Gunnison Diversion Tunnel is diverting about 1,000 cfs, which results in a river flow below the diversion tunnel of approximately 900 cfs. These rates will most likely change as conditions warrant, primarily as we respond to changes at the Whitewater gage as flows prescribed in the Aspinall Unit Operations Record of Decision (ROD). The ROD calls for keeping summer base flows at the Whitewater gage at or above 1,500 cfs.

The next meeting of the "Aspinall Unit Working Group" will be held on Thursday, September 4, 2014 starting at 1:00 PM at the Elk Creek Visitor Center at Blue Mesa Reservoir. At this meeting, review of this spring's reservoir operations, and plans for this fall and winter operations will be discussed. These meetings are open forum discussions on the Aspinall Unit reservoir operations with many interested groups participating. Anyone needing further information about these meetings should contact Erik Knight in the Grand Junction Area Office at (970) 248-0629.

Navajo Reservoir – Reclamation has been releasing 350 cfs from Navajo Reservoir since June 23rd, 2014. A shift in the USGS gage at Archuleta, measured by the USGS on July 1st, shows the release to now be 400 cfs. The release was not decreased back to 350 cfs due to forecasted decreasing tributary inflows into the San Juan River. Releases are made for the authorized purposes of the Navajo Unit, and to attempt to maintain a target base flow through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell). The San Juan River Basin Recovery Implementation Program recommends a target base flow of between 500 cfs and 1,000 cfs through the critical habitat area. The target base flow is calculated as the weekly average of gaged flows throughout the critical habitat area.

Navajo was at 6045.8 ft of pool elevation and 1,176,697 acre-ft of storage by the end of June, which was 81% of average for the end of the month. Observed inflow into Navajo was 97,789 af, (modified-unregulated inflow volume of 115,708 af) which was 53% of average for June. Calculated evaporation for the month was 3,745 acre-ft. Navajo released 300 cfs through the end of the month, and then increased to 350 cfs on June 23rd. The USGS made a physical measurement at the Archuleta gage, and updated the gage shift on June 30th, showing the flows to be closer to 400 cfs. Navajo Reservoir recorded 0.04 inches of liquid precipitation (6% of average).

As of June 16th, the release at Navajo (as measured at the USGS at Archuleta gage) is 398 cfs, and the observed inflow is 466 cfs. The reservoir elevation is 6045.64 ft and the content is 1,175,223 acre-ft, or 69% full (49% of Active). The San Juan River at Four Corners USGS gage is at 868 cfs and the Animas River at Farmington USGS gage is at 1,040 cfs. So far, modified unregulated inflow volume into Navajo since April 1 has totaled 415,505 af.

The most probable modified-unregulated inflow forecast for July at Navajo is 10,000 acre-ft (15% of average), for August is 17,000 acre-ft (38% of average), and for September is 23,000 acre-ft (53% of average). The April-July total inflow forecasts are as follows: Min Probable: 420,000 acre-ft (57% of average),Most Probable: 425,000 acre-ft (58% of average), and Max Probable: 445,000 acre-ft (60% of average).

Reclamation and SJRIP agreed to forego a spring peak release for 2014 in the interests of recovering the reservoir and reducing the risk of a shortage. The release will continue to be that which is required to maintain the target base flows downstream.

Glen Canyon Dam / Lake Powell

Current Status
The unregulated inflow volume to Lake Powell in June was 3,039 thousand acre-feet (kaf) (114% of average). The release volume from Glen Canyon Dam in June was 598 kaf. The end of June elevation and storage of Lake Powell were 3,609.2 feet (91 feet from full pool) and 12.65 million acre-feet (maf) (52% of full capacity), respectively. The reservoir elevation is nearing its seasonal peak and will begin decreasing as inflow from spring runoff transitions to baseflows.

Current Operations
The operating tier for water year 2014 is the Mid-Elevation Release Tier with an annual release volume of 7.48 maf, as established in August 2013 and pursuant to the Interim Guidelines, Section 6.C.1. Reclamation will schedule operations at Glen Canyon Dam to achieve as practicably as possible a 7.48 maf annual release by September 30, 2014.

In July, the release volume will be approximately 800 kaf, with fluctuations between about 10,000 cfs in the nighttime to about 18,000 cfs in the daytime and consistent with the Glen Canyon Operating Criteria (Federal Register, Volume 62, No. 41, March 3, 1997). In August, the release volume will likely be approximately 800 kaf with daily fluctuations between about 9,000 cfs and 17,000 cfs. The anticipated release volume for September is about 600 kaf with fluctuations between approximately 7,000 cfs and 13,000 cfs.

In addition to daily scheduled fluctuations for power generation, the instantaneous releases from Glen Canyon Dam may also fluctuate to provide 40 MW of system regulation. These instantaneous release adjustments stabilize the electrical generation and transmission system and translate to a range of about 1,200 cfs above or below the

hourly scheduled release rate. Under system normal conditions, fluctuations for regulation are typically short lived and generally balance out over the hour with minimal or no noticeable impacts on downstream river flow conditions.

Releases from Glen Canyon Dam can also fluctuate beyond scheduled releases when called upon to respond to unscheduled power outages or power system emergencies. Depending on the severity of the system emergency, the response from Glen Canyon Dam can be significant, within the full range of the operating capacity of the power plant for as long as is necessary to maintain balance in the transmission system. Glen Canyon Dam typically maintains 41MW (approximately 1,200 cfs) of generation capacity in reserve in order to respond to a system emergency even when generation rates are already high. System emergencies occur fairly infrequently and typically require small responses from Glen Canyon Dam. However, these responses can have a noticeable impact on the river downstream of Glen Canyon Dam.

Inflow Forecasts and Model Projections

The forecast for the 2014 April to July water supply season for Lake Powell, issued on July 1, 2014, by the Colorado Basin River Forecast Center, projects that the most probable (median) unregulated inflow volume will be 7.09 maf (99% of average based on the period 1981-2010). The April-July most probable forecast decreased by 460 kaf since last month. The seasonal snowpack peaked on April 7, 2014 at 111% of median and now all of the measurable snowpack has now melted.

Based on the current forecast, the July 24-Month study projects Lake Powell elevation will peak near approximately 3,610 feet in July and end the water year near 3,605 feet with approximately 12.25 maf in storage (50% capacity). Note that projections of elevation and storage have uncertainty, primarily due to uncertainty regarding the inflow to Lake Powell. Under the minimum probable inflow scenario, last updated in April, the projected summer peak was 3,599 ft and end of water year storage was 11.0 maf (45% capacity). Under the maximum probable inflow scenario, updated in April, the projected summer peak was 3,632 ft and end of water year storage was 14.9 maf (61% capacity). Under these scenarios, there is a 10 percent chance that inflows will be higher, resulting in higher elevation and storage, and 10 percent chance that inflows will be lower, resulting in lower elevation and storage. The minimum and maximum probable model runs will be updated in August. The annual release volume from Lake Powell during water year 2014 is projected to be 7.48 maf under all inflow scenarios.

Consistent with Section 6.C.1 of the Interim Guidelines, the Lake Powell operational tier for water year 2014 is the Mid-Elevation Release Tier with an annual release volume of 7.48 maf. This was determined in the August 2013 24-Month Study and documented in the 2014 Annual Operating Plan signed by Secretary Jewell in December 2013.

Upper Colorado River Basin Hydrology

The Upper Colorado River Basin regularly experiences significant year to year hydrologic variability. During the 14-year period 2000 to 2013, however, the unregulated inflow to Lake Powell, which is a good measure of hydrologic conditions in

the Colorado River Basin, was above average in only 3 out of the past 14 years. The period 2000-2013 is the lowest 14-year period since the closure of Glen Canyon Dam in 1963, with an average unregulated inflow of 8.25 maf, or 76% of the 30-year average (1981-2010). (For comparison, the 1981-2010 total water year average is 10.83 maf.) The unregulated inflow during the 2000-2013 period has ranged from a low of 2.64 maf (24% of average) in water year 2002 to a high of 15.97 maf (147% of average) in water year 2011. Under the current most probable forecast, total water year 2014 unregulated inflows to Lake Powell is projected to be 10.31 maf (95% of average).

At the beginning of water year 2014, total system storage in the Colorado River Basin was 29.9 maf (50% of 59.6 maf total system capacity). This is about 4 maf less than the total storage at the beginning of water year 2013 which began at 34.0 maf (57% of capacity). Since the beginning of water year 2000, total Colorado Basin storage has experienced year to year increases and decreases in response to wet and dry hydrology, ranging from a high of 94% of capacity at the beginning of 2000 to a low of 50% of capacity at the beginning of water year 2014. One wet year can significantly increase total system reservoir storage, just as persistent dry years can draw down the system storage. Based on current inflow forecasts, the current projected end of water year 2014 total Colorado Basin reservoir storage is approximately 29.8 maf (50% of capacity). The actual end of water year storage may vary from this projection, primarily due to uncertainty regarding inflow to Lake Powell. Based on April minimum and maximum probable inflow forecasts and modeling the range is approximately 28.4 maf (48%) to 33.2 maf (56%), respectively.

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-430
125 SOUTH STATE STREET, ROOM 6107
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-3709

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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:	Obs			jun	Forecast			Outlook	
:	mar	apr	may	jun	%Avg	jul	aug	sep	apr-jul	%Avg
GLDA3:Lake Powell	509	964	2082	3039	114%:	1000/	450/	350/	7090/:	99%
GBRW4:Fontenelle	56	101	272	427	143%:	250/	80/	59/	1050/:	145%
GRNU1:Flaming Gorge	86	128	333	472	121%:	257/	85/	62/	1190/:	121%
BMDC2:Blue Mesa	32	129	242	361	138%:	114/	58/	40/	846/:	125%
MPSC2:Morrow Point	33	143	268	379	135%:	119/	61/	43/	909/:	123%
CLSC2:Crystal	39	154	297	414	131%:	133/	68/	49/	998/:	120%
TPIC2:Taylor Park	4.5	11.9	30	48	115%:	17/	9/	7/	107/:	108%
VCRC2:Vallecito	7.4	28	59	47	67%:	15/	13/	12/	149/:	77%
NVRN5:Navajo	52	123	176	116	52%:	10/	17/	23/	425/:	58%
LEMC2:Lemon	1.41	7.5	17.1	9.1	44%:	2.3/	2.5/	2.5/	36/:	65%
MPHC2:McPhee	8.0	43	77	43	58%:	9.5/	8/	7.5/	174/:	59%
RBSC2:Ridgway	4.9	11.2	23	42	107%:	16/	10/	7.5/	94/:	93%

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2014 24-Month Study

Most Probable Inflow*

Fontenelle Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jul 2013	67	2	48	0	48	6492.28	243
H	Aug 2013	32	2	43	0	43	6490.28	229
I	Sep 2013	47	2	42	0	42	6490.87	233
	WY 2013	**575**	**14**	**534**	**57**	**591**		
S	Oct 2013	53	1	19	24	43	6492.11	241
T	Nov 2013	41	1	51	4	55	6489.91	226
O	Dec 2013	30	1	61	0	61	6485.02	195
R	Jan 2014	29	1	61	0	61	6479.35	163
I	Feb 2014	29	0	55	0	55	6474.06	136
C	Mar 2014	56	0	71	0	71	6470.70	121
A	Apr 2014	101	1	83	1	84	6474.33	138
L	May 2014	272	1	96	126	222	6483.58	186
*	Jun 2014	427	2	104	254	364	6492.90	247
	Jul 2014	250	3	104	45	149	6506.06	346
	Aug 2014	80	2	90	0	90	6504.49	334
	Sep 2014	59	2	36	43	79	6501.66	312
	WY 2014	**1427**	**15**	**830**	**498**	**1334**		
	Oct 2014	60	1	82	0	82	6498.62	289
	Nov 2014	52	1	79	0	79	6494.77	261
	Dec 2014	41	1	82	0	82	6488.61	219
	Jan 2015	38	1	82	0	82	6481.44	175
	Feb 2015	35	1	74	0	74	6473.69	135
	Mar 2015	53	0	82	0	82	6466.86	106
	Apr 2015	80	1	65	0	65	6470.26	120
	May 2015	160	1	68	0	68	6487.41	211
	Jun 2015	280	2	104	90	193	6499.55	295
	Jul 2015	180	3	101	30	131	6505.56	342
	Aug 2015	69	2	92	0	92	6502.31	317
	Sep 2015	42	2	37	30	67	6498.83	290
	WY 2015	**1090**	**15**	**947**	**149**	**1096**		
	Oct 2015	46	1	69	0	69	6495.51	266
	Nov 2015	41	1	67	0	67	6491.73	240
	Dec 2015	32	1	69	0	69	6485.98	202
	Jan 2016	30	1	69	0	69	6479.28	163
	Feb 2016	28	0	62	0	62	6472.02	128
	Mar 2016	53	0	69	0	69	6468.09	111
	Apr 2016	85	1	77	0	77	6469.98	119
	May 2016	164	1	99	5	104	6481.96	178
	Jun 2016	299	2	103	71	173	6500.33	301

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2174

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2014 24-Month Study

Most Probable Inflow*

Flaming Gorge Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	Jul 2013	66	47	12	68	0	68	116	6016.99	2875	99
H	Aug 2013	22	33	11	68	0	68	114	6015.71	2831	87
I	Sep 2013	67	62	10	66	0	66	113	6015.33	2818	95
	WY 2013	**657**	**673**	**73**	**818**	**3**	**821**				**1744**
S	Oct 2013	68	58	6	51	0	51	113	6015.35	2819	108
T	Nov 2013	41	55	3	48	0	48	114	6015.47	2823	96
O	Dec 2013	32	62	2	49	0	49	114	6015.79	2834	403
R	Jan 2014	33	65	2	49	0	49	115	6016.19	2847	405
I	Feb 2014	46	71	2	45	0	45	116	6016.89	2871	99
C	Mar 2014	86	100	3	49	1	50	117	6018.21	2917	123
A	Apr 2014	128	111	5	50	0	50	120	6019.75	2971	306
L	May 2014	333	283	8	53	0	53	128	6025.67	3185	594
*	Jun 2014	472	409	10	208	85	293	132	6028.39	3287	775
	Jul 2014	257	156	14	103	0	103	134	6029.38	3325	103
	Aug 2014	85	95	13	103	0	103	133	6028.87	3306	103
	Sep 2014	62	82	11	100	0	100	132	6028.14	3278	100
	WY 2014	**1643**	**1550**	**78**	**907**	**86**	**993**				**3215**
	Oct 2014	66	88	7	103	0	103	131	6027.57	3256	103
	Nov 2014	60	87	3	100	0	100	130	6027.16	3241	100
	Dec 2014	42	83	2	103	0	103	130	6026.60	3220	103
	Jan 2015	46	90	2	103	0	103	129	6026.22	3205	103
	Feb 2015	50	89	2	93	0	93	129	6026.06	3199	93
	Mar 2015	100	129	3	103	0	103	130	6026.64	3221	103
	Apr 2015	132	117	5	100	0	100	130	6026.97	3234	100
	May 2015	200	108	8	142	0	142	129	6025.90	3194	142
	Jun 2015	320	233	10	154	0	154	131	6027.68	3260	154
	Jul 2015	200	151	13	92	0	92	133	6028.83	3304	92
	Aug 2015	77	100	13	92	0	92	133	6028.73	3300	92
	Sep 2015	47	72	11	89	0	89	132	6028.01	3273	89
	WY 2015	**1340**	**1346**	**79**	**1272**	**0**	**1272**				**1272**
	Oct 2015	53	76	7	92	0	92	131	6027.44	3251	92
	Nov 2015	49	74	3	89	0	89	130	6026.99	3234	89
	Dec 2015	35	72	2	92	0	92	129	6026.43	3213	92
	Jan 2016	40	79	2	92	0	92	129	6026.06	3200	92
	Feb 2016	45	79	2	86	0	86	128	6025.83	3191	86
	Mar 2016	102	119	3	92	0	92	129	6026.45	3214	92
	Apr 2016	134	125	5	107	0	107	130	6026.80	3227	107
	May 2016	245	185	8	190	0	190	129	6026.47	3215	190
	Jun 2016	390	264	10	107	0	107	135	6030.17	3356	107

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2014 24-Month Study

Most Probable Inflow*

Taylor Park Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jul 2013	9	15	9316.95	81
H	Aug 2013	7	15	9312.37	74
I	Sep 2013	8	12	9309.95	70
	WY 2013	**97**	**83**		
S	Oct 2013	7	6	9310.82	71
T	Nov 2013	5	5	9310.99	71
O	Dec 2013	5	5	9310.93	71
R	Jan 2014	5	5	9310.93	71
I	Feb 2014	4	4	9311.08	72
C	Mar 2014	5	5	9310.72	71
A	Apr 2014	12	13	9310.23	70
L	May 2014	30	26	9312.59	74
*	Jun 2014	48	27	9324.29	95
	Jul 2014	17	20	9322.71	92
	Aug 2014	9	18	9317.78	83
	Sep 2014	7	14	9313.71	76
	WY 2014	**153**	**147**		
	Oct 2014	7	8	9313.11	75
	Nov 2014	6	6	9313.11	75
	Dec 2014	5	6	9312.51	74
	Jan 2015	4	6	9311.28	72
	Feb 2015	4	6	9310.04	70
	Mar 2015	4	6	9308.77	68
	Apr 2015	7	6	9309.40	69
	May 2015	26	16	9315.48	79
	Jun 2015	40	20	9326.36	99
	Jul 2015	15	22	9322.71	92
	Aug 2015	9	18	9317.78	83
	Sep 2015	7	14	9313.71	76
	WY 2015	**134**	**134**		
	Oct 2015	6	10	9311.55	72
	Nov 2015	5	6	9310.95	71
	Dec 2015	5	6	9310.12	70
	Jan 2016	4	6	9309.08	68
	Feb 2016	4	6	9307.66	66
	Mar 2016	4	6	9306.64	65
	Apr 2016	9	6	9308.44	67
	May 2016	28	16	9315.93	80
	Jun 2016	42	22	9326.61	99

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2014 24-Month Study

Most Probable Inflow*

Blue Mesa Reservoir

	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jul 2013	44	51	1	98	0	98	7463.20	391
H	Aug 2013	46	54	1	89	0	89	7457.29	355
I	Sep 2013	57	61	1	66	0	66	7456.24	348
	WY 2013	**561**	**547**	**6**	**517**	**0**	**532**		
S	Oct 2013	48	47	0	46	0	46	7456.34	349
T	Nov 2013	33	33	0	14	0	14	7459.38	367
O	Dec 2013	25	25	0	11	0	11	7461.56	381
R	Jan 2014	22	22	0	14	0	14	7462.81	389
I	Feb 2014	23	22	0	13	0	13	7464.31	398
C	Mar 2014	32	33	0	23	0	23	7465.76	408
A	Apr 2014	129	130	1	28	0	28	7480.43	509
L	May 2014	242	240	1	69	3	72	7501.73	676
*	Jun 2014	361	338	1	185	142	353	7499.76	659
	Jul 2014	114	117	1	116	0	116	7499.71	659
	Aug 2014	58	67	1	112	0	112	7494.00	613
	Sep 2014	40	47	1	77	0	77	7490.07	582
	WY 2014	**1128**	**1122**	**8**	**709**	**145**	**880**		
	Oct 2014	45	46	1	56	0	56	7488.72	571
	Nov 2014	36	36	0	56	0	56	7486.08	551
	Dec 2014	32	33	0	30	0	30	7486.45	554
	Jan 2015	28	30	0	60	0	60	7482.43	524
	Feb 2015	24	26	0	55	0	55	7478.43	495
	Mar 2015	36	38	0	47	0	47	7477.12	485
	Apr 2015	72	71	1	35	0	35	7481.98	521
	May 2015	215	205	1	120	0	120	7492.96	605
	Jun 2015	250	230	1	48	0	48	7514.47	785
	Jul 2015	98	105	2	86	0	86	7516.40	802
	Aug 2015	53	62	1	125	0	125	7509.13	738
	Sep 2015	41	48	1	122	0	122	7500.24	663
	WY 2015	**930**	**930**	**9**	**840**	**0**	**840**		
	Oct 2015	40	44	1	56	0	56	7498.68	651
	Nov 2015	32	33	0	56	0	56	7495.80	627
	Dec 2015	26	27	0	73	0	73	7490.00	581
	Jan 2016	24	26	0	73	0	73	7483.81	534
	Feb 2016	22	25	0	51	0	51	7480.21	508
	Mar 2016	36	38	0	32	0	32	7480.91	513
	Apr 2016	77	74	1	42	0	42	7485.16	544
	May 2016	221	209	1	118	0	118	7496.65	634
	Jun 2016	261	241	1	76	0	76	7515.90	798

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2014 24-Month Study

Most Probable Inflow*

Morrow Point Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jul 2013	45	98	0	98	99	0	99	7153.53	112
H	Aug 2013	46	89	0	90	89	0	89	7154.91	113
I	Sep 2013	58	66	2	68	69	0	69	7154.20	112
	WY 2013	**595**	**532**	**35**	**567**	**563**	**0**	**563**		
S	Oct 2013	50	46	2	48	47	1	50	7152.26	111
T	Nov 2013	34	14	1	15	0	0	15	7152.65	111
O	Dec 2013	26	11	1	12	0	0	16	7147.65	107
R	Jan 2014	24	14	2	16	0	0	16	7148.51	108
I	Feb 2014	24	13	2	14	12	0	14	7148.21	108
C	Mar 2014	33	23	1	24	25	0	25	7146.76	107
A	Apr 2014	143	28	13	41	42	0	42	7146.13	106
L	May 2014	268	72	26	98	93	0	93	7152.55	111
*	Jun 2014	379	353	18	372	295	0	382	7138.91	101
	Jul 2014	119	116	5	121	110	0	110	7153.73	112
	Aug 2014	61	112	3	115	115	0	115	7153.73	112
	Sep 2014	43	77	3	80	80	0	80	7153.73	112
	WY 2014	**1204**	**880**	**77**	**957**	**818**	**1**	**957**		
	Oct 2014	48	56	3	59	59	0	59	7153.73	112
	Nov 2014	38	56	2	58	58	0	58	7153.73	112
	Dec 2014	34	30	2	32	32	0	32	7153.73	112
	Jan 2015	30	60	2	62	62	0	62	7153.73	112
	Feb 2015	25	55	1	56	56	0	56	7153.73	112
	Mar 2015	39	47	3	50	50	0	50	7153.73	112
	Apr 2015	83	35	11	46	46	0	46	7153.73	112
	May 2015	235	120	20	140	140	0	140	7153.73	112
	Jun 2015	270	48	20	68	68	0	68	7153.73	112
	Jul 2015	104	86	6	92	92	0	92	7153.73	112
	Aug 2015	56	125	3	128	128	0	128	7153.73	112
	Sep 2015	43	122	2	124	124	0	124	7153.73	112
	WY 2015	**1005**	**840**	**75**	**915**	**915**	**0**	**915**		
	Oct 2015	42	56	2	58	58	0	58	7153.73	112
	Nov 2015	34	56	2	58	58	0	58	7153.73	112
	Dec 2015	28	73	2	75	75	0	75	7153.73	112
	Jan 2016	27	73	2	75	75	0	75	7153.73	112
	Feb 2016	25	51	3	54	54	0	54	7153.73	112
	Mar 2016	40	32	4	36	36	0	36	7153.73	112
	Apr 2016	88	42	11	53	53	0	53	7153.73	112
	May 2016	247	118	26	144	144	0	144	7153.73	112
	Jun 2016	281	76	20	96	96	0	96	7153.73	112

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2014 24-Month Study

Most Probable Inflow*

Crystal Reservoir

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
*	Jul 2013	49	99	4	103	101	1	102	6748.24	16	67	41
H	Aug 2013	50	89	3	92	92	1	93	6745.72	15	62	36
I	Sep 2013	63	69	5	74	73	0	73	6746.17	15	48	29
	WY 2013	**661**	**563**	**65**	**628**	**614**	**14**	**627**			**363**	**291**
S	Oct 2013	55	50	5	54	56	0	56	6741.56	14	36	22
T	Nov 2013	40	15	6	21	15	4	19	6748.85	16	0	20
O	Dec 2013	30	16	4	20	20	0	20	6749.68	16	0	21
R	Jan 2014	27	16	3	19	6	14	20	6746.01	15	1	20
I	Feb 2014	29	14	5	19	3	17	20	6743.52	14	1	20
C	Mar 2014	39	25	6	31	30	0	31	6744.65	15	1	30
A	Apr 2014	154	42	11	53	53	0	53	6743.26	14	28	27
L	May 2014	297	93	29	122	88	22	118	6758.88	19	52	69
*	Jun 2014	414	382	35	417	108	126	419	6751.56	17	61	379
	Jul 2014	133	110	14	124	123	0	123	6753.04	17	65	58
	Aug 2014	68	115	7	122	122	0	122	6753.04	17	65	57
	Sep 2014	49	80	6	86	86	0	86	6753.04	17	55	31
	WY 2014	**1336**	**957**	**132**	**1088**	**710**	**182**	**1086**			**364**	**754**
	Oct 2014	53	59	5	64	64	0	64	6753.04	17	30	34
	Nov 2014	43	58	5	63	63	0	63	6753.04	17	0	63
	Dec 2014	38	32	4	36	36	0	36	6753.04	17	0	36
	Jan 2015	33	62	3	65	65	0	65	6753.04	17	0	65
	Feb 2015	28	56	3	59	59	0	59	6753.04	17	0	59
	Mar 2015	44	50	5	55	55	0	55	6753.04	17	5	50
	Apr 2015	97	46	14	60	60	0	60	6753.04	17	30	30
	May 2015	270	140	35	175	134	41	175	6753.04	17	55	120
	Jun 2015	300	68	30	98	98	0	98	6753.04	17	60	38
	Jul 2015	114	92	10	102	102	0	102	6753.04	17	65	37
	Aug 2015	62	128	6	134	134	0	134	6753.04	17	65	69
	Sep 2015	48	124	5	129	129	0	129	6753.04	17	55	74
	WY 2015	**1130**	**915**	**125**	**1040**	**999**	**41**	**1040**			**365**	**675**
	Oct 2015	48	58	5	63	63	0	63	6753.04	17	30	33
	Nov 2015	38	58	4	62	62	0	62	6753.04	17	0	62
	Dec 2015	32	75	5	79	79	0	79	6753.04	17	0	79
	Jan 2016	31	75	5	80	80	0	80	6753.04	17	0	80
	Feb 2016	29	54	4	57	57	0	57	6753.04	17	0	57
	Mar 2016	46	36	6	42	42	0	42	6753.04	17	5	37
	Apr 2016	101	53	12	66	66	0	66	6753.04	17	30	36
	May 2016	281	144	34	178	134	44	178	6753.04	17	55	123
	Jun 2016	315	96	34	130	130	0	130	6753.04	17	60	70

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2014 24-Month Study

Most Probable Inflow*

Vallecito Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jul 2013	8	32	7626.95	40
H	Aug 2013	13	26	7617.79	26
I	Sep 2013	45	7	7639.82	64
	WY 2013	**169**	**138**		
S	Oct 2013	18	2	7646.84	80
T	Nov 2013	10	2	7650.16	87
O	Dec 2013	7	2	7652.32	93
R	Jan 2014	6	2	7653.61	96
I	Feb 2014	5	2	7654.41	98
C	Mar 2014	7	11	7653.05	94
A	Apr 2014	28	16	7657.59	106
L	May 2014	59	43	7663.60	122
*	Jun 2014	47	50	7662.12	118
	Jul 2014	15	41	7651.54	91
	Aug 2014	13	38	7640.55	65
	Sep 2014	12	30	7631.55	48
	WY 2014	**226**	**239**		
	Oct 2014	11	17	7627.94	41
	Nov 2014	7	1	7631.04	47
	Dec 2014	6	2	7633.42	51
	Jan 2015	5	2	7635.18	54
	Feb 2015	4	1	7636.46	57
	Mar 2015	6	2	7638.56	61
	Apr 2015	20	1	7646.83	79
	May 2015	70	31	7662.27	118
	Jun 2015	65	58	7664.75	125
	Jul 2015	27	42	7659.04	110
	Aug 2015	19	38	7651.38	90
	Sep 2015	15	30	7645.03	75
	WY 2015	**255**	**224**		
	Oct 2015	14	17	7643.60	72
	Nov 2015	8	1	7646.58	79
	Dec 2015	6	2	7648.59	84
	Jan 2016	5	2	7650.18	87
	Feb 2016	5	1	7651.50	91
	Mar 2016	9	2	7654.28	97
	Apr 2016	23	1	7662.60	119
	May 2016	71	65	7664.94	125
	Jun 2016	70	70	7664.84	125

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2014 24-Month Study

Most Probable Inflow*

Navajo Reservoir

	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azetea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Farmington Flow (1000 Ac-Ft)
*	Jul 2013	2	1	25	3	40	51	6017.54	889	53
H	Aug 2013	43	3	53	3	34	41	6014.89	865	54
I	Sep 2013	151	5	110	2	15	25	6022.28	933	90
	WY 2013	**543**	**42**	**472**	**20**	**205**	**349**			**604**
S	Oct 2013	57	3	38	1	4	15	6024.13	951	45
T	Nov 2013	35	1	26	1	0	16	6025.11	960	43
O	Dec 2013	26	0	21	0	0	16	6025.59	965	39
R	Jan 2014	19	0	16	0	0	17	6025.41	963	36
I	Feb 2014	23	0	21	1	0	18	6025.70	966	35
C	Mar 2014	52	2	53	1	4	18	6028.76	996	41
A	Apr 2014	123	14	98	2	21	18	6034.32	1053	64
L	May 2014	176	20	141	3	31	17	6042.68	1142	115
*	Jun 2014	116	19	98	4	39	20	6045.77	1177	148
	Jul 2014	10	1	35	4	54	24	6041.47	1129	24
	Aug 2014	17	0	42	3	46	23	6038.63	1098	23
	Sep 2014	23	0	40	2	26	21	6037.84	1090	21
	WY 2014	**679**	**61**	**629**	**23**	**226**	**223**			**635**
	Oct 2014	29	1	34	1	9	22	6038.04	1092	22
	Nov 2014	30	0	24	1	0	21	6038.28	1094	21
	Dec 2014	20	0	16	1	0	22	6037.65	1088	22
	Jan 2015	19	0	16	1	0	22	6037.02	1081	22
	Feb 2015	23	0	20	1	0	19	6037.03	1081	19
	Mar 2015	65	1	59	1	5	22	6039.96	1112	22
	Apr 2015	135	13	104	2	19	21	6045.52	1174	21
	May 2015	270	38	193	3	33	30	6056.23	1301	30
	Jun 2015	190	33	150	4	48	107	6055.45	1291	107
	Jul 2015	45	7	52	4	52	22	6053.34	1265	22
	Aug 2015	35	1	52	3	44	22	6051.96	1249	22
	Sep 2015	34	1	48	3	24	21	6051.96	1249	21
	WY 2015	**895**	**96**	**768**	**25**	**235**	**348**			**348**
	Oct 2015	40	2	42	2	9	22	6052.77	1259	22
	Nov 2015	31	1	24	1	0	21	6052.92	1260	21
	Dec 2015	25	0	20	1	0	22	6052.74	1258	22
	Jan 2016	22	0	18	1	0	22	6052.39	1254	22
	Feb 2016	30	0	27	1	0	20	6052.87	1260	20
	Mar 2016	92	2	83	2	5	24	6057.15	1312	24
	Apr 2016	170	15	133	2	20	27	6063.73	1396	27
	May 2016	277	41	229	4	33	200	6063.11	1388	200
	Jun 2016	224	33	190	4	49	213	6057.10	1311	213

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2014 24-Month Study

Most Probable Inflow*

Lake Powell

	Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry Gage (1000 Ac-Ft)
*	Jul 2013	143	298	49	848	0	848	3594.17	4950	11202	862
H	Aug 2013	273	401	47	801	0	801	3589.64	4917	10788	815
I	Sep 2013	857	802	44	600	0	600	3591.25	4928	10934	607
	WY 2013	**5117**	**5358**	**361**	**8154**	**78**	**8232**				**8264**
S	Oct 2013	549	475	30	481	0	481	3590.88	4926	10900	483
T	Nov 2013	476	435	29	553	143	696	3587.90	4904	10631	695
O	Dec 2013	295	291	23	601	0	601	3584.43	4880	10324	595
R	Jan 2014	270	271	7	800	0	800	3578.69	4840	9828	811
I	Feb 2014	330	321	7	599	0	599	3575.55	4819	9563	604
C	Mar 2014	509	444	12	504	0	504	3574.76	4813	9497	510
A	Apr 2014	964	774	19	502	0	502	3577.56	4832	9732	512
L	May 2014	2082	1632	24	493	0	493	3589.38	4915	10764	498
*	Jun 2014	3039	2676	42	598	0	598	3609.19	5066	12649	607
	Jul 2014	1000	907	54	800	0	800	3609.68	5070	12698	817
	Aug 2014	450	574	53	800	0	800	3607.09	5049	12440	819
	Sep 2014	350	448	48	606	0	606	3605.16	5034	12250	618
	WY 2014	**10315**	**9249**	**348**	**7337**	**143**	**7480**				**7569**
	Oct 2014	450	501	33	600	0	600	3603.91	5024	12127	609
	Nov 2014	450	501	32	600	0	600	3602.66	5014	12006	610
	Dec 2014	350	411	25	800	0	800	3598.65	4983	11622	808
	Jan 2015	350	442	8	800	0	800	3595.04	4956	11283	811
	Feb 2015	380	451	8	650	0	650	3592.96	4941	11091	657
	Mar 2015	570	547	14	650	0	650	3591.79	4932	10983	656
	Apr 2015	950	798	22	600	0	600	3593.57	4945	11147	609
	May 2015	2300	1978	27	650	0	650	3606.19	5042	12351	658
	Jun 2015	2500	2130	45	800	0	800	3617.89	5137	13541	808
	Jul 2015	850	766	56	1000	0	1000	3615.30	5115	13272	1017
	Aug 2015	400	519	55	1050	0	1050	3609.99	5072	12729	1069
	Sep 2015	350	485	49	800	0	800	3606.60	5045	12391	813
	WY 2015	**9900**	**9527**	**374**	**9000**	**0**	**9000**				**9124**
	Oct 2015	464	509	34	600	0	600	3605.44	5036	12276	609
	Nov 2015	450	505	32	600	0	600	3604.23	5026	12159	610
	Dec 2015	363	463	25	800	0	800	3600.76	5000	11823	808
	Jan 2016	361	461	8	800	0	800	3597.38	4974	11502	811
	Feb 2016	393	453	8	650	0	650	3595.35	4959	11312	657
	Mar 2016	665	590	14	650	0	650	3594.61	4953	11243	656
	Apr 2016	1056	885	22	600	0	600	3597.22	4973	11487	609
	May 2016	2343	2183	28	650	0	650	3611.48	5084	12880	658
	Jun 2016	2666	2270	47	800	0	800	3624.06	5190	14198	808

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2014 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Glen Release (1000 Ac-Ft)	Side Inflow Glen to Hoover (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Jul 2013	848	113	73	865	14.1	28	858	798	1105.92	12270
H	Aug 2013	801	132	78	808	13.1	27	791	799	1106.13	12289
I	Sep 2013	600	155	64	599	10.1	16	590	804	1106.92	12362
	WY 2013	**8232**	**824**	**612**	**9043**		**224**	**8927**			
S	Oct 2013	481	38	47	733	11.9	19	718	786	1104.04	12099
T	Nov 2013	696	101	47	513	8.6	12	510	800	1106.36	12310
O	Dec 2013	601	43	40	558	9.1	9	556	802	1106.73	12344
R	Jan 2014	800	45	33	605	9.8	8	604	815	1108.75	12531
I	Feb 2014	599	76	31	717	12.9	8	716	810	1107.94	12456
C	Mar 2014	504	29	34	1090	17.7	13	1087	773	1101.71	11888
A	Apr 2014	502	17	41	1134	19.1	20	1130	731	1094.55	11254
L	May 2014	493	13	46	1086	17.7	30	1084	692	1087.46	10639
*	Jun 2014	598	11	54	959	16.1	29	959	665	1082.66	10233
	Jul 2014	800	64	67	968	15.7	32	968	653	1080.37	10042
	Aug 2014	800	116	71	809	13.2	28	809	653	1080.47	10050
	Sep 2014	606	97	58	652	11.0	19	652	652	1080.17	10025
	WY 2014	**7480**	**649**	**567**	**9825**		**226**	**9793**			
	Oct 2014	600	52	42	571	9.3	21	571	653	1080.36	10041
	Nov 2014	600	52	42	655	11.0	12	655	649	1079.72	9988
	Dec 2014	800	95	37	614	10.0	6	614	664	1082.42	10212
	Jan 2015	800	75	30	641	10.4	7	641	676	1084.63	10398
	Feb 2015	650	78	28	718	12.9	8	718	674	1084.35	10374
	Mar 2015	650	68	31	1049	17.1	14	1049	651	1080.13	10022
	Apr 2015	600	80	38	1132	19.0	19	1132	620	1074.30	9544
	May 2015	650	60	42	1016	16.5	32	1016	597	1069.84	9187
	Jun 2015	800	23	51	938	15.8	30	938	585	1067.52	9004
	Jul 2015	1000	64	63	918	14.9	32	918	588	1068.13	9051
	Aug 2015	1050	116	67	849	13.8	28	849	602	1070.75	9259
	Sep 2015	800	97	56	691	11.6	19	691	610	1072.28	9382
	WY 2015	**9000**	**861**	**527**	**9790**		**228**	**9790**			
	Oct 2015	600	52	41	558	9.1	22	558	612	1072.65	9412
	Nov 2015	600	52	41	587	9.9	13	587	612	1072.79	9422
	Dec 2015	800	95	36	530	8.6	6	530	632	1076.54	9726
	Jan 2016	800	75	30	631	10.3	7	631	645	1078.92	9921
	Feb 2016	650	78	27	693	12.0	9	693	645	1078.91	9921
	Mar 2016	650	68	30	1062	17.3	14	1062	621	1074.44	9556
	Apr 2016	600	80	37	1139	19.1	20	1139	590	1068.39	9072
	May 2016	650	60	41	1028	16.7	33	1028	566	1063.67	8704
	Jun 2016	800	23	49	942	15.8	30	942	554	1061.25	8518

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2014 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Jul 2013	865	-24	26	810	0	810	13.2	643.66	1717
H	Aug 2013	808	-16	23	749	0	749	12.2	644.35	1736
I	Sep 2013	599	-11	18	681	0	681	11.4	640.23	1624
	WY 2013	**9043**	**-158**	**198**	**8669**	**0**	**8669**			
S	Oct 2013	733	-13	15	768	0	768	12.5	637.86	1560
T	Nov 2013	513	4	11	531	0	531	8.9	636.95	1537
O	Dec 2013	558	-10	9	470	0	470	7.6	639.57	1606
R	Jan 2014	605	-7	10	552	0	552	9.0	640.94	1643
I	Feb 2014	717	-22	10	658	0	658	11.9	641.96	1670
C	Mar 2014	1090	-12	13	1074	0	1074	17.5	641.61	1661
A	Apr 2014	1134	-21	17	1054	0	1054	17.7	643.13	1702
L	May 2014	1086	-17	22	1023	0	1022	16.6	644.01	1726
*	Jun 2014	959	-19	25	947	0	947	15.9	642.83	1694
	Jul 2014	968	-10	25	928	0	928	15.1	643.00	1699
	Aug 2014	809	-11	23	789	0	789	12.8	642.50	1685
	Sep 2014	652	-4	18	750	0	750	12.6	638.00	1564
	WY 2014	**9825**	**-142**	**198**	**9544**	**0**	**9543**			
	Oct 2014	571	-2	15	685	0	685	11.1	633.00	1434
	Nov 2014	655	-13	10	580	0	580	9.8	635.00	1486
	Dec 2014	614	-17	9	491	0	491	8.0	638.71	1583
	Jan 2015	641	-14	10	534	0	534	8.7	641.80	1666
	Feb 2015	718	-10	10	697	0	697	12.6	641.80	1666
	Mar 2015	1049	-15	13	987	0	987	16.0	643.05	1700
	Apr 2015	1132	-17	17	1099	0	1099	18.5	643.00	1699
	May 2015	1016	-13	22	981	0	981	16.0	643.00	1699
	Jun 2015	938	-14	25	926	0	926	15.6	642.00	1671
	Jul 2015	918	-10	25	896	0	896	14.6	641.50	1658
	Aug 2015	849	-11	23	816	0	816	13.3	641.50	1658
	Sep 2015	691	-4	18	762	0	762	12.8	638.00	1564
	WY 2015	**9790**	**-141**	**197**	**9452**	**0**	**9452**			
	Oct 2015	558	-2	15	671	0	671	10.9	633.00	1434
	Nov 2015	587	-13	10	513	0	513	8.6	635.00	1486
	Dec 2015	530	-17	9	407	0	407	6.6	638.71	1583
	Jan 2016	631	-14	10	524	0	524	8.5	641.80	1666
	Feb 2016	693	-10	10	673	0	673	11.7	641.80	1666
	Mar 2016	1062	-15	13	1000	0	1000	16.3	643.05	1700
	Apr 2016	1139	-17	17	1106	0	1106	18.6	643.00	1699
	May 2016	1028	-13	22	993	0	993	16.1	643.00	1699
	Jun 2016	942	-14	25	930	0	930	15.6	642.00	1671

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2014 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	Jul 2013	810	27	17	626	10.2	100	80	448.51	590	110	1.8
H	Aug 2013	749	37	17	552	9.0	99	95	449.22	604	109	1.8
I	Sep 2013	681	23	15	486	8.2	91	149	446.96	560	96	1.6
	WY 2013	**8669**	**246**	**141**	**6389**		**780**	**1521**			**1477**	
S	Oct 2013	768	19	12	467	7.6	99	186	447.91	578	70	1.1
T	Nov 2013	531	25	9	314	5.3	77	144	448.37	587	89	1.5
O	Dec 2013	470	7	7	285	4.6	100	138	445.37	531	99	1.6
R	Jan 2014	552	13	6	353	5.7	101	84	446.23	547	131	2.1
I	Feb 2014	658	20	8	450	8.1	48	130	448.13	582	162	2.9
C	Mar 2014	1074	-3	9	809	13.1	90	176	447.05	562	260	4.2
A	Apr 2014	1054	24	11	756	12.7	105	178	448.11	582	241	4.0
L	May 2014	1022	-3	13	694	11.3	110	184	448.48	589	115	1.9
*	Jun 2014	947	11	15	713	12.0	95	133	447.90	578	112	1.9
	Jul 2014	928	29	17	717	11.7	108	90	448.50	589	117	1.9
	Aug 2014	789	27	17	599	9.7	108	89	448.00	580	92	1.5
	Sep 2014	750	25	15	543	9.1	105	126	446.81	557	89	1.5
	WY 2014	**9543**	**192**	**139**	**6700**		**1145**	**1658**			**1577**	
	Oct 2014	685	25	12	447	7.3	108	145	446.31	548	55	0.9
	Nov 2014	580	31	8	366	6.2	105	123	446.50	552	103	1.7
	Dec 2014	491	23	6	273	4.4	108	121	446.50	552	108	1.7
	Jan 2015	534	16	6	350	5.7	97	92	446.50	552	125	2.0
	Feb 2015	697	11	8	454	8.2	87	152	446.50	552	156	2.8
	Mar 2015	987	17	9	711	11.6	97	174	446.70	555	201	3.3
	Apr 2015	1099	21	11	801	13.5	94	167	448.70	593	212	3.6
	May 2015	981	21	13	707	11.5	97	173	448.70	593	111	1.8
	Jun 2015	926	17	16	697	11.7	94	122	448.70	593	109	1.8
	Jul 2015	896	29	17	723	11.8	97	87	448.00	580	111	1.8
	Aug 2015	816	27	17	640	10.4	97	86	447.50	571	105	1.7
	Sep 2015	762	25	15	563	9.5	94	120	446.81	557	102	1.7
	WY 2015	**9452**	**263**	**139**	**6732**		**1177**	**1563**			**1498**	
	Oct 2015	671	25	12	464	7.5	97	125	446.31	548	65	1.1
	Nov 2015	513	31	8	382	6.4	23	122	446.50	552	99	1.7
	Dec 2015	407	23	6	287	4.7	24	108	446.50	552	105	1.7
	Jan 2016	524	16	6	348	5.7	90	92	446.50	552	125	2.0
	Feb 2016	673	11	8	437	7.6	80	152	446.50	552	156	2.7
	Mar 2016	1000	17	9	732	11.9	90	174	446.70	555	201	3.3
	Apr 2016	1106	21	11	816	13.7	86	167	448.70	593	212	3.6
	May 2016	993	21	13	726	11.8	90	173	448.70	593	111	1.8
	Jun 2016	930	17	16	709	11.9	86	122	448.70	593	109	1.8

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2014 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Jul 2013	865	14.1	1105.92	12270	-5	460.74	1753.0	348.3	100	402.7
H	Aug 2013	808	13.1	1106.13	12289	19	461.35	1737.0	325.9	100	403.4
I	Sep 2013	599	10.1	1106.92	12362	73	464.61	1737.0	242.5	100	405.1
	WY 2013	**9043**							**3770.1**		
S	Oct 2013	733	11.9	1104.04	12099	-263	460.18	1332.0	300.5	77	410.1
T	Nov 2013	513	8.6	1106.36	12310	212	465.65	1179.0	209.8	68	408.7
O	Dec 2013	558	9.1	1106.73	12344	34	463.77	1188.0	230.3	68	412.8
R	Jan 2014	605	9.8	1108.75	12531	186	465.47	746.0	250.9	43	414.5
I	Feb 2014	717	12.9	1107.94	12456	-75	461.16	1415.0	298.2	81	415.9
C	Mar 2014	1090	17.7	1101.71	11888	-567	457.72	1234.0	451.5	71	414.3
A	Apr 2014	1134	19.1	1094.55	11254	-635	447.66	1146.0	459.8	68	405.6
L	May 2014	1086	17.7	1087.46	10639	-615	440.39	1341.0	431.0	81	397.1
*	Jun 2014	959	16.1	1082.66	10233	-406	437.98	1541.0	372.9	93	388.7
	Jul 2014	968	15.7	1080.37	10042	-191	428.08	1615.0	374.5	100	386.7
	Aug 2014	809	13.2	1080.47	10050	8	427.10	1580.0	312.3	100	386.1
	Sep 2014	652	11.0	1080.17	10025	-25	428.63	1576.0	247.0	100	378.8
	WY 2014	**9825**							**3938.9**		
	Oct 2014	571	9.3	1080.36	10041	16	433.53	1207.0	219.4	77	383.9
	Nov 2014	655	11.0	1079.72	9988	-53	435.77	1084.0	255.4	69	390.2
	Dec 2014	614	10.0	1082.42	10212	225	435.04	1079.0	239.7	68	390.5
	Jan 2015	641	10.4	1084.63	10398	186	436.27	934.0	253.9	58	396.2
	Feb 2015	718	12.9	1084.35	10374	-24	435.84	989.0	287.6	62	400.7
	Mar 2015	1049	17.1	1080.13	10022	-353	432.18	1122.0	415.8	71	396.3
	Apr 2015	1132	19.0	1074.30	9544	-477	426.87	1089.0	449.9	71	397.6
	May 2015	1016	16.5	1069.84	9187	-357	421.96	1045.0	392.0	69	386.0
	Jun 2015	938	15.8	1067.52	9004	-183	415.64	1502.0	352.0	100	375.3
	Jul 2015	918	14.9	1068.13	9051	47	415.28	1508.0	342.0	100	372.5
	Aug 2015	849	13.8	1070.75	9259	208	417.04	1525.0	321.6	100	378.9
	Sep 2015	691	11.6	1072.28	9382	123	420.23	1535.0	258.8	100	374.5
	WY 2015	**9790**							**3788.0**		
	Oct 2015	558	9.1	1072.65	9412	30	424.70	1334.0	208.8	87	374.2
	Nov 2015	587	9.9	1072.79	9422	11	426.31	1372.0	222.8	89	379.3
	Dec 2015	530	8.6	1076.54	9726	304	428.67	1049.1	200.1	68	377.5
	Jan 2016	631	10.3	1078.92	9921	195	430.50	912.0	246.3	58	390.6
	Feb 2016	693	12.0	1078.91	9921	-1	430.30	966.3	272.0	62	392.4
	Mar 2016	1062	17.3	1074.44	9556	-365	426.66	1095.0	416.2	71	391.9
	Apr 2016	1139	19.1	1068.39	9072	-484	421.11	1061.4	446.7	71	392.3
	May 2016	1028	16.7	1063.67	8704	-368	415.96	1017.0	391.3	69	380.8
	Jun 2016	942	15.8	1061.25	8518	-186	409.48	1460.7	348.1	100	369.6

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2014 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Jul 2013	810	13.2	643.66	1717	6	141.93	249.9	102.9	98	127.1
H	Aug 2013	749	12.2	644.35	1736	19	143.01	255.0	92.1	100	122.9
I	Sep 2013	681	11.4	640.23	1624	-112	138.83	255.0	89.1	100	130.8
	WY 2013	**8669**							**1092.0**		
S	Oct 2013	768	12.5	637.86	1560	-63	136.18	196.4	94.7	77	123.3
T	Nov 2013	531	8.9	636.95	1537	-24	137.13	158.1	61.5	62	115.9
O	Dec 2013	470	7.6	639.57	1606	69	136.36	173.4	59.4	68	126.5
R	Jan 2014	552	9.0	640.94	1643	37	139.11	163.2	68.9	64	124.9
I	Feb 2014	658	11.9	641.96	1670	28	138.63	173.4	84.5	68	128.3
C	Mar 2014	1074	17.5	641.61	1661	-10	138.63	252.5	134.6	99	125.3
A	Apr 2014	1054	17.7	643.13	1702	42	141.55	255.0	132.2	100	125.4
L	May 2014	1023	16.6	644.01	1726	24	143.52	255.0	127.7	100	124.9
*	Jun 2014	947	15.9	642.83	1694	-32	141.57	255.0	119.3	100	126.0
	Jul 2014	928	15.1	643.00	1699	5	135.95	255.0	116.2	100	125.2
	Aug 2014	789	12.8	642.50	1685	-14	135.78	255.0	99.2	100	125.8
	Sep 2014	750	12.6	638.00	1564	-121	133.15	255.0	92.7	100	123.6
	WY 2014	**9544**							**1191.0**		
	Oct 2014	685	11.1	633.00	1434	-130	129.88	196.4	82.0	77	119.8
	Nov 2014	580	9.8	635.00	1486	51	129.62	158.1	69.0	62	119.0
	Dec 2014	491	8.0	638.71	1583	97	132.06	173.4	60.0	68	122.2
	Jan 2015	534	8.7	641.80	1666	83	135.97	163.2	66.7	64	125.0
	Feb 2015	697	12.6	641.80	1666	0	137.17	173.4	87.2	68	125.0
	Mar 2015	987	16.0	643.05	1700	34	135.44	255.0	122.8	100	124.4
	Apr 2015	1099	18.5	643.00	1699	-2	136.07	255.0	136.6	100	124.3
	May 2015	981	16.0	643.00	1699	0	136.04	255.0	122.6	100	125.0
	Jun 2015	926	15.6	642.00	1671	-27	135.51	255.0	115.4	100	124.6
	Jul 2015	896	14.6	641.50	1658	-14	134.73	255.0	111.4	100	124.3
	Aug 2015	816	13.3	641.50	1658	0	134.46	255.0	101.5	100	124.5
	Sep 2015	762	12.8	638.00	1564	-94	132.62	255.0	93.8	100	123.1
	WY 2015	**9452**							**1168.9**		
	Oct 2015	671	10.9	633.00	1434	-130	129.88	196.4	80.4	77	119.9
	Nov 2015	513	8.6	635.00	1486	51	129.62	158.1	61.3	62	119.4
	Dec 2015	407	6.6	638.71	1583	97	132.06	173.4	50.0	68	122.8
	Jan 2016	524	8.5	641.80	1666	83	135.97	163.2	65.5	64	125.1
	Feb 2016	673	11.7	641.80	1666	0	137.17	173.4	84.3	68	125.3
	Mar 2016	1000	16.3	643.05	1700	34	135.44	255.0	124.3	100	124.4
	Apr 2016	1106	18.6	643.00	1699	-2	136.07	255.0	137.4	100	124.2
	May 2016	993	16.1	643.00	1699	0	136.04	255.0	124.0	100	124.9
	Jun 2016	930	15.6	642.00	1671	-27	135.51	255.0	115.9	100	124.6

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2014 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Jul 2013	626	10.2	448.51	590	1	80.88	120.0	43.4	100	69.3
H	Aug 2013	552	9.0	449.22	604	14	82.71	120.0	37.0	100	67.0
I	Sep 2013	486	8.2	446.96	560	-43	80.66	120.0	34.5	100	71.0
	WY 2013	**6389**							**439.1**		
S	Oct 2013	467	7.6	447.91	578	18	83.28	96.0	31.7	80	67.9
T	Nov 2013	314	5.3	448.37	587	9	82.63	92.4	22.1	77	70.5
O	Dec 2013	285	4.6	445.37	531	-56	80.69	91.2	19.0	76	66.8
R	Jan 2014	353	5.7	446.23	547	16	80.02	90.0	24.2	75	68.4
I	Feb 2014	450	8.1	448.13	582	35	82.38	92.4	31.2	77	69.4
C	Mar 2014	809	13.1	447.05	562	-20	77.18	106.8	55.4	89	68.5
A	Apr 2014	756	12.7	448.11	582	20	80.82	120.0	52.3	100	69.1
L	May 2014	694	11.3	448.48	589	7	80.45	106.8	49.2	89	70.8
*	Jun 2014	713	12.0	447.90	578	-11	81.61	120.0	49.8	100	69.8
	Jul 2014	717	11.7	448.50	589	11	75.57	120.0	47.4	100	66.2
	Aug 2014	599	9.7	448.00	580	-9	75.61	120.0	39.4	100	65.8
	Sep 2014	543	9.1	446.81	557	-23	74.79	120.0	35.3	100	65.1
	WY 2014	**6700**							**457.0**		
	Oct 2014	447	7.3	446.31	548	-9	74.77	102.0	28.9	85	64.6
	Nov 2014	366	6.2	446.50	552	3	74.62	102.0	23.4	85	64.0
	Dec 2014	273	4.4	446.50	552	0	74.71	102.0	17.1	85	62.7
	Jan 2015	350	5.7	446.50	552	0	74.71	102.0	22.3	85	63.7
	Feb 2015	454	8.2	446.50	552	0	73.92	120.0	29.1	100	64.2
	Mar 2015	711	11.6	446.70	555	4	74.01	120.0	46.2	100	64.9
	Apr 2015	801	13.5	448.70	593	38	75.08	120.0	52.9	100	66.0
	May 2015	707	11.5	448.70	593	0	76.05	120.0	47.0	100	66.5
	Jun 2015	697	11.7	448.70	593	0	76.05	120.0	46.4	100	66.5
	Jul 2015	723	11.8	448.00	580	-13	75.71	120.0	47.9	100	66.3
	Aug 2015	640	10.4	447.50	571	-9	75.13	120.0	42.0	100	65.6
	Sep 2015	563	9.5	446.81	557	-13	74.55	120.0	36.5	100	65.0
	WY 2015	**6732**							**439.8**		
	Oct 2015	464	7.5	446.31	548	-9	74.77	102.0	30.0	85	64.7
	Nov 2015	382	6.4	446.50	552	3	74.62	102.0	24.5	85	64.1
	Dec 2015	287	4.7	446.50	552	0	74.71	102.0	18.1	85	62.9
	Jan 2016	348	5.7	446.50	552	0	74.71	102.0	22.2	85	63.7
	Feb 2016	437	7.6	446.50	552	0	73.92	120.0	28.0	100	64.0
	Mar 2016	732	11.9	446.70	555	4	74.01	120.0	47.6	100	65.0
	Apr 2016	816	13.7	448.70	593	38	75.08	120.0	53.9	100	66.1
	May 2016	726	11.8	448.70	593	0	76.05	120.0	48.3	100	66.5
	Jun 2016	709	11.9	448.70	593	0	76.05	120.0	47.2	100	66.6

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2014 24-Month Study

Most Probable Inflow*

Upper Basin Power

	Date	Glen Canyon 1000 MWHR	Flaming Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Reservoir 1000 MWHR	Fontenelle Reservoir 1000 MWHR
*	Jul 2013	361	26	26	35	20	3
H	Aug 2013	338	26	23	31	18	3
I	Sep 2013	253	25	17	24	14	3
	Summer 2013	**1789**	**173**	**108**	**153**	**90**	**19**
S	Oct 2013	202	19	12	16	10	1
T	Nov 2013	231	18	3	0	1	4
O	Dec 2013	253	19	3	0	1	5
R	Jan 2014	337	19	3	0	0	4
I	Feb 2014	247	17	3	4	0	4
C	Mar 2014	207	19	6	8	4	4
	Winter 2014	**1477**	**110**	**30**	**28**	**17**	**22**
A	Apr 2014	206	19	7	13	9	5
L	May 2014	204	20	19	32	17	6
*	Jun 2014	260	80	54	103	21	7
	Jul 2014	322	38	35	39	21	10
	Aug 2014	322	38	34	41	21	9
	Sep 2014	243	37	23	29	15	3
	Summer 2014	**1557**	**232**	**172**	**257**	**104**	**40**
	Oct 2014	240	38	16	21	11	8
	Nov 2014	239	36	16	21	11	7
	Dec 2014	316	38	9	12	6	7
	Jan 2015	314	38	17	22	11	6
	Feb 2015	254	34	16	20	10	5
	Mar 2015	253	38	13	18	10	5
	Winter 2015	**1616**	**221**	**88**	**114**	**59**	**39**
	Apr 2015	233	36	10	17	10	4
	May 2015	256	52	35	50	23	5
	Jun 2015	323	56	15	25	17	9
	Jul 2015	407	34	27	33	18	10
	Aug 2015	424	34	39	46	23	9
	Sep 2015	322	32	37	45	22	3
	Summer 2015	**1965**	**244**	**163**	**216**	**114**	**40**
	Oct 2015	239	34	17	21	11	6
	Nov 2015	239	32	17	21	11	6
	Dec 2015	317	33	22	27	14	6
	Jan 2016	314	33	21	27	14	5
	Feb 2016	254	31	15	19	10	4
	Mar 2016	253	33	9	13	7	4
	Winter 2016	**1363**	**164**	**91**	**115**	**59**	**27**
	Apr 2016	234	39	12	19	11	5
	May 2016	258	69	35	52	23	7
	Jun 2016	327	39	23	35	22	9

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2014 24-Month Study

Most Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions

Date	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Total KAF	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****EFFECTIVE SPACE****										
Jul 2014	559	170	519	11673	12922	17144	30066	154	-2	10	162	11673	17144	28980	1500	968	0	30.7
								****CREDITABLE SPACE****										
Aug 2014	423	171	567	11624	12784	17335	30120	423	171	567	1161	11624	17335	30120	1500	809	0	30.3
Sep 2014	455	217	598	11882	13151	17327	30479	455	217	598	1269	11882	17327	30479	2270	652	0	29.9
Oct 2014	505	248	606	12072	13431	17352	30783	505	248	606	1358	12072	17352	30783	3040	571	0	29.6
Nov 2014	549	258	604	12195	13607	17336	30943	549	258	604	1411	12195	17336	30943	3810	655	0	29.4
Dec 2014	592	278	602	12316	13789	17389	31178	592	278	602	1472	12316	17389	31178	4580	614	0	29.3
Jan 2015	655	276	608	12700	14239	17165	31404	655	276	608	1539	12700	17165	31404	5350	641	0	29.1
								****EFFECTIVE SPACE****										
Jan 2015	655	276	608	12700	14239	17165	31404	262	272	351	885	12700	17165	30750	5350	641	0	29.1
Feb 2015	714	306	615	13039	14673	16979	31652	319	304	357	980	13039	16979	30998	1500	718	0	28.8
Mar 2015	759	335	615	13231	14940	17003	31943	362	335	356	1053	13231	17003	31287	1500	1049	0	28.4
Apr 2015	766	344	584	13339	15033	17355	32389	365	344	319	1028	13339	17355	31723	1500	1132	0	28.2
May 2015	740	309	522	13175	14746	17833	32579	333	309	236	878	13175	17833	31886	1500	1016	0	29.4
Jun 2015	689	225	395	11971	13281	18190	31471	274	214	73	562	11971	18190	30723	1500	938	0	30.7
Jul 2015	538	44	405	10781	11769	18373	30142	108	12	31	151	10781	18373	29306	1500	918	0	30.5
								****CREDITABLE SPACE****										
Aug 2015	448	27	431	11050	11956	18326	30282	448	27	431	906	11050	18326	30282	1500	849	0	30.0
Sep 2015	477	91	447	11593	12609	18118	30727	477	91	447	1016	11593	18118	30727	2270	691	0	29.6
Oct 2015	531	166	447	11931	13075	17995	31070	531	166	447	1144	11931	17995	31070	3040	558	0	29.3
Nov 2015	577	179	437	12046	13239	17965	31204	577	179	437	1193	12046	17965	31204	3810	587	0	29.2
Dec 2015	620	202	436	12163	13422	17955	31376	620	202	436	1258	12163	17955	31376	4580	530	0	29.1
Jan 2016	679	248	438	12499	13864	17651	31514	679	248	438	1365	12499	17651	31514	5350	631	0	29.0
								****EFFECTIVE SPACE****										
Jan 2016	679	248	438	12499	13864	17651	31514	382	248	219	849	12499	17651	30998	5350	631	0	29.0
Feb 2016	732	295	442	12820	14289	17456	31745	433	295	222	951	12820	17456	31226	1500	693	0	28.7
Mar 2016	775	322	436	13010	14543	17456	32000	474	322	215	1012	13010	17456	31478	1500	1062	0	28.4
Apr 2016	769	317	384	13079	14548	17821	32369	464	317	156	937	13079	17821	31837	1500	1139	0	28.3
May 2016	748	285	300	12835	14168	18305	32473	437	285	50	772	12835	18305	31912	1500	1028	0	29.5
Jun 2016	701	195	308	11442	12647	18673	31320	382	189	21	592	11442	18673	30707	1500	942	0	31.0

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Model Run ID: 2174

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August 24-Month Study
Date: August 13, 2014

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

Reservoir	July Inflow (unregulated) (acre-feet)	Percent of Average (%)	August 12 Midnight Elevation (feet)	Reservoir Storage (acre-feet)
Fontenelle	220,000	124	6505.65	342,000
Flaming Gorge	226,000	107	6028.67	3,298,000
Blue Mesa	117,000	118	7499.36	656,000
Navajo	13,000	20	6040.40	1,117,000
Powell	838,000	77	3607.34	12,464,000

Expected Operations

The operation of Lake Powell and Lake Mead in this August 2014 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines), and reflects the 2014 Annual Operating Plan (AOP). Pursuant to the Interim Guidelines, the August 2013 24-Month Study projections of the January 1, 2014, system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2014.

Consistent with Section 6.C.1 of the Interim Guidelines, the Lake Powell operational tier for water year 2014 is the Mid-Elevation Release Tier with an annual release volume of 7.48 maf.

Consistent with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar year 2014.

This August 24-Month study projects the January 1, 2015 Lake Powell elevation will be 3,596.62 feet, which is below the 2015 Equalization Elevation of 3,649 feet and above elevation 3,575 feet. Consistent with Section 6.B of the Interim Guidelines, Lake Powell's operations in water year 2015 will be governed by the Upper Elevation Balancing Tier, with an initial water year release volume of 8.23 maf and the potential for

an April adjustment to equalization or balancing releases in April 2015. Consistent with Section 6.B.4 of the Interim Guidelines, an April adjustment to balancing releases is projected to occur and Lake Powell is currently projected to release 9.0 maf in water year 2015. This determination will be documented in the 2015 AOP, which is currently in the final stages of development.

The Interim Guidelines are available for download at:
http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The 2014 AOP is available for download at:
http://www.usbr.gov/lc/region/g4000/aop/AOP14.pdf.

Fontenelle Reservoir – Inflows to Fontenelle Reservoir for the month of July were 220,000 acre-feet (AF), or 124 percent of average. The reservoir elevation is 6505.6 feet, 99 percent of live capacity. Inflows are averaging 1,800 cubic feet per second (cfs). Fontenelle releases are currently at 1,750 cfs.

Inflows for the next three months are projected to be above average: with August, September and October forecasted inflow volumes at 85,000 AF (111% of average), 59,000 AF (129% of average), and 55,000 AF (113% of average), respectively.

The next Fontenelle Working Group meeting is scheduled for August 20, 2014, at 10:00 am at the Joint Powers Water Board in Green River, Wyoming. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir.

Flaming Gorge Reservoir – Unregulated inflow into Flaming Gorge Reservoir during the month of July was 226,000 acre-feet (AF), or 107 percent of average. The reservoir elevation is 6,028.7 feet. Observed inflows are averaging 2,600 cubic feet per second (cfs).

Flaming Gorge releases are currently 2,000 cfs average daily release with hourly fluctuations for hydropower. The base flow target is to maintain 2,400 cfs on the Green River measured at Jensen, UT.

Inflows for the next three months are projected to be above or close to average: with August, September and October forecasted inflow volumes at 90,000 AF (102% of average), 60,000 AF (109% of average), and 61,000 AF (103% of average), respectively. The August preliminary observed forecast of the April-July unregulated inflow volume into Flaming Gorge Reservoir is 1,159,000 AF (118% of average).

The next Flaming Gorge Working Group meeting is scheduled for August 21, 2014, at 11:00 a.m. to be held in the Utah Department of Natural Resources building in Vernal, Utah. The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stake holders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations and plans presented by

Reclamation at these meetings. Meeting notes from past Working Group meetings are posted on the Working Group webpage. For more information on this group and these meetings please contact Ed Vidmar at 801-379-1182.

Aspinall Unit Reservoirs – July unregulated inflow into Blue Mesa Reservoir was 117,000 acre-feet or 100 percent of average. Hydrologic conditions in the basin had a break from the dry conditions as summer thunderstorms brought in some much needed precipitation during the latter part of the month. May, June, and July precipitation was 130, 20, and 95 percent of average respectively. The current inflow rate into Blue Mesa Reservoir is about 1600 cfs while reservoir releases are averaging about 1,700 cfs.

Blue Mesa's present elevation is 7500.15 feet, which corresponds to a storage content of about 663,000 acre-feet. The observed April through July runoff into Blue Mesa Reservoir was recorded at 849,000 acre-feet, or 126 percent of average. The reservoir reached a high elevation of 7505.06 feet on June 6, 2014, which was approximately 14.4 feet below "full" pool. Full pool is defined by the top of the spillway gates at elevation 7519.4 feet. Rarely is the reservoir filled to that level due to safety. For practical purposes; the reservoir is considered full at elevations above 7516.4 feet.

Releases from Crystal are currently set at 1800 cfs. The Gunnison Diversion Tunnel is diverting about 1050 cfs, which results in a river flow below the diversion tunnel of approximately 750 cfs. These rates will most likely change as conditions warrant, primarily as we respond to changes at the Whitewater gage as flows prescribed in the Aspinall Unit Operations Record of Decision (ROD). The ROD calls for keeping flows at the Whitewater gage at or above 1500 cfs until the end of August.

The next meeting of the "Aspinall Unit Working Group" will be held on Thursday, September 4, 2014 starting at 1:00 PM at the Elk Creek Visitor Center at Blue Mesa Reservoir. At this meeting, review of this spring's reservoir operations, and plans for this fall and winter operations will be discussed. These meetings are open forum discussions on the Aspinall Unit reservoir operations with many interested groups participating. Anyone needing further information about these meetings should contact Erik Knight in the Grand Junction Area Office at (970) 248-0629.

Navajo Reservoir – Reclamation has been releasing 550 cfs from Navajo Reservoir since August 5th, 2014. Releases are made for the authorized purposes of the Navajo Unit, and to attempt to maintain a target base flow through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell). The San Juan River Basin Recovery Implementation Program recommends a target base flow of between 500 cfs and 1,000 cfs through the critical habitat area. The target base flow is calculated as the weekly average of gaged flows throughout the critical habitat area.

Navajo was at 6042.0 ft of pool elevation and 1,134,920 acre-ft of storage by the end of July, which was 80% of average for the end of the month. Observed inflow into Navajo was 33,941 af, (modified-unregulated inflow volume of 13,102 af) which was 46% of average for July. Calculated evaporation for the month was 3,868 acre-ft. Navajo

released 350 cfs through mid-month, and then increased to a high of 750 cfs by the end of July. Navajo Reservoir recorded 0.48 inches of liquid precipitation (39% of average). NIIP diverted a total of 44,119 in July (134% of average for July) and has diverted a total of 140,215 since the beginning of the year. Total April-July modified-unregulated inflow into Navajo was 428,086 af (58% of average).

As of August 4th, the release at Navajo (as measured at the USGS at Archuleta gage) was 706 cfs, and the observed inflow was 574 cfs. NIIP is diverting 662 cfs. The reservoir elevation was 6041.55 ft and the content is 1,129,654 acre-ft, or 66% full (45% of Active). The San Juan River at Four Corners USGS gage was at 1170 cfs and the Animas River at Farmington USGS gage was at 529 cfs. The release decreased to 550 cfs on August 4th at 11pm.

The most probable modified-unregulated inflow forecast for August at Navajo is 23,000 acre-ft (51% of average), for September is 25,000 acre-ft (58% of average), and for October is 29,000 acre-ft (62% of average).

Reclamation and SJRIP agreed to forego a spring peak release for 2014 in the interests of recovering the reservoir and reducing the risk of a shortage. The release will continue to be that which is required to maintain the target base flows downstream. The next public operations meeting will be held on Tuesday, August 26th, 2014 at the Farmington Civic Center at 1pm.

Glen Canyon Dam / Lake Powell

Current Status

The unregulated inflow volume to Lake Powell in July was 838 thousand acre-feet (kaf) (77% of average). The release volume from Glen Canyon Dam in July was 800 kaf. The end of July elevation and storage of Lake Powell were 3,608.1 feet (92 feet from full pool) and 12.54 million acre-feet (maf) (52% of full capacity), respectively. The reservoir elevation reached it seasonal peak of 3,609.7 feet on July 7, 2014 and is now declining. The reservoir elevation is expected to continue to decline until spring 2015. The April to July unregulated inflow volume to Lake Powell was 6,923 kaf (97% of average).

Current Operations

The operating tier for water year 2014 is the Mid-Elevation Release Tier with an annual release volume of 7.48 maf, as established in August 2013 and pursuant to the Interim Guidelines, Section 6.C.1. Reclamation will schedule operations at Glen Canyon Dam to achieve as practicably as possible a 7.48 maf annual release by September 30, 2014. In August, the release volume will be approximately 800 kaf, with fluctuations between about 9,000 cfs in the nighttime to about 17,000 cfs in the daytime and consistent with the Glen Canyon Operating Criteria (Federal Register, Volume 62, No. 41, March 3, 1997). In September, the release volume will likely be approximately 600 kaf with daily fluctuations between about 7,000 cfs and 13,000 cfs. The anticipated release volume for

October is about 600 kaf with fluctuations between approximately 7,000 cfs and 13,000 cfs.

In addition to daily scheduled fluctuations for power generation, the instantaneous releases from Glen Canyon Dam may also fluctuate to provide 40 MW of system regulation. These instantaneous release adjustments stabilize the electrical generation and transmission system and translate to a range of about 1,200 cfs above or below the hourly scheduled release rate. Under system normal conditions, fluctuations for regulation are typically short lived and generally balance out over the hour with minimal or no noticeable impacts on downstream river flow conditions.

Releases from Glen Canyon Dam can also fluctuate beyond scheduled releases when called upon to respond to unscheduled power outages or power system emergencies. Depending on the severity of the system emergency, the response from Glen Canyon Dam can be significant, within the full range of the operating capacity of the power plant for as long as is necessary to maintain balance in the transmission system. Glen Canyon Dam typically maintains 41MW (approximately 1,200 cfs) of generation capacity in reserve in order to respond to a system emergency even when generation rates are already high. System emergencies occur fairly infrequently and typically require small responses from Glen Canyon Dam. However, these responses can have a noticeable impact on the river downstream of Glen Canyon Dam.

Inflow Forecasts and Model Projections

The forecast for water year 2014 unregulated inflow to Lake Powell, issued on August 1, 2014, by the Colorado Basin River Forecast Center, projects that the most probable (median) unregulated inflow volume will be 10.15 maf (94% of average based on the period 1981-2010). The April to July unregulated inflow volume was 6,923 kaf (97% of average).

Based on the current forecast, the August 24-Month study projects Lake Powell elevation will end the water year near 3,604 feet with approximately 12.11 maf in storage (50% capacity). Note that projections of elevation and storage have uncertainty, primarily due to uncertainty regarding the inflow to Lake Powell. Under these scenarios, there is a 10 percent chance that inflows will be higher, resulting in higher elevation and storage, and 10 percent chance that inflows will be lower, resulting in lower elevation and storage. The annual release volume from Lake Powell during water year 2014 is projected to be 7.48 maf under all inflow scenarios.

Consistent with Section 6.C.1 of the Interim Guidelines, the Lake Powell operational tier for water year 2014 is the Mid-Elevation Release Tier with an annual release volume of 7.48 maf. This was determined in the August 2013 24-Month Study and documented in the 2014 Annual Operating Plan signed by Secretary Jewell in December 2013.
This August 24-Month study projects the January 1, 2015 Lake Powell elevation will be 3,596.62 feet, which is below the 2015 Equalization Elevation of 3,649 feet and above elevation 3,575 feet. Consistent with Section 6.B of the Interim Guidelines, Lake Powell's operations in water year 2015 will be governed by the Upper Elevation

Balancing Tier, with an initial water year release volume of 8.23 maf and the potential for an April adjustment to equalization or balancing releases in April 2015. Consistent with Section 6.B.4 of the Interim Guidelines, an April adjustment to balancing releases is projected to occur and Lake Powell is currently projected to release 9.0 maf in water year 2015. This determination will be documented in the 2015 AOP, which is currently in the final stages of development.

Upper Colorado River Basin Hydrology

The Upper Colorado River Basin regularly experiences significant year to year hydrologic variability. During the 14-year period 2000 to 2013, however, the unregulated inflow to Lake Powell, which is a good measure of hydrologic conditions in the Colorado River Basin, was above average in only 3 out of the past 14 years. The period 2000-2013 is the lowest 14-year period since the closure of Glen Canyon Dam in 1963, with an average unregulated inflow of 8.25 maf, or 76% of the 30-year average (1981-2010). (For comparison, the 1981-2010 total water year average is 10.83 maf.) The unregulated inflow during the 2000-2013 period has ranged from a low of 2.64 maf (24% of average) in water year 2002 to a high of 15.97 maf (147% of average) in water year 2011. Under the current most probable forecast, total water year 2014 unregulated inflows to Lake Powell is projected to be 10.15 maf (94% of average).

At the beginning of water year 2014, total system storage in the Colorado River Basin was 29.9 maf (50% of 59.6 maf total system capacity). This is about 4 maf less than the total storage at the beginning of water year 2013 which began at 34.0 maf (57% of capacity). Since the beginning of water year 2000, total Colorado Basin storage has experienced year to year increases and decreases in response to wet and dry hydrology, ranging from a high of 94% of capacity at the beginning of 2000 to a low of 50% of capacity at the beginning of water year 2014. One wet year can significantly increase total system reservoir storage, just as persistent dry years can draw down the system storage. Based on current inflow forecasts, the current projected end of water year 2014 total Colorado Basin reservoir storage is approximately 29.7 maf (50% of capacity). The actual end of water year storage may vary from this projection, primarily due to uncertainty regarding inflow to Lake Powell.

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:	Obs			jul	Forecast			Observed	
:	apr	may	jun	jul	%Avg	aug	sep	oct	apr-jul	%Avg
GLDA3:Lake Powell	964	2082	3039	838	77%:	450/	350/	450/	6923/:	97%
GBRW4:Fontenelle	101	272	427	220	124%:	85/	59/	55/	1020/:	141%
GRNU1:Flaming Gorge	128	333	472	226	107%:	90/	60/	61/	1159/:	118%
BMDC2:Blue Mesa	129	242	361	117	100%:	60/	40/	41/	849/:	126%
MPSC2:Morrow Point	143	268	379	120	97%:	63/	43/	44/	910/:	123%
CLSC2:Crystal	154	297	414	130	94%:	70/	49/	50/	995/:	119%
TPIC2:Taylor Park	11.9	30	49	17.0	84%:	9/	7/	6/	108/:	109%
VCRC2:Vallecito	28	59	47	15.3	53%:	15/	14/	10/	149/:	77%
NVRN5:Navajo	123	176	116	13.1	20%:	23/	25/	29/	428/:	58%
LEMC2:Lemon	7.5	17.1	9.7	2.4	36%:	3/	2.5/	1.7/	37/:	67%
MPHC2:McPhee	43	77	44	8.4	37%:	8/	8/	6.5/	172/:	58%
RBSC2:Ridgway	11.2	23	42	M	M :	11/	8.5/	7/	M/:	M

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Managing Water in the West

August 2014 24-Month Study

Most Probable Inflow*

Fontenelle Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Aug 2013	32	2	43	0	43	6490.28	229
H	Sep 2013	47	2	42	0	42	6490.87	233
	WY 2013	**575**	**14**	**534**	**57**	**591**		
I	Oct 2013	53	1	19	24	43	6492.11	241
S	Nov 2013	41	1	51	4	55	6489.91	226
T	Dec 2013	30	1	61	0	61	6485.02	195
O	Jan 2014	29	1	61	0	61	6479.35	163
R	Feb 2014	29	0	55	0	55	6474.06	136
I	Mar 2014	56	0	71	0	71	6470.70	121
C	Apr 2014	101	1	83	1	84	6474.33	138
A	May 2014	272	1	96	126	222	6483.58	186
L	Jun 2014	427	2	104	254	364	6492.90	247
*	Jul 2014	220	3	90	1	117	6506.25	347
	Aug 2014	85	2	94	0	94	6504.86	337
	Sep 2014	59	2	36	40	76	6502.47	318
	WY 2014	**1401**	**15**	**819**	**451**	**1302**		
	Oct 2014	55	1	78	0	78	6499.24	293
	Nov 2014	51	1	76	0	76	6495.73	268
	Dec 2014	40	1	78	0	78	6489.95	228
	Jan 2015	37	1	78	0	78	6483.44	186
	Feb 2015	33	1	71	0	71	6476.34	148
	Mar 2015	53	0	78	0	78	6470.72	122
	Apr 2015	80	1	76	0	76	6471.53	126
	May 2015	160	1	78	0	78	6486.60	206
	Jun 2015	280	2	103	90	193	6498.84	290
	Jul 2015	180	3	101	22	123	6505.86	345
	Aug 2015	69	2	92	0	92	6502.63	319
	Sep 2015	42	2	36	29	65	6499.32	294
	WY 2015	**1080**	**15**	**948**	**141**	**1089**		
	Oct 2015	46	1	68	0	68	6496.18	271
	Nov 2015	41	1	65	0	65	6492.60	246
	Dec 2015	32	1	68	0	68	6487.11	209
	Jan 2016	30	1	68	0	68	6480.81	171
	Feb 2016	28	1	61	0	61	6474.11	137
	Mar 2016	53	0	68	0	68	6470.66	122
	Apr 2016	85	1	77	0	77	6472.44	130
	May 2016	164	1	100	4	104	6483.78	188
	Jun 2016	299	2	102	117	219	6495.55	266
	Jul 2016	178	3	97	0	97	6505.83	344

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2175

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Managing Water in the West

August 2014 24-Month Study

Most Probable Inflow*

Flaming Gorge Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	Aug 2013	22	33	11	68	0	68	114	6015.71	2831	87
H	Sep 2013	67	62	10	66	0	66	113	6015.33	2818	95
	WY 2013	**657**	**673**	**73**	**818**	**3**	**821**				**1744**
I	Oct 2013	68	58	6	51	0	51	113	6015.35	2819	108
S	Nov 2013	41	55	3	48	0	48	114	6015.47	2823	96
T	Dec 2013	32	62	2	49	0	49	114	6015.79	2834	403
O	Jan 2014	33	65	2	49	0	49	115	6016.19	2847	405
R	Feb 2014	46	71	2	45	0	45	116	6016.89	2871	99
I	Mar 2014	86	100	3	49	1	50	117	6018.21	2917	123
C	Apr 2014	128	111	5	50	0	50	120	6019.75	2971	306
A	May 2014	333	283	8	53	0	53	128	6025.67	3185	594
L	Jun 2014	472	409	10	208	85	293	132	6028.39	3287	775
*	Jul 2014	226	123	13	105	0	105	132	6028.51	3292	208
	Aug 2014	90	99	13	123	0	123	131	6027.58	3257	123
	Sep 2014	60	77	11	119	0	119	129	6026.22	3205	119
	WY 2014	**1614**	**1515**	**77**	**949**	**86**	**1035**				**3360**
	Oct 2014	61	84	7	89	0	89	129	6025.92	3194	89
	Nov 2014	60	85	3	84	0	84	128	6025.85	3192	84
	Dec 2014	42	80	2	123	0	123	127	6024.71	3150	123
	Jan 2015	46	87	2	123	0	123	125	6023.74	3114	123
	Feb 2015	48	86	2	111	0	111	124	6023.01	3087	111
	Mar 2015	97	122	3	57	0	57	127	6024.66	3148	57
	Apr 2015	132	128	5	54	0	54	129	6026.46	3215	54
	May 2015	200	118	8	111	0	111	129	6026.45	3214	111
	Jun 2015	320	233	10	155	0	155	132	6028.18	3279	155
	Jul 2015	200	143	14	94	0	94	133	6029.08	3314	94
	Aug 2015	77	100	13	94	0	94	133	6028.93	3308	94
	Sep 2015	47	70	11	91	0	91	132	6028.13	3277	91
	WY 2015	**1330**	**1339**	**79**	**1185**	**0**	**1185**				**1185**
	Oct 2015	53	75	7	94	0	94	131	6027.47	3252	94
	Nov 2015	49	73	3	91	0	91	130	6026.93	3232	91
	Dec 2015	35	71	2	94	0	94	129	6026.29	3208	94
	Jan 2016	40	78	2	94	0	94	128	6025.83	3191	94
	Feb 2016	45	78	2	88	0	88	128	6025.53	3180	88
	Mar 2016	102	117	3	94	0	94	129	6026.06	3199	94
	Apr 2016	134	125	5	109	0	109	129	6026.36	3211	109
	May 2016	245	185	8	190	0	190	129	6026.03	3198	190
	Jun 2016	390	310	10	107	0	107	136	6030.88	3383	107
	Jul 2016	210	129	14	111	0	111	136	6031.00	3388	111

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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August 2014 24-Month Study

Most Probable Inflow*

Taylor Park Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Aug 2013	7	15	9312.37	74
H	Sep 2013	8	12	9309.95	70
	WY 2013	**97**	**83**		
I	Oct 2013	7	6	9310.82	71
S	Nov 2013	5	5	9310.99	71
T	Dec 2013	5	5	9310.93	71
O	Jan 2014	5	5	9310.93	71
R	Feb 2014	4	4	9311.08	72
I	Mar 2014	5	5	9310.72	71
C	Apr 2014	12	13	9310.23	70
A	May 2014	31	27	9312.59	74
L	Jun 2014	49	28	9324.29	95
*	Jul 2014	19	25	9320.83	88
	Aug 2014	9	18	9315.78	79
	Sep 2014	7	14	9311.60	72
	WY 2014	**156**	**153**		
	Oct 2014	6	8	9310.36	70
	Nov 2014	6	6	9310.36	70
	Dec 2014	5	6	9309.73	69
	Jan 2015	4	6	9308.45	67
	Feb 2015	3	6	9306.49	64
	Mar 2015	4	6	9305.15	62
	Apr 2015	7	6	9305.83	63
	May 2015	26	10	9315.78	79
	Jun 2015	40	20	9326.62	99
	Jul 2015	15	22	9322.98	92
	Aug 2015	8	20	9316.36	80
	Sep 2015	7	16	9310.98	71
	WY 2015	**131**	**132**		
	Oct 2015	6	8	9310.00	70
	Nov 2015	5	6	9309.39	69
	Dec 2015	5	6	9308.54	68
	Jan 2016	4	6	9307.47	66
	Feb 2016	4	6	9306.02	64
	Mar 2016	4	6	9304.97	62
	Apr 2016	9	6	9306.82	65
	May 2016	28	14	9315.64	79
	Jun 2016	42	22	9326.36	99
	Jul 2016	20	22	9325.40	97

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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Most Probable Inflow*

Blue Mesa Reservoir

	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Aug 2013	46	54	1	89	0	89	7457.29	355
H	Sep 2013	57	61	1	66	0	66	7456.24	348
	WY 2013	**561**	**547**	**6**	**517**	**0**	**532**		
I	Oct 2013	48	47	0	46	0	46	7456.34	349
S	Nov 2013	33	33	0	14	0	14	7459.38	367
T	Dec 2013	25	25	0	11	0	11	7461.56	381
O	Jan 2014	22	22	0	14	0	14	7462.81	389
R	Feb 2014	23	22	0	13	0	13	7464.31	398
I	Mar 2014	32	33	0	23	0	23	7465.76	408
C	Apr 2014	129	130	1	28	0	28	7480.43	509
A	May 2014	242	240	1	69	3	72	7501.73	676
L	Jun 2014	361	338	1	185	142	353	7499.76	659
*	Jul 2014	117	123	1	118	0	118	7500.15	663
	Aug 2014	60	69	1	98	0	98	7496.46	632
	Sep 2014	40	47	1	77	0	77	7492.58	602
	WY 2014	**1133**	**1130**	**8**	**697**	**145**	**869**		
	Oct 2014	41	43	1	56	0	56	7490.86	588
	Nov 2014	33	33	0	30	0	30	7491.21	591
	Dec 2014	29	30	0	60	0	60	7487.31	561
	Jan 2015	26	28	0	60	0	60	7483.05	528
	Feb 2015	23	26	0	55	0	55	7479.07	499
	Mar 2015	35	37	0	47	0	47	7477.63	489
	Apr 2015	72	71	1	35	0	35	7482.47	524
	May 2015	210	194	1	116	0	116	7492.53	601
	Jun 2015	255	235	1	48	0	48	7514.70	787
	Jul 2015	96	103	2	86	0	86	7516.40	802
	Aug 2015	50	62	1	117	0	117	7510.05	746
	Sep 2015	40	49	1	110	0	110	7502.77	684
	WY 2015	**910**	**911**	**9**	**820**	**0**	**820**		
	Oct 2015	40	41	1	60	0	60	7500.43	665
	Nov 2015	32	33	0	52	0	52	7498.03	645
	Dec 2015	26	27	0	91	0	91	7490.00	581
	Jan 2016	24	26	0	73	0	73	7483.81	534
	Feb 2016	22	25	0	51	0	51	7480.21	508
	Mar 2016	36	38	0	32	0	32	7480.92	513
	Apr 2016	77	74	1	42	0	42	7485.17	544
	May 2016	221	207	1	116	0	116	7496.65	634
	Jun 2016	261	241	1	76	0	76	7515.90	798
	Jul 2016	117	119	2	113	0	113	7516.40	803

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2014 24-Month Study

Most Probable Inflow*

Morrow Point Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Aug 2013	46	89	0	90	89	0	89	7154.91	113
H	Sep 2013	58	66	2	68	69	0	69	7154.20	112
	WY 2013	**595**	**532**	**35**	**567**	**563**	**0**	**563**		
I	Oct 2013	50	46	2	48	47	1	50	7152.26	111
S	Nov 2013	34	14	1	15	0	0	15	7152.65	111
T	Dec 2013	26	11	1	12	0	0	16	7147.65	107
O	Jan 2014	24	14	2	16	0	0	16	7148.51	108
R	Feb 2014	24	13	2	14	12	0	14	7148.21	108
I	Mar 2014	33	23	1	24	25	0	25	7146.76	107
C	Apr 2014	143	28	13	41	42	0	42	7146.13	106
A	May 2014	268	72	26	98	93	0	93	7152.55	111
L	Jun 2014	379	353	18	372	295	63	382	7138.91	101
*	Jul 2014	120	118	3	122	82	8	110	7153.91	112
	Aug 2014	63	98	3	101	101	0	101	7153.73	112
	Sep 2014	43	77	3	80	80	0	80	7153.73	112
	WY 2014	**1208**	**869**	**75**	**944**	**776**	**73**	**943**		
	Oct 2014	44	56	3	59	59	0	59	7153.73	112
	Nov 2014	35	30	2	32	32	0	32	7153.73	112
	Dec 2014	31	60	2	62	62	0	62	7153.73	112
	Jan 2015	28	60	2	62	62	0	62	7153.73	112
	Feb 2015	25	55	2	57	57	0	57	7153.73	112
	Mar 2015	39	47	4	51	51	0	51	7153.73	112
	Apr 2015	82	35	10	45	45	0	45	7153.73	112
	May 2015	230	116	20	136	136	0	136	7153.73	112
	Jun 2015	274	48	19	67	67	0	67	7153.73	112
	Jul 2015	101	86	5	91	91	0	91	7153.73	112
	Aug 2015	53	117	3	120	120	0	120	7153.73	112
	Sep 2015	43	110	3	113	113	0	113	7153.73	112
	WY 2015	**985**	**820**	**75**	**895**	**895**	**0**	**895**		
	Oct 2015	42	60	3	63	63	0	63	7153.73	112
	Nov 2015	34	52	2	54	54	0	54	7153.73	112
	Dec 2015	28	91	2	93	93	0	93	7153.73	112
	Jan 2016	27	73	2	75	75	0	75	7153.73	112
	Feb 2016	25	51	3	54	54	0	54	7153.73	112
	Mar 2016	40	32	4	36	36	0	36	7153.73	112
	Apr 2016	88	42	11	53	53	0	53	7153.73	112
	May 2016	247	116	26	142	142	0	142	7153.73	112
	Jun 2016	281	76	20	96	96	0	96	7153.73	112
	Jul 2016	123	113	6	119	119	0	119	7153.73	112

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Managing Water in the West

August 2014 24-Month Study

Most Probable Inflow*

Crystal Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
*	Aug 2013	50	89	3	92	92	1	93	6745.72	15	62	36
H	Sep 2013	63	69	5	74	73	0	73	6746.17	15	48	29
	WY 2013	**661**	**563**	**65**	**628**	**614**	**14**	**627**			**363**	**291**
I	Oct 2013	55	50	5	54	56	0	56	6741.56	14	36	22
S	Nov 2013	40	15	6	21	15	4	19	6748.85	16	0	19
T	Dec 2013	30	16	4	20	20	0	20	6749.68	16	0	20
O	Jan 2014	27	16	3	19	6	14	20	6746.01	15	1	20
R	Feb 2014	29	14	5	19	3	17	20	6743.52	14	1	20
I	Mar 2014	39	25	6	31	30	0	31	6744.65	15	1	30
C	Apr 2014	154	42	11	53	53	0	53	6743.26	14	28	26
A	May 2014	297	93	29	122	88	22	118	6758.88	19	52	69
L	Jun 2014	414	382	35	417	108	126	419	6751.56	17	61	378
*	Jul 2014	130	110	10	120	119	2	120	6749.06	16	67	58
	Aug 2014	70	101	7	108	107	0	107	6753.04	17	65	42
	Sep 2014	49	80	6	86	86	0	86	6753.04	17	55	31
	WY 2014	**1335**	**943**	**127**	**1071**	**691**	**184**	**1068**			**366**	**735**
	Oct 2014	50	59	6	65	65	0	65	6753.04	17	30	35
	Nov 2014	40	32	5	37	37	0	37	6753.04	17	0	37
	Dec 2014	35	62	4	66	66	0	66	6753.04	17	0	66
	Jan 2015	33	62	5	67	67	0	67	6753.04	17	0	67
	Feb 2015	28	57	3	60	60	0	60	6753.04	17	0	60
	Mar 2015	44	51	5	56	56	0	56	6753.04	17	5	51
	Apr 2015	95	45	13	58	58	0	58	6753.04	17	30	28
	May 2015	260	136	30	166	134	32	166	6753.04	17	55	111
	Jun 2015	305	67	31	98	98	0	98	6753.04	17	60	38
	Jul 2015	112	91	11	102	102	0	102	6753.04	17	65	37
	Aug 2015	59	120	6	126	126	0	126	6753.04	17	65	61
	Sep 2015	49	113	6	119	119	0	119	6753.04	17	55	64
	WY 2015	**1110**	**895**	**125**	**1020**	**988**	**32**	**1020**			**365**	**655**
	Oct 2015	48	63	6	69	69	0	69	6753.04	17	30	39
	Nov 2015	39	54	5	59	59	0	59	6753.04	17	0	59
	Dec 2015	32	93	5	97	97	0	97	6753.04	17	0	97
	Jan 2016	31	75	5	80	80	0	80	6753.04	17	0	80
	Feb 2016	29	54	4	57	57	0	57	6753.04	17	0	57
	Mar 2016	46	36	6	42	42	0	42	6753.04	17	5	37
	Apr 2016	101	53	12	66	66	0	66	6753.04	17	30	36
	May 2016	281	142	34	176	134	42	176	6753.04	17	55	121
	Jun 2016	315	96	34	130	130	0	130	6753.04	17	60	70
	Jul 2016	138	119	14	133	133	0	133	6753.04	17	65	68

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2014 24-Month Study

Most Probable Inflow*

Vallecito Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Aug 2013	13	26	7617.79	26
H	Sep 2013	45	7	7639.82	64
	WY 2013	**169**	**138**		
I	Oct 2013	18	2	7646.84	80
S	Nov 2013	10	2	7650.16	87
T	Dec 2013	7	2	7652.32	93
O	Jan 2014	6	2	7653.61	96
R	Feb 2014	5	2	7654.41	98
I	Mar 2014	7	11	7653.05	94
C	Apr 2014	28	16	7657.59	106
A	May 2014	59	43	7663.60	122
L	Jun 2014	47	50	7662.12	118
*	Jul 2014	15	38	7653.12	95
	Aug 2014	15	37	7643.52	72
	Sep 2014	14	30	7635.99	56
	WY 2014	**231**	**235**		
	Oct 2014	10	17	7632.15	49
	Nov 2014	7	1	7635.00	54
	Dec 2014	5	2	7636.71	57
	Jan 2015	5	2	7638.37	61
	Feb 2015	4	1	7639.58	63
	Mar 2015	6	2	7641.58	68
	Apr 2015	19	1	7649.13	85
	May 2015	68	31	7663.54	121
	Jun 2015	65	62	7664.44	124
	Jul 2015	27	42	7658.72	109
	Aug 2015	19	38	7651.05	89
	Sep 2015	15	30	7644.67	75
	WY 2015	**250**	**228**		
	Oct 2015	14	17	7643.23	71
	Nov 2015	8	1	7646.22	78
	Dec 2015	6	2	7648.25	83
	Jan 2016	5	2	7649.84	87
	Feb 2016	5	1	7651.16	90
	Mar 2016	9	2	7653.95	97
	Apr 2016	23	1	7662.29	118
	May 2016	71	64	7664.84	125
	Jun 2016	70	70	7664.77	125
	Jul 2016	29	41	7659.87	112

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2014 24-Month Study

Most Probable Inflow*

Navajo Reservoir

	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azetea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Farmington Flow (1000 Ac-Ft)
*	Aug 2013	43	3	53	3	34	41	6014.89	865	54
H	Sep 2013	151	5	110	2	15	25	6022.28	933	90
	WY 2013	**543**	**42**	**472**	**20**	**205**	**349**			**604**
I	Oct 2013	57	3	38	1	4	15	6024.13	951	45
S	Nov 2013	35	1	26	1	0	16	6025.11	960	43
T	Dec 2013	26	0	21	0	0	16	6025.59	965	39
O	Jan 2014	19	0	16	0	0	17	6025.41	963	36
R	Feb 2014	23	0	21	1	0	18	6025.70	966	35
I	Mar 2014	52	2	53	1	4	18	6028.76	996	41
C	Apr 2014	123	14	98	2	21	18	6034.32	1053	64
A	May 2014	176	20	141	3	31	17	6042.68	1142	115
L	Jun 2014	116	19	98	4	39	20	6045.77	1177	148
*	Jul 2014	14	2	35	4	44	29	6042.03	1135	64
	Aug 2014	23	1	44	3	51	29	6038.39	1096	29
	Sep 2014	25	1	40	2	29	20	6037.34	1084	20
	WY 2014	**691**	**62**	**631**	**23**	**224**	**233**			**680**
	Oct 2014	29	1	35	1	10	16	6037.98	1091	16
	Nov 2014	30	0	24	1	0	15	6038.76	1099	15
	Dec 2014	22	0	19	1	0	16	6038.97	1102	16
	Jan 2015	18	0	15	1	0	18	6038.54	1097	18
	Feb 2015	23	0	20	1	0	18	6038.70	1099	18
	Mar 2015	64	2	58	1	5	21	6041.57	1130	21
	Apr 2015	133	14	102	2	19	21	6046.90	1190	21
	May 2015	265	39	189	3	33	32	6057.04	1311	32
	Jun 2015	188	34	151	4	48	101	6056.91	1309	101
	Jul 2015	45	7	52	4	52	29	6054.23	1276	29
	Aug 2015	35	1	52	3	44	27	6052.40	1254	27
	Sep 2015	33	1	47	3	24	23	6052.18	1251	23
	WY 2015	**885**	**98**	**765**	**25**	**237**	**336**			**336**
	Oct 2015	40	2	41	2	9	22	6052.93	1260	22
	Nov 2015	31	1	23	1	0	21	6053.04	1262	21
	Dec 2015	25	0	20	1	0	22	6052.87	1260	22
	Jan 2016	22	0	18	1	0	22	6052.52	1255	22
	Feb 2016	30	0	27	1	0	20	6053.00	1261	20
	Mar 2016	92	2	83	2	5	26	6057.13	1312	26
	Apr 2016	170	15	133	2	20	34	6063.21	1389	34
	May 2016	277	41	229	4	33	200	6062.55	1381	200
	Jun 2016	224	33	190	4	49	212	6056.58	1305	212
	Jul 2016	66	7	71	4	52	31	6055.26	1289	31

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2014 24-Month Study

Most Probable Inflow*

Lake Powell

	Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry Gage (1000 Ac-Ft)
*	Aug 2013	273	401	47	801	0	801	3589.64	4917	10788	815
H	Sep 2013	857	802	44	600	0	600	3591.25	4928	10934	607
	WY 2013	**5117**	**5358**	**361**	**8154**	**78**	**8232**				**8264**
I	Oct 2013	549	475	30	481	0	481	3590.88	4926	10900	483
S	Nov 2013	476	435	29	553	143	696	3587.90	4904	10631	695
T	Dec 2013	295	291	23	601	0	601	3584.43	4880	10324	595
O	Jan 2014	270	271	7	800	0	800	3578.69	4840	9828	811
R	Feb 2014	330	321	7	599	0	599	3575.55	4819	9563	604
I	Mar 2014	509	444	12	504	0	504	3574.76	4813	9497	510
C	Apr 2014	964	774	19	502	0	502	3577.56	4832	9732	512
A	May 2014	2082	1632	24	493	0	493	3589.38	4915	10764	498
L	Jun 2014	3039	2676	42	598	0	598	3609.19	5066	12649	609
*	Jul 2014	838	730	53	800	0	800	3608.05	5056	12535	814
	Aug 2014	450	578	53	800	0	800	3605.49	5036	12281	819
	Sep 2014	350	470	48	606	0	606	3603.75	5023	12112	618
	WY 2014	**10152**	**9099**	**347**	**7337**	**143**	**7480**				**7568**
	Oct 2014	450	492	33	600	0	600	3602.41	5012	11981	609
	Nov 2014	420	426	31	600	0	600	3600.43	4997	11791	610
	Dec 2014	330	435	25	800	0	800	3596.62	4968	11431	808
	Jan 2015	330	442	7	800	0	800	3592.98	4941	11092	811
	Feb 2015	370	460	8	650	0	650	3590.97	4926	10909	657
	Mar 2015	570	505	13	650	0	650	3589.35	4915	10762	656
	Apr 2015	950	755	21	600	0	600	3590.72	4925	10886	609
	May 2015	2200	1856	26	650	0	650	3602.38	5012	11978	658
	Jun 2015	2500	2122	44	800	0	800	3614.24	5107	13161	808
	Jul 2015	850	777	55	1000	0	1000	3611.72	5086	12904	1017
	Aug 2015	400	521	53	1050	0	1050	3606.34	5043	12365	1069
	Sep 2015	350	478	48	800	0	800	3602.84	5016	12023	813
	WY 2015	**9720**	**9270**	**366**	**9000**	**0**	**9000**				**9124**
	Oct 2015	464	517	33	600	0	600	3601.73	5007	11916	609
	Nov 2015	450	504	31	600	0	600	3600.50	4998	11798	610
	Dec 2015	363	483	25	800	0	800	3597.16	4972	11481	808
	Jan 2016	361	463	8	800	0	800	3593.74	4947	11162	811
	Feb 2016	393	455	8	650	0	650	3591.69	4932	10974	657
	Mar 2016	665	594	13	650	0	650	3590.98	4926	10910	656
	Apr 2016	1056	894	22	600	0	600	3593.73	4947	11162	609
	May 2016	2343	2181	27	650	0	650	3608.24	5058	12554	658
	Jun 2016	2666	2270	46	800	0	800	3621.02	5163	13872	808
	Jul 2016	1091	1011	58	1000	0	1000	3620.62	5160	13829	1017

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Managing Water in the West

August 2014 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Glen Release (1000 Ac-Ft)	Side Inflow Glen to Hoover (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Aug 2013	801	132	78	808	13.1	27	791	799	1106.13	12289
H	Sep 2013	600	155	64	599	10.1	16	590	804	1106.92	12362
	WY 2013	**8232**	**824**	**612**	**9043**		**224**	**8927**			
I	Oct 2013	481	38	47	733	11.9	19	718	786	1104.04	12099
S	Nov 2013	696	101	47	513	8.6	12	510	800	1106.36	12310
T	Dec 2013	601	43	40	558	9.1	9	556	802	1106.73	12344
O	Jan 2014	800	45	33	605	9.8	8	604	815	1108.75	12531
R	Feb 2014	599	76	31	717	12.9	8	716	810	1107.94	12456
I	Mar 2014	504	29	34	1090	17.7	13	1087	773	1101.71	11888
C	Apr 2014	502	17	41	1134	19.1	20	1130	731	1094.55	11254
A	May 2014	493	13	46	1086	17.7	30	1084	692	1087.46	10639
L	Jun 2014	598	12	54	959	16.1	29	803	665	1082.66	10233
*	Jul 2014	800	55	67	943	15.3	28	942	654	1080.60	10061
	Aug 2014	800	116	71	765	12.4	29	765	657	1081.18	10109
	Sep 2014	606	97	58	727	12.2	20	727	651	1080.03	10013
	WY 2014	**7480**	**640**	**567**	**9830**		**224**	**9642**			
	Oct 2014	600	52	42	543	8.8	22	543	654	1080.53	10055
	Nov 2014	600	52	42	639	10.7	13	639	651	1080.05	10015
	Dec 2014	800	95	37	557	9.1	6	557	669	1083.37	10292
	Jan 2015	800	75	30	626	10.2	7	626	682	1085.74	10492
	Feb 2015	650	78	28	699	12.6	8	699	682	1085.66	10485
	Mar 2015	650	68	31	1046	17.0	14	1046	659	1081.50	10136
	Apr 2015	600	80	38	1111	18.7	19	1111	629	1075.94	9677
	May 2015	650	60	43	1005	16.3	32	1005	606	1071.64	9330
	Jun 2015	800	23	51	921	15.5	30	921	596	1069.54	9163
	Jul 2015	1000	64	64	899	14.6	32	899	600	1070.36	9228
	Aug 2015	1050	116	68	830	13.5	28	830	614	1073.17	9453
	Sep 2015	800	97	56	745	12.5	19	745	619	1074.06	9525
	WY 2015	**9000**	**861**	**530**	**9620**		**231**	**9620**			
	Oct 2015	600	52	41	500	8.1	22	500	625	1075.10	9609
	Nov 2015	600	52	41	634	10.6	13	634	622	1074.69	9576
	Dec 2015	800	95	36	564	9.2	6	564	640	1078.01	9847
	Jan 2016	800	75	30	610	9.9	7	610	654	1080.60	10061
	Feb 2016	650	78	27	676	11.8	9	676	655	1080.78	10076
	Mar 2016	650	68	30	1042	16.9	14	1042	632	1076.58	9730
	Apr 2016	600	80	37	1119	18.8	20	1119	602	1070.82	9265
	May 2016	650	60	42	1007	16.4	33	1007	580	1066.40	8916
	Jun 2016	800	23	50	922	15.5	30	922	569	1064.24	8748
	Jul 2016	1000	64	62	897	14.6	33	897	573	1065.11	8815

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2175

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2014 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Aug 2013	808	-16	23	749	0	749	12.2	644.35	1736
H	Sep 2013	599	-11	18	681	0	681	11.4	640.23	1624
	WY 2013	**9043**	**-158**	**198**	**8669**	**0**	**8669**			
I	Oct 2013	733	-13	15	768	0	768	12.5	637.86	1560
S	Nov 2013	513	4	11	531	0	531	8.9	636.95	1537
T	Dec 2013	558	-10	9	470	0	470	7.6	639.57	1606
O	Jan 2014	605	-7	10	552	0	552	9.0	640.94	1643
R	Feb 2014	717	-22	10	658	0	658	11.9	641.96	1670
I	Mar 2014	1090	-12	13	1074	0	1074	17.5	641.61	1661
C	Apr 2014	1134	-21	17	1054	0	1054	17.7	643.13	1702
A	May 2014	1086	-17	22	1023	0	1022	16.6	644.01	1726
L	Jun 2014	959	-19	25	947	0	947	15.9	642.83	1694
*	Jul 2014	943	-10	25	900	0	900	14.6	643.10	1701
	Aug 2014	765	-11	23	756	0	756	12.3	642.20	1677
	Sep 2014	727	-4	18	764	0	764	12.8	640.01	1617
	WY 2014	**9830**	**-142**	**198**	**9496**	**0**	**9496**			
	Oct 2014	543	-2	15	684	0	684	11.1	634.00	1460
	Nov 2014	639	-13	10	565	0	565	9.5	636.00	1512
	Dec 2014	557	-17	9	460	0	460	7.5	638.71	1583
	Jan 2015	626	-14	10	519	0	519	8.4	641.80	1666
	Feb 2015	699	-10	10	679	0	679	12.2	641.80	1666
	Mar 2015	1046	-15	13	983	0	983	16.0	643.05	1700
	Apr 2015	1111	-17	17	1078	0	1078	18.1	643.00	1699
	May 2015	1005	-13	22	970	0	970	15.8	643.00	1699
	Jun 2015	921	-14	25	909	0	909	15.3	642.00	1671
	Jul 2015	899	-10	25	877	0	877	14.3	641.50	1658
	Aug 2015	830	-11	23	797	0	797	13.0	641.50	1658
	Sep 2015	745	-4	18	763	0	763	12.8	640.01	1617
	WY 2015	**9620**	**-141**	**197**	**9282**	**0**	**9282**			
	Oct 2015	500	-2	15	666	0	666	10.8	633.00	1434
	Nov 2015	634	-13	10	559	0	559	9.4	635.00	1486
	Dec 2015	564	-17	9	441	0	441	7.2	638.71	1583
	Jan 2016	610	-14	10	503	0	503	8.2	641.80	1666
	Feb 2016	676	-10	10	656	0	656	11.4	641.80	1666
	Mar 2016	1042	-15	13	979	0	979	15.9	643.05	1700
	Apr 2016	1119	-17	17	1086	0	1086	18.2	643.00	1699
	May 2016	1007	-13	22	972	0	972	15.8	643.00	1699
	Jun 2016	922	-14	25	910	0	910	15.3	642.00	1671
	Jul 2016	897	-10	25	875	0	875	14.2	641.50	1658

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2014 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	Aug 2013	749	37	17	552	9.0	99	95	449.22	604	109	1.8
H	Sep 2013	681	23	15	486	8.2	91	149	446.96	560	96	1.6
	WY 2013	**8669**	**246**	**141**	**6389**		**780**	**1521**			**1477**	
I	Oct 2013	768	19	12	467	7.6	99	186	447.91	578	70	1.1
S	Nov 2013	531	25	9	314	5.3	77	144	448.37	587	89	1.5
T	Dec 2013	470	7	7	285	4.6	100	138	445.37	531	99	1.6
O	Jan 2014	552	13	6	353	5.7	101	84	446.23	547	131	2.1
R	Feb 2014	658	20	8	450	8.1	48	130	448.13	582	162	2.9
I	Mar 2014	1074	-3	9	809	13.1	90	176	447.05	562	260	4.2
C	Apr 2014	1054	24	11	756	12.7	105	178	448.11	582	241	4.0
A	May 2014	1022	-3	13	694	11.3	110	184	448.48	589	115	1.9
L	Jun 2014	947	10	15	713	12.0	95	133	447.90	578	112	4.5
*	Jul 2014	900	17	17	685	11.1	105	93	448.27	585	118	1.9
	Aug 2014	756	27	17	558	9.1	108	93	448.00	580	100	1.6
	Sep 2014	764	25	15	543	9.1	105	126	447.50	571	89	1.5
	WY 2014	**9496**	**180**	**139**	**6627**		**1142**	**1665**			**1585**	
	Oct 2014	684	25	12	445	7.2	108	137	447.50	571	55	0.9
	Nov 2014	565	31	9	364	6.1	96	122	447.50	571	103	1.7
	Dec 2014	460	23	7	271	4.4	99	120	446.50	552	108	1.7
	Jan 2015	519	16	6	352	5.7	80	92	446.50	552	125	2.0
	Feb 2015	679	11	8	453	8.2	70	152	446.50	552	156	2.8
	Mar 2015	983	17	9	725	11.8	80	174	446.70	555	201	3.3
	Apr 2015	1078	21	11	798	13.4	77	167	448.70	593	212	3.6
	May 2015	970	21	13	713	11.6	80	173	448.70	593	111	1.8
	Jun 2015	909	17	16	698	11.7	77	122	448.70	593	109	1.8
	Jul 2015	877	29	17	722	11.7	80	87	448.00	580	111	1.8
	Aug 2015	797	27	17	638	10.4	80	86	447.50	571	105	1.7
	Sep 2015	763	25	15	567	9.5	77	120	447.50	571	102	1.7
	WY 2015	**9282**	**263**	**139**	**6746**		**1002**	**1553**			**1498**	
	Oct 2015	666	25	12	467	7.6	80	125	447.50	571	65	1.1
	Nov 2015	559	31	9	378	6.4	77	122	447.50	571	99	1.7
	Dec 2015	441	23	7	284	4.6	80	108	446.50	552	105	1.7
	Jan 2016	503	16	6	348	5.7	69	92	446.50	552	125	2.0
	Feb 2016	656	11	8	438	7.6	63	152	446.50	552	156	2.7
	Mar 2016	979	17	9	732	11.9	69	174	446.70	555	201	3.3
	Apr 2016	1086	21	11	816	13.7	66	167	448.70	593	212	3.6
	May 2016	972	21	13	727	11.8	69	173	448.70	593	111	1.8
	Jun 2016	910	17	16	709	11.9	66	122	448.70	593	109	1.8
	Jul 2016	875	29	17	731	11.9	69	87	448.00	580	111	1.8

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2014 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Aug 2013	808	13.1	1106.13	12289	19	461.35	1737.0	325.9	100	403.4
H	Sep 2013	599	10.1	1106.92	12362	73	464.61	1737.0	242.5	100	405.1
	WY 2013	**9043**							**3770.1**		
I	Oct 2013	733	11.9	1104.04	12099	-263	460.18	1332.0	300.5	77	410.1
S	Nov 2013	513	8.6	1106.36	12310	212	465.65	1179.0	209.8	68	408.7
T	Dec 2013	558	9.1	1106.73	12344	34	463.77	1188.0	230.3	68	412.8
O	Jan 2014	605	9.8	1108.75	12531	186	465.47	746.0	250.9	43	414.5
R	Feb 2014	717	12.9	1107.94	12456	-75	461.16	1415.0	298.2	81	415.9
I	Mar 2014	1090	17.7	1101.71	11888	-567	457.72	1234.0	451.5	71	414.3
C	Apr 2014	1134	19.1	1094.55	11254	-635	447.66	1146.0	459.8	68	405.6
A	May 2014	1086	17.7	1087.46	10639	-615	440.39	1341.0	431.0	81	397.1
L	Jun 2014	959	16.1	1082.66	10233	-406	437.98	1541.0	372.9	93	388.7
*	Jul 2014	943	15.3	1080.60	10061	-172	434.94	1615.0	363.6	100	385.7
	Aug 2014	765	12.4	1081.18	10109	49	428.30	1493.0	294.8	94	385.4
	Sep 2014	727	12.2	1080.03	10013	-96	429.03	1471.0	280.0	94	385.2
	WY 2014	**9830**							**3943.6**		
	Oct 2014	543	8.8	1080.53	10055	42	432.99	1188.0	206.8	76	380.8
	Nov 2014	639	10.7	1080.05	10015	-40	434.14	1259.0	246.3	80	385.1
	Dec 2014	557	9.1	1083.37	10292	277	434.71	1168.0	213.7	74	383.9
	Jan 2015	626	10.2	1085.74	10492	200	437.35	925.0	247.8	58	396.1
	Feb 2015	699	12.6	1085.66	10485	-7	437.08	982.0	280.2	62	400.7
	Mar 2015	1046	17.0	1081.50	10136	-350	433.51	1121.0	415.4	71	397.3
	Apr 2015	1111	18.7	1075.94	9677	-458	427.83	1163.0	439.4	76	395.5
	May 2015	1005	16.3	1071.64	9330	-347	422.26	1241.0	382.5	82	380.7
	Jun 2015	921	15.5	1069.54	9163	-167	417.52	1498.0	346.4	100	376.2
	Jul 2015	899	14.6	1070.36	9228	65	417.38	1501.0	335.6	100	373.4
	Aug 2015	830	13.5	1073.17	9453	225	419.34	1516.0	315.5	100	380.1
	Sep 2015	745	12.5	1074.06	9525	72	421.66	1525.0	282.4	100	379.1
	WY 2015	**9620**							**3712.0**		
	Oct 2015	500	8.1	1075.10	9609	84	426.82	1226.0	191.5	80	383.4
	Nov 2015	634	10.6	1074.69	9576	-33	429.17	1263.0	240.9	83	380.1
	Dec 2015	564	9.2	1078.01	9847	271	428.90	1260.0	213.8	81	378.8
	Jan 2016	610	9.9	1080.60	10061	214	432.13	909.9	238.3	58	390.4
	Feb 2016	676	11.8	1080.78	10076	15	432.10	967.8	265.7	62	392.9
	Mar 2016	1042	16.9	1076.58	9730	-346	428.65	1104.7	409.0	71	392.6
	Apr 2016	1119	18.8	1070.82	9265	-465	422.85	1146.1	437.4	76	391.0
	May 2016	1007	16.4	1066.40	8916	-349	417.12	1223.5	378.7	82	376.0
	Jun 2016	922	15.5	1064.24	8748	-168	412.31	1477.6	342.2	100	371.4
	Jul 2016	897	14.6	1065.11	8815	67	412.16	1482.5	330.6	100	368.5

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2014 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Aug 2013	749	12.2	644.35	1736	19	143.01	255.0	92.1	100	122.9
H	Sep 2013	681	11.4	640.23	1624	-112	138.83	255.0	89.1	100	130.8
	WY 2013	**8669**							**1092.0**		
I	Oct 2013	768	12.5	637.86	1560	-63	136.18	196.4	94.7	77	123.3
S	Nov 2013	531	8.9	636.95	1537	-24	137.13	158.1	61.5	62	115.9
T	Dec 2013	470	7.6	639.57	1606	69	136.36	173.4	59.4	68	126.5
O	Jan 2014	552	9.0	640.94	1643	37	139.11	163.2	68.9	64	124.9
R	Feb 2014	658	11.9	641.96	1670	28	138.63	173.4	84.5	68	128.3
I	Mar 2014	1074	17.5	641.61	1661	-10	138.63	252.5	134.6	99	125.3
C	Apr 2014	1054	17.7	643.13	1702	42	141.55	255.0	132.2	100	125.4
A	May 2014	1023	16.6	644.01	1726	24	143.52	255.0	127.7	100	124.9
L	Jun 2014	947	15.9	642.83	1694	-32	141.57	255.0	119.3	100	126.0
*	Jul 2014	900	14.6	643.10	1701	7	143.48	244.8	112.8	96	125.4
	Aug 2014	756	12.3	642.20	1677	-24	135.74	252.5	95.1	99	125.8
	Sep 2014	764	12.8	640.01	1617	-59	134.05	255.0	94.9	100	124.3
	WY 2014	**9496**							**1185.7**		
	Oct 2014	684	11.1	634.00	1460	-157	131.46	196.4	82.9	77	121.2
	Nov 2014	565	9.5	636.00	1512	52	130.66	158.1	67.8	62	120.0
	Dec 2014	460	7.5	638.71	1583	71	132.59	173.4	56.5	68	122.9
	Jan 2015	519	8.4	641.80	1666	83	135.97	163.2	64.9	64	125.1
	Feb 2015	679	12.2	641.80	1666	0	137.17	173.4	85.0	68	125.1
	Mar 2015	983	16.0	643.05	1700	34	135.44	255.0	122.3	100	124.5
	Apr 2015	1078	18.1	643.00	1699	-2	136.07	255.0	134.1	100	124.4
	May 2015	970	15.8	643.00	1699	0	136.04	255.0	121.3	100	125.0
	Jun 2015	909	15.3	642.00	1671	-27	135.51	255.0	113.3	100	124.7
	Jul 2015	877	14.3	641.50	1658	-14	134.73	255.0	109.0	100	124.4
	Aug 2015	797	13.0	641.50	1658	0	134.46	255.0	99.2	100	124.6
	Sep 2015	763	12.8	640.01	1617	-40	133.68	255.0	94.5	100	124.0
	WY 2015	**9282**							**1150.9**		
	Oct 2015	666	10.8	633.00	1434	-183	130.93	196.4	80.4	77	120.8
	Nov 2015	559	9.4	635.00	1486	51	129.62	158.1	66.6	62	119.1
	Dec 2015	441	7.2	638.71	1583	97	132.06	173.4	54.1	68	122.6
	Jan 2016	503	8.2	641.80	1666	83	135.97	163.2	63.0	64	125.2
	Feb 2016	656	11.4	641.80	1666	0	137.17	173.4	82.3	68	125.4
	Mar 2016	979	15.9	643.05	1700	34	135.44	255.0	121.9	100	124.5
	Apr 2016	1086	18.2	643.00	1699	-2	136.07	255.0	135.0	100	124.3
	May 2016	972	15.8	643.00	1699	0	136.04	255.0	121.6	100	125.0
	Jun 2016	910	15.3	642.00	1671	-27	135.51	255.0	113.5	100	124.7
	Jul 2016	875	14.2	641.50	1658	-14	134.73	255.0	108.8	100	124.4

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2014 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Aug 2013	552	9.0	449.22	604	14	82.71	120.0	37.0	100	67.0
H	Sep 2013	486	8.2	446.96	560	-43	80.66	120.0	34.5	100	71.0
	WY 2013	**6389**							**439.1**		
I	Oct 2013	467	7.6	447.91	578	18	83.28	96.0	31.7	80	67.9
S	Nov 2013	314	5.3	448.37	587	9	82.63	92.4	22.1	77	70.5
T	Dec 2013	285	4.6	445.37	531	-56	80.69	91.2	19.0	76	66.8
O	Jan 2014	353	5.7	446.23	547	16	80.02	90.0	24.2	75	68.4
R	Feb 2014	450	8.1	448.13	582	35	82.38	92.4	31.2	77	69.4
I	Mar 2014	809	13.1	447.05	562	-20	77.18	106.8	55.4	89	68.5
C	Apr 2014	756	12.7	448.11	582	20	80.82	120.0	52.3	100	69.1
A	May 2014	694	11.3	448.48	589	7	80.45	106.8	49.2	89	70.8
L	Jun 2014	713	12.0	447.90	578	-11	81.61	120.0	49.8	100	69.8
*	Jul 2014	685	11.1	448.27	585	7	82.46	120.0	47.9	100	70.0
	Aug 2014	558	9.1	448.00	580	-5	75.50	120.0	36.6	100	65.6
	Sep 2014	543	9.1	447.50	571	-9	75.13	120.0	35.5	100	65.3
	WY 2014	**6626**							**454.8**		
	Oct 2014	445	7.2	447.50	571	0	75.69	102.0	29.0	85	65.2
	Nov 2014	364	6.1	447.50	571	0	75.69	102.0	23.5	85	64.6
	Dec 2014	271	4.4	446.50	552	-19	75.20	102.0	17.1	85	62.9
	Jan 2015	352	5.7	446.50	552	0	74.71	102.0	22.5	85	63.8
	Feb 2015	453	8.2	446.50	552	0	73.92	120.0	29.1	100	64.2
	Mar 2015	725	11.8	446.70	555	4	74.01	120.0	47.1	100	65.0
	Apr 2015	798	13.4	448.70	593	38	75.08	120.0	52.7	100	66.0
	May 2015	713	11.6	448.70	593	0	76.05	120.0	47.5	100	66.5
	Jun 2015	698	11.7	448.70	593	0	76.05	120.0	46.4	100	66.5
	Jul 2015	722	11.7	448.00	580	-13	75.71	120.0	47.8	100	66.3
	Aug 2015	638	10.4	447.50	571	-9	75.13	120.0	41.9	100	65.6
	Sep 2015	567	9.5	447.50	571	0	74.89	120.0	37.0	100	65.2
	WY 2015	**6746**							**441.5**		
	Oct 2015	467	7.6	447.50	571	0	75.69	102.0	30.5	85	65.4
	Nov 2015	378	6.4	447.50	571	0	75.69	102.0	24.5	85	64.8
	Dec 2015	284	4.6	446.50	552	-19	75.20	102.0	18.0	85	63.2
	Jan 2016	348	5.7	446.50	552	0	74.71	102.0	22.2	85	63.7
	Feb 2016	438	7.6	446.50	552	0	73.92	120.0	28.0	100	64.0
	Mar 2016	732	11.9	446.70	555	4	74.01	120.0	47.6	100	65.0
	Apr 2016	816	13.7	448.70	593	38	75.08	120.0	53.9	100	66.1
	May 2016	727	11.8	448.70	593	0	76.05	120.0	48.4	100	66.5
	Jun 2016	709	11.9	448.70	593	0	76.05	120.0	47.2	100	66.6
	Jul 2016	731	11.9	448.00	580	-13	75.71	120.0	48.4	100	66.3

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2175

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2014 24-Month Study

Most Probable Inflow*

Upper Basin Power

	Date	Glen Canyon 1000 MWHR	Flaming Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Reservoir 1000 MWHR	Fontenelle Reservoir 1000 MWHR
*	Aug 2013	338	26	23	31	18	3
H	Sep 2013	253	25	17	24	14	3
	Summer 2013	**1789**	**173**	**108**	**153**	**90**	**19**
I	Oct 2013	202	19	12	16	10	1
S	Nov 2013	231	18	3	0	1	4
T	Dec 2013	253	19	3	0	1	5
O	Jan 2014	337	19	3	0	0	4
R	Feb 2014	247	17	3	4	0	4
I	Mar 2014	207	19	6	8	4	4
	Winter 2014	**1477**	**110**	**30**	**28**	**17**	**22**
C	Apr 2014	206	19	7	13	9	5
A	May 2014	204	20	19	32	17	6
L	Jun 2014	260	80	54	103	21	7
*	Jul 2014	354	41	35	29	22	8
	Aug 2014	321	45	30	36	18	9
	Sep 2014	242	43	23	29	15	3
	Summer 2014	**1586**	**250**	**168**	**242**	**102**	**39**
	Oct 2014	239	32	17	21	11	7
	Nov 2014	238	31	9	12	6	7
	Dec 2014	315	45	18	22	11	7
	Jan 2015	312	45	17	22	12	6
	Feb 2015	253	40	16	21	10	5
	Mar 2015	251	21	13	18	10	5
	Winter 2015	**1609**	**213**	**90**	**116**	**61**	**38**
	Apr 2015	231	20	10	16	10	5
	May 2015	254	41	34	49	23	6
	Jun 2015	320	57	15	24	17	9
	Jul 2015	404	34	27	33	18	10
	Aug 2015	421	34	37	43	22	9
	Sep 2015	320	33	34	41	21	3
	Summer 2015	**1951**	**219**	**156**	**206**	**110**	**41**
	Oct 2015	237	34	18	23	12	6
	Nov 2015	237	33	16	20	10	6
	Dec 2015	314	34	27	33	17	6
	Jan 2016	312	34	21	27	14	5
	Feb 2016	252	32	15	19	10	4
	Mar 2016	251	34	9	13	7	5
	Winter 2016	**1352**	**168**	**97**	**122**	**63**	**27**
	Apr 2016	232	40	12	19	11	5
	May 2016	256	69	34	51	23	7
	Jun 2016	325	39	23	35	22	8
	Jul 2016	411	41	35	43	23	9

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2175

Processed On: 8/11/2014 3:00:52PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2014 24-Month Study

Most Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions

Date	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Total KAF	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****CREDITABLE SPACE****										
Aug 2014	454	167	561	11787	12969	17316	30286	454	167	561	1182	11787	17316	30286	1500	765	0	30.2
Sep 2014	501	197	600	12041	13339	17268	30607	501	197	600	1298	12041	17268	30607	2270	727	0	29.7
Oct 2014	571	228	612	12210	13621	17364	30984	571	228	612	1410	12210	17364	30984	3040	543	0	29.4
Nov 2014	607	241	605	12341	13794	17322	31116	607	241	605	1453	12341	17322	31116	3810	639	0	29.2
Dec 2014	635	239	597	12531	14001	17362	31362	635	239	597	1470	12531	17362	31362	4580	557	0	29.1
Jan 2015	716	269	594	12891	14470	17085	31555	716	269	594	1579	12891	17085	31555	5350	626	0	28.9
								****EFFECTIVE SPACE****										
Jan 2015	716	269	594	12891	14470	17085	31555	338	269	348	956	12891	17085	30931	5350	626	0	28.9
Feb 2015	794	301	599	13230	14924	16885	31809	415	301	352	1069	13230	16885	31184	1500	699	0	28.6
Mar 2015	858	330	597	13413	15199	16892	32091	479	330	349	1158	13413	16892	31463	1500	1046	0	28.2
Apr 2015	824	341	566	13560	15291	17241	32532	438	341	312	1091	13560	17241	31892	1500	1111	0	28.1
May 2015	754	305	506	13436	15002	17700	32701	360	305	231	896	13436	17700	32032	1500	1005	0	29.1
Jun 2015	674	228	385	12344	13632	18047	31678	271	217	74	563	12344	18047	30953	1500	921	0	30.5
Jul 2015	524	42	387	11161	12114	18214	30329	106	10	24	140	11161	18214	29515	1500	899	0	30.3
								****CREDITABLE SPACE****										
Aug 2015	436	27	420	11418	12301	18149	30450	436	27	420	883	11418	18149	30450	1500	830	0	29.9
Sep 2015	467	83	442	11957	12949	17924	30873	467	83	442	992	11957	17924	30873	2270	745	0	29.4
Oct 2015	523	145	445	12299	13412	17852	31264	523	145	445	1113	12299	17852	31264	3040	500	0	29.2
Nov 2015	571	165	436	12406	13577	17768	31345	571	165	436	1171	12406	17768	31345	3810	634	0	29.0
Dec 2015	616	184	434	12524	13759	17801	31560	616	184	434	1235	12524	17801	31560	4580	564	0	28.9
Jan 2016	677	248	436	12841	14202	17530	31732	677	248	436	1361	12841	17530	31732	5350	610	0	28.8
								****EFFECTIVE SPACE****										
Jan 2016	677	248	436	12841	14202	17530	31732	374	248	207	829	12841	17530	31199	5350	610	0	28.8
Feb 2016	732	295	441	13160	14627	17316	31943	427	295	210	933	13160	17316	31408	1500	676	0	28.6
Mar 2016	777	322	435	13348	14881	17301	32182	470	322	203	996	13348	17301	31644	1500	1042	0	28.2
Apr 2016	773	317	384	13412	14886	17647	32533	462	317	146	925	13412	17647	31984	1500	1119	0	28.2
May 2016	754	285	307	13160	14506	18112	32618	437	285	46	769	13160	18112	32041	1500	1007	0	29.4
Jun 2016	707	195	315	11768	12986	18461	31448	382	189	18	589	11768	18461	30819	1500	922	0	30.9
Jul 2016	445	32	391	10450	11318	18629	29947	99	4	41	144	10450	18629	29224	1500	897	0	30.9

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2175

Processed On: 8/11/2014 3:00:52PM

September 24-Month Study
Date: September 11, 2014

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

Reservoir	August Inflow (unregulated) (acre-feet)	Percent of Average (%)	September 8 Midnight Elevation (feet)	Reservoir Storage (acre-feet)
Fontenelle	98,000	128	6503.60	326,000
Flaming Gorge	126,000	142	6028.39	3,287,000
Blue Mesa	64,000	101	7494.60	618,000
Navajo	15,800	35	6036.33	1,074,000
Powell	517,000	103	3605.70	12,302,000

Expected Operations

The operation of Lake Powell and Lake Mead in this September 2014 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines), and reflects the 2014 Annual Operating Plan (AOP). Pursuant to the Interim Guidelines, the August 2013 24-Month Study projections of the January 1, 2014, system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2014.

Consistent with Section 6.C.1 of the Interim Guidelines, the Lake Powell operational tier for water year 2014 is the Mid-Elevation Release Tier with an annual release volume of 7.48 maf.

Consistent with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar year 2014.

The August 2014 24-Month study projected the January 1, 2015 Lake Powell elevation to be 3,596.62 feet, which is below the 2015 Equalization Elevation of 3,649 feet and above elevation 3,575 feet. Consistent with Section 6.B of the Interim Guidelines, Lake Powell's operations in water year 2015 will be governed by the Upper Elevation

Balancing Tier, with an initial water year release volume of 8.23 maf and the potential for an April adjustment to equalization or balancing releases in April 2015.

This September 2014 24-Month Study projects that, consistent with Section 6.B.4 of the Interim Guidelines, an April adjustment to balancing releases is likely to occur and Lake Powell is currently projected to release 9.0 maf in water year 2015.

Consistent with the August 2014 24-Month Study and with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar year 2015.

The tier determinations will be documented in the 2015 AOP, which is currently in the final stages of development.

The Interim Guidelines are available for download at:
http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The 2014 AOP is available for download at:
http://www.usbr.gov/lc/region/g4000/aop/AOP14.pdf.

Fontenelle Reservoir – Inflows to Fontenelle Reservoir for the month of August were 98,000 acre-feet (AF), or 128 percent of average. The reservoir elevation is 6503.6 feet, 96 percent of live capacity. Inflows are averaging 1,100 cubic feet per second (cfs). Fontenelle releases are currently at 1,750 cfs.

Inflows for the next three months are projected to be above average: with September, October and November forecasted inflow volumes at 62,000 AF (135% of average), 58,000 AF (119% of average), and 51,000 AF (121% of average), respectively.

The next Fontenelle Working Group meeting is scheduled for April 22, 2015, at 10:00 am at Seedskadee Wildlife Refuge in Green River, Wyoming. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir.

Flaming Gorge Reservoir – Unregulated inflow into Flaming Gorge Reservoir during the month of August was 126,000 acre-feet (AF), or 142 percent of average. The reservoir elevation is 6,028.3 feet. Observed inflows are averaging 1,500 cubic feet per second (cfs).

Flaming Gorge releases are currently 2,000 cfs average daily release with hourly fluctuations for hydropower. The base flow target is to maintain 2,400 cfs on the Green River measured at Jensen, UT.

Inflows for the next three months are projected to be above average: with September, October and November forecasted inflow volumes at 72,000 AF (131% of average), 66,000 AF (112% of average), and 62,000 AF (121% of average), respectively. The

August observed forecast of the April-July unregulated inflow volume into Flaming Gorge Reservoir is 1,159,000 AF (118% of average).

The next Flaming Gorge Working Group meeting is scheduled for April 23, 2015, at 11:00 a.m. to be held in the Utah Department of Natural Resources building in Vernal, Utah. The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stake holders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations and plans presented by Reclamation at these meetings. Meeting notes from past Working Group meetings are posted on the Working Group webpage. For more information on this group and these meetings please contact Heather Patno at 801-524-3883.

Aspinall Unit Reservoirs – August unregulated inflow into Blue Mesa Reservoir was 64,000 acre-feet or 101 percent of average. Hydrologic conditions continue to improve across the basin with above average precipitation for the month. June, July, August precipitation was 20, 110, and 135 percent of average respectively. The current inflow rate into Blue Mesa Reservoir is about 800 cfs while reservoir releases are averaging about 1,300 cfs.

Blue Mesa's present elevation is 7494.60 feet, which corresponds to a storage content of about 618,000 acre-feet. The observed April through July runoff into Blue Mesa Reservoir was recorded at 849,000 acre-feet, or 126 percent of average. The reservoir reached a high elevation of 7505.06 feet on June 6, 2014, which was approximately 14.4 feet below "full" pool. Full pool is defined by the top of the spillway gates at elevation 7519.4 feet. Rarely is the reservoir filled to that level due to safety. For practical purposes; the reservoir is considered full at elevations above 7516.4 feet.

Releases from Crystal are currently set at 1450 cfs. The Gunnison Diversion Tunnel is diverting about 1050 cfs, which results in a river flow below the diversion tunnel of approximately 400 cfs. These rates will most likely change as conditions warrant, primarily as we respond to changes at the Whitewater gage as flows prescribed in the Aspinall Unit Operations Record of Decision (ROD). The ROD calls for keeping base flows at the Whitewater gage at or above 1050 cfs during September through April.

The last meeting of the "Aspinall Unit Working Group" was held on Thursday, September 4, 2014 at the Elk Creek Visitors Center at Blue Mesa Reservoir. At this meeting, review of this spring's reservoir operations, and plans for this summer and fall operations were discussed. These meetings are open forum discussions on the Aspinall Unit reservoir operations with many interested groups participating. Anyone needing further information about these meetings should contact Erik Knight in the Grand Junction Area Office at (970) 248-0629.

Navajo Reservoir – Reclamation has been releasing 650 cfs from Navajo Reservoir since September 2nd, 2014. Releases are made for the authorized purposes of the Navajo Unit, and to attempt to maintain a target base flow through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell). The San Juan River Basin

Recovery Implementation Program recommends a target base flow of between 500 cfs and 1,000 cfs through the critical habitat area. The target base flow is calculated as the weekly average of gaged flows throughout the critical habitat area.

Navajo was at 6037.7 ft of pool elevation and 1,088,371 acre-ft of storage by the end of August, which was 78% of average for the end of the month. Observed inflow into Navajo was 33,660 af, (modified-unregulated inflow volume of 15,800 af) which was 54% of average for August. Calculated evaporation for the month was 3,052 acre-ft. Navajo's releases varied between 550 cfs and 750cfs, taking advantage of rainstorms when possible to save water. Over the month, the released averaged out at 700 cfs. Navajo Reservoir recorded 1.40 inches of liquid precipitation (74% of average). NIIP diverted a total of 36,695 and has diverted a total of 176,910 af since the beginning of the year. Total April-July modified-unregulated inflow into Navajo was 428,086 af (58% of average).

As of September 2nd, the release at Navajo (as measured at the USGS at Archuleta gage) was 558 cfs, and the observed inflow was 351 cfs. NIIP was diverting 606 cfs. The reservoir elevation is 6037.40 ft and the content is 1,084,973 acre-ft, or 64% full (41% of Active). The San Juan River at Four Corners USGS gage is at 484 cfs, and the Animas River at Farmington USGS gage is at 173 cfs. The release at Navajo was increased to 650cfs at 11pm on September 2nd.

The most probable modified-unregulated inflow forecast for September at Navajo is 17,000 acre-ft (39% of average), for October is 25,000 acre-ft (53% of average), and for November is 25,000 acre-ft (75% of average). The reservoir is forecast to reach a minimum overwinter storage level of:

- Minimum Probable: 6024 ft/954,027 af
- Most Probable: 6035 ft/1,056,731 af
- Max Probable: 6037 ft/1,075,809 af

Reclamation and SJRIP agreed to forego a spring peak release for 2014 in the interests of recovering the reservoir and reducing the risk of a shortage. The release will continue to be that which is required to maintain the target base flows downstream. The last public operations meeting was held on August 26th at the Farmington Civic Center. Meeting notes are available on the USBR website. The next operations meeting is scheduled for Tuesday, January 20th 2015.

Glen Canyon Dam / Lake Powell

Current Status

The unregulated inflow volume to Lake Powell in August was 517 thousand acre-feet (kaf) (103% of average). The release volume from Glen Canyon Dam in August was 801 kaf. The end of August elevation and storage of Lake Powell were 3,605.8 feet (94 feet from full pool) and 12.31 million acre-feet (maf) (51% of full capacity), respectively. The reservoir elevation reached it seasonal peak of 3,609.7 feet on July 7, 2014 and is

now declining. The reservoir elevation is expected to continue to decline until spring 2015. The April to July unregulated inflow volume to Lake Powell was 6,923 kaf (97% of average).

Current Operations

The operating tier for water year 2014 is the Mid-Elevation Release Tier with an annual release volume of 7.48 maf, as established in August 2013 and pursuant to the Interim Guidelines, Section 6.C.1. Reclamation will schedule operations at Glen Canyon Dam to achieve as practicably as possible a 7.48 maf annual release by September 30, 2014. In September, the release volume will be approximately 600 kaf, with fluctuations between about 6,500 cfs in the nighttime to about 12,500 cfs in the daytime and consistent with the Glen Canyon Operating Criteria (Federal Register, Volume 62, No. 41, March 3, 1997). In October, the release volume will likely be approximately 600 kaf with daily fluctuations between about 7,000 cfs and 13,000 cfs. The anticipated release volume for November is about 600 kaf with fluctuations between approximately 7,000 cfs and 13,000 cfs.

In addition to daily scheduled fluctuations for power generation, the instantaneous releases from Glen Canyon Dam may also fluctuate to provide 40 MW of system regulation. These instantaneous release adjustments stabilize the electrical generation and transmission system and translate to a range of about 1,200 cfs above or below the hourly scheduled release rate. Under system normal conditions, fluctuations for regulation are typically short lived and generally balance out over the hour with minimal or no noticeable impacts on downstream river flow conditions.

Releases from Glen Canyon Dam can also fluctuate beyond scheduled releases when called upon to respond to unscheduled power outages or power system emergencies. Depending on the severity of the system emergency, the response from Glen Canyon Dam can be significant, within the full range of the operating capacity of the power plant for as long as is necessary to maintain balance in the transmission system. Glen Canyon Dam typically maintains 41MW (approximately 1,200 cfs) of generation capacity in reserve in order to respond to a system emergency even when generation rates are already high. System emergencies occur fairly infrequently and typically require small responses from Glen Canyon Dam. However, these responses can have a noticeable impact on the river downstream of Glen Canyon Dam.

Inflow Forecasts and Model Projections

The forecast for water year 2014 unregulated inflow to Lake Powell, issued on September 1, 2014, by the Colorado Basin River Forecast Center, projects that the most probable (median) unregulated inflow volume will be 10.27 maf (95% of average based on the period 1981-2010). The April to July unregulated inflow volume was 6,923 kaf (97% of average).

Based on the current forecast, the September 24-Month study projects Lake Powell elevation will end the water year near 3,605 feet with approximately 12.19 maf in storage (50% capacity). Note that projections of elevation and storage have uncertainty,

primarily due to uncertainty regarding the inflow to Lake Powell. The annual release volume from Lake Powell during water year 2014 is projected to be 7.48 maf under all inflow scenarios.

Consistent with Section 6.C.1 of the Interim Guidelines, the Lake Powell operational tier for water year 2014 is the Mid-Elevation Release Tier with an annual release volume of 7.48 maf. This was determined in the August 2013 24-Month Study and documented in the 2014 Annual Operating Plan signed by Secretary Jewell in December 2013.

The August 2014 24-Month study projected the January 1, 2015 Lake Powell elevation will be below the 2015 Equalization Elevation feet and above elevation 3,575 feet. Therefore, consistent with Section 6.B of the Interim Guidelines, Lake Powell's operations in water year 2015 will be governed by the Upper Elevation Balancing Tier, with an initial water year release volume of 8.23 maf and the potential for an April adjustment to equalization or balancing releases in April 2015. An April adjustment to balancing releases is projected to occur and Lake Powell is currently projected to release 9.0 maf in water year 2015. This determination will be documented in the 2015 AOP, which is currently in the final stages of development.

Upper Colorado River Basin Hydrology

The Upper Colorado River Basin regularly experiences significant year to year hydrologic variability. During the 14-year period 2000 to 2013, however, the unregulated inflow to Lake Powell, which is a good measure of hydrologic conditions in the Colorado River Basin, was above average in only 3 out of the past 14 years. The period 2000-2013 is the lowest 14-year period since the closure of Glen Canyon Dam in 1963, with an average unregulated inflow of 8.25 maf, or 76% of the 30-year average (1981-2010). (For comparison, the 1981-2010 total water year average is 10.83 maf.) The unregulated inflow during the 2000-2013 period has ranged from a low of 2.64 maf (24% of average) in water year 2002 to a high of 15.97 maf (147% of average) in water year 2011. Under the current most probable forecast, total water year 2014 unregulated inflows to Lake Powell is projected to be 10.27 maf (95% of average).

At the beginning of water year 2014, total system storage in the Colorado River Basin was 29.9 maf (50% of 59.6 maf total system capacity). This is about 4 maf less than the total storage at the beginning of water year 2013 which began at 34.0 maf (57% of capacity). Since the beginning of water year 2000, total Colorado Basin storage has experienced year to year increases and decreases in response to wet and dry hydrology, ranging from a high of 94% of capacity at the beginning of 2000 to a low of 50% of capacity at the beginning of water year 2014. One wet year can significantly increase total system reservoir storage, just as persistent dry years can draw down the system storage. Based on current inflow forecasts, the current projected end of water year 2014 total Colorado Basin reservoir storage is approximately 29.8 maf (50% of capacity). The actual end of water year storage may vary from this projection, primarily due to uncertainty regarding inflow to Lake Powell.

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-430
125 SOUTH STATE STREET, ROOM 6107
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-3709

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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:	Obs			aug	Forecast			Observed	
:	may	jun	jul	aug	%Avg	sep	oct	nov	apr-jul	%Avg
GLDA3:Lake Powell	2082	3039	838	517	103%:	400/	480/	420/	6923/:	97%
GBRW4:Fontenelle	272	427	220	98	128%:	62/	58/	51/	1020/:	141%
GRNU1:Flaming Gorge	333	472	226	126	142%:	72/	66/	62/	1159/:	118%
BMDC2:Blue Mesa	242	361	117	64	101%:	40/	40/	32/	849/:	126%
MPSC2:Morrow Point	268	379	120	64	96%:	43/	43/	34/	910/:	123%
CLSC2:Crystal	297	414	130	69	92%:	49/	49/	39/	995/:	119%
TPIC2:Taylor Park	30	49	18.6	9.5	92%:	6.8/	6.5/	5/	110/:	111%
VCRC2:Vallecito	59	47	15.4	13.8	70%:	11/	10/	7/	149/:	77%
NVRN5:Navajo	176	116	14.0	15.8	35%:	17/	25/	25/	429/:	58%
LEMC2:Lemon	17.1	9.7	3.3	3.9	79%:	2.2/	1.7/	1/	38/:	69%
MPHC2:McPhee	77	44	9.5	M	M%:	7/	5.8/	5/	174/:	59%
RBSC2:Ridgway	23	42	17.9	11.5	78%:	7.5/	6.5/	5/	94/:	93%

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2014 24-Month Study

Most Probable Inflow*

Fontenelle Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Sep 2013	47	2	42	0	42	6490.87	233
	WY 2013	**575**	**14**	**534**	**57**	**591**		
H	Oct 2013	53	1	19	24	43	6492.11	241
I	Nov 2013	41	1	51	4	55	6489.91	226
S	Dec 2013	30	1	61	0	61	6485.02	195
T	Jan 2014	29	1	61	0	61	6479.35	163
O	Feb 2014	29	0	55	0	55	6474.06	136
R	Mar 2014	56	0	71	0	71	6470.70	121
I	Apr 2014	101	1	83	1	84	6474.33	138
C	May 2014	272	1	96	126	222	6483.58	186
A	Jun 2014	427	2	104	254	364	6492.90	247
L	Jul 2014	220	3	90	1	117	6506.25	347
*	Aug 2014	98	2	100	1	108	6504.71	335
	Sep 2014	62	2	36	56	92	6500.57	303
	WY 2014	**1417**	**15**	**825**	**468**	**1333**		
	Oct 2014	58	1	80	0	80	6497.47	280
	Nov 2014	51	1	77	0	77	6493.68	253
	Dec 2014	40	1	80	0	80	6487.59	212
	Jan 2015	37	1	80	0	80	6480.38	169
	Feb 2015	33	0	72	0	72	6472.32	129
	Mar 2015	53	0	80	0	80	6465.75	102
	Apr 2015	82	1	77	0	77	6466.79	106
	May 2015	160	1	80	0	80	6483.17	185
	Jun 2015	300	2	102	97	199	6497.89	283
	Jul 2015	185	3	102	21	123	6505.62	343
	Aug 2015	69	2	92	0	92	6502.37	317
	Sep 2015	42	2	37	30	67	6498.85	290
	WY 2015	**1110**	**15**	**960**	**148**	**1108**		
	Oct 2015	46	1	69	0	69	6495.49	266
	Nov 2015	41	1	67	0	67	6491.67	239
	Dec 2015	32	1	69	0	69	6485.87	201
	Jan 2016	30	1	69	0	69	6479.08	162
	Feb 2016	28	0	62	0	62	6471.72	127
	Mar 2016	53	0	69	0	69	6467.69	110
	Apr 2016	85	1	77	0	77	6469.60	117
	May 2016	164	1	99	5	104	6481.68	176
	Jun 2016	299	2	102	105	207	6495.59	267
	Jul 2016	178	3	96	0	96	6505.92	345
	Aug 2016	77	2	92	0	92	6503.65	327

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2014 24-Month Study

Most Probable Inflow*

Flaming Gorge Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	Sep 2013	67	62	10	66	0	66	113	6015.33	2818	95
	WY 2013	**657**	**673**	**73**	**818**	**3**	**821**				**1744**
H	Oct 2013	68	58	6	51	0	51	113	6015.35	2819	108
I	Nov 2013	41	55	3	48	0	48	114	6015.47	2823	92
S	Dec 2013	32	62	2	49	0	49	114	6015.79	2834	66
T	Jan 2014	33	65	2	49	0	49	115	6016.19	2847	77
O	Feb 2014	46	71	2	45	0	45	116	6016.89	2871	88
R	Mar 2014	86	100	3	49	1	50	117	6018.21	2917	123
I	Apr 2014	128	111	5	50	0	50	120	6019.75	2971	306
C	May 2014	333	283	8	53	0	53	128	6025.67	3185	594
A	Jun 2014	472	409	10	208	85	293	132	6028.39	3287	775
L	Jul 2014	226	123	13	105	0	105	132	6028.51	3292	208
*	Aug 2014	126	136	13	122	0	122	132	6028.53	3293	190
	Sep 2014	72	102	11	119	0	119	131	6027.82	3266	119
	WY 2014	**1662**	**1578**	**77**	**948**	**86**	**1035**				**2748**
	Oct 2014	66	88	7	89	0	89	131	6027.61	3258	89
	Nov 2014	62	88	3	84	0	84	131	6027.64	3259	84
	Dec 2014	42	82	2	123	0	123	129	6026.55	3218	123
	Jan 2015	46	89	2	123	0	123	128	6025.63	3184	123
	Feb 2015	48	87	2	111	0	111	127	6024.96	3159	111
	Mar 2015	97	124	3	91	0	91	128	6025.74	3188	91
	Apr 2015	135	130	5	88	0	88	130	6026.71	3224	88
	May 2015	240	160	8	136	0	136	130	6027.12	3239	136
	Jun 2015	360	259	10	198	0	198	132	6028.42	3288	198
	Jul 2015	210	148	14	94	0	94	134	6029.44	3327	94
	Aug 2015	77	100	13	94	0	94	134	6029.28	3321	94
	Sep 2015	47	72	11	91	0	91	132	6028.53	3293	91
	WY 2015	**1430**	**1428**	**80**	**1321**	**0**	**1321**				**1321**
	Oct 2015	53	77	7	94	0	94	132	6027.91	3269	94
	Nov 2015	49	75	3	91	0	91	131	6027.41	3250	91
	Dec 2015	35	72	2	94	0	94	130	6026.81	3228	94
	Jan 2016	40	79	2	94	0	94	129	6026.39	3212	94
	Feb 2016	45	79	2	88	0	88	129	6026.12	3202	88
	Mar 2016	102	119	3	94	0	94	130	6026.69	3223	94
	Apr 2016	134	125	5	109	0	109	130	6026.99	3234	109
	May 2016	245	185	8	190	0	190	130	6026.66	3222	190
	Jun 2016	390	297	10	107	0	107	137	6031.18	3395	107
	Jul 2016	210	129	14	111	0	111	137	6031.29	3399	111
	Aug 2016	89	104	13	111	0	111	136	6030.82	3381	111

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Managing Water in the West

September 2014 24-Month Study

Most Probable Inflow*

Taylor Park Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Sep 2013	8	12	9309.95	70
	WY 2013	**97**	**83**		
H	Oct 2013	7	6	9310.82	71
I	Nov 2013	5	5	9310.99	71
S	Dec 2013	5	5	9310.93	71
T	Jan 2014	5	5	9310.93	71
O	Feb 2014	4	4	9311.08	72
R	Mar 2014	5	5	9310.72	71
I	Apr 2014	12	13	9310.23	70
C	May 2014	31	27	9312.59	74
A	Jun 2014	49	28	9324.29	95
L	Jul 2014	19	25	9320.83	88
*	Aug 2014	12	19	9316.50	81
	Sep 2014	7	14	9312.24	74
	WY 2014	**158**	**155**		
	Oct 2014	7	8	9311.32	72
	Nov 2014	5	6	9310.70	71
	Dec 2014	4	5	9310.07	70
	Jan 2015	4	5	9309.44	69
	Feb 2015	4	5	9308.49	68
	Mar 2015	4	5	9307.84	67
	Apr 2015	6	5	9308.49	68
	May 2015	25	12	9316.38	81
	Jun 2015	40	20	9327.15	101
	Jul 2015	15	22	9323.54	94
	Aug 2015	9	20	9317.53	83
	Sep 2015	6	16	9311.63	73
	WY 2015	**128**	**129**		
	Oct 2015	6	8	9310.28	70
	Nov 2015	5	6	9309.52	69
	Dec 2015	5	6	9308.68	68
	Jan 2016	4	6	9307.61	66
	Feb 2016	4	6	9306.16	64
	Mar 2016	4	6	9305.11	62
	Apr 2016	9	6	9306.96	65
	May 2016	28	14	9315.77	79
	Jun 2016	42	22	9326.47	99
	Jul 2016	20	22	9325.51	97
	Aug 2016	10	20	9320.36	88

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Managing Water in the West

September 2014 24-Month Study

Most Probable Inflow*

Blue Mesa Reservoir

	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Sep 2013	57	61	1	66	0	66	7456.24	348
	WY 2013	**561**	**547**	**6**	**517**	**0**	**532**		
H	Oct 2013	48	47	0	46	0	46	7456.34	349
I	Nov 2013	33	33	0	14	0	14	7459.38	367
S	Dec 2013	25	25	0	11	0	11	7461.56	381
T	Jan 2014	22	22	0	14	0	14	7462.81	389
O	Feb 2014	23	22	0	13	0	13	7464.31	398
R	Mar 2014	32	33	0	23	0	23	7465.76	408
I	Apr 2014	129	130	1	28	0	28	7480.43	509
C	May 2014	242	240	1	69	3	72	7501.73	676
A	Jun 2014	361	338	1	185	142	353	7499.76	659
L	Jul 2014	117	123	1	118	0	118	7500.15	663
*	Aug 2014	64	72	1	104	0	104	7496.00	629
	Sep 2014	40	47	1	73	0	73	7492.65	602
	WY 2014	**1136**	**1132**	**8**	**700**	**145**	**871**		
	Oct 2014	40	42	1	58	0	58	7490.48	585
	Nov 2014	32	33	0	25	0	25	7491.47	593
	Dec 2014	29	30	0	55	0	55	7488.23	568
	Jan 2015	26	27	0	60	0	60	7483.86	534
	Feb 2015	23	25	0	55	0	55	7479.70	504
	Mar 2015	35	36	0	47	0	47	7478.12	492
	Apr 2015	70	69	1	35	0	35	7482.68	526
	May 2015	200	187	1	110	0	110	7492.59	602
	Jun 2015	260	240	1	52	0	52	7514.82	788
	Jul 2015	95	102	2	86	0	86	7516.40	802
	Aug 2015	52	63	1	117	0	117	7510.17	747
	Sep 2015	38	48	1	110	0	110	7502.77	684
	WY 2015	**900**	**901**	**9**	**810**	**0**	**810**		
	Oct 2015	38	40	1	60	0	60	7500.34	664
	Nov 2015	31	32	0	52	0	52	7497.91	644
	Dec 2015	26	27	0	90	0	90	7490.00	581
	Jan 2016	24	26	0	73	0	73	7483.81	534
	Feb 2016	22	25	0	51	0	51	7480.21	508
	Mar 2016	36	38	0	32	0	32	7480.92	513
	Apr 2016	77	74	1	42	0	42	7485.17	544
	May 2016	221	207	1	116	0	116	7496.65	634
	Jun 2016	261	241	1	76	0	76	7515.90	798
	Jul 2016	117	119	2	113	0	113	7516.40	802
	Aug 2016	63	73	1	120	0	120	7510.99	754

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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Managing Water in the West

September 2014 24-Month Study

Most Probable Inflow*

Morrow Point Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Sep 2013	58	66	2	68	69	0	69	7154.20	112
	WY 2013	**595**	**532**	**35**	**567**	**563**	**0**	**563**		
H	Oct 2013	50	46	2	48	47	1	50	7152.26	111
I	Nov 2013	34	14	1	15	0	0	15	7152.65	111
S	Dec 2013	26	11	1	12	0	0	16	7147.65	107
T	Jan 2014	24	14	2	16	0	0	16	7148.51	108
O	Feb 2014	24	13	2	14	12	0	14	7148.21	108
R	Mar 2014	33	23	1	24	25	0	25	7146.76	107
I	Apr 2014	143	28	13	41	42	0	42	7146.13	106
C	May 2014	268	72	26	98	93	0	93	7152.55	111
A	Jun 2014	379	353	18	372	295	63	382	7138.91	101
L	Jul 2014	120	118	3	122	82	8	110	7153.91	112
*	Aug 2014	64	104	1	105	104	0	104	7154.40	113
	Sep 2014	43	73	3	76	77	0	77	7153.73	112
	WY 2014	**1209**	**871**	**72**	**943**	**776**	**73**	**943**		
	Oct 2014	43	58	3	61	61	0	61	7153.73	112
	Nov 2014	34	25	2	27	27	0	27	7153.73	112
	Dec 2014	31	55	2	57	57	0	57	7153.73	112
	Jan 2015	28	60	2	62	62	0	62	7153.73	112
	Feb 2015	25	55	2	57	57	0	57	7153.73	112
	Mar 2015	38	47	3	50	50	0	50	7153.73	112
	Apr 2015	80	35	10	45	45	0	45	7153.73	112
	May 2015	223	110	23	133	133	0	133	7153.73	112
	Jun 2015	280	52	20	72	72	0	72	7153.73	112
	Jul 2015	99	86	4	90	90	0	90	7153.73	112
	Aug 2015	54	117	2	119	119	0	119	7153.73	112
	Sep 2015	40	110	2	112	112	0	112	7153.73	112
	WY 2015	**975**	**810**	**75**	**885**	**885**	**0**	**885**		
	Oct 2015	40	60	2	62	62	0	62	7153.73	112
	Nov 2015	33	52	2	54	54	0	54	7153.73	112
	Dec 2015	28	90	2	92	92	0	92	7153.73	112
	Jan 2016	27	73	2	75	75	0	75	7153.73	112
	Feb 2016	25	51	3	54	54	0	54	7153.73	112
	Mar 2016	40	32	4	36	36	0	36	7153.73	112
	Apr 2016	88	42	11	53	53	0	53	7153.73	112
	May 2016	247	116	26	142	142	0	142	7153.73	112
	Jun 2016	281	76	20	96	96	0	96	7153.73	112
	Jul 2016	123	113	6	119	119	0	119	7153.73	112
	Aug 2016	67	120	3	123	123	0	123	7153.73	112

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Managing Water in the West

September 2014 24-Month Study

Most Probable Inflow*

Crystal Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
*	Sep 2013	63	69	5	74	73	0	73	6746.17	15	48	29
	WY 2013	**661**	**563**	**65**	**628**	**614**	**14**	**627**			**363**	**291**
H	Oct 2013	55	50	5	54	56	0	56	6741.56	14	36	22
I	Nov 2013	40	15	6	21	15	4	19	6748.85	16	0	19
S	Dec 2013	30	16	4	20	20	0	20	6749.68	16	0	20
T	Jan 2014	27	16	3	19	6	14	20	6746.01	15	1	20
O	Feb 2014	29	14	5	19	3	17	20	6743.52	14	1	20
R	Mar 2014	39	25	6	31	30	0	31	6744.65	15	1	30
I	Apr 2014	154	42	11	53	53	0	53	6743.26	14	28	26
C	May 2014	297	93	29	122	88	22	118	6758.88	19	52	69
A	Jun 2014	414	382	35	417	108	126	419	6751.56	17	61	378
L	Jul 2014	130	110	10	120	119	2	120	6749.06	16	67	59
*	Aug 2014	69	104	4	109	108	0	108	6749.65	16	65	48
	Sep 2014	49	77	6	83	82	0	82	6753.04	17	55	27
	WY 2014	**1333**	**943**	**125**	**1068**	**688**	**184**	**1065**			**366**	**738**
	Oct 2014	49	61	6	67	67	0	67	6753.04	17	30	37
	Nov 2014	39	27	5	32	32	0	32	6753.04	17	0	32
	Dec 2014	36	57	5	62	62	0	62	6753.04	17	0	62
	Jan 2015	33	62	5	67	67	0	67	6753.04	17	0	67
	Feb 2015	28	57	3	60	60	0	60	6753.04	17	0	60
	Mar 2015	44	50	6	56	56	0	56	6753.04	17	5	51
	Apr 2015	91	45	11	56	56	0	56	6753.04	17	30	26
	May 2015	253	133	30	163	134	29	163	6753.04	17	55	108
	Jun 2015	310	72	30	102	102	0	102	6753.04	17	60	42
	Jul 2015	110	90	11	101	101	0	101	6753.04	17	65	36
	Aug 2015	61	119	7	126	126	0	126	6753.04	17	65	61
	Sep 2015	46	112	6	118	118	0	118	6753.04	17	55	63
	WY 2015	**1100**	**885**	**125**	**1010**	**981**	**29**	**1010**			**365**	**645**
	Oct 2015	46	62	6	68	68	0	68	6753.04	17	30	38
	Nov 2015	38	54	5	59	59	0	59	6753.04	17	0	59
	Dec 2015	32	92	5	96	96	0	96	6753.04	17	0	96
	Jan 2016	31	75	5	80	80	0	80	6753.04	17	0	80
	Feb 2016	29	54	4	57	57	0	57	6753.04	17	0	57
	Mar 2016	46	36	6	42	42	0	42	6753.04	17	5	37
	Apr 2016	101	53	12	66	66	0	66	6753.04	17	30	36
	May 2016	281	142	34	176	134	42	176	6753.04	17	55	121
	Jun 2016	315	96	34	130	130	0	130	6753.04	17	60	70
	Jul 2016	138	119	14	133	133	0	133	6753.04	17	65	68
	Aug 2016	75	123	8	132	132	0	132	6753.04	17	65	67

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Managing Water in the West

September 2014 24-Month Study

Most Probable Inflow*

Vallecito Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Sep 2013	45	7	7639.82	64
	WY 2013	**169**	**138**		
H	Oct 2013	18	2	7646.84	80
I	Nov 2013	10	2	7650.16	87
S	Dec 2013	7	2	7652.32	93
T	Jan 2014	6	2	7653.61	96
O	Feb 2014	5	2	7654.41	98
R	Mar 2014	7	11	7653.05	94
I	Apr 2014	28	16	7657.59	106
C	May 2014	59	43	7663.60	122
A	Jun 2014	47	50	7662.12	118
L	Jul 2014	15	38	7653.12	95
*	Aug 2014	14	32	7645.08	75
	Sep 2014	11	29	7636.36	57
	WY 2014	**226**	**230**		
	Oct 2014	10	17	7632.55	49
	Nov 2014	7	1	7635.38	55
	Dec 2014	5	2	7637.08	58
	Jan 2015	4	2	7638.25	61
	Feb 2015	4	1	7639.22	63
	Mar 2015	6	2	7640.99	66
	Apr 2015	18	1	7648.18	83
	May 2015	65	31	7661.57	116
	Jun 2015	67	62	7663.25	121
	Jul 2015	27	42	7657.47	106
	Aug 2015	18	38	7649.29	85
	Sep 2015	15	30	7642.79	70
	WY 2015	**245**	**228**		
	Oct 2015	14	17	7641.31	67
	Nov 2015	8	1	7644.38	74
	Dec 2015	6	2	7646.45	79
	Jan 2016	5	2	7648.07	82
	Feb 2016	5	1	7649.42	86
	Mar 2016	9	2	7652.26	92
	Apr 2016	23	1	7660.71	114
	May 2016	71	65	7663.11	120
	Jun 2016	70	70	7663.02	120
	Jul 2016	29	41	7658.05	107
	Aug 2016	20	38	7650.71	89

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September 2014 24-Month Study

Most Probable Inflow*

Navajo Reservoir

	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azetea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Farmington Flow (1000 Ac-Ft)
*	Sep 2013	151	5	110	2	15	25	6022.28	933	90
	WY 2013	**543**	**42**	**472**	**20**	**205**	**349**			**604**
H	Oct 2013	57	3	38	1	4	15	6024.13	951	45
I	Nov 2013	35	1	26	1	0	16	6025.11	960	43
S	Dec 2013	26	0	21	0	0	16	6025.59	965	39
T	Jan 2014	19	0	16	0	0	17	6025.41	963	36
O	Feb 2014	23	0	21	1	0	18	6025.70	966	35
R	Mar 2014	52	2	53	1	4	18	6028.76	996	41
I	Apr 2014	123	14	98	2	21	18	6034.32	1053	64
C	May 2014	176	20	141	3	31	17	6042.68	1142	115
A	Jun 2014	116	19	98	4	39	20	6045.77	1177	148
L	Jul 2014	14	2	35	4	44	29	6042.03	1135	64
*	Aug 2014	16	1	34	3	37	40	6037.72	1088	61
	Sep 2014	17	0	35	2	40	21	6035.06	1060	21
	WY 2014	**676**	**61**	**616**	**23**	**220**	**246**			**713**
	Oct 2014	25	1	32	1	15	17	6034.86	1058	17
	Nov 2014	25	0	19	1	0	15	6035.14	1061	15
	Dec 2014	18	0	15	1	0	16	6034.97	1059	16
	Jan 2015	16	0	14	1	0	20	6034.29	1052	20
	Feb 2015	21	0	19	1	0	19	6034.16	1051	19
	Mar 2015	62	1	57	1	5	20	6037.10	1082	20
	Apr 2015	121	12	92	2	19	19	6041.96	1134	19
	May 2015	260	37	189	3	33	49	6051.12	1239	49
	Jun 2015	180	33	142	4	48	77	6052.23	1252	77
	Jul 2015	45	7	52	4	52	23	6049.97	1225	23
	Aug 2015	35	1	53	3	44	27	6048.18	1204	27
	Sep 2015	32	1	46	3	24	22	6047.91	1201	22
	WY 2015	**840**	**93**	**730**	**24**	**241**	**324**			**324**
	Oct 2015	39	1	40	2	9	22	6048.63	1210	22
	Nov 2015	31	1	23	1	0	21	6048.74	1211	21
	Dec 2015	25	0	20	1	0	22	6048.56	1209	22
	Jan 2016	22	0	18	1	0	22	6048.20	1205	22
	Feb 2016	30	0	27	1	0	20	6048.70	1210	20
	Mar 2016	92	2	83	2	5	23	6053.20	1264	23
	Apr 2016	170	15	133	2	20	36	6059.33	1339	36
	May 2016	277	41	229	3	33	216	6057.44	1316	216
	Jun 2016	224	33	190	4	49	194	6052.73	1258	194
	Jul 2016	66	7	71	4	52	28	6051.64	1245	28
	Aug 2016	45	2	61	3	44	24	6050.81	1235	24

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2014 24-Month Study

Most Probable Inflow*

Lake Powell

	Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry Gage (1000 Ac-Ft)
*	Sep 2013	857	802	44	600	0	600	3591.25	4928	10934	607
	WY 2013	**5117**	**5358**	**361**	**8154**	**78**	**8232**				**8264**
H	Oct 2013	549	475	30	481	0	481	3590.88	4926	10900	483
I	Nov 2013	476	435	29	553	143	696	3587.90	4904	10631	695
S	Dec 2013	295	291	23	601	0	601	3584.43	4880	10324	595
T	Jan 2014	270	271	7	800	0	800	3578.69	4840	9828	811
O	Feb 2014	330	321	7	599	0	599	3575.55	4819	9563	604
R	Mar 2014	509	444	12	504	0	504	3574.76	4813	9497	510
I	Apr 2014	964	774	19	502	0	502	3577.56	4832	9732	512
C	May 2014	2082	1632	24	493	0	493	3589.38	4915	10764	498
A	Jun 2014	3039	2676	42	598	0	598	3609.19	5066	12649	609
L	Jul 2014	838	730	53	800	0	800	3608.05	5056	12535	814
*	Aug 2014	517	615	53	801	0	801	3605.82	5039	12314	818
	Sep 2014	400	524	48	605	0	605	3604.60	5029	12195	617
	WY 2014	**10269**	**9189**	**347**	**7337**	**143**	**7480**				**7566**
	Oct 2014	480	529	33	600	0	600	3603.61	5022	12098	609
	Nov 2014	420	426	32	600	0	600	3601.64	5006	11907	610
	Dec 2014	330	435	25	800	0	800	3597.85	4977	11546	808
	Jan 2015	330	445	8	800	0	800	3594.25	4950	11210	811
	Feb 2015	370	464	8	650	0	650	3592.30	4936	11030	657
	Mar 2015	580	550	14	650	0	650	3591.15	4928	10925	656
	Apr 2015	950	797	22	600	0	600	3592.92	4941	11087	609
	May 2015	2250	1915	27	650	0	650	3604.99	5032	12233	658
	Jun 2015	2600	2208	45	800	0	800	3617.45	5133	13495	808
	Jul 2015	850	762	56	1000	0	1000	3614.83	5111	13223	1017
	Aug 2015	400	519	55	1050	0	1050	3609.51	5068	12681	1069
	Sep 2015	350	481	49	800	0	800	3606.08	5041	12340	813
	WY 2015	**9910**	**9529**	**372**	**9000**	**0**	**9000**				**9124**
	Oct 2015	464	519	33	600	0	600	3605.00	5032	12234	609
	Nov 2015	450	504	32	600	0	600	3603.79	5023	12116	610
	Dec 2015	363	482	25	800	0	800	3600.50	4998	11798	808
	Jan 2016	361	463	8	800	0	800	3597.13	4972	11479	811
	Feb 2016	393	455	8	650	0	650	3595.12	4957	11290	657
	Mar 2016	665	591	14	650	0	650	3594.39	4952	11223	656
	Apr 2016	1056	896	22	600	0	600	3597.11	4972	11476	609
	May 2016	2343	2196	28	650	0	650	3611.50	5084	12882	658
	Jun 2016	2666	2252	47	800	0	800	3623.91	5188	14183	808
	Jul 2016	1091	1008	59	1000	0	1000	3623.48	5185	14136	1017
	Aug 2016	500	603	58	1050	0	1050	3619.10	5147	13668	1069

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2014 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Glen Release (1000 Ac-Ft)	Side Inflow Glen to Hoover (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Sep 2013	600	155	64	599	10.1	16	590	804	1106.92	12362
	WY 2013	**8232**	**824**	**612**	**9043**		**224**	**8927**			
H	Oct 2013	481	38	47	733	11.9	19	718	786	1104.04	12099
I	Nov 2013	696	101	47	513	8.6	12	510	800	1106.36	12310
S	Dec 2013	601	43	40	558	9.1	9	556	802	1106.73	12344
T	Jan 2014	800	45	33	605	9.8	8	604	815	1108.75	12531
O	Feb 2014	599	76	31	717	12.9	8	716	810	1107.94	12456
R	Mar 2014	504	29	34	1090	17.7	13	1087	773	1101.71	11888
I	Apr 2014	502	17	41	1134	19.1	20	1130	731	1094.55	11254
C	May 2014	493	13	46	1086	17.7	30	1084	692	1087.46	10639
A	Jun 2014	598	10	54	959	16.1	28	803	665	1082.66	10233
L	Jul 2014	800	55	67	943	15.3	28	941	654	1080.60	10061
*	Aug 2014	801	112	71	735	12.0	23	727	659	1081.55	10140
	Sep 2014	605	97	58	752	12.6	22	752	651	1080.07	10017
	WY 2014	**7480**	**635**	**567**	**9825**		**219**	**9629**			
	Oct 2014	600	52	42	524	8.5	24	524	655	1080.77	10075
	Nov 2014	600	52	42	602	10.1	15	602	654	1080.69	10068
	Dec 2014	800	95	37	552	9.0	8	552	673	1084.03	10348
	Jan 2015	800	75	30	626	10.2	7	626	686	1086.39	10548
	Feb 2015	650	78	28	699	12.6	8	699	685	1086.31	10541
	Mar 2015	650	68	31	1046	17.0	14	1046	662	1082.16	10191
	Apr 2015	600	80	38	1111	18.7	19	1111	633	1076.62	9733
	May 2015	650	60	43	1005	16.3	32	1005	610	1072.33	9385
	Jun 2015	800	23	51	921	15.5	30	921	599	1070.23	9218
	Jul 2015	1000	64	64	899	14.6	32	899	603	1071.05	9283
	Aug 2015	1050	116	68	830	13.5	28	830	618	1073.85	9508
	Sep 2015	800	97	57	745	12.5	19	745	623	1074.73	9579
	WY 2015	**9000**	**861**	**532**	**9559**		**236**	**9559**			
	Oct 2015	600	52	41	500	8.1	22	500	628	1075.77	9663
	Nov 2015	600	52	41	634	10.6	13	634	626	1075.36	9630
	Dec 2015	800	95	36	564	9.2	6	564	644	1078.67	9901
	Jan 2016	800	75	30	610	9.9	7	610	658	1081.26	10115
	Feb 2016	650	78	27	676	11.8	9	676	658	1081.43	10130
	Mar 2016	650	68	31	1042	16.9	14	1042	636	1077.25	9784
	Apr 2016	600	80	37	1119	18.8	20	1119	606	1071.50	9319
	May 2016	650	60	42	1007	16.4	33	1007	583	1067.09	8970
	Jun 2016	800	23	50	922	15.5	30	922	572	1064.94	8802
	Jul 2016	1000	64	62	897	14.6	33	897	576	1065.80	8869
	Aug 2016	1050	116	67	811	13.2	29	811	592	1068.90	9113

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2014 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Sep 2013	599	-11	18	681	0	681	11.4	640.23	1624
	WY 2013	**9043**	**-158**	**198**	**8669**	**0**	**8669**			
H	Oct 2013	733	-13	15	768	0	768	12.5	637.86	1560
I	Nov 2013	513	4	11	531	0	531	8.9	636.95	1537
S	Dec 2013	558	-10	9	470	0	470	7.6	639.57	1606
T	Jan 2014	605	-7	10	552	0	552	9.0	640.94	1643
O	Feb 2014	717	-22	10	658	0	658	11.9	641.96	1670
R	Mar 2014	1090	-12	13	1074	0	1074	17.5	641.61	1661
I	Apr 2014	1134	-21	17	1054	0	1054	17.7	643.13	1702
C	May 2014	1086	-17	22	1023	0	1022	16.6	644.01	1726
A	Jun 2014	959	-19	25	947	0	947	15.9	642.83	1694
L	Jul 2014	943	-10	25	900	0	900	14.6	643.10	1701
*	Aug 2014	735	-6	23	697	0	697	11.3	643.43	1711
	Sep 2014	752	-4	19	777	0	777	13.1	641.68	1663
	WY 2014	**9825**	**-137**	**198**	**9451**	**0**	**9450**			
	Oct 2014	524	-2	15	684	0	684	11.1	635.00	1486
	Nov 2014	602	-13	10	553	0	553	9.3	636.00	1512
	Dec 2014	552	-17	9	455	0	455	7.4	638.71	1583
	Jan 2015	626	-14	10	519	0	519	8.4	641.80	1666
	Feb 2015	699	-10	10	679	0	679	12.2	641.80	1666
	Mar 2015	1046	-15	13	983	0	983	16.0	643.05	1700
	Apr 2015	1111	-17	17	1078	0	1078	18.1	643.00	1699
	May 2015	1005	-13	22	970	0	970	15.8	643.00	1699
	Jun 2015	921	-14	25	909	0	909	15.3	642.00	1671
	Jul 2015	899	-10	25	877	0	877	14.3	641.50	1658
	Aug 2015	830	-11	23	797	0	797	13.0	641.50	1658
	Sep 2015	745	-4	18	763	0	763	12.8	640.01	1617
	WY 2015	**9559**	**-141**	**197**	**9266**	**0**	**9266**			
	Oct 2015	500	-2	15	666	0	666	10.8	633.00	1434
	Nov 2015	634	-13	10	559	0	559	9.4	635.00	1486
	Dec 2015	564	-17	9	441	0	441	7.2	638.71	1583
	Jan 2016	610	-14	10	503	0	503	8.2	641.80	1666
	Feb 2016	676	-10	10	656	0	656	11.4	641.80	1666
	Mar 2016	1042	-15	13	979	0	979	15.9	643.05	1700
	Apr 2016	1119	-17	17	1086	0	1086	18.2	643.00	1699
	May 2016	1007	-13	22	972	0	972	15.8	643.00	1699
	Jun 2016	922	-14	25	910	0	910	15.3	642.00	1671
	Jul 2016	897	-10	25	875	0	875	14.2	641.50	1658
	Aug 2016	811	-11	23	778	0	778	12.6	641.50	1658

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2014 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
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	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	Sep 2013	681	23	15	486	8.2	91	149	446.96	560	96	1.6
	WY 2013	**8669**	**246**	**141**	**6389**		**780**	**1521**			**1477**	
H	Oct 2013	768	19	12	467	7.6	99	186	447.91	578	70	1.1
I	Nov 2013	531	25	9	314	5.3	77	144	448.37	587	89	1.5
S	Dec 2013	470	7	7	285	4.6	100	138	445.37	531	99	1.6
T	Jan 2014	552	13	6	353	5.7	101	84	446.23	547	131	2.1
O	Feb 2014	658	20	8	450	8.1	48	130	448.13	582	162	2.9
R	Mar 2014	1074	-3	9	809	13.1	90	176	447.05	562	260	4.2
I	Apr 2014	1054	24	11	756	12.7	105	178	448.11	582	241	4.0
C	May 2014	1022	-3	13	694	11.3	110	184	448.48	589	115	1.9
A	Jun 2014	947	11	15	713	12.0	95	133	447.90	578	112	4.5
L	Jul 2014	900	18	17	685	11.1	105	93	448.27	585	118	1.9
*	Aug 2014	697	26	17	495	8.1	106	99	448.10	582	100	1.6
	Sep 2014	777	25	15	532	8.9	105	152	447.50	571	89	1.5
	WY 2014	**9450**	**180**	**139**	**6553**		**1140**	**1697**			**1586**	
	Oct 2014	684	25	12	445	7.2	108	137	447.50	571	55	0.9
	Nov 2014	553	31	9	353	5.9	97	120	447.50	571	86	1.4
	Dec 2014	455	23	7	267	4.3	101	118	446.50	552	97	1.6
	Jan 2015	519	16	6	352	5.7	80	92	446.50	552	125	2.0
	Feb 2015	679	11	8	453	8.2	70	152	446.50	552	156	2.8
	Mar 2015	983	17	9	725	11.8	80	174	446.70	555	201	3.3
	Apr 2015	1078	21	11	798	13.4	77	167	448.70	593	212	3.6
	May 2015	970	21	13	713	11.6	80	173	448.70	593	111	1.8
	Jun 2015	909	17	16	698	11.7	77	122	448.70	593	109	1.8
	Jul 2015	877	29	17	722	11.7	80	87	448.00	580	111	1.8
	Aug 2015	797	27	17	638	10.4	80	86	447.50	571	105	1.7
	Sep 2015	763	25	15	567	9.5	77	120	447.50	570	102	1.7
	WY 2015	**9266**	**263**	**139**	**6732**		**1004**	**1549**			**1471**	
	Oct 2015	666	25	12	467	7.6	80	125	447.50	571	65	1.1
	Nov 2015	559	31	9	378	6.4	77	122	447.50	571	99	1.7
	Dec 2015	441	23	7	284	4.6	80	108	446.50	552	105	1.7
	Jan 2016	503	16	6	348	5.7	69	92	446.50	552	125	2.0
	Feb 2016	656	11	8	437	7.6	63	152	446.50	552	156	2.7
	Mar 2016	979	17	9	732	11.9	69	174	446.70	555	201	3.3
	Apr 2016	1086	21	11	816	13.7	66	167	448.70	593	212	3.6
	May 2016	972	21	13	726	11.8	69	173	448.70	593	111	1.8
	Jun 2016	910	17	16	709	11.9	66	122	448.70	593	109	1.8
	Jul 2016	875	29	17	730	11.9	69	87	448.00	580	111	1.8
	Aug 2016	778	27	17	630	10.2	69	86	447.50	571	105	1.7

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2014 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Sep 2013	599	10.1	1106.92	12362	73	464.61	1737.0	242.5	100	405.1
	WY 2013	**9043**							**3770.1**		
H	Oct 2013	733	11.9	1104.04	12099	-263	460.18	1332.0	300.5	77	410.1
I	Nov 2013	513	8.6	1106.36	12310	212	465.65	1179.0	209.8	68	408.7
S	Dec 2013	558	9.1	1106.73	12344	34	463.77	1188.0	230.3	68	412.8
T	Jan 2014	605	9.8	1108.75	12531	186	465.47	746.0	250.9	43	414.5
O	Feb 2014	717	12.9	1107.94	12456	-75	461.16	1415.0	298.2	81	415.9
R	Mar 2014	1090	17.7	1101.71	11888	-567	457.72	1234.0	451.5	71	414.3
I	Apr 2014	1134	19.1	1094.55	11254	-635	447.66	1146.0	459.8	68	405.6
C	May 2014	1086	17.7	1087.46	10639	-615	440.39	1341.0	431.0	81	397.1
A	Jun 2014	959	16.1	1082.66	10233	-406	437.98	1541.0	372.9	93	388.7
L	Jul 2014	943	15.3	1080.60	10061	-172	434.94	1615.0	363.6	100	385.7
*	Aug 2014	735	12.0	1081.55	10140	79	436.53	1493.0	279.3	94	379.9
	Sep 2014	752	12.6	1080.07	10017	-123	428.28	1493.0	290.5	94	386.1
	WY 2014	**9825**							**3938.5**		
	Oct 2014	524	8.5	1080.77	10075	58	432.56	1193.0	198.3	76	378.4
	Nov 2014	602	10.1	1080.69	10068	-7	435.55	1069.0	235.9	68	391.6
	Dec 2014	552	9.0	1084.03	10348	280	436.06	1068.0	212.8	67	385.7
	Jan 2015	626	10.2	1086.39	10548	200	436.65	1129.0	245.4	70	392.3
	Feb 2015	699	12.6	1086.31	10541	-7	438.78	831.0	284.3	52	406.4
	Mar 2015	1046	17.0	1082.16	10191	-350	434.21	1120.0	416.3	71	398.1
	Apr 2015	1111	18.7	1076.62	9733	-458	428.54	1164.0	440.3	75	396.3
	May 2015	1005	16.3	1072.33	9385	-347	422.31	1340.0	380.9	88	379.1
	Jun 2015	921	15.5	1070.23	9218	-167	420.10	1239.0	351.8	82	382.1
	Jul 2015	899	14.6	1071.05	9283	65	418.06	1514.0	336.2	100	374.0
	Aug 2015	830	13.5	1073.85	9508	225	420.02	1530.0	316.0	100	380.7
	Sep 2015	745	12.5	1074.73	9579	72	422.33	1539.0	282.8	100	379.7
	WY 2015	**9559**							**3700.9**		
	Oct 2015	500	8.1	1075.77	9663	84	427.52	1234.0	191.8	80	384.0
	Nov 2015	634	10.6	1075.36	9630	-33	430.58	1165.0	242.4	76	382.6
	Dec 2015	564	9.2	1078.67	9901	271	429.59	1263.0	214.2	81	379.4
	Jan 2016	610	9.9	1081.26	10115	214	430.23	1285.0	234.3	82	383.8
	Feb 2016	676	11.8	1081.43	10130	15	433.79	817.3	269.5	52	398.4
	Mar 2016	1042	16.9	1077.25	9784	-346	429.34	1100.8	409.8	71	393.4
	Apr 2016	1119	18.8	1071.50	9319	-465	423.55	1143.3	438.3	75	391.9
	May 2016	1007	16.4	1067.09	8970	-349	417.17	1315.8	377.1	88	374.4
	Jun 2016	922	15.5	1064.94	8802	-168	414.88	1216.4	347.6	82	377.2
	Jul 2016	897	14.6	1065.80	8869	67	412.84	1486.3	331.2	100	369.1
	Aug 2016	811	13.2	1068.90	9113	244	414.97	1503.8	304.3	100	375.2

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2014 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

U.S. DEPARTMENT OF THE INTERIOR
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	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Sep 2013	681	11.4	640.23	1624	-112	138.83	255.0	89.1	100	130.8
	WY 2013	**8669**							**1092.0**		
H	Oct 2013	768	12.5	637.86	1560	-63	136.18	196.4	94.7	77	123.3
I	Nov 2013	531	8.9	636.95	1537	-24	137.13	158.1	61.5	62	115.9
S	Dec 2013	470	7.6	639.57	1606	69	136.36	173.4	59.4	68	126.5
T	Jan 2014	552	9.0	640.94	1643	37	139.11	163.2	68.9	64	124.9
O	Feb 2014	658	11.9	641.96	1670	28	138.63	173.4	84.5	68	128.3
R	Mar 2014	1074	17.5	641.61	1661	-10	138.63	252.5	134.6	99	125.3
I	Apr 2014	1054	17.7	643.13	1702	42	141.55	255.0	132.2	100	125.4
C	May 2014	1023	16.6	644.01	1726	24	143.52	255.0	127.7	100	124.9
A	Jun 2014	947	15.9	642.83	1694	-32	141.57	255.0	119.3	100	126.0
L	Jul 2014	900	14.6	643.10	1701	7	143.48	244.8	112.8	96	125.4
*	Aug 2014	697	11.3	643.43	1711	9	143.79	252.5	88.3	99	126.7
	Sep 2014	777	13.1	641.68	1663	-48	135.57	255.0	97.5	100	125.5
	WY 2014	**9451**							**1181.5**		
	Oct 2014	684	11.1	635.00	1486	-177	133.02	191.3	83.7	75	122.4
	Nov 2014	553	9.3	636.00	1512	26	131.19	158.1	66.7	62	120.5
	Dec 2014	455	7.4	638.71	1583	71	132.59	173.4	55.9	68	122.9
	Jan 2015	519	8.4	641.80	1666	83	135.97	163.2	64.9	64	125.1
	Feb 2015	679	12.2	641.80	1666	0	136.77	186.2	85.0	73	125.1
	Mar 2015	983	16.0	643.05	1700	34	135.44	255.0	122.3	100	124.5
	Apr 2015	1078	18.1	643.00	1699	-2	136.07	255.0	134.1	100	124.4
	May 2015	970	15.8	643.00	1699	0	136.04	255.0	121.3	100	125.0
	Jun 2015	909	15.3	642.00	1671	-27	135.51	255.0	113.3	100	124.7
	Jul 2015	877	14.3	641.50	1658	-14	134.73	255.0	109.0	100	124.4
	Aug 2015	797	13.0	641.50	1658	0	134.46	255.0	99.2	100	124.6
	Sep 2015	763	12.8	640.01	1617	-40	133.68	255.0	94.5	100	124.0
	WY 2015	**9266**							**1150.0**		
	Oct 2015	666	10.8	633.00	1434	-183	129.77	234.6	80.4	92	120.8
	Nov 2015	559	9.4	635.00	1486	51	127.90	209.1	66.6	82	119.1
	Dec 2015	441	7.2	638.71	1583	97	130.45	224.4	54.1	88	122.6
	Jan 2016	503	8.2	641.80	1666	83	135.97	163.2	63.0	64	125.2
	Feb 2016	656	11.4	641.80	1666	0	137.17	173.4	82.3	68	125.4
	Mar 2016	979	15.9	643.05	1700	34	135.44	255.0	121.9	100	124.5
	Apr 2016	1086	18.2	643.00	1699	-2	136.07	255.0	135.0	100	124.3
	May 2016	972	15.8	643.00	1699	0	136.04	255.0	121.6	100	125.0
	Jun 2016	910	15.3	642.00	1671	-27	135.51	255.0	113.5	100	124.7
	Jul 2016	875	14.2	641.50	1658	-14	134.73	255.0	108.8	100	124.4
	Aug 2016	778	12.6	641.50	1658	0	134.46	255.0	97.0	100	124.7

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2014 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Sep 2013	486	8.2	446.96	560	-43	80.66	120.0	34.5	100	71.0
	WY 2013	**6389**							**439.1**		
H	Oct 2013	467	7.6	447.91	578	18	83.28	96.0	31.7	80	67.9
I	Nov 2013	314	5.3	448.37	587	9	82.63	92.4	22.1	77	70.5
S	Dec 2013	285	4.6	445.37	531	-56	80.69	91.2	19.0	76	66.8
T	Jan 2014	353	5.7	446.23	547	16	80.02	90.0	24.2	75	68.4
O	Feb 2014	450	8.1	448.13	582	35	82.38	92.4	31.2	77	69.4
R	Mar 2014	809	13.1	447.05	562	-20	77.18	106.8	55.4	89	68.5
I	Apr 2014	756	12.7	448.11	582	20	80.82	120.0	52.3	100	69.1
C	May 2014	694	11.3	448.48	589	7	80.45	106.8	49.2	89	70.8
A	Jun 2014	713	12.0	447.90	578	-11	81.61	120.0	49.8	100	69.8
L	Jul 2014	685	11.1	448.27	585	7	82.46	120.0	47.9	100	70.0
*	Aug 2014	495	8.1	448.10	582	-3	81.82	120.0	35.2	100	71.2
	Sep 2014	532	8.9	447.50	571	-11	75.18	120.0	34.7	100	65.3
	WY 2014	**6553**							**452.7**		
	Oct 2014	445	7.2	447.50	571	0	75.69	102.0	29.0	85	65.2
	Nov 2014	353	5.9	447.50	571	0	75.69	102.0	22.8	85	64.5
	Dec 2014	267	4.3	446.50	552	-19	75.20	102.0	16.8	85	62.8
	Jan 2015	352	5.7	446.50	552	0	74.71	102.0	22.5	85	63.8
	Feb 2015	453	8.2	446.50	552	0	73.92	120.0	29.1	100	64.2
	Mar 2015	725	11.8	446.70	555	4	74.01	120.0	47.1	100	65.0
	Apr 2015	798	13.4	448.70	593	38	75.08	120.0	52.7	100	66.0
	May 2015	713	11.6	448.70	593	0	76.05	120.0	47.5	100	66.5
	Jun 2015	698	11.7	448.70	593	0	76.05	120.0	46.4	100	66.5
	Jul 2015	722	11.7	448.00	580	-13	75.71	120.0	47.8	100	66.3
	Aug 2015	638	10.4	447.50	571	-9	75.13	120.0	41.9	100	65.6
	Sep 2015	567	9.5	447.50	570	0	74.89	120.0	37.0	100	65.2
	WY 2015	**6732**							**440.5**		
	Oct 2015	467	7.6	447.50	571	0	75.69	102.0	30.5	85	65.4
	Nov 2015	378	6.4	447.50	571	0	75.69	102.0	24.5	85	64.8
	Dec 2015	284	4.6	446.50	552	-19	75.20	102.0	18.0	85	63.2
	Jan 2016	348	5.7	446.50	552	0	74.71	102.0	22.2	85	63.7
	Feb 2016	437	7.6	446.50	552	0	73.92	120.0	28.0	100	64.0
	Mar 2016	732	11.9	446.70	555	4	74.01	120.0	47.6	100	65.0
	Apr 2016	816	13.7	448.70	593	38	75.08	120.0	53.9	100	66.1
	May 2016	726	11.8	448.70	593	0	76.05	120.0	48.3	100	66.5
	Jun 2016	709	11.9	448.70	593	0	76.05	120.0	47.2	100	66.6
	Jul 2016	730	11.9	448.00	580	-13	75.71	120.0	48.4	100	66.3
	Aug 2016	630	10.2	447.50	571	-9	75.13	120.0	41.3	100	65.6

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2014 24-Month Study

Most Probable Inflow*

Upper Basin Power

	Date	Glen Canyon 1000 MWHR	Flaming Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Reservoir 1000 MWHR	Fontenelle Reservoir 1000 MWHR
*	Sep 2013	253	25	17	24	14	3
	Summer 2013	**1789**	**173**	**108**	**153**	**90**	**19**
H	Oct 2013	202	19	12	16	10	1
I	Nov 2013	231	18	3	0	1	4
S	Dec 2013	253	19	3	0	1	5
T	Jan 2014	337	19	3	0	0	4
O	Feb 2014	247	17	3	4	0	4
R	Mar 2014	207	19	6	8	4	4
	Winter 2014	**1477**	**110**	**30**	**28**	**17**	**22**
I	Apr 2014	206	19	7	13	9	5
C	May 2014	204	20	19	32	17	6
A	Jun 2014	260	80	54	103	21	7
L	Jul 2014	354	41	35	29	22	8
*	Aug 2014	353	48	31	37	21	9
	Sep 2014	242	44	22	28	14	3
	Summer 2014	**1619**	**253**	**168**	**241**	**104**	**39**
	Oct 2014	240	33	17	22	12	7
	Nov 2014	239	31	7	10	6	7
	Dec 2014	316	45	16	21	11	7
	Jan 2015	313	45	17	22	12	6
	Feb 2015	254	40	16	21	10	5
	Mar 2015	252	33	14	18	10	5
	Winter 2015	**1613**	**226**	**88**	**113**	**60**	**37**
	Apr 2015	232	32	10	16	10	5
	May 2015	255	50	32	48	23	6
	Jun 2015	322	72	16	26	18	9
	Jul 2015	407	34	27	33	17	10
	Aug 2015	424	34	37	43	22	9
	Sep 2015	322	33	34	40	20	3
	Summer 2015	**1963**	**256**	**156**	**206**	**110**	**41**
	Oct 2015	239	34	18	22	12	6
	Nov 2015	238	33	16	19	10	6
	Dec 2015	316	34	27	33	17	6
	Jan 2016	314	34	21	27	14	5
	Feb 2016	254	32	15	19	10	4
	Mar 2016	253	34	9	13	7	4
	Winter 2016	**1108**	**136**	**82**	**102**	**52**	**23**
	Apr 2016	234	40	12	19	11	5
	May 2016	258	69	34	51	23	7
	Jun 2016	327	39	23	35	22	8
	Jul 2016	414	41	35	43	23	9
	Aug 2016	432	41	38	44	23	9

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2014 24-Month Study

Most Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions

Date	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Total KAF	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****CREDITABLE SPACE****										
Sep 2014	466	201	608	12008	13282	17237	30519	466	201	608	1274	12008	17237	30519	2270	752	0	29.9
Oct 2014	525	227	636	12127	13515	17360	30875	525	227	636	1388	12127	17360	30875	3040	524	0	29.6
Nov 2014	556	244	638	12224	13662	17302	30964	556	244	638	1438	12224	17302	30964	3810	602	0	29.4
Dec 2014	582	237	635	12415	13868	17309	31177	582	237	635	1454	12415	17309	31177	4580	552	0	29.3
Jan 2015	664	262	637	12776	14338	17029	31367	664	262	637	1562	12776	17029	31367	5350	626	0	29.1
								****EFFECTIVE SPACE****										
Jan 2015	664	262	637	12776	14338	17029	31367	295	262	339	896	12776	17029	30701	5350	626	0	29.1
Feb 2015	742	295	644	13112	14792	16829	31621	372	295	345	1013	13112	16829	30954	1500	699	0	28.8
Mar 2015	806	326	645	13292	15069	16836	31905	436	326	346	1107	13292	16836	31235	1500	1046	0	28.4
Apr 2015	805	337	614	13397	15153	17186	32339	429	337	309	1075	13397	17186	31658	1500	1111	0	28.3
May 2015	764	304	562	13235	14865	17644	32509	382	304	235	921	13235	17644	31800	1500	1005	0	29.4
Jun 2015	670	228	457	12089	13444	17992	31436	278	217	95	590	12089	17992	30671	1500	921	0	30.8
Jul 2015	522	41	444	10827	11835	18159	29994	116	9	30	155	10827	18159	29141	1500	899	0	30.7
								****CREDITABLE SPACE****										
Aug 2015	424	27	471	11099	12021	18094	30116	424	27	471	922	11099	18094	30116	1500	830	0	30.2
Sep 2015	456	82	492	11641	12671	17869	30540	456	82	492	1030	11641	17869	30540	2270	745	0	29.8
Oct 2015	511	145	495	11982	13133	17798	30931	511	145	495	1151	11982	17798	30931	3040	500	0	29.5
Nov 2015	559	165	486	12088	13299	17714	31013	559	165	486	1211	12088	17714	31013	3810	634	0	29.3
Dec 2015	605	185	485	12206	13482	17747	31228	605	185	485	1275	12206	17747	31228	4580	564	0	29.2
Jan 2016	665	248	487	12524	13925	17476	31400	665	248	487	1401	12524	17476	31400	5350	610	0	29.1
								****EFFECTIVE SPACE****										
Jan 2016	665	248	487	12524	13925	17476	31400	374	248	213	835	12524	17476	30835	5350	610	0	29.1
Feb 2016	720	295	491	12843	14350	17262	31612	427	295	217	939	12843	17262	31044	1500	676	0	28.9
Mar 2016	766	322	486	13032	14605	17247	31852	470	322	210	1002	13032	17247	31281	1500	1042	0	28.6
Apr 2016	761	317	432	13099	14610	17593	32202	462	317	150	929	13099	17593	31621	1500	1119	0	28.5
May 2016	742	285	357	12846	14230	18058	32288	437	285	52	774	12846	18058	31678	1500	1007	0	29.7
Jun 2016	696	195	380	11440	12711	18407	31119	382	189	39	610	11440	18407	30458	1500	922	0	31.2
Jul 2016	433	32	438	10139	11042	18575	29617	99	4	44	147	10139	18575	28862	1500	897	0	31.3
								****CREDITABLE SPACE****										
Aug 2016	350	27	451	10186	11014	18508	29522	350	27	451	828	10186	18508	29522	1500	811	0	30.9

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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October 24-Month Study
Date: October 10, 2014

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

Reservoir	September Inflow (unregulated) (acre-feet)	Percent of Average (%)	October 7 Midnight Elevation (feet)	Reservoir Storage (acre-feet)
Fontenelle	69,000	150	6503.06	322,000
Flaming Gorge	103,000	187	6028.39	3,287,000
Blue Mesa	48,000	126	7491.53	593,000
Navajo	41,000	95	6038.04	1,092,000
Powell	511,000	125	3606.10	12,342,000

Expected Operations

The operation of Lake Powell and Lake Mead in this October 2014 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines), and reflects the 2014 Annual Operating Plan (AOP) and the draft 2015 AOP. Pursuant to the Interim Guidelines, the August 2014 24-Month Study projections of the January 1, 2015, system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2015.

Consistent with Section 6.B of the Interim Guidelines, the Lake Powell operational tier for water year 2015 is the Upper Elevation Balancing Tier, with an initial water year release volume of 8.23 maf and the potential for an April adjustment to equalization or balancing releases in April 2015. This October 2014 24-Month Study projects that, consistent with Section 6.B.4 of the Interim Guidelines, an April adjustment to balancing releases is likely to occur and Lake Powell is currently projected to release 9.0 maf in water year 2015.

Consistent with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar years 2014 and 2015.

The tier determinations will be documented in the 2015 AOP, which is currently in the final stages of development.

The Interim Guidelines are available for download at:
http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The 2014 AOP is available for download at:
http://www.usbr.gov/lc/region/g4000/aop/AOP14.pdf.
The draft 2015 AOP is available for download at
http://www.usbr.gov/uc/water/rsvrs/ops/aop/AOP15_draft.pdf.

Fontenelle Reservoir – Inflows to Fontenelle Reservoir for the month of September were 69,000 acre-feet (AF), or 150 percent of average. The reservoir elevation is 6503.0 feet, 93 percent of live capacity. Inflows are averaging 1,500 cubic feet per second (cfs). Fontenelle releases are currently at 1,550 cfs and will be decreased to base flow releases of approximately 1,300 cfs by the end of October.

Inflows for the next three months are projected to be above average: with October, November and December forecasted inflow volumes at 85,000 AF (175% of average), 60,000 AF (143% of average), and 40,000 AF (125% of average), respectively.

The next Fontenelle Working Group meeting is scheduled for April 22, 2015, at 10:00 am at Seedskadee Wildlife Refuge in Green River, Wyoming. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir.

Flaming Gorge Reservoir – Unregulated inflow into Flaming Gorge Reservoir during the month of September was 103,000 acre-feet (AF), or 187 percent of average. The reservoir elevation is 6,028.4 feet. Observed inflows are averaging 1,900 cubic feet per second (cfs).

Flaming Gorge releases are decreasing to 1,300 cfs average daily release with hourly fluctuations for hydropower through November. Releases will be increased to an average daily release of approximately 2,000 cfs with fluctuations for hydropower during December through February.

Inflows for the next three months are projected to be above average: with October, November and December forecasted inflow volumes at 105,000 AF (178% of average), 72,000 AF (141% of average), and 48,000 AF (138% of average), respectively. The August observed forecast of the April-July unregulated inflow volume into Flaming Gorge Reservoir is 1,159,000 AF (118% of average).

The next Flaming Gorge Working Group meeting is scheduled for April 23, 2015, at 11:00 a.m. to be held in the Utah Department of Natural Resources building in Vernal, Utah. The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stake holders of Flaming Gorge Dam. The public

is encouraged to attend and comment on the operations and plans presented by Reclamation at these meetings. Meeting notes from past Working Group meetings are posted on the Working Group webpage. For more information on this group and these meetings please contact Heather Patno at 801-524-3883.

Aspinall Unit Reservoirs – September unregulated inflow into Blue Mesa Reservoir was 48,000 acre-feet or 126 percent of average. Precipitation during September was observed to be about 160 percent of average, a welcome relief. The current inflow rate into Blue Mesa Reservoir is about 900 cfs and reservoir releases are averaging about 1300 cfs. Blue Mesa's present elevation is 7491.71 feet, which corresponds to a storage content of about 595,000 acre-feet. The unregulated reservoir inflow into Blue Mesa Reservoir during water year 2014 was 1.145 million acre-feet, or about 120 percent of average.

Releases from Crystal have recently increased to help with the trout survey in the Gunnison River. After the fish survey, Crystal releases will be reduced from 1,550 down to 1350 cfs. Current diversions into the Gunnison Tunnel are approximately 950 cfs. Flows in the Gunnison River below the tunnel are about 650 cfs and will be returning to 450 cfs by October 10th.

Pursuant to the Aspinall Unit Operations Record of Decision (ROD), the baseflow target in the lower Gunnison River, as measured at the Whitewater gage, is 1050 cfs for September through December. Flows in the lower Gunnison River are currently above the baseflow target of 1050 cfs. River flows have remained relatively high due to the September rains and flows are expected to stay above the October baseflow target for the foreseeable future.

The last meeting of the "Aspinall Unit Working Group" was held on Thursday, September 4, 2014 at the Elk Creek Visitors Center at Blue Mesa Reservoir. At this meeting, review of this spring's reservoir operations, and plans for this summer and fall operations were discussed. These meetings are open forum discussions on the Aspinall Unit reservoir operations with many interested groups participating. Anyone needing further information about these meetings should contact Erik Knight in the Grand Junction Area Office at (970) 248-0629.

Navajo Reservoir – Reclamation has been releasing 350 cfs from Navajo Reservoir since September 24th, 2014. Releases are made for the authorized purposes of the Navajo Unit, and to attempt to maintain a target base flow through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell). The San Juan River Basin Recovery Implementation Program recommends a target base flow of between 500 cfs and 1,000 cfs through the critical habitat area. The target base flow is calculated as the weekly average of gaged flows throughout the critical habitat area.

Navajo was at 6037.0 ft of pool elevation and 1,080,632 acre-ft of storage by the end of September, which was 78% of average for the end of the month. Observed inflow into Navajo was 46,919 af, (modified-unregulated inflow volume of 22,978 af) which was 88% of average for September. Calculated evaporation for the month was 2,296 acre-

ft. Navajo's releases varied between 650 cfs at the beginning of the month to a reduction to 350 cfs by the end of the month. Over the month, the released averaged out at 513 cfs. Navajo Reservoir recorded 1.22 inches of liquid precipitation (84% of average). NIIP diverted a total of 21,847 and has diverted a total of 198,757 af since the beginning of the year.

As of October 5th, the release at Navajo (as measured at the USGS at Archuleta gage) was 323 cfs, and the observed inflow is 1074 cfs. NIIP is diverting 144 cfs. The reservoir elevation is 6037.88 ft and the content is 1,090,073 acre-ft, or 64% full (41% of Active). The San Juan River at Four Corners USGS gage is at 1,100 cfs, and the Animas River at Farmington USGS gage is at 1,080 cfs.

The most probable modified-unregulated inflow forecast for October at Navajo is 35,000 acre-ft (74% of average), for November is 25,000 acre-ft (75% of average), and for December is 20,000 acre-ft (80% of average). The reservoir is forecast to reach a minimum overwinter storage level of 6033.98 ft (1,049,232 af) in mid-February.

The last public operations meeting was held on August 26th at the Farmington Civic Center. Meeting notes are available on the USBR website. The next operations meeting is scheduled for Tuesday, January 20th 2015.

Glen Canyon Dam / Lake Powell

Current Status

The unregulated inflow volume to Lake Powell in September was 511 thousand acre-feet (kaf) (125% of average). The release volume from Glen Canyon Dam in September was 604 kaf. The end of September elevation and storage of Lake Powell were 3,605.5 feet (94 feet from full pool) and 12.29 million acre-feet (maf) (51% of full capacity), respectively. The reservoir elevation is now declining and is expected to continue to decline until spring 2015.

The water year 2014 unregulated inflow volume to Lake Powell was 10.381 maf (96% of average), which was significantly higher than inflows observed in 2012 and 2013 (45% and 47% of average, respectively). The end of water year 2014 elevation and storage of Lake Powell were 3,605.5 feet (94 feet from full pool) and 12.29 million acre-feet (maf) (51% of full capacity), respectively. This is 1.4 maf more than the 2013 end of water year storage which was 10.93 maf (45% of capacity), and 14.2 feet higher than the end of 2013 elevation, which was 3591.3 feet.

Releases for water year 2014 totaled 7.480 maf. Pursuant to the Interim Guidelines, Lake Powell operated under the Mid-Elevation Release Tier in 2014. Throughout water year 2014, Reclamation adjusted operations of Glen Canyon Dam to release the appropriate annual volume during 2014 to achieve Mid-Elevation Release Tier objectives as practicably as possible by September 30, 2014.

Current Operations

The operating tier for water year 2015 was established in August 2014 as the Upper Elevation Balancing Tier, with an initial water year release volume of 8.23 maf and the potential for an April adjustment to equalization or balancing releases in April 2015. An April adjustment to balancing releases is projected to occur and Lake Powell is currently projected to release 9.0 maf in water year 2015. Reclamation will schedule operations at Glen Canyon Dam to achieve as practicably as possible the appropriate total annual release volume by September 30, 2014.

In October, the release volume will be approximately 600 kaf, with fluctuations between about 7,000 cfs in the nighttime to about 13,000 cfs in the daytime and consistent with the Glen Canyon Operating Criteria (Federal Register, Volume 62, No. 41, March 3, 1997).

The anticipated release volume for November is 600 kaf with fluctuations for power generation throughout the day consistent with the Glen Canyon Operating Criteria (Federal Register, Volume 62, No. 41, March 3, 1997). However, the release volume may be adjusted in the event of a High Flow Experiment. Under the High-Flow Protocol, high flow releases are linked to sediment input and other resource conditions below Glen Canyon Dam. Preliminary analysis appears favorable for a high flow experimental release to occur during the week of November 9th, 2014. During the High Flow Experiment, total releases from Glen Canyon Dam at full bypass may reach approximately 37,500 cfs for up to 96 hours. The total experiment, including ramping, could last up to about five and a half days. In the event of a high flow experiment, releases from Glen Canyon Dam prior to and after the high flow experiment are anticipated to fluctuate between about 7,000cfs and 9,000cfs. Further data collection, modeling, and analysis prior to the end of October may modify the expected duration and/or magnitude of the HFE. A final determination on the timing, magnitude and duration of a potential fall 2014 HFE will likely be made near the end of October.

In addition to daily scheduled fluctuations for power generation, the instantaneous releases from Glen Canyon Dam may also fluctuate to provide 40 MW of system regulation. These instantaneous release adjustments stabilize the electrical generation and transmission system and translate to a range of about 1,200 cfs above or below the hourly scheduled release rate. Under system normal conditions, fluctuations for regulation are typically short lived and generally balance out over the hour with minimal or no noticeable impacts on downstream river flow conditions.

Releases from Glen Canyon Dam can also fluctuate beyond scheduled releases when called upon to respond to unscheduled power outages or power system emergencies. Depending on the severity of the system emergency, the response from Glen Canyon Dam can be significant, within the full range of the operating capacity of the power plant for as long as is necessary to maintain balance in the transmission system. Glen Canyon Dam typically maintains 41MW (approximately 1,200 cfs) of generation capacity in reserve in order to respond to a system emergency even when generation rates are already high. System emergencies occur fairly infrequently and typically require small responses

from Glen Canyon Dam. However, these responses can have a noticeable impact on the river downstream of Glen Canyon Dam.

Inflow Forecasts and Model Projections

The forecast for water year 2015 unregulated inflow to Lake Powell, issued on October 1, 2014, by the Colorado Basin River Forecast Center, projects that the most probable (median) unregulated inflow volume will be 10.63 maf (98% of average based on the period 1981-2010). At this early point in the season, there is significant uncertainty regarding next year's water supply. The forecast ranges from a minimum probable of 7.4 maf (68% of average) to a maximum probable of 18.6 maf (172% of average). There is 10% chance that inflows could be higher than the maximum probable and a 10% chance they could be lower than the minimum probable.

As determined in the August 2014 24-Month study, Lake Powell's operations in water year 2015 will be governed by the Upper Elevation Balancing Tier, with an initial water year release volume of 8.23 maf and the potential for an April adjustment to equalization or balancing releases in April 2015. An April adjustment to balancing releases is projected to occur and Lake Powell is currently projected to release 9.0 maf in water year 2015. This determination will be documented in the 2015 AOP, which is currently in the final stages of development.

Based on the current forecast, the October 24-Month study projects Lake Powell elevation will end water year 2015 near 3,614 feet with approximately 13.12 maf in storage (54% capacity). Note that projections of elevation and storage have significant uncertainty at this early point in the season, primarily due to uncertainty regarding next season's snowpack and the resulting inflow to Lake Powell. Under the minimum probable inflow scenario, which was updated in October, the projected end of water year elevation and storage are 3589 feet and 10.71 maf (44% capacity), respectively. Under the maximum probable inflow scenario, which was updated in October, the projected end of water year elevation and storage are 3649 feet and 17.09 maf (70% capacity), respectively. The annual release volume from Lake Powell during water year 2015 is projected to be 9.0 maf under the minimum and most probable inflow scenarios and 12.1 maf under the maximum probable inflow scenario. There is a 10% chance that inflows will be higher, potentially resulting in higher releases; and 10% chance that inflows will be lower, potentially resulting in lower releases. If inflows are less than the current forecasted minimum probable inflow, the water year 2015 annual release could be as low as 8.23 maf. If inflows are greater than the current forecasted maximum probable inflow, the annual release could be greater than 12.1 maf.

Upper Colorado River Basin Hydrology

The Upper Colorado River Basin regularly experiences significant year to year hydrologic variability. During the 15-year period 2000 to 2014, however, the unregulated inflow to Lake Powell, which is a good measure of hydrologic conditions in the Colorado River Basin, was above average in only 3 out of the past 15 years. The period 2000-2014 is the lowest 15-year period since the closure of Glen Canyon Dam in 1963, with an average unregulated inflow of 8.20 maf, or 76% of the 30-year average

(1981-2010). (For comparison, the 1981-2010 total water year average is 10.83 maf.) The unregulated inflow during the 2000-2014 period has ranged from a low of 2.64 maf (24% of average) in water year 2002 to a high of 15.97 maf (147% of average) in water year 2011. Under the current most probable forecast, total water year 2015 unregulated inflows to Lake Powell is projected to be 10.63 maf (98% of average).

At the beginning of water year 2015, total system storage in the Colorado River Basin was 30.0 maf (50% of 59.6 maf total system capacity). This is nearly the same as the total storage at the beginning of water year 2014 which began at 29.9 maf (50% of capacity). Since the beginning of water year 2000, total Colorado Basin storage has experienced year to year increases and decreases in response to wet and dry hydrology, ranging from a high of 94% of capacity at the beginning of 2000 to a low of 50% of capacity at the beginning of water year 2014. One wet year can significantly increase total system reservoir storage, just as persistent dry years can draw down the system storage. Based on current inflow forecasts, the current projected end of water year 2015 total Colorado Basin reservoir storage is approximately 30.6 maf (51% of capacity). The actual end of water year storage may vary from this projection, primarily due to uncertainty regarding next season's snowpack and resulting runoff. Based on October minimum and maximum probable inflow forecasts and modeling the range is approximately 27.4 maf (46%) to 38.1 maf (64%), respectively.

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-430
125 SOUTH STATE STREET, ROOM 6107
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-3709

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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:	Obs			sep	Forecast		
:	jun	jul	aug	sep	%Avg	oct	nov	dec
GLDA3:Lake Powell	3039	838	517	511	125%:	750/	500/	380/
GBRW4:Fontenelle	427	220	98	69	150%:	85/	60/	40/
GRNU1:Flaming Gorge	472	226	126	103	187%:	105/	72/	48/
BMDC2:Blue Mesa	361	117	64	48	126%:	45/	35/	28/
MPSC2:Morrow Point	379	120	64	49	121%:	46/	37/	30/
CLSC2:Crystal	414	130	69	53	113%:	52/	41/	35/
TPIC2:Taylor Park	49	18.6	11.5	9.4	127%:	8/	5.5/	5/
VCRC2:Vallecito	47	15.4	13.8	23	132%:	15/	8/	6/
NVRN5:Navajo	116	14.0	14.2	41	95%:	35/	25/	20/
LEMC2:Lemon	9.7	3.3	3.9	6.3	155%:	3/	1.5/	1/
MPHC2:McPhee	44	9.5	7.7	14.2	125%:	11/	7/	4.4/
RBSC2:Ridgway	42	17.9	11.5	12.1	124%:	9/	6.5/	5/

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

October 2014 24-Month Study

Most Probable Inflow*

Fontenelle Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Oct 2013	53	1	19	24	43	6492.11	241
H	Nov 2013	41	1	51	4	55	6489.91	226
I	Dec 2013	30	1	61	0	61	6485.02	195
S	Jan 2014	29	1	61	0	61	6479.35	163
T	Feb 2014	29	0	55	0	55	6474.06	136
O	Mar 2014	56	0	71	0	71	6470.70	121
R	Apr 2014	101	1	83	1	84	6474.33	138
I	May 2014	272	1	96	126	222	6483.58	186
C	Jun 2014	427	2	104	254	364	6492.90	247
A	Jul 2014	220	3	90	1	117	6506.25	347
L	Aug 2014	98	2	100	1	108	6504.71	335
*	Sep 2014	69	2	21	66	87	6502.07	314
	WY 2014	**1424**	**15**	**811**	**478**	**1328**		
	Oct 2014	85	1	95	0	95	6500.60	303
	Nov 2014	60	1	77	0	77	6498.18	285
	Dec 2014	40	1	80	0	80	6492.48	245
	Jan 2015	38	1	80	0	80	6486.00	202
	Feb 2015	35	1	72	0	72	6479.56	164
	Mar 2015	55	0	98	10	108	6468.11	111
	Apr 2015	87	1	90	14	104	6463.55	94
	May 2015	175	1	96	11	108	6478.70	160
	Jun 2015	325	2	101	119	220	6495.04	263
	Jul 2015	195	3	104	19	123	6504.29	332
	Aug 2015	73	2	92	0	92	6501.53	311
	Sep 2015	42	2	37	31	68	6497.89	283
	WY 2015	**1210**	**15**	**1022**	**204**	**1227**		
	Oct 2015	46	1	70	0	70	6494.41	258
	Nov 2015	41	1	68	0	68	6490.43	231
	Dec 2015	32	1	70	0	70	6484.44	192
	Jan 2016	30	1	70	0	70	6477.21	152
	Feb 2016	28	0	63	0	63	6469.39	117
	Mar 2016	53	0	70	0	70	6464.99	99
	Apr 2016	85	1	77	0	77	6467.01	107
	May 2016	164	1	97	6	104	6479.81	166
	Jun 2016	299	2	101	106	207	6494.12	256
	Jul 2016	178	3	96	0	96	6504.62	335
	Aug 2016	77	2	92	0	92	6502.32	317
	Sep 2016	46	2	73	0	73	6498.46	287
	WY 2016	**1078**	**14**	**947**	**112**	**1059**		

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

October 2014 24-Month Study

Most Probable Inflow*

Flaming Gorge Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	Oct 2013	68	58	6	51	0	51	113	6015.35	2819	108
H	Nov 2013	41	55	3	48	0	48	114	6015.47	2823	92
I	Dec 2013	32	62	2	49	0	49	114	6015.79	2834	66
S	Jan 2014	33	65	2	49	0	49	115	6016.19	2847	77
T	Feb 2014	46	71	2	45	0	45	116	6016.89	2871	88
O	Mar 2014	86	100	3	49	1	50	117	6018.21	2917	123
R	Apr 2014	128	111	5	50	0	50	120	6019.75	2971	306
I	May 2014	333	283	8	53	0	53	128	6025.67	3185	594
C	Jun 2014	472	409	10	208	85	293	132	6028.39	3287	775
A	Jul 2014	226	123	13	105	0	105	132	6028.51	3292	208
L	Aug 2014	126	136	13	122	0	122	132	6028.53	3293	190
*	Sep 2014	99	118	11	116	0	116	132	6028.31	3284	170
	WY 2014	**1689**	**1594**	**77**	**945**	**86**	**1032**				**2799**
	Oct 2014	105	115	7	92	0	92	133	6028.72	3300	92
	Nov 2014	72	89	3	84	0	84	133	6028.77	3302	84
	Dec 2014	48	88	2	123	0	123	131	6027.84	3267	123
	Jan 2015	48	90	2	123	0	123	130	6026.96	3233	123
	Feb 2015	50	87	2	111	0	111	129	6026.29	3208	111
	Mar 2015	110	163	3	154	0	154	129	6026.44	3214	154
	Apr 2015	145	162	5	149	0	149	130	6026.66	3222	149
	May 2015	270	203	8	182	0	182	130	6026.98	3234	182
	Jun 2015	390	285	10	228	0	228	132	6028.17	3279	228
	Jul 2015	220	148	14	94	0	94	133	6029.19	3318	94
	Aug 2015	82	101	13	94	0	94	133	6029.06	3313	94
	Sep 2015	50	76	11	91	0	91	132	6028.40	3288	91
	WY 2015	**1590**	**1607**	**80**	**1524**	**0**	**1524**				**1524**
	Oct 2015	55	79	7	94	0	94	131	6027.85	3267	94
	Nov 2015	50	76	3	91	0	91	131	6027.39	3249	91
	Dec 2015	35	73	2	94	0	94	130	6026.80	3227	94
	Jan 2016	40	80	2	94	0	94	129	6026.40	3212	94
	Feb 2016	45	80	2	88	0	88	129	6026.14	3203	88
	Mar 2016	102	120	3	94	0	94	130	6026.73	3225	94
	Apr 2016	134	125	5	109	0	109	130	6027.03	3236	109
	May 2016	245	185	8	190	0	190	130	6026.70	3223	190
	Jun 2016	390	297	10	107	0	107	137	6031.22	3396	107
	Jul 2016	210	129	14	111	0	111	137	6031.33	3401	111
	Aug 2016	89	104	13	111	0	111	136	6030.85	3382	111
	Sep 2016	55	83	11	107	0	107	135	6029.96	3347	107
	WY 2016	**1449**	**1431**	**80**	**1288**	**0**	**1288**				**1288**

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

October 2014 24-Month Study

Most Probable Inflow*

Taylor Park Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Oct 2013	7	6	9310.82	71
H	Nov 2013	5	5	9310.99	71
I	Dec 2013	5	5	9310.93	71
S	Jan 2014	5	5	9310.93	71
T	Feb 2014	4	4	9311.08	72
O	Mar 2014	5	5	9310.72	71
R	Apr 2014	12	13	9310.23	70
I	May 2014	31	27	9312.59	74
C	Jun 2014	49	28	9324.29	95
A	Jul 2014	19	25	9320.83	88
L	Aug 2014	12	19	9316.50	81
*	Sep 2014	9	13	9314.21	77
	WY 2014	**161**	**154**		
	Oct 2014	8	10	9313.01	75
	Nov 2014	6	6	9312.71	74
	Dec 2014	5	6	9312.10	73
	Jan 2015	5	6	9311.18	72
	Feb 2015	4	6	9309.93	70
	Mar 2015	4	6	9308.66	68
	Apr 2015	7	6	9309.30	69
	May 2015	27	16	9315.97	80
	Jun 2015	42	22	9326.79	100
	Jul 2015	15	22	9323.15	93
	Aug 2015	9	20	9317.12	82
	Sep 2015	7	16	9311.80	73
	WY 2015	**138**	**142**		
	Oct 2015	6	8	9310.84	71
	Nov 2015	5	6	9310.22	70
	Dec 2015	5	6	9309.39	69
	Jan 2016	4	6	9308.34	67
	Feb 2016	4	6	9306.90	65
	Mar 2016	4	6	9305.87	64
	Apr 2016	9	6	9307.69	66
	May 2016	28	14	9316.41	81
	Jun 2016	42	22	9327.04	100
	Jul 2016	20	22	9326.09	98
	Aug 2016	10	20	9320.97	89
	Sep 2016	7	16	9316.14	80
	WY 2016	**145**	**138**		

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

October 2014 24-Month Study

Most Probable Inflow*

Blue Mesa Reservoir

	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Oct 2013	48	47	0	46	0	46	7456.34	349
H	Nov 2013	33	33	0	14	0	14	7459.38	367
I	Dec 2013	25	25	0	11	0	11	7461.56	381
S	Jan 2014	22	22	0	14	0	14	7462.81	389
T	Feb 2014	23	22	0	13	0	13	7464.31	398
O	Mar 2014	32	33	0	23	0	23	7465.76	408
R	Apr 2014	129	130	1	28	0	28	7480.43	509
I	May 2014	242	240	1	69	3	72	7501.73	676
C	Jun 2014	361	338	1	185	142	353	7499.76	659
A	Jul 2014	117	123	1	118	0	118	7500.15	663
L	Aug 2014	64	72	1	104	0	104	7496.00	629
*	Sep 2014	48	52	1	81	0	81	7492.28	599
	WY 2014	**1145**	**1138**	**8**	**708**	**145**	**879**		
	Oct 2014	45	47	1	54	0	54	7491.32	592
	Nov 2014	35	36	0	25	0	25	7492.63	602
	Dec 2014	28	29	0	55	0	55	7489.28	576
	Jan 2015	26	28	0	68	0	68	7483.94	535
	Feb 2015	23	25	0	63	0	63	7478.75	497
	Mar 2015	35	37	0	47	0	47	7477.30	486
	Apr 2015	70	69	1	39	0	39	7481.34	516
	May 2015	210	199	1	105	0	105	7493.49	609
	Jun 2015	260	240	1	52	0	52	7515.61	795
	Jul 2015	95	102	2	93	0	93	7516.40	802
	Aug 2015	52	63	1	117	0	117	7510.17	747
	Sep 2015	38	47	1	110	0	110	7502.65	683
	WY 2015	**917**	**921**	**9**	**828**	**0**	**828**		
	Oct 2015	38	40	1	60	0	60	7500.15	663
	Nov 2015	31	32	0	50	0	50	7497.93	644
	Dec 2015	26	27	0	90	0	90	7490.00	581
	Jan 2016	24	26	0	73	0	73	7483.81	534
	Feb 2016	22	25	0	51	0	51	7480.21	508
	Mar 2016	36	38	0	32	0	32	7480.92	513
	Apr 2016	77	74	1	42	0	42	7485.17	544
	May 2016	221	207	1	116	0	116	7496.65	634
	Jun 2016	261	241	1	76	0	76	7515.90	798
	Jul 2016	117	119	2	113	0	113	7516.40	803
	Aug 2016	63	73	1	120	0	120	7510.99	754
	Sep 2016	38	47	1	110	0	110	7503.47	690
	WY 2016	**955**	**948**	**9**	**932**	**0**	**932**		

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

October 2014 24-Month Study

Most Probable Inflow*

Morrow Point Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Oct 2013	50	46	2	48	47	1	50	7152.26	111
H	Nov 2013	34	14	1	15	0	0	15	7152.65	111
I	Dec 2013	26	11	1	12	0	0	16	7147.65	107
S	Jan 2014	24	14	2	16	0	0	16	7148.51	108
T	Feb 2014	24	13	2	14	12	0	14	7148.21	108
O	Mar 2014	33	23	1	24	25	0	25	7146.76	107
R	Apr 2014	143	28	13	41	42	0	42	7146.13	106
I	May 2014	268	72	26	98	93	0	93	7152.55	111
C	Jun 2014	379	353	18	372	295	63	382	7138.91	101
A	Jul 2014	120	118	3	122	82	8	110	7153.91	112
L	Aug 2014	64	104	1	105	104	0	104	7154.40	113
*	Sep 2014	49	81	1	82	82	0	82	7153.75	112
	WY 2014	**1215**	**879**	**70**	**949**	**782**	**73**	**949**		
	Oct 2014	46	54	1	55	55	0	55	7153.73	112
	Nov 2014	37	25	2	27	27	0	27	7153.73	112
	Dec 2014	30	55	2	57	57	0	57	7153.73	112
	Jan 2015	27	68	1	69	69	0	69	7153.73	112
	Feb 2015	24	63	1	64	64	0	64	7153.73	112
	Mar 2015	37	47	2	49	49	0	49	7153.73	112
	Apr 2015	80	39	10	49	49	0	49	7153.73	112
	May 2015	233	105	23	128	128	0	128	7153.73	112
	Jun 2015	280	52	20	72	72	0	72	7153.73	112
	Jul 2015	99	93	4	97	97	0	97	7153.73	112
	Aug 2015	54	117	2	119	119	0	119	7153.73	112
	Sep 2015	40	110	2	112	112	0	112	7153.73	112
	WY 2015	**987**	**828**	**70**	**898**	**898**	**0**	**898**		
	Oct 2015	40	60	2	62	62	0	62	7153.73	112
	Nov 2015	33	50	2	52	52	0	52	7153.73	112
	Dec 2015	28	90	2	92	92	0	92	7153.73	112
	Jan 2016	27	73	2	75	75	0	75	7153.73	112
	Feb 2016	25	51	3	54	54	0	54	7153.73	112
	Mar 2016	40	32	4	36	36	0	36	7153.73	112
	Apr 2016	88	42	11	53	53	0	53	7153.73	112
	May 2016	247	116	26	142	142	0	142	7153.73	112
	Jun 2016	281	76	20	96	96	0	96	7153.73	112
	Jul 2016	123	113	6	119	119	0	119	7153.73	112
	Aug 2016	67	120	3	123	123	0	123	7153.73	112
	Sep 2016	41	110	3	113	113	0	113	7153.73	112
	WY 2016	**1040**	**932**	**84**	**1017**	**1017**	**0**	**1017**		

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

October 2014 24-Month Study

Most Probable Inflow*

Crystal Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
*	Oct 2013	55	50	5	54	56	0	56	6741.56	14	36	22
H	Nov 2013	40	15	6	21	15	4	19	6748.85	16	0	19
I	Dec 2013	30	16	4	20	20	0	20	6749.68	16	0	20
S	Jan 2014	27	16	3	19	6	14	20	6746.01	15	1	20
T	Feb 2014	29	14	5	19	3	17	20	6743.52	14	1	20
O	Mar 2014	39	25	6	31	30	0	31	6744.65	15	1	30
R	Apr 2014	154	42	11	53	53	0	53	6743.26	14	28	26
I	May 2014	297	93	29	122	88	22	118	6758.88	19	52	69
C	Jun 2014	414	382	35	417	108	126	419	6751.56	17	61	378
A	Jul 2014	130	110	10	120	119	2	120	6749.06	16	67	59
L	Aug 2014	69	104	4	109	108	0	108	6749.65	16	65	48
*	Sep 2014	53	82	4	86	84	3	87	6747.57	15	62	26
	WY 2014	**1337**	**949**	**123**	**1071**	**690**	**187**	**1071**			**374**	**738**
	Oct 2014	52	55	6	61	59	0	59	6753.04	17	30	29
	Nov 2014	41	27	4	31	31	0	31	6753.04	17	0	31
	Dec 2014	35	57	5	62	62	0	62	6753.04	17	0	62
	Jan 2015	32	69	5	74	74	0	74	6753.04	17	0	74
	Feb 2015	27	64	3	67	67	0	67	6753.04	17	0	67
	Mar 2015	43	49	6	55	55	0	55	6753.04	17	5	50
	Apr 2015	91	49	11	60	60	0	60	6753.04	17	30	30
	May 2015	265	128	32	160	134	26	160	6753.04	17	55	105
	Jun 2015	310	72	30	102	102	0	102	6753.04	17	60	42
	Jul 2015	110	97	11	108	108	0	108	6753.04	17	65	43
	Aug 2015	61	119	7	126	126	0	126	6753.04	17	65	61
	Sep 2015	46	112	6	118	118	0	118	6753.04	17	55	63
	WY 2015	**1113**	**898**	**126**	**1024**	**997**	**26**	**1023**			**365**	**658**
	Oct 2015	46	62	6	68	68	0	68	6753.04	17	30	38
	Nov 2015	38	52	5	57	57	0	57	6753.04	17	0	57
	Dec 2015	32	92	5	97	97	0	97	6753.04	17	0	97
	Jan 2016	31	75	5	80	80	0	80	6753.04	17	0	80
	Feb 2016	29	54	4	57	57	0	57	6753.04	17	0	57
	Mar 2016	46	36	6	42	42	0	42	6753.04	17	5	37
	Apr 2016	101	53	12	66	66	0	66	6753.04	17	30	36
	May 2016	281	142	34	176	134	42	176	6753.04	17	55	121
	Jun 2016	315	96	34	130	130	0	130	6753.04	17	60	70
	Jul 2016	138	119	14	133	133	0	133	6753.04	17	65	68
	Aug 2016	75	123	8	132	132	0	132	6753.04	17	65	67
	Sep 2016	47	113	6	119	119	0	119	6753.04	17	55	64
	WY 2016	**1179**	**1017**	**140**	**1156**	**1114**	**42**	**1156**			**365**	**791**

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Managing Water in the West

October 2014 24-Month Study

Most Probable Inflow*

Vallecito Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Oct 2013	18	2	7646.84	80
H	Nov 2013	10	2	7650.16	87
I	Dec 2013	7	2	7652.32	93
S	Jan 2014	6	2	7653.61	96
T	Feb 2014	5	2	7654.41	98
O	Mar 2014	7	11	7653.05	94
R	Apr 2014	28	16	7657.59	106
I	May 2014	59	43	7663.60	122
C	Jun 2014	47	50	7662.12	118
A	Jul 2014	15	38	7653.12	95
L	Aug 2014	14	32	7645.08	75
*	Sep 2014	22	28	7642.43	70
	WY 2014	**238**	**229**		
	Oct 2014	15	15	7642.34	69
	Nov 2014	8	1	7645.21	76
	Dec 2014	6	2	7647.11	80
	Jan 2015	5	2	7648.55	84
	Feb 2015	4	1	7649.61	86
	Mar 2015	7	2	7651.78	91
	Apr 2015	20	1	7658.99	109
	May 2015	65	50	7664.54	124
	Jun 2015	65	65	7664.25	123
	Jul 2015	27	42	7658.52	108
	Aug 2015	18	38	7650.41	88
	Sep 2015	15	30	7644.00	73
	WY 2015	**255**	**248**		
	Oct 2015	14	17	7642.54	70
	Nov 2015	8	1	7645.56	77
	Dec 2015	6	2	7647.60	81
	Jan 2016	5	2	7649.20	85
	Feb 2016	5	1	7650.53	88
	Mar 2016	9	2	7653.34	95
	Apr 2016	23	1	7661.72	117
	May 2016	71	63	7664.51	124
	Jun 2016	70	70	7664.40	124
	Jul 2016	29	41	7659.49	111
	Aug 2016	20	38	7652.24	92
	Sep 2016	17	29	7647.49	81
	WY 2016	**279**	**267**		

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Most Probable Inflow*

Navajo Reservoir

	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azetea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Farmington Flow (1000 Ac-Ft)
*	Oct 2013	57	3	38	1	4	15	6024.13	951	45
H	Nov 2013	35	1	26	1	0	16	6025.11	960	43
I	Dec 2013	26	0	21	0	0	16	6025.59	965	39
S	Jan 2014	19	0	16	0	0	17	6025.41	963	36
T	Feb 2014	23	0	21	1	0	18	6025.70	966	35
O	Mar 2014	52	2	53	1	4	18	6028.76	996	41
R	Apr 2014	123	14	98	2	21	18	6034.32	1053	64
I	May 2014	176	20	141	3	31	17	6042.68	1142	115
C	Jun 2014	116	19	98	4	39	20	6045.77	1177	148
A	Jul 2014	14	2	35	4	44	29	6042.03	1135	64
L	Aug 2014	14	1	32	3	37	39	6037.72	1088	61
*	Sep 2014	39	1	47	2	22	31	6036.99	1081	64
	WY 2014	**696**	**62**	**626**	**23**	**203**	**253**			**756**
	Oct 2014	35	1	34	1	32	21	6035.04	1060	21
	Nov 2014	25	0	18	1	1	21	6034.64	1056	21
	Dec 2014	20	0	16	1	1	22	6033.94	1049	22
	Jan 2015	17	0	14	1	0	22	6033.10	1040	22
	Feb 2015	22	0	19	1	0	19	6033.02	1039	19
	Mar 2015	65	1	58	1	5	22	6035.95	1070	22
	Apr 2015	130	13	99	2	19	21	6041.27	1127	21
	May 2015	260	37	208	3	33	49	6052.07	1250	49
	Jun 2015	190	32	158	4	48	77	6054.51	1280	77
	Jul 2015	45	7	53	4	52	22	6052.39	1254	22
	Aug 2015	33	1	52	3	44	26	6050.55	1232	26
	Sep 2015	32	1	46	3	24	22	6050.30	1229	22
	WY 2015	**874**	**93**	**774**	**25**	**259**	**342**			**342**
	Oct 2015	39	1	40	2	9	22	6051.01	1237	22
	Nov 2015	31	1	23	1	0	21	6051.11	1239	21
	Dec 2015	25	0	20	1	0	22	6050.94	1237	22
	Jan 2016	22	0	18	1	0	22	6050.58	1232	22
	Feb 2016	30	0	27	1	0	20	6051.07	1238	20
	Mar 2016	92	2	83	2	5	22	6055.64	1293	22
	Apr 2016	170	15	133	2	20	29	6062.20	1376	29
	May 2016	277	41	228	4	33	216	6060.26	1351	216
	Jun 2016	224	33	190	4	49	193	6055.75	1295	193
	Jul 2016	66	7	71	4	52	22	6055.18	1288	22
	Aug 2016	45	1	61	3	44	22	6054.50	1279	22
	Sep 2016	43	1	53	3	24	21	6055.00	1285	21
	WY 2016	**1064**	**103**	**950**	**26**	**237**	**630**			**630**

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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October 2014 24-Month Study

Most Probable Inflow*

Lake Powell

	Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry Gage (1000 Ac-Ft)
*	Oct 2013	549	475	30	481	0	481	3590.88	4926	10900	483
H	Nov 2013	476	435	29	553	143	696	3587.90	4904	10631	695
I	Dec 2013	295	291	23	601	0	601	3584.43	4880	10324	595
S	Jan 2014	270	271	7	800	0	800	3578.69	4840	9828	811
T	Feb 2014	330	321	7	599	0	599	3575.55	4819	9563	604
O	Mar 2014	509	444	12	504	0	504	3574.76	4813	9497	510
R	Apr 2014	964	774	19	502	0	502	3577.56	4832	9732	512
I	May 2014	2082	1632	24	493	0	493	3589.38	4915	10764	498
C	Jun 2014	3039	2676	42	598	0	598	3609.19	5066	12649	609
A	Jul 2014	838	730	53	800	0	800	3608.05	5056	12535	814
L	Aug 2014	517	615	53	801	0	801	3605.82	5039	12314	818
*	Sep 2014	511	622	48	604	0	604	3605.53	5037	12286	621
	WY 2014	**10381**	**9287**	**347**	**7337**	**143**	**7480**				**7570**
	Oct 2014	750	763	34	600	0	600	3606.74	5046	12405	609
	Nov 2014	500	499	33	600	0	600	3605.49	5036	12282	610
	Dec 2014	380	484	26	800	0	800	3602.24	5011	11965	808
	Jan 2015	340	462	8	800	0	800	3598.89	4985	11645	811
	Feb 2015	380	479	8	650	0	650	3597.13	4972	11478	657
	Mar 2015	640	658	14	650	0	650	3597.08	4972	11473	656
	Apr 2015	1040	935	23	600	0	600	3600.13	4995	11763	609
	May 2015	2400	2065	28	650	0	650	3613.12	5097	13047	658
	Jun 2015	2650	2247	48	800	0	800	3625.39	5201	14343	808
	Jul 2015	800	708	59	1000	0	1000	3622.39	5175	14018	1017
	Aug 2015	400	515	57	1050	0	1050	3617.21	5131	13469	1069
	Sep 2015	350	478	52	800	0	800	3613.86	5104	13123	813
	WY 2015	**10630**	**10293**	**389**	**9000**	**0**	**9000**				**9124**
	Oct 2015	464	517	35	600	0	600	3612.79	5095	13013	609
	Nov 2015	450	502	34	600	0	600	3611.59	5085	12891	610
	Dec 2015	363	482	27	800	0	800	3608.42	5059	12572	808
	Jan 2016	361	463	8	800	0	800	3605.19	5034	12252	811
	Feb 2016	393	455	9	650	0	650	3603.26	5019	12064	657
	Mar 2016	665	589	15	650	0	650	3602.54	5013	11994	656
	Apr 2016	1056	889	23	600	0	600	3605.06	5033	12239	609
	May 2016	2343	2196	29	650	0	650	3618.87	5145	13644	658
	Jun 2016	2666	2250	50	800	0	800	3630.78	5249	14941	808
	Jul 2016	1091	1002	62	1000	0	1000	3630.29	5245	14886	1017
	Aug 2016	500	601	61	1050	0	1050	3626.04	5207	14414	1069
	Sep 2016	408	534	55	800	0	800	3623.31	5183	14117	813
	WY 2016	**10760**	**10481**	**408**	**9000**	**0**	**9000**				**9124**

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RECLAMATION
Managing Water in the West

October 2014 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Glen Release (1000 Ac-Ft)	Side Inflow Glen to Hoover (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Oct 2013	481	38	47	733	11.9	19	718	786	1104.04	12099
H	Nov 2013	696	101	47	513	8.6	12	510	800	1106.36	12310
I	Dec 2013	601	43	40	558	9.1	9	556	802	1106.73	12344
S	Jan 2014	800	45	33	605	9.8	8	604	815	1108.75	12531
T	Feb 2014	599	76	31	717	12.9	8	716	810	1107.94	12456
O	Mar 2014	504	29	34	1090	17.7	13	1087	773	1101.71	11888
R	Apr 2014	502	17	41	1134	19.1	20	1130	731	1094.55	11254
I	May 2014	493	13	46	1086	17.7	30	1084	692	1087.46	10639
C	Jun 2014	598	10	54	959	16.1	28	803	665	1082.66	10233
A	Jul 2014	800	54	67	943	15.3	27	941	654	1080.60	10061
L	Aug 2014	801	112	71	735	12.0	23	727	659	1081.55	10140
*	Sep 2014	604	138	58	686	11.5	18	684	658	1081.33	10121
	WY 2014	**7480**	**675**	**567**	**9759**		**214**	**9561**			
	Oct 2014	600	52	43	513	8.3	26	513	662	1082.13	10188
	Nov 2014	600	52	43	627	10.5	17	627	660	1081.75	10157
	Dec 2014	800	95	37	569	9.3	10	569	677	1084.87	10419
	Jan 2015	800	75	30	722	11.7	8	722	684	1086.14	10527
	Feb 2015	650	78	28	594	10.7	7	594	690	1087.23	10620
	Mar 2015	650	68	31	1018	16.6	15	1018	669	1083.39	10294
	Apr 2015	600	80	38	1131	19.0	21	1131	638	1077.63	9815
	May 2015	650	60	43	1020	16.6	29	1020	615	1073.21	9456
	Jun 2015	800	23	51	937	15.7	30	937	603	1070.92	9273
	Jul 2015	1000	64	64	911	14.8	31	911	606	1071.60	9327
	Aug 2015	1050	116	68	825	13.4	29	825	621	1074.45	9556
	Sep 2015	800	97	57	749	12.6	16	749	626	1075.31	9626
	WY 2015	**9000**	**861**	**533**	**9615**		**240**	**9615**			
	Oct 2015	600	52	42	495	8.1	21	495	631	1076.40	9715
	Nov 2015	600	52	42	638	10.7	11	638	629	1075.96	9679
	Dec 2015	800	95	36	566	9.2	8	566	647	1079.23	9947
	Jan 2016	800	75	30	611	9.9	7	611	660	1081.80	10161
	Feb 2016	650	78	28	677	11.8	9	677	661	1081.96	10174
	Mar 2016	650	68	31	1042	17.0	14	1042	639	1077.78	9828
	Apr 2016	600	80	37	1119	18.8	20	1119	608	1072.03	9361
	May 2016	650	60	42	1008	16.4	33	1008	586	1067.62	9011
	Jun 2016	800	23	50	922	15.5	30	922	575	1065.46	8843
	Jul 2016	1000	64	62	898	14.6	33	898	579	1066.31	8909
	Aug 2016	1050	116	67	812	13.2	29	812	595	1069.40	9152
	Sep 2016	800	97	56	728	12.2	20	728	601	1070.50	9239
	WY 2016	**9000**	**861**	**522**	**9518**		**233**	**9518**			

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October 2014 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Oct 2013	733	-13	15	768	0	768	12.5	637.86	1560
H	Nov 2013	513	4	11	531	0	531	8.9	636.95	1537
I	Dec 2013	558	-10	9	470	0	470	7.6	639.57	1606
S	Jan 2014	605	-7	10	552	0	552	9.0	640.94	1643
T	Feb 2014	717	-22	10	658	0	658	11.9	641.96	1670
O	Mar 2014	1090	-12	13	1074	0	1074	17.5	641.61	1661
R	Apr 2014	1134	-21	17	1054	0	1054	17.7	643.13	1702
I	May 2014	1086	-17	22	1023	0	1022	16.6	644.01	1726
C	Jun 2014	959	-19	25	947	0	947	15.9	642.83	1694
A	Jul 2014	943	-10	25	900	0	900	14.6	643.10	1701
L	Aug 2014	735	-6	23	697	0	697	11.3	643.43	1711
*	Sep 2014	686	-6	18	727	0	727	12.2	641.03	1645
	WY 2014	**9759**	**-139**	**198**	**9400**	**0**	**9400**			
	Oct 2014	513	-2	15	655	0	655	10.7	635.00	1486
	Nov 2014	627	-13	10	578	0	578	9.7	636.00	1512
	Dec 2014	569	-17	9	472	0	472	7.7	638.71	1583
	Jan 2015	722	-14	10	615	0	615	10.0	641.80	1666
	Feb 2015	594	-10	10	574	0	574	10.3	641.80	1666
	Mar 2015	1018	-15	13	956	0	956	15.5	643.05	1700
	Apr 2015	1131	-17	17	1098	0	1098	18.5	643.00	1699
	May 2015	1020	-13	22	985	0	985	16.0	643.00	1699
	Jun 2015	937	-14	25	925	0	925	15.5	642.00	1671
	Jul 2015	911	-10	25	889	0	889	14.5	641.50	1658
	Aug 2015	825	-11	23	791	0	791	12.9	641.50	1658
	Sep 2015	749	-4	18	767	0	767	12.9	640.01	1617
	WY 2015	**9615**	**-141**	**197**	**9304**	**0**	**9304**			
	Oct 2015	495	-2	15	662	0	662	10.8	633.00	1434
	Nov 2015	638	-13	10	564	0	564	9.5	635.00	1486
	Dec 2015	566	-17	9	442	0	442	7.2	638.71	1583
	Jan 2016	611	-14	10	504	0	504	8.2	641.80	1666
	Feb 2016	677	-10	10	657	0	657	11.4	641.80	1666
	Mar 2016	1042	-15	13	980	0	980	15.9	643.05	1700
	Apr 2016	1119	-17	17	1087	0	1087	18.3	643.00	1699
	May 2016	1008	-13	22	973	0	973	15.8	643.00	1699
	Jun 2016	922	-14	25	910	0	910	15.3	642.00	1671
	Jul 2016	898	-10	25	876	0	876	14.2	641.50	1658
	Aug 2016	812	-11	23	779	0	779	12.7	641.50	1658
	Sep 2016	728	-4	18	746	0	746	12.5	640.01	1617
	WY 2016	**9518**	**-141**	**197**	**9180**	**0**	**9180**			

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

October 2014 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

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	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	Oct 2013	768	19	12	467	7.6	99	186	447.91	578	70	1.1
H	Nov 2013	531	25	9	314	5.3	77	144	448.37	587	89	1.5
I	Dec 2013	470	7	7	285	4.6	100	138	445.37	531	99	1.6
S	Jan 2014	552	13	6	353	5.7	101	84	446.23	547	131	2.1
T	Feb 2014	658	19	8	450	8.1	48	130	448.13	582	162	2.9
O	Mar 2014	1074	-3	9	809	13.1	90	176	447.05	562	260	4.2
R	Apr 2014	1054	24	11	756	12.7	105	178	448.11	582	241	4.0
I	May 2014	1022	-4	13	694	11.3	110	184	448.48	589	115	1.9
C	Jun 2014	947	10	15	713	12.0	95	133	447.90	578	112	4.5
A	Jul 2014	900	17	17	685	11.1	105	93	448.27	585	118	1.9
L	Aug 2014	697	25	17	495	8.1	106	99	448.10	582	100	1.6
*	Sep 2014	727	15	15	474	8.0	102	140	448.17	583	90	1.5
	WY 2014	**9400**	**167**	**140**	**6496**		**1137**	**1685**			**1587**	
	Oct 2014	655	25	12	438	7.1	105	131	447.50	571	55	0.9
	Nov 2014	578	31	9	363	6.1	100	132	447.50	571	86	1.4
	Dec 2014	472	23	7	263	4.3	103	137	446.50	552	97	1.6
	Jan 2015	615	16	6	357	5.8	92	171	446.50	552	130	2.1
	Feb 2015	574	11	8	438	7.9	40	91	446.50	552	161	2.9
	Mar 2015	956	17	9	732	11.9	75	144	446.70	555	205	3.3
	Apr 2015	1098	21	11	806	13.6	89	166	448.70	593	205	3.4
	May 2015	985	21	13	717	11.7	92	172	448.70	593	113	1.8
	Jun 2015	925	17	16	700	11.8	89	123	448.70	593	111	1.9
	Jul 2015	889	29	17	723	11.8	92	85	448.00	580	119	1.9
	Aug 2015	791	27	17	622	10.1	92	84	447.50	571	100	1.6
	Sep 2015	767	25	15	556	9.3	89	122	447.50	570	89	1.5
	WY 2015	**9304**	**263**	**139**	**6716**		**1059**	**1559**			**1473**	
	Oct 2015	662	25	12	457	7.4	81	129	447.50	571	55	0.9
	Nov 2015	564	31	9	376	6.3	78	126	447.50	571	103	1.7
	Dec 2015	442	23	7	279	4.5	81	113	446.50	552	108	1.7
	Jan 2016	504	16	6	348	5.7	70	92	446.50	552	125	2.0
	Feb 2016	657	11	8	437	7.6	64	152	446.50	552	156	2.7
	Mar 2016	980	17	9	732	11.9	70	174	446.70	555	201	3.3
	Apr 2016	1087	21	11	816	13.7	67	167	448.70	593	212	3.6
	May 2016	973	21	13	726	11.8	70	173	448.70	593	111	1.8
	Jun 2016	910	17	16	709	11.9	67	122	448.70	593	109	1.8
	Jul 2016	876	29	17	730	11.9	70	87	448.00	580	111	1.8
	Aug 2016	779	27	17	630	10.2	70	86	447.50	571	105	1.7
	Sep 2016	746	25	15	560	9.4	67	120	447.50	570	102	1.7
	WY 2016	**9180**	**263**	**139**	**6802**		**855**	**1542**			**1498**	

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

October 2014 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Oct 2013	733	11.9	1104.04	12099	-263	460.18	1332.0	300.5	77	410.1
H	Nov 2013	513	8.6	1106.36	12310	212	465.65	1179.0	209.8	68	408.7
I	Dec 2013	558	9.1	1106.73	12344	34	463.77	1188.0	230.3	68	412.8
S	Jan 2014	605	9.8	1108.75	12531	186	465.47	746.0	250.9	43	414.5
T	Feb 2014	717	12.9	1107.94	12456	-75	461.16	1415.0	298.2	81	415.9
O	Mar 2014	1090	17.7	1101.71	11888	-567	457.72	1234.0	451.5	71	414.3
R	Apr 2014	1134	19.1	1094.55	11254	-635	447.66	1146.0	459.8	68	405.6
I	May 2014	1086	17.7	1087.46	10639	-615	440.39	1341.0	431.0	81	397.1
C	Jun 2014	959	16.1	1082.66	10233	-406	437.98	1541.0	372.9	93	388.7
A	Jul 2014	943	15.3	1080.60	10061	-172	434.94	1615.0	363.6	100	385.7
L	Aug 2014	735	12.0	1081.55	10140	79	436.53	1493.0	279.3	94	379.9
*	Sep 2014	686	11.5	1081.33	10121	-18	437.59	1493.0	262.1	94	382.2
	WY 2014	**9759**							**3910.2**		
	Oct 2014	513	8.3	1082.13	10188	67	433.47	1282.0	199.7	81	389.6
	Nov 2014	627	10.5	1081.75	10157	-32	436.75	1073.0	243.7	68	388.8
	Dec 2014	569	9.3	1084.87	10419	262	436.99	1072.0	220.9	67	388.2
	Jan 2015	722	11.7	1086.14	10527	108	436.94	1133.0	284.7	71	394.3
	Feb 2015	594	10.7	1087.23	10620	93	439.10	835.0	236.0	52	397.5
	Mar 2015	1018	16.6	1083.39	10294	-326	435.27	1123.0	404.6	71	397.4
	Apr 2015	1131	19.0	1077.63	9815	-479	429.64	1168.0	450.2	75	398.2
	May 2015	1020	16.6	1073.21	9456	-359	423.90	1249.0	390.7	82	383.1
	Jun 2015	937	15.7	1070.92	9273	-183	418.99	1513.0	354.5	100	378.4
	Jul 2015	911	14.8	1071.60	9327	54	418.68	1518.0	342.0	100	375.3
	Aug 2015	825	13.4	1074.45	9556	229	420.59	1534.0	314.2	100	381.0
	Sep 2015	749	12.6	1075.31	9626	70	422.91	1539.0	285.0	100	380.5
	WY 2015	**9615**							**3726.3**		
	Oct 2015	495	8.1	1076.40	9715	89	428.11	1238.0	190.2	80	384.1
	Nov 2015	638	10.7	1075.96	9679	-36	431.20	1169.0	244.8	76	383.5
	Dec 2015	566	9.2	1079.23	9947	268	430.16	1267.0	214.9	81	380.0
	Jan 2016	611	9.9	1081.80	10161	213	430.78	1286.0	234.9	82	384.4
	Feb 2016	677	11.8	1081.96	10174	14	430.48	1383.0	261.1	88	385.6
	Mar 2016	1042	17.0	1077.78	9828	-347	429.86	1103.8	410.7	71	393.9
	Apr 2016	1119	18.8	1072.03	9361	-466	424.08	1146.6	439.2	75	392.4
	May 2016	1008	16.4	1067.62	9011	-350	418.35	1225.8	380.3	82	377.3
	Jun 2016	922	15.5	1065.46	8843	-169	413.52	1484.5	343.6	100	372.5
	Jul 2016	898	14.6	1066.31	8909	66	413.36	1489.3	331.9	100	369.6
	Aug 2016	812	13.2	1069.40	9152	243	415.47	1506.7	305.1	100	375.7
	Sep 2016	728	12.2	1070.50	9239	88	418.02	1512.9	273.0	100	374.9
	WY 2016	**9518**							**3629.8**		

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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RECLAMATION
Managing Water in the West

October 2014 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Oct 2013	768	12.5	637.86	1560	-63	136.18	196.4	94.7	77	123.3
H	Nov 2013	531	8.9	636.95	1537	-24	137.13	158.1	61.5	62	115.9
I	Dec 2013	470	7.6	639.57	1606	69	136.36	173.4	59.4	68	126.5
S	Jan 2014	552	9.0	640.94	1643	37	139.11	163.2	68.9	64	124.9
T	Feb 2014	658	11.9	641.96	1670	28	138.63	173.4	84.5	68	128.3
O	Mar 2014	1074	17.5	641.61	1661	-10	138.63	252.5	134.6	99	125.3
R	Apr 2014	1054	17.7	643.13	1702	42	141.55	255.0	132.2	100	125.4
I	May 2014	1023	16.6	644.01	1726	24	143.52	255.0	127.7	100	124.9
C	Jun 2014	947	15.9	642.83	1694	-32	141.57	255.0	119.3	100	126.0
A	Jul 2014	900	14.6	643.10	1701	7	143.48	244.8	112.8	96	125.4
L	Aug 2014	697	11.3	643.43	1711	9	143.79	252.5	88.3	99	126.7
*	Sep 2014	727	12.2	641.03	1645	-65	138.41	255.0	91.5	100	126.0
	WY 2014	**9400**							**1175.6**		
	Oct 2014	655	10.7	635.00	1486	-160	132.68	191.3	80.1	75	122.3
	Nov 2014	578	9.7	636.00	1512	26	132.05	135.2	69.5	53	120.3
	Dec 2014	472	7.7	638.71	1583	71	133.69	142.8	57.9	56	122.8
	Jan 2015	615	10.0	641.80	1666	83	135.97	163.2	76.6	64	124.5
	Feb 2015	574	10.3	641.80	1666	0	136.77	186.2	72.2	73	125.8
	Mar 2015	956	15.5	643.05	1700	34	135.44	255.0	119.1	100	124.6
	Apr 2015	1098	18.5	643.00	1699	-2	136.07	255.0	136.4	100	124.3
	May 2015	985	16.0	643.00	1699	0	136.04	255.0	123.1	100	125.0
	Jun 2015	925	15.5	642.00	1671	-27	135.51	255.0	115.3	100	124.7
	Jul 2015	889	14.5	641.50	1658	-14	134.73	255.0	110.5	100	124.3
	Aug 2015	791	12.9	641.50	1658	0	134.46	255.0	98.6	100	124.6
	Sep 2015	767	12.9	640.01	1617	-40	133.68	255.0	95.0	100	123.9
	WY 2015	**9304**							**1154.3**		
	Oct 2015	662	10.8	633.00	1434	-183	129.77	234.6	79.9	92	120.9
	Nov 2015	564	9.5	635.00	1486	51	127.90	209.1	67.2	82	119.1
	Dec 2015	442	7.2	638.71	1583	97	130.45	224.4	54.2	88	122.5
	Jan 2016	504	8.2	641.80	1666	83	135.97	163.2	63.1	64	125.2
	Feb 2016	657	11.4	641.80	1666	0	137.17	173.4	82.4	68	125.4
	Mar 2016	980	15.9	643.05	1700	34	135.44	255.0	122.0	100	124.5
	Apr 2016	1087	18.3	643.00	1699	-2	136.07	255.0	135.1	100	124.3
	May 2016	973	15.8	643.00	1699	0	136.04	255.0	121.7	100	125.0
	Jun 2016	910	15.3	642.00	1671	-27	135.51	255.0	113.6	100	124.7
	Jul 2016	876	14.2	641.50	1658	-14	134.73	255.0	108.9	100	124.4
	Aug 2016	779	12.7	641.50	1658	0	134.46	255.0	97.1	100	124.7
	Sep 2016	746	12.5	640.01	1617	-40	133.68	255.0	92.6	100	124.1
	WY 2016	**9180**							**1137.7**		

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

October 2014 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
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	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Oct 2013	467	7.6	447.91	578	18	83.28	96.0	31.7	80	67.9
H	Nov 2013	314	5.3	448.37	587	9	82.63	92.4	22.1	77	70.5
I	Dec 2013	285	4.6	445.37	531	-56	80.69	91.2	19.0	76	66.8
S	Jan 2014	353	5.7	446.23	547	16	80.02	90.0	24.2	75	68.4
T	Feb 2014	450	8.1	448.13	582	35	82.38	92.4	31.2	77	69.4
O	Mar 2014	809	13.1	447.05	562	-20	77.18	106.8	55.4	89	68.5
R	Apr 2014	756	12.7	448.11	582	20	80.82	120.0	52.3	100	69.1
I	May 2014	694	11.3	448.48	589	7	80.45	106.8	49.2	89	70.8
C	Jun 2014	713	12.0	447.90	578	-11	81.61	120.0	49.8	100	69.8
A	Jul 2014	685	11.1	448.27	585	7	82.46	120.0	47.9	100	70.0
L	Aug 2014	495	8.1	448.10	582	-3	81.82	120.0	35.2	100	71.2
*	Sep 2014	474	8.0	448.17	583	1	82.36	91.2	33.7	76	70.9
	WY 2014	**6495**							**451.6**		
	Oct 2014	438	7.1	447.50	571	-13	76.62	90.0	28.9	75	66.0
	Nov 2014	363	6.1	447.50	571	0	75.98	96.0	23.6	80	64.9
	Dec 2014	263	4.3	446.50	552	-19	74.40	120.0	16.3	100	62.2
	Jan 2015	357	5.8	446.50	552	0	75.13	93.6	22.9	78	64.2
	Feb 2015	438	7.9	446.50	552	0	75.13	93.6	28.6	78	65.2
	Mar 2015	732	11.9	446.70	555	4	74.53	108.0	47.9	90	65.5
	Apr 2015	806	13.6	448.70	593	38	75.08	120.0	53.2	100	66.0
	May 2015	717	11.7	448.70	593	0	76.05	120.0	47.7	100	66.5
	Jun 2015	700	11.8	448.70	593	0	76.05	120.0	46.6	100	66.5
	Jul 2015	723	11.8	448.00	580	-13	75.71	120.0	48.0	100	66.3
	Aug 2015	622	10.1	447.50	571	-9	75.13	120.0	40.8	100	65.5
	Sep 2015	556	9.3	447.50	570	0	74.89	120.0	36.3	100	65.2
	WY 2015	**6716**							**440.7**		
	Oct 2015	457	7.4	447.50	571	0	76.04	94.8	30.0	79	65.6
	Nov 2015	376	6.3	447.50	571	0	75.69	102.0	24.4	85	64.8
	Dec 2015	279	4.5	446.50	552	-19	74.40	120.0	17.4	100	62.5
	Jan 2016	348	5.7	446.50	552	0	75.01	96.0	22.2	80	64.0
	Feb 2016	437	7.6	446.50	552	0	75.13	93.6	28.5	78	65.1
	Mar 2016	732	11.9	446.70	555	4	74.01	120.0	47.6	100	65.0
	Apr 2016	816	13.7	448.70	593	38	75.08	120.0	53.9	100	66.1
	May 2016	726	11.8	448.70	593	0	76.05	120.0	48.3	100	66.5
	Jun 2016	709	11.9	448.70	593	0	76.05	120.0	47.2	100	66.6
	Jul 2016	730	11.9	448.00	580	-13	75.71	120.0	48.4	100	66.3
	Aug 2016	630	10.2	447.50	571	-9	75.13	120.0	41.3	100	65.6
	Sep 2016	560	9.4	447.50	570	0	74.89	120.0	36.5	100	65.2
	WY 2016	**6802**							**445.8**		

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

October 2014 24-Month Study

Most Probable Inflow*

Upper Basin Power

	Date	Glen Canyon 1000 MWHR	Flaming Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Reservoir 1000 MWHR	Fontenelle Reservoir 1000 MWHR
*	Oct 2013	202	19	12	16	10	1
H	Nov 2013	231	18	3	0	1	4
I	Dec 2013	253	19	3	0	1	5
S	Jan 2014	337	19	3	0	0	4
T	Feb 2014	247	17	3	4	0	4
O	Mar 2014	207	19	6	8	4	4
	Winter 2014	**1477**	**110**	**30**	**28**	**17**	**22**
R	Apr 2014	206	19	7	13	9	5
I	May 2014	204	20	19	32	17	6
C	Jun 2014	260	80	54	103	21	7
A	Jul 2014	354	41	35	29	22	8
L	Aug 2014	353	48	31	37	21	9
*	Sep 2014	266	46	23	29	16	2
	Summer 2014	**1643**	**255**	**169**	**243**	**106**	**37**
	Oct 2014	241	34	16	20	10	9
	Nov 2014	240	31	7	10	5	7
	Dec 2014	319	45	16	21	11	7
	Jan 2015	316	45	20	25	13	7
	Feb 2015	256	41	18	23	12	6
	Mar 2015	255	56	13	18	10	7
	Winter 2015	**1627**	**251**	**91**	**116**	**60**	**42**
	Apr 2015	236	54	11	18	10	6
	May 2015	259	67	31	46	23	6
	Jun 2015	328	84	16	26	18	8
	Jul 2015	414	34	29	35	19	10
	Aug 2015	431	34	37	43	22	9
	Sep 2015	327	33	34	40	20	3
	Summer 2015	**1995**	**306**	**158**	**208**	**112**	**42**
	Oct 2015	243	34	18	22	12	6
	Nov 2015	242	33	15	19	10	6
	Dec 2015	322	34	27	33	17	6
	Jan 2016	319	34	21	27	14	5
	Feb 2016	258	32	15	19	10	4
	Mar 2016	257	34	9	13	7	4
	Winter 2016	**1642**	**202**	**105**	**134**	**69**	**32**
	Apr 2016	238	40	12	19	11	5
	May 2016	262	69	34	51	23	7
	Jun 2016	332	39	23	35	22	8
	Jul 2016	419	41	35	43	23	9
	Aug 2016	438	41	38	44	23	9
	Sep 2016	332	39	34	41	21	7
	Summer 2016	**1690**	**230**	**143**	**192**	**103**	**37**

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

October 2014 24-Month Study

Most Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions

Date	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Total KAF	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****CREDITABLE SPACE****										
Oct 2014	495	230	615	12036	13377	17256	30633	495	230	615	1341	12036	17256	30633	3040	513	0	30.1
Nov 2014	491	238	636	11917	13281	17189	30470	491	238	636	1364	11917	17189	30470	3810	627	0	30.0
Dec 2014	507	228	640	12040	13415	17220	30635	507	228	640	1374	12040	17220	30635	4580	569	0	29.9
Jan 2015	583	254	647	12357	13840	16958	30799	583	254	647	1484	12357	16958	30799	5350	722	0	29.6
								****EFFECTIVE SPACE****										
Jan 2015	583	254	647	12357	13840	16958	30799	192	252	378	822	12357	16958	30137	5350	722	0	29.6
Feb 2015	659	294	656	12677	14286	16850	31137	267	294	386	947	12677	16850	30475	1500	594	0	29.4
Mar 2015	721	333	657	12844	14555	16757	31312	328	333	386	1047	12844	16757	30648	1500	1018	0	29.1
Apr 2015	769	343	626	12849	14587	17083	31670	372	343	350	1065	12849	17083	30996	1500	1131	0	29.0
May 2015	778	314	569	12559	14221	17562	31782	376	314	272	961	12559	17562	31082	1500	1020	0	30.3
Jun 2015	700	221	446	11275	12641	17921	30563	288	210	112	610	11275	17921	29806	1500	937	0	31.7
Jul 2015	553	34	416	9979	10982	18104	29086	126	2	31	159	9979	18104	28242	1500	911	0	31.5
								****CREDITABLE SPACE****										
Aug 2015	444	27	442	10304	11217	18050	29267	444	27	442	913	10304	18050	29267	1500	825	0	31.1
Sep 2015	471	82	464	10853	11869	17821	29690	471	82	464	1017	10853	17821	29690	2270	749	0	30.6
Oct 2015	523	146	467	11199	12335	17751	30086	523	146	467	1136	11199	17751	30086	3040	495	0	30.4
Nov 2015	569	167	459	11309	12503	17662	30165	569	167	459	1195	11309	17662	30165	3810	638	0	30.2
Dec 2015	614	185	457	11431	12687	17698	30385	614	185	457	1256	11431	17698	30385	4580	566	0	30.1
Jan 2016	674	248	459	11750	13132	17430	30562	674	248	459	1382	11750	17430	30562	5350	611	0	30.0
								****EFFECTIVE SPACE****										
Jan 2016	674	248	459	11750	13132	17430	30562	374	248	229	851	11750	17430	30030	5350	611	0	30.0
Feb 2016	729	295	464	12070	13558	17216	30774	427	295	232	955	12070	17216	30241	1500	677	0	29.7
Mar 2016	775	322	458	12258	13813	17203	31015	470	322	225	1018	12258	17203	30478	1500	1042	0	29.4
Apr 2016	770	317	403	12328	13818	17549	31368	462	317	163	942	12328	17549	30820	1500	1119	0	29.4
May 2016	751	285	320	12083	13439	18016	31455	437	285	59	781	12083	18016	30879	1500	1008	0	30.5
Jun 2016	705	195	345	10678	11923	18366	30289	382	189	47	618	10678	18366	29662	1500	922	0	32.0
Jul 2016	442	32	401	9381	10256	18534	28790	99	4	50	154	9381	18534	28069	1500	898	0	32.1
								****CREDITABLE SPACE****										
Aug 2016	359	27	408	9436	10231	18468	28699	359	27	408	794	9436	18468	28699	1500	812	0	31.7
Sep 2016	395	75	417	9908	10795	18225	29021	395	75	417	887	9908	18225	29021	2270	728	0	31.4

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2180

Processed On: 10/8/2014 3:56:15PM

November 24-Month Study
Date: November 13, 2014

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

Reservoir	October Inflow (unregulated) (acre-feet)	Percent of Average (%)	November 12 Midnight Elevation (feet)	Reservoir Storage (acre-feet)
Fontenelle	85,000	175	6501.08	306,000
Flaming Gorge	105,000	178	6028.65	3,297,000
Blue Mesa	55,000	145	7491.36	592,000
Navajo	68,000	145	6038.58	1,098,000
Powell	715,000	140	3603.92	12,128,000

Expected Operations

The operation of Lake Powell and Lake Mead in this November 2014 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines), and reflects the 2014 Annual Operating Plan (AOP) and the draft 2015 AOP. Pursuant to the Interim Guidelines, the August 2014 24-Month Study projections of the January 1, 2015, system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2015.

Consistent with Section 6.B of the Interim Guidelines, the Lake Powell operational tier for water year 2015 is the Upper Elevation Balancing Tier, with an initial water year release volume of 8.23 maf and the potential for an April adjustment to equalization or balancing releases in April 2015. This November 2014 24-Month Study projects that, consistent with Section 6.B.4 of the Interim Guidelines, an April adjustment to balancing releases is likely to occur and Lake Powell is currently projected to release 9.0 maf in water year 2015.

Consistent with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar years 2014 and 2015.

The tier determinations will be documented in the 2015 AOP, which is currently in the final stages of development.

The Interim Guidelines are available for download at:
http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The 2014 AOP is available for download at:
http://www.usbr.gov/lc/region/g4000/aop/AOP14.pdf.
The draft 2015 AOP is available for download at
http://www.usbr.gov/uc/water/rsvrs/ops/aop/AOP15_draft.pdf.

Fontenelle Reservoir – Inflows to Fontenelle Reservoir for the month of October were 85,000 acre-feet (AF), or 175 percent of average. The reservoir elevation is 6501 feet, 89 percent of live capacity. Inflows are averaging 1,000 cubic feet per second (cfs). Fontenelle releases are currently at 1,250 cfs and will remain at this level through spring.

Inflows for the next three months are projected to be above average: with November, December and January forecasted inflow volumes at 58,000 AF (138% of average), 42,000 AF (131% of average), and 40,000 AF (132% of average), respectively.

The next Fontenelle Working Group meeting is scheduled for April 22, 2015, at 10:00 am at Seedskadee Wildlife Refuge in Green River, Wyoming. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir.

Flaming Gorge Reservoir – Unregulated inflow into Flaming Gorge Reservoir during the month of October was 105,000 acre-feet (AF), or 178 percent of average. The reservoir elevation is 6,028.6 feet. Observed inflows are averaging 1,200 cubic feet per second (cfs).

Flaming Gorge releases are currently 1,300 cfs average daily release with hourly fluctuations for hydropower through November. Releases will be increased to an average daily release of approximately 2,000 cfs with fluctuations for hydropower during December through February.

Inflows for the next three months are projected to be above average: with November, December and January forecasted inflow volumes at 72,000 AF (141% of average), 50,000 AF (143% of average), and 50,000 AF (124% of average), respectively.

The next Flaming Gorge Working Group meeting is scheduled for April 23, 2015, at 11:00 a.m. to be held in the Utah Department of Natural Resources building in Vernal, Utah. The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stake holders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations and plans presented by Reclamation at these meetings. Meeting notes from past Working Group meetings are

posted on the Working Group webpage. For more information on this group and these meetings please contact Heather Patno at 801-524-3883.

Aspinall Unit Reservoirs – October unregulated inflow into Blue Mesa Reservoir was 55,000 acre-feet or 145 percent of average. Precipitation during October was observed to be about 60 percent of average. The current inflow rate into Blue Mesa Reservoir is about 650 cfs while reservoir releases are averaging about 400 cfs. Blue Mesa's present elevation is 7491.36 feet, which corresponds to a storage content of about 592,000 acre-feet. The unregulated reservoir inflow into Blue Mesa Reservoir during water year 2014 was 1.145 million acre-feet, or about 120 percent of average.

Releases from Crystal are currently set at 350 cfs. The Gunnison Diversion Tunnel was shut down for the season on October 31st, with exception of some small 50 to 100 cfs diversions taken bi-weekly for municipal water needs in Montrose, Colorado. River flows below the tunnel are essentially the same as releases from the Dam. With Blue Mesa Reservoir being above the winter target elevation of 7490 feet, Aspinall reservoir releases maybe increasing over the remainder of November through December to help meet icing target.

Pursuant to the Aspinall Unit Operations Record of Decision (ROD), the baseflow target in the lower Gunnison River, as measured at the Whitewater gage, is 1050 cfs for September through December. Flows in the lower Gunnison River are currently above the baseflow target of 1050 cfs. River flows have remained relatively high due to the September rains and flows are expected to stay above the October baseflow target for the foreseeable future.

On November 3, 2014, the National Weather Service's River Forecasting Center issued its forecasted inflow into Blue Mesa for the next 3 months. The unregulated inflow forecast for November, December, and January is for 90,000 acre-feet, which is 111% of average for these months.

The next operation meeting is scheduled for 1:00 p.m., Thursday, January 22rd, 2015 at the Holiday Inn Express in Montrose, Colorado. At this meeting, review of last summer and fall reservoir operations, and plans for this winter and next spring 2015 operations will be discussed. These meetings are open forum discussions on the Aspinall Unit reservoir operations with many interested groups participating. Anyone needing further information about these meetings should contact Erik Knight in the Grand Junction Area Office at (970) 248-0629.

Navajo Reservoir – Reclamation has been releasing 350 cfs from Navajo Reservoir since September 24th, 2014. Releases are made for the authorized purposes of the Navajo Unit, and to attempt to maintain a target base flow through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell). The San Juan River Basin Recovery Implementation Program recommends a target base flow of between 500 cfs and 1,000 cfs through the critical habitat area. The target base flow is calculated as the weekly average of gaged flows throughout the critical habitat area.

Navajo was at 6038.5 ft of pool elevation and 1,096,364 acre-ft of storage by the end of October, which was 80% of average for the end of the month. Observed inflow into Navajo was 45,972 af, (modified-unregulated inflow volume of 67,803 af) which was 91% of average for October. Calculated evaporation for the month was 1,459 acre-ft. Navajo's release was 350 cfs for the duration of the month. Navajo Reservoir recorded 0.24 inches of liquid precipitation (20% of average). NIIP ceased diversions for the year on October 20th.

As of November 4th, the release at Navajo (as measured at the USGS at Archuleta gage) was 356 cfs, and the observed inflow is 574 cfs. The reservoir elevation is 6038.53 ft and the content is 1,097,005 acre-ft, or 64% full (42% of Active). The San Juan River at Four Corners USGS gage is at 940 cfs, and the Animas River at Farmington USGS gage is at 508 cfs

The most probable modified-unregulated inflow forecast* for November at Navajo is 30,000 acre-ft (90% of average), for December is 22,000 acre-ft (88% of average), and for January is 19,000 acre-ft (87% of average). The reservoir is forecast to reach a minimum overwinter storage level of 6037.38 ft (1,084,755 af) in mid-February.

The last public operations meeting was held on August 26th at the Farmington Civic Center. Meeting notes are available on the USBR website. The next operations meeting is scheduled for Tuesday, January 20th 2015.

Glen Canyon Dam / Lake Powell

Current Status
The unregulated inflow volume to Lake Powell in October was 716 thousand acre-feet (kaf) (140% of average). The release volume from Glen Canyon Dam in October was 598 kaf. The end of October elevation and storage of Lake Powell were 3,605.6 feet (94 feet from full pool) and 12.29 million acre-feet (maf) (51% of full capacity), respectively. The reservoir elevation is now declining and is expected to continue to decline until spring 2015.

Current Operations
The operating tier for water year 2015 was established in August 2014 as the Upper Elevation Balancing Tier, with an initial water year release volume of 8.23 maf and the potential for an April adjustment to equalization or balancing releases in April 2015. An April adjustment to balancing releases is projected to occur and Lake Powell is currently projected to release 9.0 maf in water year 2015. Reclamation will schedule operations at Glen Canyon Dam to achieve as practicably as possible the appropriate total annual release volume by September 30, 2015.

On November 10-15, 2014, the Department of Interior is conducting a high flow experimental (HFE) release from Glen Canyon Dam in accordance with the High Flow Protocol (Protocol). Under this Protocol, high flow releases are linked to sediment input

and other resource conditions below Glen Canyon Dam. This HFE will be the third conducted under the Protocol. Beginning on the morning of November 10th, releases from Glen Canyon Dam were increased up to full power plant capacity (approximately 22,500 cfs). At midday on November 10th, bypass tubes at Glen Canyon Dam were opened and releases continued to increase up to full power plant and bypass capacity (approximately 37,500 cfs) by the evening of November 10th. Releases will be maintained at peak release for 4 days (96 hours) and then begin ramping back down. Releases will return to normal operations in the afternoon of November 15th. The entire experiment, including ramping is expected to last 5 and a half days. November releases from Glen Canyon Dam prior to and after the HFE are expected to fluctuate between 6,500cfs and 9,000cfs. The elevation of Lake Powell is expected to decrease approximately 2 ½ to 3 feet during the 5 and a half day experiment. The total release in November, including the HFE, is anticipated to be approximately 770 kaf. The annual release volume from Lake Powell will not change as a result of the HFE.

In December, the release volume will be approximately 866 kaf, with fluctuations anticipated between about 9,500 cfs in the nighttime to about 17,500 cfs in the daytime and consistent with the Glen Canyon Operating Criteria (Federal Register, Volume 62, No. 41, March 3, 1997). The anticipated release volume for January is 866 kaf.

In addition to daily scheduled fluctuations for power generation, the instantaneous releases from Glen Canyon Dam may also fluctuate to provide 40 MW of system regulation. These instantaneous release adjustments stabilize the electrical generation and transmission system and translate to a range of about 1,200 cfs above or below the hourly scheduled release rate. Under system normal conditions, fluctuations for regulation are typically short lived and generally balance out over the hour with minimal or no noticeable impacts on downstream river flow conditions.

Releases from Glen Canyon Dam can also fluctuate beyond scheduled releases when called upon to respond to unscheduled power outages or power system emergencies. Depending on the severity of the system emergency, the response from Glen Canyon Dam can be significant, within the full range of the operating capacity of the power plant for as long as is necessary to maintain balance in the transmission system. Glen Canyon Dam typically maintains 41MW (approximately 1,200 cfs) of generation capacity in reserve in order to respond to a system emergency even when generation rates are already high. System emergencies occur fairly infrequently and typically require small responses from Glen Canyon Dam. However, these responses can have a noticeable impact on the river downstream of Glen Canyon Dam.

Inflow Forecasts and Model Projections

The forecast for water year 2015 unregulated inflow to Lake Powell, issued on November 1, 2014, by the Colorado Basin River Forecast Center, projects that the most probable (median) unregulated inflow volume will be 9.55 maf (88% of average based on the period 1981-2010). This is about a 1 maf decrease from the forecast issued last month. At this early point in the season, there is significant uncertainty regarding next year's water supply. The forecast ranges from a minimum probable of 7.4 maf (68% of

average) to a maximum probable of 18.6 maf (172% of average). There is 10% chance that inflows could be higher than the maximum probable and a 10% chance they could be lower than the minimum probable.

As determined in the August 2014 24-Month Study, Lake Powell's operations in water year 2015 will be governed by the Upper Elevation Balancing Tier, with an initial water year release volume of 8.23 maf and the potential for an April adjustment to equalization or balancing releases in April 2015. An April adjustment to balancing releases is projected to occur and Lake Powell is currently projected to release 9.0 maf in water year 2015. This determination will be documented in the 2015 Annual Operating Plan, which is currently in the final stages of development.

Based on the current forecast, the November 24-Month Study projects Lake Powell elevation will end water year 2015 near 3,603 feet with approximately 12.08 maf in storage (50% capacity). Note that projections of elevation and storage have significant uncertainty at this early point in the season, primarily due to uncertainty regarding next season's snowpack and the resulting inflow to Lake Powell. Under the minimum probable inflow scenario, which was updated in October, the projected end of water year elevation and storage are 3589 feet and 10.71 maf (44% capacity), respectively. Under the maximum probable inflow scenario, which was updated in October, the projected end of water year elevation and storage are 3649 feet and 17.09 maf (70% capacity), respectively. The annual release volume from Lake Powell during water year 2015 is projected to be 9.0 maf under the minimum and most probable inflow scenarios and 12.1 maf under the maximum probable inflow scenario. There is a 10% chance that inflows will be higher, potentially resulting in higher releases; and 10% chance that inflows will be lower, potentially resulting in lower releases. If inflows are less than the current forecasted minimum probable inflow, the water year 2015 annual release could be as low as 8.23 maf. If inflows are greater than the current forecasted maximum probable inflow, the annual release could be greater than 12.1 maf.

Upper Colorado River Basin Hydrology

The Upper Colorado River Basin regularly experiences significant year to year hydrologic variability. During the 15-year period 2000 to 2014, however, the unregulated inflow to Lake Powell, which is a good measure of hydrologic conditions in the Colorado River Basin, was above average in only 3 out of the past 15 years. The period 2000-2014 is the lowest 15-year period since the closure of Glen Canyon Dam in 1963, with an average unregulated inflow of 8.39 maf, or 78% of the 30-year average (1981-2010). (For comparison, the 1981-2010 total water year average is 10.83 maf.) The unregulated inflow during the 2000-2014 period has ranged from a low of 2.64 maf (24% of average) in water year 2002 to a high of 15.97 maf (147% of average) in water year 2011. The water year 2014 unregulated inflow volume to Lake Powell was 10.381 maf (96% of average), which was significantly higher than inflows observed in 2012 and 2013 (45% and 47% of average, respectively). Under the current most probable forecast, total water year 2015 unregulated inflows to Lake Powell is projected to be 9.55 maf (88% of average).

At the beginning of water year 2015, total system storage in the Colorado River Basin was 30.0 maf (50% of 59.6 maf total system capacity). This is nearly the same as the total storage at the beginning of water year 2014 which began at 29.9 maf (50% of capacity). Since the beginning of water year 2000, total Colorado Basin storage has experienced year to year increases and decreases in response to wet and dry hydrology, ranging from a high of 94% of capacity at the beginning of 2000 to a low of 50% of capacity at the beginning of water year 2014. One wet year can significantly increase total system reservoir storage, just as persistent dry years can draw down the system storage. Based on current inflow forecasts, the current projected end of water year 2015 total Colorado Basin reservoir storage is approximately 29.5 maf (50% of capacity). The actual end of water year storage may vary from this projection, primarily due to uncertainty regarding next season's snowpack and resulting runoff. Based on October minimum and maximum probable inflow forecasts and modeling the range is approximately 27.4 maf (46%) to 38.1 maf (64%), respectively.

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-430
125 SOUTH STATE STREET, ROOM 6107
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-3709

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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:			Obs		oct	Forecast		
:	jul	aug	sep	oct	%Avg	nov	dec	jan
GLDA3:Lake Powell	838	517	511	715	140%:	470/	370/	330/
GBRW4:Fontenelle	220	98	69	85	175%:	58/	42/	40/
GRNU1:Flaming Gorge	226	126	99	105	178%:	72/	50/	50/
BMDC2:Blue Mesa	117	64	48	55	145%:	36/	29/	25/
MPSC2:Morrow Point	120	64	49	56	138%:	37/	30/	27/
CLSC2:Crystal	130	69	53	61	130%:	42/	35/	31/
TPIC2:Taylor Park	18.6	11.6	9.4	9.2	138%:	6/	5/	4.5/
VCRC2:Vallecito	15.4	13.8	22	23	147%:	8.7/	6/	4.7/
NVRN5:Navajo	14.0	14.1	39	68	145%:	30/	22/	19/
LEMC2:Lemon	3.3	3.9	5.8	5.6	176%:	1.7/	1/	0.8/
MPHC2:McPhee	9.5	7.7	14.4	10.6	121%:	5.6/	4/	3.8/
RBSC2:Ridgway	17.9	11.5	12.1	10.3	134%:	6/	4.7/	4/

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

November 2014 24-Month Study

Most Probable Inflow*

Fontenelle Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Nov 2013	41	1	51	4	55	6489.91	226
H	Dec 2013	30	1	61	0	61	6485.02	195
I	Jan 2014	29	1	61	0	61	6479.35	163
S	Feb 2014	29	0	55	0	55	6474.06	136
T	Mar 2014	56	0	71	0	71	6470.70	121
O	Apr 2014	101	1	83	1	84	6474.33	138
R	May 2014	272	1	96	126	222	6483.58	186
I	Jun 2014	427	2	104	254	364	6492.90	247
C	Jul 2014	220	3	90	1	117	6506.25	347
A	Aug 2014	98	2	100	1	108	6504.71	335
L	Sep 2014	69	2	21	66	87	6502.07	314
	WY 2014	**1424**	**15**	**811**	**478**	**1328**		
*	Oct 2014	85	1	80	10	90	6501.37	309
	Nov 2014	58	1	70	0	70	6499.71	297
	Dec 2014	42	1	74	0	74	6495.25	264
	Jan 2015	40	1	74	0	74	6490.18	230
	Feb 2015	35	1	67	0	67	6485.24	197
	Mar 2015	55	1	101	3	105	6476.18	147
	Apr 2015	82	1	95	7	101	6471.92	127
	May 2015	155	1	99	9	108	6481.21	174
	Jun 2015	300	2	101	107	208	6495.11	263
	Jul 2015	165	3	95	0	95	6504.07	330
	Aug 2015	66	2	74	0	74	6502.78	320
	Sep 2015	42	2	36	29	65	6499.47	295
	WY 2015	**1125**	**15**	**966**	**164**	**1130**		
	Oct 2015	46	1	68	0	68	6496.34	272
	Nov 2015	41	1	65	0	65	6492.77	247
	Dec 2015	32	1	68	0	68	6487.28	210
	Jan 2016	30	1	68	0	68	6481.02	173
	Feb 2016	28	1	63	0	63	6473.89	136
	Mar 2016	53	0	68	0	68	6470.42	121
	Apr 2016	85	1	89	0	89	6469.37	116
	May 2016	164	1	98	9	108	6480.82	171
	Jun 2016	299	2	101	109	211	6494.37	258
	Jul 2016	178	3	92	0	92	6505.37	341
	Aug 2016	77	2	92	0	92	6503.09	323
	Sep 2016	46	2	73	0	73	6499.36	294
	WY 2016	**1078**	**15**	**945**	**119**	**1064**		
	Oct 2016	49	1	71	0	71	6496.18	271

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2183

Processed On: 11/12/2014 1:45:46PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

November 2014 24-Month Study

Most Probable Inflow*

Flaming Gorge Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	Nov 2013	41	55	3	48	0	48	114	6015.47	2823	92
H	Dec 2013	32	62	2	49	0	49	114	6015.79	2834	66
I	Jan 2014	33	65	2	49	0	49	115	6016.19	2847	77
S	Feb 2014	46	71	2	45	0	45	116	6016.89	2871	88
T	Mar 2014	86	100	3	49	1	50	117	6018.21	2917	123
O	Apr 2014	128	111	5	50	0	50	120	6019.75	2971	306
R	May 2014	333	283	8	53	0	53	128	6025.67	3185	594
I	Jun 2014	472	409	10	208	85	293	132	6028.39	3287	775
C	Jul 2014	226	123	13	105	0	105	132	6028.51	3292	208
A	Aug 2014	126	136	13	122	0	122	132	6028.53	3293	190
L	Sep 2014	99	118	11	116	0	116	132	6028.31	3284	170
	WY 2014	**1689**	**1594**	**77**	**945**	**86**	**1032**				**2799**
*	Oct 2014	108	112	7	92	0	92	133	6028.64	3297	159
	Nov 2014	72	84	3	84	0	84	133	6028.55	3294	84
	Dec 2014	50	82	2	123	0	123	131	6027.47	3253	123
	Jan 2015	50	84	2	123	0	123	129	6026.43	3213	123
	Feb 2015	50	82	2	111	0	111	128	6025.61	3183	111
	Mar 2015	105	155	3	129	0	129	129	6026.19	3204	129
	Apr 2015	135	154	5	125	0	125	130	6026.82	3228	125
	May 2015	250	203	8	164	0	164	131	6027.60	3257	164
	Jun 2015	360	268	10	198	0	198	133	6029.13	3315	198
	Jul 2015	185	115	14	92	0	92	134	6029.36	3325	92
	Aug 2015	75	83	13	92	0	92	133	6028.81	3303	92
	Sep 2015	48	71	11	89	0	89	132	6028.08	3275	89
	WY 2015	**1488**	**1492**	**80**	**1422**	**0**	**1422**				**1489**
	Oct 2015	54	76	7	92	0	92	131	6027.47	3253	92
	Nov 2015	49	73	3	89	0	89	130	6026.98	3234	89
	Dec 2015	35	71	2	92	0	92	129	6026.38	3212	92
	Jan 2016	40	78	2	92	0	92	129	6025.96	3196	92
	Feb 2016	45	80	2	86	0	86	128	6025.75	3188	86
	Mar 2016	102	117	3	92	0	92	129	6026.32	3209	92
	Apr 2016	134	137	5	107	0	107	130	6026.97	3233	107
	May 2016	245	189	8	190	0	190	130	6026.74	3225	190
	Jun 2016	390	301	10	107	0	107	137	6031.35	3401	107
	Jul 2016	210	125	14	111	0	111	137	6031.35	3402	111
	Aug 2016	89	104	13	111	0	111	136	6030.88	3383	111
	Sep 2016	55	82	11	107	0	107	135	6029.97	3348	107
	WY 2016	**1447**	**1433**	**80**	**1278**	**0**	**1278**				**1278**
	Oct 2016	59	81	7	111	0	111	133	6029.05	3312	111

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

November 2014 24-Month Study

Most Probable Inflow*

Taylor Park Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Nov 2013	5	5	9310.99	71
H	Dec 2013	5	5	9310.93	71
I	Jan 2014	5	5	9310.93	71
S	Feb 2014	4	4	9311.08	72
T	Mar 2014	5	5	9310.72	71
O	Apr 2014	12	13	9310.23	70
R	May 2014	31	27	9312.59	74
I	Jun 2014	49	28	9324.29	95
C	Jul 2014	19	25	9320.83	88
A	Aug 2014	12	19	9316.50	81
L	Sep 2014	10	14	9314.21	77
	WY 2014	**161**	**154**		
*	Oct 2014	9	7	9315.40	79
	Nov 2014	6	6	9315.40	79
	Dec 2014	5	6	9314.81	78
	Jan 2015	5	6	9313.93	76
	Feb 2015	4	6	9312.73	74
	Mar 2015	4	6	9311.51	72
	Apr 2015	7	6	9312.12	73
	May 2015	28	16	9319.10	85
	Jun 2015	38	24	9326.54	99
	Jul 2015	15	22	9322.90	92
	Aug 2015	9	20	9316.84	81
	Sep 2015	7	16	9311.51	72
	WY 2015	**137**	**141**		
	Oct 2015	6	8	9310.54	71
	Nov 2015	5	6	9309.92	70
	Dec 2015	5	6	9309.09	68
	Jan 2016	4	6	9308.03	67
	Feb 2016	4	6	9306.59	65
	Mar 2016	4	6	9305.55	63
	Apr 2016	9	6	9307.38	66
	May 2016	28	14	9316.14	80
	Jun 2016	42	22	9326.79	100
	Jul 2016	20	20	9326.87	100
	Aug 2016	10	20	9321.79	90
	Sep 2016	7	16	9317.02	82
	WY 2016	**145**	**136**		
	Oct 2016	7	8	9316.25	80

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
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November 2014 24-Month Study

Most Probable Inflow*

Blue Mesa Reservoir

	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Nov 2013	33	33	0	14	0	14	7459.38	367
H	Dec 2013	25	25	0	11	0	11	7461.56	381
I	Jan 2014	22	22	0	14	0	14	7462.81	389
S	Feb 2014	23	22	0	13	0	13	7464.31	398
T	Mar 2014	32	33	0	23	0	23	7465.76	408
O	Apr 2014	129	130	1	28	0	28	7480.43	509
R	May 2014	242	240	1	69	3	72	7501.73	676
I	Jun 2014	361	338	1	185	142	353	7499.76	659
C	Jul 2014	117	123	1	118	0	118	7500.15	663
A	Aug 2014	64	72	1	104	0	104	7496.00	629
L	Sep 2014	48	52	1	81	0	81	7492.28	599
	WY 2014	**1145**	**1138**	**8**	**708**	**145**	**879**		
*	Oct 2014	55	53	1	64	0	64	7490.77	587
	Nov 2014	36	36	0	30	0	30	7491.51	593
	Dec 2014	29	30	0	55	0	55	7488.27	568
	Jan 2015	25	27	0	55	0	55	7484.50	539
	Feb 2015	22	24	0	50	0	50	7480.97	513
	Mar 2015	35	37	0	44	0	44	7479.95	506
	Apr 2015	77	76	1	39	0	39	7484.85	542
	May 2015	215	203	1	95	0	95	7498.48	649
	Jun 2015	220	206	1	50	0	50	7516.51	803
	Jul 2015	88	95	2	94	0	94	7516.40	802
	Aug 2015	51	62	1	117	0	117	7510.05	746
	Sep 2015	38	47	1	110	0	110	7502.53	682
	WY 2015	**891**	**895**	**9**	**803**	**0**	**803**		
	Oct 2015	38	40	1	60	0	60	7500.02	662
	Nov 2015	31	32	0	50	0	50	7497.80	643
	Dec 2015	26	27	0	89	0	89	7490.00	581
	Jan 2016	24	26	0	73	0	73	7483.81	534
	Feb 2016	22	25	0	51	0	51	7480.21	508
	Mar 2016	36	38	0	32	0	32	7480.92	513
	Apr 2016	77	74	1	42	0	42	7485.17	544
	May 2016	221	207	1	113	0	113	7497.02	637
	Jun 2016	261	241	1	76	0	76	7516.23	801
	Jul 2016	117	117	2	114	0	114	7516.40	802
	Aug 2016	63	73	1	120	0	120	7510.99	754
	Sep 2016	38	47	1	110	0	110	7503.47	690
	WY 2016	**955**	**946**	**9**	**929**	**0**	**929**		
	Oct 2016	38	40	1	60	0	60	7500.95	669

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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RECLAMATION
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November 2014 24-Month Study

Most Probable Inflow*

Morrow Point Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Nov 2013	34	14	1	15	0	0	15	7152.65	111
H	Dec 2013	26	11	1	12	0	0	16	7147.65	107
I	Jan 2014	24	14	2	16	0	0	16	7148.51	108
S	Feb 2014	24	13	2	14	12	0	14	7148.21	108
T	Mar 2014	33	23	1	24	25	0	25	7146.76	107
O	Apr 2014	143	28	13	41	42	0	42	7146.13	106
R	May 2014	268	72	26	98	93	0	93	7152.55	111
I	Jun 2014	379	353	18	372	295	63	382	7138.91	101
C	Jul 2014	120	118	3	122	82	8	110	7153.91	112
A	Aug 2014	64	104	1	105	104	0	104	7154.40	113
L	Sep 2014	49	81	1	82	82	0	82	7153.75	112
	WY 2014	**1215**	**879**	**70**	**949**	**782**	**73**	**949**		
*	Oct 2014	56	64	1	65	49	0	68	7149.96	109
	Nov 2014	37	30	1	31	28	0	28	7153.73	112
	Dec 2014	30	55	1	56	56	0	56	7153.73	112
	Jan 2015	27	55	2	57	57	0	57	7153.73	112
	Feb 2015	24	50	2	52	52	0	52	7153.73	112
	Mar 2015	38	44	3	47	47	0	47	7153.73	112
	Apr 2015	88	39	11	50	50	0	50	7153.73	112
	May 2015	235	95	20	115	115	0	115	7153.73	112
	Jun 2015	235	50	15	65	65	0	65	7153.73	112
	Jul 2015	92	94	4	98	98	0	98	7153.73	112
	Aug 2015	54	117	3	120	120	0	120	7153.73	112
	Sep 2015	40	110	2	112	112	0	112	7153.73	112
	WY 2015	**956**	**803**	**65**	**868**	**849**	**0**	**868**		
	Oct 2015	40	60	2	62	62	0	62	7153.73	112
	Nov 2015	33	50	2	52	52	0	52	7153.73	112
	Dec 2015	28	89	2	91	91	0	91	7153.73	112
	Jan 2016	27	73	2	75	75	0	75	7153.73	112
	Feb 2016	25	51	3	54	54	0	54	7153.73	112
	Mar 2016	40	32	4	36	36	0	36	7153.73	112
	Apr 2016	88	42	11	53	53	0	53	7153.73	112
	May 2016	247	113	26	139	139	0	139	7153.73	112
	Jun 2016	281	76	20	96	96	0	96	7153.73	112
	Jul 2016	123	114	6	120	120	0	120	7153.73	112
	Aug 2016	67	120	3	123	123	0	123	7153.73	112
	Sep 2016	41	110	3	113	113	0	113	7153.73	112
	WY 2016	**1040**	**929**	**84**	**1014**	**1014**	**0**	**1014**		
	Oct 2016	41	60	3	63	63	0	63	7153.73	112

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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November 2014 24-Month Study

Most Probable Inflow*

Crystal Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
*	Nov 2013	40	15	6	21	15	4	19	6748.85	16	0	19
H	Dec 2013	30	16	4	20	20	0	20	6749.68	16	0	20
I	Jan 2014	27	16	3	19	6	14	20	6746.01	15	1	20
S	Feb 2014	29	14	5	19	3	17	20	6743.52	14	1	20
T	Mar 2014	39	25	6	31	30	0	31	6744.65	15	1	30
O	Apr 2014	154	42	11	53	53	0	53	6743.26	14	28	26
R	May 2014	297	93	29	122	88	22	118	6758.88	19	52	69
I	Jun 2014	414	382	35	417	108	126	419	6751.56	17	61	378
C	Jul 2014	130	110	10	120	119	2	120	6749.06	16	67	59
A	Aug 2014	69	104	4	109	108	0	108	6749.65	16	65	48
L	Sep 2014	53	82	4	86	84	3	87	6747.57	15	62	26
	WY 2014	**1337**	**949**	**123**	**1071**	**690**	**187**	**1071**			**374**	**738**
*	Oct 2014	61	68	5	73	74	0	74	6745.88	15	48	27
	Nov 2014	42	28	5	33	31	0	31	6753.04	17	0	31
	Dec 2014	35	56	5	61	61	0	61	6753.04	17	0	61
	Jan 2015	31	57	4	61	61	0	61	6753.04	17	0	61
	Feb 2015	27	52	3	55	55	0	55	6753.04	17	0	55
	Mar 2015	43	47	5	52	52	0	52	6753.04	17	5	47
	Apr 2015	100	50	12	62	62	0	62	6753.04	17	30	32
	May 2015	268	115	33	148	134	14	148	6753.04	17	55	93
	Jun 2015	262	65	27	92	92	0	92	6753.04	17	60	32
	Jul 2015	90	98	-2	96	96	0	96	6753.04	17	65	31
	Aug 2015	60	120	6	126	126	0	126	6753.04	17	65	61
	Sep 2015	46	112	6	118	118	0	118	6753.04	17	55	63
	WY 2015	**1065**	**868**	**109**	**978**	**962**	**14**	**976**			**383**	**594**
	Oct 2015	46	62	6	68	68	0	68	6753.04	17	30	38
	Nov 2015	38	52	5	57	57	0	57	6753.04	17	0	57
	Dec 2015	32	91	5	96	96	0	96	6753.04	17	0	96
	Jan 2016	31	75	5	80	80	0	80	6753.04	17	0	80
	Feb 2016	29	54	4	57	57	0	57	6753.04	17	0	57
	Mar 2016	46	36	6	42	42	0	42	6753.04	17	5	37
	Apr 2016	101	53	12	66	66	0	66	6753.04	17	30	36
	May 2016	281	139	34	173	134	39	173	6753.04	17	55	118
	Jun 2016	315	96	34	130	130	0	130	6753.04	17	60	70
	Jul 2016	138	120	14	134	134	0	134	6753.04	17	65	69
	Aug 2016	75	123	8	132	132	0	132	6753.04	17	65	67
	Sep 2016	47	113	6	119	119	0	119	6753.04	17	55	64
	WY 2016	**1179**	**1014**	**140**	**1153**	**1114**	**39**	**1153**			**365**	**788**
	Oct 2016	47	63	6	69	69	0	69	6753.04	17	30	39

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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Most Probable Inflow*

Vallecito Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Nov 2013	10	2	7650.16	87
H	Dec 2013	7	2	7652.32	93
I	Jan 2014	6	2	7653.61	96
S	Feb 2014	5	2	7654.41	98
T	Mar 2014	7	11	7653.05	94
O	Apr 2014	28	16	7657.59	106
R	May 2014	59	43	7663.60	122
I	Jun 2014	47	50	7662.12	118
C	Jul 2014	15	38	7653.12	95
A	Aug 2014	14	32	7645.08	75
L	Sep 2014	22	28	7642.43	70
	WY 2014	**238**	**229**		
*	Oct 2014	23	5	7650.16	87
	Nov 2014	9	3	7652.60	93
	Dec 2014	6	3	7653.88	96
	Jan 2015	5	3	7654.66	98
	Feb 2015	4	2	7655.29	100
	Mar 2015	6	2	7656.96	104
	Apr 2015	20	1	7663.89	122
	May 2015	65	62	7664.97	125
	Jun 2015	59	60	7664.53	124
	Jul 2015	23	42	7657.26	105
	Aug 2015	17	38	7648.65	84
	Sep 2015	15	30	7642.09	69
	WY 2015	**252**	**249**		
	Oct 2015	14	17	7640.60	66
	Nov 2015	8	1	7643.70	72
	Dec 2015	6	2	7645.79	77
	Jan 2016	5	2	7647.42	81
	Feb 2016	5	1	7648.78	84
	Mar 2016	9	2	7651.63	91
	Apr 2016	23	1	7660.12	112
	May 2016	71	58	7664.85	125
	Jun 2016	70	70	7664.78	125
	Jul 2016	29	41	7659.88	112
	Aug 2016	20	38	7652.66	93
	Sep 2016	17	29	7647.61	81
	WY 2016	**279**	**263**		
	Oct 2016	16	16	7647.18	80

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Managing Water in the West

November 2014 24-Month Study

Most Probable Inflow*

Navajo Reservoir

	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azetea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Farmington Flow (1000 Ac-Ft)
*	Nov 2013	35	1	26	1	0	16	6025.11	960	43
H	Dec 2013	26	0	21	0	0	16	6025.59	965	39
I	Jan 2014	19	0	16	0	0	17	6025.41	963	36
S	Feb 2014	23	0	21	1	0	18	6025.70	966	35
T	Mar 2014	52	2	53	1	4	18	6028.76	996	41
O	Apr 2014	123	14	98	2	21	18	6034.32	1053	64
R	May 2014	176	20	141	3	31	17	6042.68	1142	115
I	Jun 2014	116	19	98	4	39	20	6045.77	1177	148
C	Jul 2014	14	2	35	4	44	29	6042.03	1135	64
A	Aug 2014	14	1	32	3	37	39	6037.72	1088	61
L	Sep 2014	39	1	47	2	22	31	6036.99	1081	64
	WY 2014	**696**	**62**	**626**	**23**	**203**	**253**			**756**
*	Oct 2014	68	1	46	1	7	22	6038.47	1096	65
	Nov 2014	30	0	24	1	0	21	6038.67	1099	21
	Dec 2014	22	0	19	1	0	22	6038.36	1095	22
	Jan 2015	19	0	17	1	0	22	6037.87	1090	22
	Feb 2015	22	0	20	1	0	19	6037.87	1090	19
	Mar 2015	65	1	59	1	5	22	6040.80	1121	22
	Apr 2015	130	11	100	2	19	21	6046.05	1180	21
	May 2015	240	32	205	3	33	49	6056.19	1300	49
	Jun 2015	165	27	139	4	48	77	6057.00	1310	77
	Jul 2015	33	5	47	4	52	23	6054.31	1277	23
	Aug 2015	32	1	52	3	44	27	6052.47	1255	27
	Sep 2015	32	1	46	3	24	22	6052.19	1251	22
	WY 2015	**858**	**78**	**774**	**25**	**233**	**345**			**389**
	Oct 2015	39	1	40	2	9	22	6052.89	1260	22
	Nov 2015	31	1	23	1	0	21	6053.00	1261	21
	Dec 2015	25	0	20	1	0	22	6052.83	1259	22
	Jan 2016	22	0	18	1	0	22	6052.48	1255	22
	Feb 2016	30	0	27	1	0	20	6052.96	1261	20
	Mar 2016	92	2	83	2	5	22	6057.47	1316	22
	Apr 2016	170	15	134	2	20	29	6063.95	1399	29
	May 2016	277	41	223	4	33	216	6061.67	1369	216
	Jun 2016	224	33	190	4	49	193	6057.21	1313	193
	Jul 2016	66	7	71	4	52	22	6056.65	1306	22
	Aug 2016	45	1	62	3	44	22	6055.99	1298	22
	Sep 2016	43	1	54	3	24	21	6056.54	1304	21
	WY 2016	**1064**	**102**	**947**	**27**	**237**	**629**			**629**
	Oct 2016	47	2	46	2	8	22	6057.70	1319	22

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Most Probable Inflow*

Lake Powell

	Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry Gage (1000 Ac-Ft)
*	Nov 2013	476	435	29	553	143	696	3587.90	4904	10631	695
H	Dec 2013	295	291	23	601	0	601	3584.43	4880	10324	595
I	Jan 2014	270	271	7	800	0	800	3578.69	4840	9828	811
S	Feb 2014	330	321	7	599	0	599	3575.55	4819	9563	604
T	Mar 2014	509	444	12	504	0	504	3574.76	4813	9497	510
O	Apr 2014	964	774	19	502	0	502	3577.56	4832	9732	512
R	May 2014	2082	1632	24	493	0	493	3589.38	4915	10764	498
I	Jun 2014	3039	2676	42	598	0	598	3609.19	5066	12649	609
C	Jul 2014	838	730	53	800	0	800	3608.05	5056	12535	814
A	Aug 2014	517	615	53	801	0	801	3605.82	5039	12314	818
L	Sep 2014	511	622	48	604	0	604	3605.53	5037	12286	619
	WY 2014	**10381**	**9287**	**347**	**7337**	**143**	**7480**				**7568**
*	Oct 2014	716	636	34	598	0	598	3605.57	5037	12290	613
	Nov 2014	470	462	32	770	0	770	3602.34	5012	11975	780
	Dec 2014	370	468	25	866	0	866	3598.24	4980	11583	874
	Jan 2015	330	436	8	866	0	866	3593.90	4948	11178	877
	Feb 2015	370	457	8	600	0	600	3592.38	4937	11037	607
	Mar 2015	590	586	14	650	0	650	3591.59	4931	10965	656
	Apr 2015	980	853	22	600	0	600	3593.92	4948	11180	609
	May 2015	2100	1767	27	700	0	700	3604.07	5025	12143	708
	Jun 2015	2200	1854	44	800	0	800	3613.42	5100	13078	808
	Jul 2015	700	661	54	1050	0	1050	3609.37	5067	12667	1067
	Aug 2015	370	493	53	800	0	800	3606.02	5040	12334	819
	Sep 2015	350	479	48	700	0	700	3603.47	5020	12084	713
	WY 2015	**9546**	**9151**	**368**	**9000**	**0**	**9000**				**9130**
	Oct 2015	464	516	33	600	0	600	3602.36	5012	11977	609
	Nov 2015	450	501	32	600	0	600	3601.10	5002	11855	610
	Dec 2015	363	480	25	800	0	800	3597.74	4977	11536	808
	Jan 2016	361	462	8	800	0	800	3594.31	4951	11215	811
	Feb 2016	393	453	8	650	0	650	3592.26	4936	11026	657
	Mar 2016	665	587	14	650	0	650	3591.49	4930	10956	656
	Apr 2016	1056	887	22	600	0	600	3594.16	4950	11201	609
	May 2016	2343	2193	27	650	0	650	3608.75	5062	12605	658
	Jun 2016	2666	2250	46	800	0	800	3621.33	5166	13905	808
	Jul 2016	1091	1003	58	1000	0	1000	3620.85	5162	13854	1017
	Aug 2016	500	601	57	1050	0	1050	3616.40	5125	13385	1069
	Sep 2016	408	534	51	800	0	800	3613.56	5101	13092	813
	WY 2016	**10760**	**10468**	**380**	**9000**	**0**	**9000**				**9124**
	Oct 2016	512	570	35	600	0	600	3612.97	5096	13032	609

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2183

Processed On: 11/12/2014 1:45:46PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

November 2014 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Glen Release (1000 Ac-Ft)	Side Inflow Glen to Hoover (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Nov 2013	696	101	47	513	8.6	12	510	800	1106.36	12310
H	Dec 2013	601	43	40	558	9.1	9	556	802	1106.73	12344
I	Jan 2014	800	45	33	605	9.8	8	604	815	1108.75	12531
S	Feb 2014	599	76	31	717	12.9	8	716	810	1107.94	12456
T	Mar 2014	504	29	34	1090	17.7	13	1087	773	1101.71	11888
O	Apr 2014	502	17	41	1134	19.1	20	1130	731	1094.55	11254
R	May 2014	493	13	46	1086	17.7	30	1084	692	1087.46	10639
I	Jun 2014	598	10	54	959	16.1	28	803	665	1082.66	10233
C	Jul 2014	800	54	67	943	15.3	27	941	654	1080.60	10061
A	Aug 2014	801	113	71	735	12.0	23	727	659	1081.55	10140
L	Sep 2014	604	140	58	686	11.5	19	684	658	1081.33	10121
	WY 2014	**7480**	**677**	**567**	**9759**		**216**	**9561**			
*	Oct 2014	598	66	43	472	7.7	20		666	1082.79	10244
	Nov 2014	770	52	43	714	12.0	18	714	669	1083.32	10288
	Dec 2014	866	95	37	533	8.7	12	533	692	1087.52	10644
	Jan 2015	866	75	31	737	12.0	8	737	702	1089.34	10800
	Feb 2015	600	78	28	621	11.2	7	621	703	1089.58	10821
	Mar 2015	650	68	32	1024	16.7	15	1024	682	1085.71	10490
	Apr 2015	600	80	39	1144	19.2	21	1144	650	1079.85	9998
	May 2015	700	60	44	1024	16.6	29	1024	629	1075.99	9682
	Jun 2015	800	23	52	945	15.9	30	945	617	1073.63	9490
	Jul 2015	1050	64	65	898	14.6	31	898	624	1075.03	9603
	Aug 2015	800	116	69	805	13.1	29	805	625	1075.18	9616
	Sep 2015	700	97	57	719	12.1	16	719	625	1075.24	9620
	WY 2015	**9000**	**875**	**538**	**9634**		**237**	**9162**			
	Oct 2015	600	52	41	519	8.4	21	519	630	1076.05	9687
	Nov 2015	600	52	42	638	10.7	11	638	627	1075.61	9651
	Dec 2015	800	95	36	582	9.5	8	582	644	1078.70	9904
	Jan 2016	800	75	30	610	9.9	7	610	658	1081.29	10118
	Feb 2016	650	78	27	676	11.8	9	676	659	1081.46	10133
	Mar 2016	650	68	31	1041	16.9	14	1041	636	1077.28	9787
	Apr 2016	600	80	37	1118	18.8	20	1118	606	1071.53	9322
	May 2016	650	60	42	1007	16.4	33	1007	583	1067.12	8973
	Jun 2016	800	23	50	921	15.5	30	921	572	1064.98	8805
	Jul 2016	1000	64	62	897	14.6	33	897	577	1065.84	8872
	Aug 2016	1050	116	67	811	13.2	29	811	593	1068.95	9116
	Sep 2016	800	97	55	727	12.2	20	727	598	1070.06	9204
	WY 2016	**9000**	**861**	**521**	**9550**		**233**	**9550**			
	Oct 2016	600	55	41	484	7.9	22	484	605	1071.34	9306

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

November 2014 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Nov 2013	513	4	11	531	0	531	8.9	636.95	1537
H	Dec 2013	558	-10	9	470	0	470	7.6	639.57	1606
I	Jan 2014	605	-7	10	552	0	552	9.0	640.94	1643
S	Feb 2014	717	-22	10	658	0	658	11.9	641.96	1670
T	Mar 2014	1090	-12	13	1074	0	1074	17.5	641.61	1661
O	Apr 2014	1134	-21	17	1054	0	1054	17.7	643.13	1702
R	May 2014	1086	-17	22	1023	0	1022	16.6	644.01	1726
I	Jun 2014	959	-19	25	947	0	947	15.9	642.83	1694
C	Jul 2014	943	-10	25	900	0	900	14.6	643.10	1701
A	Aug 2014	735	-6	23	697	0	697	11.3	643.43	1711
L	Sep 2014	686	-6	18	727	0	727	12.2	641.03	1645
	WY 2014	**9759**	**-139**	**198**	**9400**	**0**	**9400**			
*	Oct 2014	472	10	15	642	0	642	10.4	634.40	1470
	Nov 2014	714	-13	10	636	0	636	10.7	636.50	1525
	Dec 2014	533	-17	9	450	0	450	7.3	638.70	1583
	Jan 2015	737	-14	10	629	0	629	10.2	641.80	1666
	Feb 2015	621	-10	10	600	0	600	10.8	641.80	1666
	Mar 2015	1024	-15	13	961	0	961	15.6	643.05	1700
	Apr 2015	1144	-17	17	1111	0	1111	18.7	643.00	1699
	May 2015	1024	-13	22	989	0	989	16.1	643.00	1699
	Jun 2015	945	-14	25	933	0	933	15.7	642.00	1671
	Jul 2015	898	-10	25	875	0	875	14.2	641.50	1658
	Aug 2015	805	-11	23	771	0	771	12.5	641.50	1658
	Sep 2015	719	-4	18	737	0	737	12.4	640.01	1617
	WY 2015	**9634**	**-129**	**197**	**9335**	**0**	**9335**			
	Oct 2015	519	-2	15	686	0	686	11.2	633.00	1434
	Nov 2015	638	-13	10	564	0	564	9.5	635.00	1486
	Dec 2015	582	-17	9	459	0	459	7.5	638.71	1583
	Jan 2016	610	-14	10	503	0	503	8.2	641.80	1666
	Feb 2016	676	-10	10	656	0	656	11.4	641.80	1666
	Mar 2016	1041	-15	13	979	0	979	15.9	643.05	1700
	Apr 2016	1118	-17	17	1086	0	1086	18.2	643.00	1699
	May 2016	1007	-13	22	972	0	972	15.8	643.00	1699
	Jun 2016	921	-14	25	909	0	909	15.3	642.00	1671
	Jul 2016	897	-10	25	875	0	875	14.2	641.50	1658
	Aug 2016	811	-11	23	778	0	778	12.6	641.50	1658
	Sep 2016	727	-4	18	745	0	745	12.5	640.01	1617
	WY 2016	**9550**	**-141**	**197**	**9211**	**0**	**9211**			
	Oct 2016	484	-2	15	650	0	650	10.6	633.00	1434

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

November 2014 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	Nov 2013	531	25	9	314	5.3	77	144	448.37	587	89	1.5
H	Dec 2013	470	7	7	285	4.6	100	138	445.37	531	99	1.6
I	Jan 2014	552	13	6	353	5.7	101	84	446.23	547	131	2.1
S	Feb 2014	658	19	8	450	8.1	48	130	448.13	582	162	2.9
T	Mar 2014	1074	-3	9	809	13.1	90	176	447.05	562	260	4.2
O	Apr 2014	1054	24	11	756	12.7	105	178	448.11	582	241	4.0
R	May 2014	1022	-4	13	694	11.3	110	184	448.48	589	115	1.9
I	Jun 2014	947	10	15	713	12.0	95	133	447.90	578	112	4.5
C	Jul 2014	900	18	17	685	11.1	105	93	448.27	585	118	1.9
A	Aug 2014	697	26	17	495	8.1	106	99	448.10	582	100	1.6
L	Sep 2014	727	13	15	474	8.0	102	140	448.17	583	90	1.5
	WY 2014	**9400**	**166**	**140**	**6496**		**1137**	**1685**			**1587**	
*	Oct 2014	642	6	12	432	7.0	99	130	446.41	550	65	1.1
	Nov 2014	636	31	9	385	6.5	101	147	447.50	570	86	1.4
	Dec 2014	450	23	7	263	4.3	103	114	446.50	552	97	1.6
	Jan 2015	629	16	6	368	6.0	94	172	446.50	552	130	2.1
	Feb 2015	600	11	8	459	8.3	46	92	446.50	552	161	2.9
	Mar 2015	961	17	9	731	11.9	81	145	446.70	555	205	3.3
	Apr 2015	1111	21	11	816	13.7	91	167	448.70	593	205	3.4
	May 2015	989	21	13	718	11.7	94	173	448.70	593	113	1.8
	Jun 2015	933	17	16	706	11.9	91	124	448.70	593	111	1.9
	Jul 2015	875	29	17	707	11.5	94	86	448.00	580	119	1.9
	Aug 2015	771	27	17	600	9.8	94	85	447.50	571	100	1.6
	Sep 2015	737	25	15	523	8.8	91	123	447.50	570	89	1.5
	WY 2015	**9335**	**244**	**139**	**6710**		**1077**	**1559**			**1483**	
	Oct 2015	686	25	12	479	7.8	83	130	447.50	571	55	0.9
	Nov 2015	564	31	9	373	6.3	80	127	447.50	571	103	1.7
	Dec 2015	459	23	7	293	4.8	83	114	446.50	552	108	1.7
	Jan 2016	503	16	6	349	5.7	68	92	446.50	552	125	2.0
	Feb 2016	656	11	8	438	7.6	62	152	446.50	552	156	2.7
	Mar 2016	979	17	9	733	11.9	68	174	446.70	555	201	3.3
	Apr 2016	1086	21	11	817	13.7	65	167	448.70	593	212	3.6
	May 2016	972	21	13	727	11.8	68	173	448.70	593	111	1.8
	Jun 2016	909	17	16	710	11.9	65	122	448.70	593	109	1.8
	Jul 2016	875	29	17	731	11.9	68	87	448.00	580	111	1.8
	Aug 2016	778	27	17	631	10.3	68	86	447.50	571	105	1.7
	Sep 2016	745	25	15	561	9.4	65	120	447.50	570	102	1.7
	WY 2016	**9211**	**263**	**139**	**6843**		**843**	**1544**			**1498**	
	Oct 2016	650	25	12	463	7.5	68	125	447.50	571	65	1.1

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

November 2014 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Nov 2013	513	8.6	1106.36	12310	212	465.65	1179.0	209.8	68	408.7
H	Dec 2013	558	9.1	1106.73	12344	34	463.77	1188.0	230.3	68	412.8
I	Jan 2014	605	9.8	1108.75	12531	186	465.47	746.0	250.9	43	414.5
S	Feb 2014	717	12.9	1107.94	12456	-75	461.16	1415.0	298.2	81	415.9
T	Mar 2014	1090	17.7	1101.71	11888	-567	457.72	1234.0	451.5	71	414.3
O	Apr 2014	1134	19.1	1094.55	11254	-635	447.66	1146.0	459.8	68	405.6
R	May 2014	1086	17.7	1087.46	10639	-615	440.39	1341.0	431.0	81	397.1
I	Jun 2014	959	16.1	1082.66	10233	-406	437.98	1541.0	372.9	93	388.7
C	Jul 2014	943	15.3	1080.60	10061	-172	434.94	1615.0	363.6	100	385.7
A	Aug 2014	735	12.0	1081.55	10140	79	436.53	1493.0	279.3	94	379.9
L	Sep 2014	686	11.5	1081.33	10121	-18	437.59	1493.0	262.1	94	382.2
	WY 2014	**9759**							**3910.2**		
*	Oct 2014	472	7.7	1082.79	10244	122	442.74	1282.0	180.0	81	381.5
	Nov 2014	714	12.0	1083.32	10288	45	437.88	1079.0	283.2	68	396.8
	Dec 2014	533	8.7	1087.52	10644	356	438.92	1077.0	205.8	67	385.9
	Jan 2015	737	12.0	1089.34	10800	156	439.85	1131.0	293.0	71	397.8
	Feb 2015	621	11.2	1089.58	10821	21	441.86	838.0	249.7	52	402.4
	Mar 2015	1024	16.7	1085.71	10490	-331	439.69	819.0	424.7	52	414.7
	Apr 2015	1144	19.2	1079.85	9998	-491	432.44	1094.0	461.6	70	403.6
	May 2015	1024	16.6	1075.99	9682	-317	426.38	1254.0	394.8	82	385.6
	Jun 2015	945	15.9	1073.63	9490	-192	421.71	1517.0	360.5	100	381.3
	Jul 2015	898	14.6	1075.03	9603	113	421.72	1521.0	338.6	100	377.3
	Aug 2015	805	13.1	1075.18	9616	13	422.65	1537.0	307.3	100	381.9
	Sep 2015	719	12.1	1075.24	9620	5	423.24	1542.0	272.4	100	378.9
	WY 2015	**9634**							**3771.6**		
	Oct 2015	519	8.4	1076.05	9687	66	427.90	1242.0	200.5	80	385.9
	Nov 2015	638	10.7	1075.61	9651	-36	431.55	1070.0	245.7	69	385.2
	Dec 2015	582	9.5	1078.70	9904	253	429.72	1270.0	221.9	81	381.1
	Jan 2016	610	9.9	1081.29	10118	214	430.26	1289.0	234.2	82	383.9
	Feb 2016	676	11.8	1081.46	10133	15	429.98	1386.0	260.4	88	385.1
	Mar 2016	1041	16.9	1077.28	9787	-346	427.70	1347.0	402.5	87	386.4
	Apr 2016	1118	18.8	1071.53	9322	-465	424.12	1068.4	441.2	70	394.5
	May 2016	1007	16.4	1067.12	8973	-349	417.86	1225.0	379.4	82	376.8
	Jun 2016	921	15.5	1064.98	8805	-168	413.03	1482.4	342.8	100	372.0
	Jul 2016	897	14.6	1065.84	8872	67	412.88	1487.2	331.1	100	369.2
	Aug 2016	811	13.2	1068.95	9116	244	415.01	1504.7	304.3	100	375.2
	Sep 2016	727	12.2	1070.06	9204	89	417.58	1510.9	272.3	100	374.4
	WY 2016	**9550**							**3636.3**		
	Oct 2016	484	7.9	1071.34	9306	102	422.99	1217.2	183.6	80	379.1

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2183

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

November 2014 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Nov 2013	531	8.9	636.95	1537	-24	137.13	158.1	61.5	62	115.9
H	Dec 2013	470	7.6	639.57	1606	69	136.36	173.4	59.4	68	126.5
I	Jan 2014	552	9.0	640.94	1643	37	139.11	163.2	68.9	64	124.9
S	Feb 2014	658	11.9	641.96	1670	28	138.63	173.4	84.5	68	128.3
T	Mar 2014	1074	17.5	641.61	1661	-10	138.63	252.5	134.6	99	125.3
O	Apr 2014	1054	17.7	643.13	1702	42	141.55	255.0	132.2	100	125.4
R	May 2014	1023	16.6	644.01	1726	24	143.52	255.0	127.7	100	124.9
I	Jun 2014	947	15.9	642.83	1694	-32	141.57	255.0	119.3	100	126.0
C	Jul 2014	900	14.6	643.10	1701	7	143.48	255.0	112.8	100	125.4
A	Aug 2014	697	11.3	643.43	1711	9	143.79	255.0	88.3	100	126.7
L	Sep 2014	727	12.2	641.03	1645	-65	138.41	255.0	91.5	100	126.0
	WY 2014	**9400**							**1175.6**		
*	Oct 2014	642	10.4	634.40	1470	-175	134.93	191.3	72.3	75	112.7
	Nov 2014	636	10.7	636.50	1525	54	132.00	135.2	76.3	53	119.9
	Dec 2014	450	7.3	638.70	1583	58	133.94	142.8	55.4	56	123.2
	Jan 2015	629	10.2	641.80	1666	83	135.96	163.2	78.3	64	124.4
	Feb 2015	600	10.8	641.80	1666	0	136.77	186.2	75.4	73	125.6
	Mar 2015	961	15.6	643.05	1700	34	135.44	255.0	119.8	100	124.6
	Apr 2015	1111	18.7	643.00	1699	-2	136.07	255.0	138.0	100	124.2
	May 2015	989	16.1	643.00	1699	0	136.04	255.0	123.6	100	124.9
	Jun 2015	933	15.7	642.00	1671	-27	135.51	255.0	116.3	100	124.6
	Jul 2015	875	14.2	641.50	1658	-14	134.73	255.0	108.9	100	124.4
	Aug 2015	771	12.5	641.50	1658	0	134.46	255.0	96.2	100	124.7
	Sep 2015	737	12.4	640.01	1617	-40	133.68	255.0	91.4	100	124.1
	WY 2015	**9335**							**1151.8**		
	Oct 2015	686	11.2	633.00	1434	-183	129.77	234.6	82.8	92	120.7
	Nov 2015	564	9.5	635.00	1486	51	127.90	209.1	67.1	82	119.1
	Dec 2015	459	7.5	638.71	1583	97	130.45	224.4	56.2	88	122.4
	Jan 2016	503	8.2	641.80	1666	83	135.97	163.2	63.0	64	125.2
	Feb 2016	656	11.4	641.80	1666	0	137.17	173.4	82.3	68	125.4
	Mar 2016	979	15.9	643.05	1700	34	135.44	255.0	121.9	100	124.5
	Apr 2016	1086	18.2	643.00	1699	-2	136.07	255.0	135.0	100	124.3
	May 2016	972	15.8	643.00	1699	0	136.04	255.0	121.5	100	125.0
	Jun 2016	909	15.3	642.00	1671	-27	135.51	255.0	113.4	100	124.7
	Jul 2016	875	14.2	641.50	1658	-14	134.73	255.0	108.8	100	124.4
	Aug 2016	778	12.6	641.50	1658	0	134.46	255.0	97.0	100	124.7
	Sep 2016	745	12.5	640.01	1617	-40	133.68	255.0	92.4	100	124.1
	WY 2016	**9211**							**1141.4**		
	Oct 2016	650	10.6	633.00	1434	-183	129.77	234.6	78.7	92	120.9

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2183

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

November 2014 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Nov 2013	314	5.3	448.37	587	9	82.63	92.4	22.1	77	70.5
H	Dec 2013	285	4.6	445.37	531	-56	80.69	91.2	19.0	76	66.8
I	Jan 2014	353	5.7	446.23	547	16	80.02	90.0	24.2	75	68.4
S	Feb 2014	450	8.1	448.13	582	35	82.38	92.4	31.2	77	69.4
T	Mar 2014	809	13.1	447.05	562	-20	77.18	106.8	55.4	89	68.5
O	Apr 2014	756	12.7	448.11	582	20	80.82	120.0	52.3	100	69.1
R	May 2014	694	11.3	448.48	589	7	80.45	106.8	49.2	89	70.8
I	Jun 2014	713	12.0	447.90	578	-11	81.61	120.0	49.8	100	69.8
C	Jul 2014	685	11.1	448.27	585	7	82.46	120.0	47.9	100	70.0
A	Aug 2014	495	8.1	448.10	582	-3	81.82	120.0	35.2	100	71.2
L	Sep 2014	474	8.0	448.17	583	1	82.36	120.0	33.7	100	70.9
	WY 2014	**6495**							**451.6**		
*	Oct 2014	432	7.0	446.41	550	-33	80.56	91.2	30.8	76	71.3
	Nov 2014	385	6.5	447.50	570	20	75.45	96.0	25.0	80	64.8
	Dec 2014	263	4.3	446.50	552	-19	74.40	120.0	16.4	100	62.2
	Jan 2015	368	6.0	446.50	552	0	75.13	93.6	23.7	78	64.3
	Feb 2015	459	8.3	446.50	552	0	75.13	93.6	30.0	78	65.3
	Mar 2015	731	11.9	446.70	555	4	74.53	108.0	47.9	90	65.5
	Apr 2015	816	13.7	448.70	593	38	75.08	120.0	53.9	100	66.1
	May 2015	718	11.7	448.70	593	0	76.05	120.0	47.8	100	66.5
	Jun 2015	706	11.9	448.70	593	0	76.05	120.0	47.0	100	66.6
	Jul 2015	707	11.5	448.00	580	-13	75.71	120.0	46.8	100	66.2
	Aug 2015	600	9.8	447.50	571	-9	75.13	120.0	39.3	100	65.5
	Sep 2015	523	8.8	447.50	570	0	74.89	120.0	34.0	100	65.0
	WY 2015	**6710**							**442.5**		
	Oct 2015	479	7.8	447.50	571	0	76.04	94.8	31.5	79	65.8
	Nov 2015	373	6.3	447.50	571	0	75.69	102.0	24.2	85	64.7
	Dec 2015	293	4.8	446.50	552	-19	74.40	120.0	18.4	100	62.7
	Jan 2016	349	5.7	446.50	552	0	75.01	96.0	22.3	80	64.0
	Feb 2016	438	7.6	446.50	552	0	75.13	93.6	28.5	78	65.1
	Mar 2016	733	11.9	446.70	555	4	74.01	120.0	47.6	100	65.0
	Apr 2016	817	13.7	448.70	593	38	75.08	120.0	54.0	100	66.1
	May 2016	727	11.8	448.70	593	0	76.05	120.0	48.4	100	66.5
	Jun 2016	710	11.9	448.70	593	0	76.05	120.0	47.3	100	66.6
	Jul 2016	731	11.9	448.00	580	-13	75.71	120.0	48.5	100	66.3
	Aug 2016	631	10.3	447.50	571	-9	75.13	120.0	41.4	100	65.6
	Sep 2016	561	9.4	447.50	570	0	74.89	120.0	36.6	100	65.2
	WY 2016	**6843**							**448.6**		
	Oct 2016	463	7.5	447.50	571	0	75.69	102.0	30.3	85	65.3

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

November 2014 24-Month Study

Most Probable Inflow*

Upper Basin Power

	Date	Glen Canyon 1000 MWHR	Flaming Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Reservoir 1000 MWHR	Fontenelle Reservoir 1000 MWHR
*	Nov 2013	231	18	3	0	1	4
H	Dec 2013	253	19	3	0	1	5
I	Jan 2014	337	19	3	0	0	4
S	Feb 2014	247	17	3	4	0	4
T	Mar 2014	207	19	6	8	4	4
	Winter 2014	**1477**	**110**	**30**	**28**	**17**	**22**
O	Apr 2014	206	19	7	13	9	5
R	May 2014	204	20	19	32	17	6
I	Jun 2014	260	80	54	103	21	7
C	Jul 2014	354	41	35	29	22	8
A	Aug 2014	353	48	31	37	21	9
L	Sep 2014	266	46	23	29	16	2
	Summer 2014	**1643**	**255**	**169**	**243**	**106**	**37**
*	Oct 2014	264	36	18	17	14	7
	Nov 2014	307	31	9	10	5	6
	Dec 2014	342	45	16	20	11	7
	Jan 2015	339	45	16	21	11	6
	Feb 2015	234	41	14	19	10	5
	Mar 2015	252	47	13	17	9	8
	Winter 2015	**1738**	**244**	**86**	**103**	**59**	**40**
	Apr 2015	233	46	11	18	11	7
	May 2015	275	60	28	41	23	7
	Jun 2015	321	72	15	23	16	8
	Jul 2015	423	34	30	35	17	9
	Aug 2015	320	34	37	43	22	7
	Sep 2015	280	33	34	40	20	3
	Summer 2015	**1851**	**278**	**155**	**202**	**109**	**41**
	Oct 2015	238	34	18	22	12	6
	Nov 2015	237	33	15	19	10	6
	Dec 2015	315	34	26	33	17	6
	Jan 2016	312	34	21	27	14	5
	Feb 2016	252	31	15	19	10	5
	Mar 2016	251	34	9	13	7	5
	Winter 2016	**1605**	**199**	**105**	**133**	**69**	**32**
	Apr 2016	233	39	12	19	11	6
	May 2016	257	69	33	50	23	7
	Jun 2016	325	39	23	35	22	8
	Jul 2016	412	41	36	43	23	8
	Aug 2016	430	41	38	44	23	9
	Sep 2016	325	39	34	41	21	7
	Summer 2016	**1656**	**229**	**142**	**192**	**103**	**38**
	Oct 2016	243	41	18	23	12	6

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

November 2014 24-Month Study

Most Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions

Date	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Total KAF	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****CREDITABLE SPACE****										
Nov 2014	488	242	600	12032	13362	17133	30496	488	242	600	1330	12032	17133	30496	3810	714	0	29.8
Dec 2014	504	236	597	12347	13685	17089	30774	504	236	597	1338	12347	17089	30774	4580	533	0	29.7
Jan 2015	577	262	601	12739	14179	16733	30912	577	262	601	1440	12739	16733	30912	5350	737	0	29.5
								****EFFECTIVE SPACE****										
Jan 2015	577	262	601	12739	14179	16733	30912	193	255	356	803	12739	16733	30275	5350	737	0	29.5
Feb 2015	651	290	606	13144	14692	16577	31269	266	285	360	911	13144	16577	30632	1500	621	0	29.3
Mar 2015	714	316	606	13285	14921	16556	31477	327	313	359	999	13285	16556	30840	1500	1024	0	28.9
Apr 2015	742	324	575	13357	14997	16887	31885	351	322	321	994	13357	16887	31238	1500	1144	0	28.8
May 2015	739	288	516	13142	14685	17379	32064	341	284	242	867	13142	17379	31388	1500	1024	0	29.7
Jun 2015	663	181	396	12179	13419	17695	31114	255	164	86	505	12179	17695	30379	1500	945	0	30.8
Jul 2015	515	26	386	11244	12172	17887	30059	93	-6	23	110	11244	17887	29241	1500	898	0	30.5
								****CREDITABLE SPACE****										
Aug 2015	439	27	419	11655	12540	17774	30314	439	27	419	885	11655	17774	30314	1500	805	0	30.0
Sep 2015	471	83	441	11988	12983	17761	30744	471	83	441	995	11988	17761	30744	2270	719	0	29.6
Oct 2015	524	147	445	12238	13353	17757	31110	524	147	445	1115	12238	17757	31110	3040	519	0	29.3
Nov 2015	569	168	436	12345	13519	17690	31209	569	168	436	1173	12345	17690	31209	3810	638	0	29.1
Dec 2015	613	186	435	12467	13701	17726	31427	613	186	435	1234	12467	17726	31427	4580	582	0	29.0
Jan 2016	672	248	437	12786	14143	17473	31617	672	248	437	1357	12786	17473	31617	5350	610	0	28.9
								****EFFECTIVE SPACE****										
Jan 2016	672	248	437	12786	14143	17473	31617	380	248	224	852	12786	17473	31112	5350	610	0	28.9
Feb 2016	726	295	441	13107	14569	17259	31828	432	295	228	955	13107	17259	31320	1500	676	0	28.7
Mar 2016	770	322	435	13296	14823	17244	32067	473	322	221	1016	13296	17244	31556	1500	1041	0	28.4
Apr 2016	764	317	380	13366	14827	17590	32417	463	317	159	939	13366	17590	31896	1500	1118	0	28.3
May 2016	744	285	297	13121	14447	18055	32502	437	285	54	776	13121	18055	31952	1500	1007	0	29.5
Jun 2016	698	192	327	11717	12934	18404	31339	382	188	47	617	11717	18404	30739	1500	921	0	31.0
Jul 2016	435	29	383	10417	11264	18572	29836	99	3	50	153	10417	18572	29142	1500	897	0	31.0
								****CREDITABLE SPACE****										
Aug 2016	352	27	390	10468	11237	18505	29742	352	27	390	769	10468	18505	29742	1500	811	0	30.7
Sep 2016	388	75	398	10937	11798	18261	30059	388	75	398	862	10937	18261	30059	2270	727	0	30.3
Oct 2016	452	139	392	11230	12213	18173	30386	452	139	392	983	11230	18173	30386	3040	484	0	30.1

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2183

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December 24-Month Study
Date: December 10, 2014

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

Reservoir	November Inflow (unregulated) (acre-feet)	Percent of Average (%)	December 8 Midnight Elevation (feet)	Reservoir Storage (acre-feet)
Fontenelle	53,000	126	6498.71	289,000
Flaming Gorge	65,000	126	6028.65	3,297,000
Blue Mesa	37,000	119	7491.59	594,000
Navajo	28,000	84	6038.38	1,095,000
Powell	418,000	88	3600.81	11,828,000

Expected Operations

The operation of Lake Powell and Lake Mead in this December 2014 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines), and reflects the 2014 Annual Operating Plan (AOP) and the draft 2015 AOP. Pursuant to the Interim Guidelines, the August 2014 24-Month Study projections of the January 1, 2015, system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2015.

Consistent with Section 6.B of the Interim Guidelines, the Lake Powell operational tier for water year 2015 is the Upper Elevation Balancing Tier, with an initial water year release volume of 8.23 maf and the potential for an April adjustment to equalization or balancing releases in April 2015. This December 2014 24-Month Study projects that, consistent with Section 6.B.4 of the Interim Guidelines, an April adjustment to balancing releases is likely to occur and Lake Powell is currently projected to release 9.0 maf in water year 2015.

Consistent with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar years 2014 and 2015.

The tier determinations will be documented in the 2015 AOP, which is currently in the final stages of development.

The Interim Guidelines are available for download at:
http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The 2014 AOP is available for download at:
http://www.usbr.gov/lc/region/g4000/aop/AOP14.pdf.
The draft 2015 AOP is available for download at
http://www.usbr.gov/uc/water/rsvrs/ops/aop/AOP15_draft.pdf.

Fontenelle Reservoir – Inflows to Fontenelle Reservoir for the month of November were 53,000 acre-feet (AF), or 126 percent of average. The reservoir elevation is 6498 feet, 84 percent of live capacity. Inflows are averaging 1,000 cubic feet per second (cfs). Fontenelle releases are currently 1,250 cfs and will remain at this level through spring.

Inflows for the next three months are projected to be above average: with December, January and February forecasted inflow volumes at 41,000 AF (128% of average), 40,000 AF (132% of average), and 35,000 AF (127% of average), respectively.

The next Fontenelle Working Group meeting is scheduled for April 22, 2015, at 10:00 am at Seedskadee Wildlife Refuge in Green River, Wyoming. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir.

Flaming Gorge Reservoir – Unregulated inflow into Flaming Gorge Reservoir during the month of November was 65,000 acre-feet (AF), or 126 percent of average. The reservoir elevation is 6,028.6 feet. Observed inflows are averaging 1,200 cubic feet per second (cfs).

Flaming Gorge releases are currently increasing to a 2,000 cfs daily release with hourly fluctuations for hydropower beginning in mid-December and scheduled through February.

Inflows for the next three months are projected to be above average: with December, January and February forecasted inflow volumes at 45,000 AF (129% of average), 50,000 AF (124% of average), and 50,000 AF (112% of average), respectively.

The next Flaming Gorge Working Group meeting is scheduled for April 23, 2015, at 11:00 a.m. to be held in the Utah Department of Natural Resources building in Vernal, Utah. The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stake holders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations and plans presented by Reclamation at these meetings. Meeting notes from past Working Group meetings are posted on the Working Group webpage. For more information on this group and these meetings please contact Heather Patno at 801-524-3883.

Aspinall Unit Reservoirs – November unregulated inflow into Blue Mesa Reservoir was 37,000 acre-feet or 119 percent of average. Precipitation during November was observed to be about 115 percent of average. The current inflow rate into Blue Mesa Reservoir is about 600 cfs while reservoir releases are averaging about 300 cfs. Blue Mesa's present elevation is 7491.61 feet, which corresponds to a storage content of about 594,000 acre-feet. The unregulated reservoir inflow into Blue Mesa Reservoir during water year 2014 was 1.145 million acre-feet, or about 120 percent of average.

Releases from Crystal are currently set at 800 cfs. The Gunnison Diversion Tunnel was shut down for the season on October 31st, with exception of some small 50 to 100 cfs diversions taken bi-weekly for municipal water needs in Montrose, Colorado. River flows below the tunnel are essentially the same as releases from the Dam, with the exception of when the tunnel is taking water to refill Fairfield Reservoir for Montrose municipal water needs.

Pursuant to the Aspinall Unit Operations Record of Decision (ROD), the baseflow target in the lower Gunnison River, as measured at the Whitewater gage, is 1050 cfs for September through December. Flows in the lower Gunnison River are currently above the baseflow target of 1050 cfs. River flows have remained relatively high due to late summer and early fall rains and flows are expected to stay above the December baseflow target for the foreseeable future.

On December 1, 2014, the National Weather Service's River Forecasting Center issued its forecasted inflow into Blue Mesa for the next 3 months. The unregulated inflow forecast for December, January, and February is for 76,000 acre-feet, which is 106% of average for these months.

The next meeting of the "Aspinall Unit Working Group" will be held on Thursday January 22rd in the Montrose, Colorado, starting at 1:00 PM. At this meeting, review of last summer and fall reservoir operations, and plans for this winter and next spring 2015 operations will be discussed. These meetings are open forum discussions on the Aspinall Unit reservoir operations with many interested groups participating. Anyone needing further information about these meetings should contact Erik Knight in the Grand Junction Area Office at (970) 248-0629.

Navajo Reservoir – Reclamation has been releasing 350 cfs from Navajo Reservoir since September 24th, 2014. Releases are made for the authorized purposes of the Navajo Unit, and to attempt to maintain a target base flow through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell). The San Juan River Basin Recovery Implementation Program recommends a target base flow of between 500 cfs and 1,000 cfs through the critical habitat area. The target base flow is calculated as the weekly average of gaged flows throughout the critical habitat area.

Navajo was at 6038.4 ft of pool elevation and 1,096,936 acre-ft of storage by the end of November, which was 80% of average for the end of the month. Observed inflow into

Navajo was 21,553 af and the modified-unregulated inflow volume was 28,426 af which was 84% of average for November. Calculated evaporation for the month was 765 acre-ft. Navajo's release was 350 cfs for the duration of the month. Navajo Reservoir recorded 0.41 inches of liquid precipitation (39% of average).

As of December 3rd, the release at Navajo (as measured at the USGS at Archuleta gage) was 358 cfs, and the observed inflow is 314 cfs. The reservoir elevation is 6038.39 ft and the content is 1,095,509 acre-ft, or 64% full (42% of Active). The San Juan River at Four Corners USGS gage is at 794 cfs, and the Animas River at Farmington USGS gage is at 375 cfs.

The most probable modified-unregulated inflow forecast* for December at Navajo is 20,000 acre-ft (80% of average), for January is 17,000 acre-ft (78% of average), and for February is 22,000 acre-ft (73% of average). The reservoir is forecast to reach a minimum overwinter storage level of 6037 ft (1,080,600 af) in mid-February.

The last public operations meeting was held on August 26th at the Farmington Civic Center. Meeting notes are available on the USBR website. The next operations meeting is scheduled for Tuesday, January 20th 2015.

Glen Canyon Dam / Lake Powell

Current Status

The unregulated inflow volume to Lake Powell in November was 418 thousand acre-feet (kaf) (88% of average). The release volume from Glen Canyon Dam in November was 772 kaf. The end of November elevation and storage of Lake Powell were 3,601.9 feet (98 feet from full pool) and 12.93 million acre-feet (maf) (49% of full capacity), respectively. The reservoir elevation is now declining and is expected to continue to decline until spring 2015.

Current Operations

The operating tier for water year 2015 was established in August 2014 as the Upper Elevation Balancing Tier. In the Upper Elevation Balancing Tier the initial water year release volume is 8.23 maf; however, there is the possibility for an April adjustment to equalization or balancing operations to govern for the remainder of the water year. Under the most probable inflow scenario, an April adjustment to balancing releases is projected to occur and Lake Powell is currently projected to release 9.0 maf in water year 2015. Reclamation will schedule operations at Glen Canyon Dam to achieve as practicably as possible the appropriate total annual release volume by September 30, 2015.

In December, the release volume will be approximately 866 kaf, with fluctuations anticipated between about 9,500 cfs in the nighttime to about 17,500 cfs in the daytime and consistent with the Glen Canyon Operating Criteria (Federal Register, Volume 62, No. 41, March 3, 1997). The anticipated release volume for January is 860 kaf.

In addition to daily scheduled fluctuations for power generation, the instantaneous releases from Glen Canyon Dam may also fluctuate to provide 40 MW of system regulation. These instantaneous release adjustments stabilize the electrical generation and transmission system and translate to a range of about 1,200 cfs above or below the hourly scheduled release rate. Under system normal conditions, fluctuations for regulation are typically short lived and generally balance out over the hour with minimal or no noticeable impacts on downstream river flow conditions.

Releases from Glen Canyon Dam can also fluctuate beyond scheduled releases when called upon to respond to unscheduled power outages or power system emergencies. Depending on the severity of the system emergency, the response from Glen Canyon Dam can be significant, within the full range of the operating capacity of the power plant for as long as is necessary to maintain balance in the transmission system. Glen Canyon Dam typically maintains 27MW (approximately 800 cfs) of generation capacity in reserve in order to respond to a system emergency even when generation rates are already high. System emergencies occur fairly infrequently and typically require small responses from Glen Canyon Dam. However, these responses can have a noticeable impact on the river downstream of Glen Canyon Dam.

Inflow Forecasts and Model Projections

The forecast for water year 2015 unregulated inflow to Lake Powell, issued on December 1, 2014, by the Colorado Basin River Forecast Center, projects that the most probable (median) unregulated inflow volume will be 9.78 maf (90% of average based on the period 1981-2010). This is about a 200 kaf increase from the forecast issued last month. At this early point in the season, there is significant uncertainty regarding next year's water supply. The forecast ranges from a minimum probable of 7.4 maf (68% of average) to a maximum probable of 18.6 maf (172% of average). There is 10% chance that inflows could be higher than the maximum probable and a 10% chance they could be lower than the minimum probable.

As determined in the August 2014 24-Month Study, Lake Powell's operations in water year 2015 will be governed by the Upper Elevation Balancing Tier. In this tier, the initial water year release volume is 8.23 maf, however, there is the potential for an April adjustment to equalization or balancing releases in April 2015. An April adjustment to balancing releases is projected to occur and Lake Powell is currently projected to release 9.0 maf in water year 2015. This determination will be documented in the 2015 Annual Operating Plan, which is currently in the final stages of development.

Based on the current forecast, the December 24-Month Study projects Lake Powell elevation will end water year 2015 near 3,606 feet with approximately 12.35 maf in storage (51% capacity). Note that projections of elevation and storage have significant uncertainty at this early point in the season, primarily due to uncertainty regarding next season's snowpack and the resulting inflow to Lake Powell. Under the minimum probable inflow scenario, which was updated in October, the projected end of water year elevation and storage are 3589 feet and 10.71 maf (44% capacity), respectively. Under the maximum probable inflow scenario, which was updated in October, the projected end

of water year elevation and storage are 3649 feet and 17.09 maf (70% capacity), respectively. The annual release volume from Lake Powell during water year 2015 is projected to be 9.0 maf under the minimum and most probable inflow scenarios and 12.1 maf under the maximum probable inflow scenario. There is a 10% chance that inflows will be higher, potentially resulting in higher releases; and 10% chance that inflows will be lower, potentially resulting in lower releases. If inflows are less than the current forecasted minimum probable inflow, the water year 2015 annual release could be as low as 8.23 maf. If inflows are greater than the current forecasted maximum probable inflow, the annual release could be greater than 12.1 maf.

Upper Colorado River Basin Hydrology

The Upper Colorado River Basin regularly experiences significant year to year hydrologic variability. During the 15-year period 2000 to 2014, however, the unregulated inflow to Lake Powell, which is a good measure of hydrologic conditions in the Colorado River Basin, was above average in only 3 out of the past 15 years. The period 2000-2014 is the lowest 15-year period since the closure of Glen Canyon Dam in 1963, with an average unregulated inflow of 8.39 maf, or 78% of the 30-year average (1981-2010). (For comparison, the 1981-2010 total water year average is 10.83 maf.) The unregulated inflow during the 2000-2014 period has ranged from a low of 2.64 maf (24% of average) in water year 2002 to a high of 15.97 maf (147% of average) in water year 2011. The water year 2014 unregulated inflow volume to Lake Powell was 10.381 maf (96% of average), which was significantly higher than inflows observed in 2012 and 2013 (45% and 47% of average, respectively). Under the current most probable forecast, total water year 2015 unregulated inflows to Lake Powell is projected to be 9.78 maf (90% of average).

At the beginning of water year 2015, total system storage in the Colorado River Basin was 30.0 maf (50% of 59.6 maf total system capacity). This is nearly the same as the total storage at the beginning of water year 2014 which began at 29.9 maf (50% of capacity). Since the beginning of water year 2000, total Colorado Basin storage has experienced year to year increases and decreases in response to wet and dry hydrology, ranging from a high of 94% of capacity at the beginning of 2000 to a low of 50% of capacity at the beginning of water year 2014. One wet year can significantly increase total system reservoir storage, just as persistent dry years can draw down the system storage. Based on current inflow forecasts, the current projected end of water year 2015 total Colorado Basin reservoir storage is approximately 29.8 maf (50% of capacity). The actual end of water year storage may vary from this projection, primarily due to uncertainty regarding next season's snowpack and resulting runoff. Based on October minimum and maximum probable inflow forecasts and modeling the range is approximately 27.4 maf (46%) to 38.1 maf (64%), respectively.

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-430
125 SOUTH STATE STREET, ROOM 6107
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-3709

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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:			Obs		nov	Forecast		
:	aug	sep	oct	nov	%Avg	dec	jan	feb
GLDA3:Lake Powell	517	511	716	418	88%:	360/	330/	370/
GBRW4:Fontenelle	98	69	85	53	126%:	41/	40/	35/
GRNU1:Flaming Gorge	126	99	108	65	126%:	45/	50/	50/
BMDC2:Blue Mesa	64	48	55	37	119%:	29/	25/	22/
MPSC2:Morrow Point	64	49	56	38	114%:	30/	27/	25/
CLSC2:Crystal	69	53	61	43	113%:	35/	31/	29/
TPIC2:Taylor Park	11.6	9.4	9.2	4.8	94%:	4.7/	4.3/	3.7/
VCRC2:Vallecito	13.8	22	23	9.9	113%:	6.3/	5/	4.2/
NVRN5:Navajo	14.1	39	68	28	84%:	20/	17/	22/
LEMC2:Lemon	3.9	5.8	5.5	1.69	101%:	1/	0.7/	0.6/
MPHC2:McPhee	7.7	14.4	10.8	M	M :	3.8/	3.6/	3.8/
RBSC2:Ridgway	11.5	12.1	10.3	5.8	103%:	4.6/	4/	3.6/

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

December 2014 24-Month Study

Most Probable Inflow*

Fontenelle Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Dec 2013	30	1	61	0	61	6485.02	195
H	Jan 2014	29	1	61	0	61	6479.35	163
I	Feb 2014	29	0	55	0	55	6474.06	136
S	Mar 2014	56	0	71	0	71	6470.70	121
T	Apr 2014	101	1	83	1	84	6474.33	138
O	May 2014	272	1	96	126	222	6483.58	186
R	Jun 2014	427	2	104	254	364	6492.90	247
I	Jul 2014	220	3	90	1	117	6506.25	347
C	Aug 2014	98	2	100	1	108	6504.71	335
A	Sep 2014	69	2	21	66	87	6502.07	314
	WY 2014	**1424**	**15**	**811**	**478**	**1328**		
L	Oct 2014	85	1	80	10	90	6501.37	309
*	Nov 2014	53	1	69	1	69	6499.16	292
	Dec 2014	41	1	84	0	84	6493.03	249
	Jan 2015	40	1	77	0	77	6487.37	211
	Feb 2015	35	1	69	0	69	6481.64	176
	Mar 2015	55	1	99	5	105	6471.58	126
	Apr 2015	92	1	93	12	104	6468.59	113
	May 2015	180	1	98	25	123	6480.40	169
	Jun 2015	335	2	101	140	241	6494.79	261
	Jul 2015	190	3	104	11	115	6504.51	334
	Aug 2015	75	2	92	0	92	6502.01	314
	Sep 2015	47	2	37	31	67	6499.11	292
	WY 2015	**1229**	**15**	**1002**	**233**	**1236**		
	Oct 2015	49	1	69	0	69	6496.20	271
	Nov 2015	42	1	67	0	67	6492.59	245
	Dec 2015	32	1	69	0	69	6486.81	207
	Jan 2016	30	1	69	0	69	6480.15	168
	Feb 2016	28	0	65	0	65	6472.43	130
	Mar 2016	53	0	69	0	69	6468.39	112
	Apr 2016	85	1	89	0	89	6467.31	108
	May 2016	164	1	97	10	108	6479.30	163
	Jun 2016	299	2	100	110	211	6493.19	250
	Jul 2016	178	3	92	0	92	6504.33	332
	Aug 2016	77	2	92	0	92	6502.02	314
	Sep 2016	46	2	73	0	73	6498.24	286
	WY 2016	**1083**	**15**	**954**	**120**	**1075**		
	Oct 2016	49	1	71	0	71	6495.03	263
	Nov 2016	42	1	68	0	68	6491.14	236

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

December 2014 24-Month Study

Most Probable Inflow*

Flaming Gorge Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	Dec 2013	32	62	2	49	0	49	114	6015.79	2834	66
H	Jan 2014	33	65	2	49	0	49	115	6016.19	2847	77
I	Feb 2014	46	71	2	45	0	45	116	6016.89	2871	88
S	Mar 2014	86	100	3	49	1	50	117	6018.21	2917	123
T	Apr 2014	128	111	5	50	0	50	120	6019.75	2971	306
O	May 2014	333	283	8	53	0	53	128	6025.67	3185	594
R	Jun 2014	472	409	10	208	85	293	132	6028.39	3287	775
I	Jul 2014	226	123	13	105	0	105	132	6028.51	3292	208
C	Aug 2014	126	136	13	122	0	122	132	6028.53	3293	190
A	Sep 2014	99	118	11	116	0	116	132	6028.31	3284	170
	WY 2014	**1689**	**1594**	**77**	**945**	**86**	**1032**				**2799**
L	Oct 2014	108	112	7	92	0	92	133	6028.64	3297	159
*	Nov 2014	65	81	4	77	0	77	133	6028.63	3296	134
	Dec 2014	45	88	2	111	0	111	132	6028.02	3273	111
	Jan 2015	50	87	2	120	0	120	130	6027.13	3240	120
	Feb 2015	50	84	2	108	0	108	129	6026.46	3215	108
	Mar 2015	105	155	3	141	0	141	130	6026.72	3224	141
	Apr 2015	135	147	5	137	0	137	130	6026.86	3230	137
	May 2015	270	213	8	173	0	173	131	6027.68	3260	173
	Jun 2015	405	311	10	201	0	201	135	6030.19	3356	201
	Jul 2015	210	135	14	103	0	103	136	6030.63	3373	103
	Aug 2015	86	103	13	103	0	103	135	6030.32	3361	103
	Sep 2015	54	74	11	100	0	100	134	6029.40	3326	100
	WY 2015	**1583**	**1590**	**80**	**1466**	**0**	**1466**				**1591**
	Oct 2015	58	78	7	103	0	103	133	6028.60	3295	103
	Nov 2015	51	76	3	100	0	100	132	6027.90	3269	100
	Dec 2015	35	72	2	103	0	103	130	6027.07	3238	103
	Jan 2016	40	80	2	103	0	103	129	6026.43	3213	103
	Feb 2016	45	82	2	96	0	96	129	6026.00	3197	96
	Mar 2016	102	119	3	103	0	103	129	6026.34	3210	103
	Apr 2016	134	137	5	116	0	116	130	6026.76	3226	116
	May 2016	245	189	8	190	0	190	129	6026.53	3217	190
	Jun 2016	390	301	10	107	0	107	137	6031.15	3393	107
	Jul 2016	210	125	14	111	0	111	137	6031.15	3394	111
	Aug 2016	89	104	13	111	0	111	136	6030.68	3375	111
	Sep 2016	55	82	11	107	0	107	134	6029.77	3340	107
	WY 2016	**1453**	**1445**	**80**	**1350**	**0**	**1350**				**1350**
	Oct 2016	59	81	7	111	0	111	133	6028.84	3305	111
	Nov 2016	51	77	3	107	0	107	132	6028.01	3273	107

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

December 2014 24-Month Study

Most Probable Inflow*

Taylor Park Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Dec 2013	5	5	9310.93	71
H	Jan 2014	5	5	9310.93	71
I	Feb 2014	4	4	9311.08	72
S	Mar 2014	5	5	9310.72	71
T	Apr 2014	12	13	9310.23	70
O	May 2014	31	27	9312.59	74
R	Jun 2014	49	28	9324.29	95
I	Jul 2014	19	25	9320.83	88
C	Aug 2014	12	19	9316.50	81
A	Sep 2014	10	14	9314.21	77
	WY 2014	**161**	**154**		
L	Oct 2014	10	8	9315.40	79
*	Nov 2014	7	6	9315.85	80
	Dec 2014	5	6	9315.09	78
	Jan 2015	4	6	9314.09	77
	Feb 2015	4	6	9312.71	74
	Mar 2015	4	6	9311.61	72
	Apr 2015	8	6	9312.53	74
	May 2015	28	18	9318.36	84
	Jun 2015	39	22	9327.39	101
	Jul 2015	16	22	9324.31	95
	Aug 2015	9	22	9317.23	82
	Sep 2015	7	16	9311.92	73
	WY 2015	**140**	**143**		
	Oct 2015	6	8	9310.96	71
	Nov 2015	5	6	9310.35	70
	Dec 2015	5	6	9309.52	69
	Jan 2016	4	6	9308.46	67
	Feb 2016	4	6	9307.03	65
	Mar 2016	4	6	9306.00	64
	Apr 2016	9	6	9307.82	66
	May 2016	28	14	9316.53	81
	Jun 2016	42	22	9327.14	100
	Jul 2016	20	22	9326.19	99
	Aug 2016	10	20	9321.08	89
	Sep 2016	7	16	9316.25	80
	WY 2016	**145**	**138**		
	Oct 2016	7	8	9315.48	79
	Nov 2016	5	6	9314.96	78

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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December 2014 24-Month Study

Most Probable Inflow*

Blue Mesa Reservoir

	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Dec 2013	25	25	0	11	0	11	7461.56	381
H	Jan 2014	22	22	0	14	0	14	7462.81	389
I	Feb 2014	23	22	0	13	0	13	7464.31	398
S	Mar 2014	32	33	0	23	0	23	7465.76	408
T	Apr 2014	129	130	1	28	0	28	7480.43	509
O	May 2014	242	240	1	69	3	72	7501.73	676
R	Jun 2014	361	338	1	185	142	353	7499.76	659
I	Jul 2014	117	123	1	118	0	118	7500.15	663
C	Aug 2014	64	72	1	104	0	104	7496.00	629
A	Sep 2014	48	52	1	81	0	81	7492.28	599
	WY 2014	**1145**	**1138**	**8**	**708**	**145**	**879**		
L	Oct 2014	55	53	1	64	0	64	7490.77	587
*	Nov 2014	37	36	0	27	0	27	7491.85	596
	Dec 2014	29	30	0	45	0	45	7489.95	581
	Jan 2015	25	27	0	55	0	55	7486.24	552
	Feb 2015	22	24	0	50	0	50	7482.79	527
	Mar 2015	35	37	0	47	0	47	7481.36	516
	Apr 2015	77	76	1	45	0	45	7485.35	546
	May 2015	220	210	1	120	0	120	7496.73	635
	Jun 2015	240	223	1	50	0	50	7516.82	806
	Jul 2015	90	96	2	98	0	98	7516.40	802
	Aug 2015	52	65	1	126	0	126	7509.36	740
	Sep 2015	38	47	1	114	0	114	7501.33	672
	WY 2015	**919**	**923**	**9**	**841**	**0**	**841**		
	Oct 2015	38	40	1	60	0	60	7498.80	652
	Nov 2015	31	32	0	50	0	50	7496.57	633
	Dec 2015	26	27	0	79	0	79	7490.00	581
	Jan 2016	24	26	0	73	0	73	7483.81	534
	Feb 2016	22	25	0	51	0	51	7480.21	508
	Mar 2016	36	38	0	32	0	32	7480.92	513
	Apr 2016	77	74	1	42	0	42	7485.17	544
	May 2016	221	207	1	113	0	113	7497.02	637
	Jun 2016	261	241	1	76	0	76	7516.23	801
	Jul 2016	117	119	2	116	0	116	7516.40	803
	Aug 2016	63	73	1	122	0	122	7510.76	752
	Sep 2016	38	47	1	116	0	116	7502.51	682
	WY 2016	**955**	**948**	**9**	**929**	**0**	**929**		
	Oct 2016	38	40	1	60	0	60	7499.98	661
	Nov 2016	31	32	0	50	0	50	7497.75	643

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Managing Water in the West

December 2014 24-Month Study

Most Probable Inflow*

Morrow Point Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Dec 2013	26	11	1	12	0	0	16	7147.65	107
H	Jan 2014	24	14	2	16	0	0	16	7148.51	108
I	Feb 2014	24	13	2	14	12	0	14	7148.21	108
S	Mar 2014	33	23	1	24	25	0	25	7146.76	107
T	Apr 2014	143	28	13	41	42	0	42	7146.13	106
O	May 2014	268	72	26	98	93	0	93	7152.55	111
R	Jun 2014	379	353	18	372	295	63	382	7138.91	101
I	Jul 2014	120	118	3	122	82	8	110	7153.91	112
C	Aug 2014	64	104	1	105	104	0	104	7154.40	113
A	Sep 2014	49	81	1	82	82	0	82	7153.75	112
	WY 2014	**1215**	**879**	**70**	**949**	**782**	**73**	**949**		
L	Oct 2014	56	64	1	65	49	0	68	7149.96	109
*	Nov 2014	38	27	2	29	23	0	26	7154.03	112
	Dec 2014	30	45	1	46	46	0	46	7153.73	112
	Jan 2015	27	55	2	57	57	0	57	7153.73	112
	Feb 2015	25	50	3	53	53	0	53	7153.73	112
	Mar 2015	38	47	3	50	50	0	50	7153.73	112
	Apr 2015	88	45	11	56	56	0	56	7153.73	112
	May 2015	245	120	25	145	145	0	145	7153.73	112
	Jun 2015	255	50	15	65	65	0	65	7153.73	112
	Jul 2015	94	98	4	102	102	0	102	7153.73	112
	Aug 2015	54	126	2	128	128	0	128	7153.73	112
	Sep 2015	40	114	2	116	116	0	116	7153.73	112
	WY 2015	**990**	**841**	**71**	**912**	**890**	**0**	**912**		
	Oct 2015	40	60	2	62	62	0	62	7153.73	112
	Nov 2015	33	50	2	52	52	0	52	7153.73	112
	Dec 2015	28	79	2	81	81	0	81	7153.73	112
	Jan 2016	27	73	2	75	75	0	75	7153.73	112
	Feb 2016	25	51	3	54	54	0	54	7153.73	112
	Mar 2016	40	32	4	36	36	0	36	7153.73	112
	Apr 2016	88	42	11	53	53	0	53	7153.73	112
	May 2016	247	113	26	139	139	0	139	7153.73	112
	Jun 2016	281	76	20	96	96	0	96	7153.73	112
	Jul 2016	123	116	6	122	122	0	122	7153.73	112
	Aug 2016	67	122	3	125	125	0	125	7153.73	112
	Sep 2016	41	116	3	119	119	0	119	7153.73	112
	WY 2016	**1040**	**929**	**84**	**1014**	**1014**	**0**	**1014**		
	Oct 2016	41	60	3	63	63	0	63	7153.73	112
	Nov 2016	33	50	2	52	52	0	52	7153.73	112

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December 2014 24-Month Study

Most Probable Inflow*

Crystal Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
*	Dec 2013	30	16	4	20	20	0	20	6749.68	16	0	20
H	Jan 2014	27	16	3	19	6	14	20	6746.01	15	1	20
I	Feb 2014	29	14	5	19	3	17	20	6743.52	14	1	20
S	Mar 2014	39	25	6	31	30	0	31	6744.65	15	1	30
T	Apr 2014	154	42	11	53	53	0	53	6743.26	14	28	26
O	May 2014	297	93	29	122	88	22	118	6758.88	19	52	69
R	Jun 2014	414	382	35	417	108	126	419	6751.56	17	61	378
I	Jul 2014	130	110	10	120	119	2	120	6749.06	16	67	59
C	Aug 2014	69	104	4	109	108	0	108	6749.65	16	65	48
A	Sep 2014	53	82	4	86	84	3	87	6747.57	15	62	26
	WY 2014	**1337**	**949**	**123**	**1071**	**690**	**187**	**1071**			**374**	**738**
L	Oct 2014	61	68	5	73	74	0	74	6745.88	15	48	28
*	Nov 2014	43	26	5	30	29	0	30	6748.06	16	0	31
	Dec 2014	35	46	5	51	50	0	50	6753.04	17	0	50
	Jan 2015	31	57	4	61	61	0	61	6753.04	17	0	61
	Feb 2015	29	53	4	57	57	0	57	6753.04	17	0	57
	Mar 2015	43	50	5	55	55	0	55	6753.04	17	5	50
	Apr 2015	98	56	10	66	66	0	66	6753.04	17	30	36
	May 2015	270	145	25	170	134	36	170	6753.04	17	55	115
	Jun 2015	280	65	25	90	90	0	90	6753.04	17	60	30
	Jul 2015	100	102	6	108	108	0	108	6753.04	17	65	43
	Aug 2015	60	128	6	134	134	0	134	6753.04	17	65	69
	Sep 2015	46	116	6	122	122	0	122	6753.04	17	55	67
	WY 2015	**1096**	**912**	**106**	**1018**	**980**	**36**	**1016**			**383**	**636**
	Oct 2015	46	62	6	68	68	0	68	6753.04	17	30	38
	Nov 2015	38	52	5	57	57	0	57	6753.04	17	0	57
	Dec 2015	32	81	5	86	86	0	86	6753.04	17	0	86
	Jan 2016	31	75	5	80	80	0	80	6753.04	17	0	80
	Feb 2016	29	54	4	57	57	0	57	6753.04	17	0	57
	Mar 2016	46	36	6	42	42	0	42	6753.04	17	5	37
	Apr 2016	101	53	12	66	66	0	66	6753.04	17	30	36
	May 2016	281	139	34	173	134	39	173	6753.04	17	55	118
	Jun 2016	315	96	34	130	130	0	130	6753.04	17	60	70
	Jul 2016	138	122	14	136	134	2	136	6753.04	17	65	71
	Aug 2016	75	125	8	134	134	0	134	6753.04	17	65	69
	Sep 2016	47	119	6	125	125	0	125	6753.04	17	55	70
	WY 2016	**1179**	**1014**	**140**	**1153**	**1112**	**41**	**1153**			**365**	**788**
	Oct 2016	47	63	6	69	69	0	69	6753.04	17	30	39
	Nov 2016	38	52	5	57	57	0	57	6753.04	17	0	57

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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December 2014 24-Month Study

Most Probable Inflow*

Vallecito Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Dec 2013	7	2	7652.32	93
H	Jan 2014	6	2	7653.61	96
I	Feb 2014	5	2	7654.41	98
S	Mar 2014	7	11	7653.05	94
T	Apr 2014	28	16	7657.59	106
O	May 2014	59	43	7663.60	122
R	Jun 2014	47	50	7662.12	118
I	Jul 2014	15	38	7653.12	95
C	Aug 2014	14	32	7645.08	75
A	Sep 2014	22	28	7642.43	70
	WY 2014	**238**	**229**		
L	Oct 2014	23	5	7650.16	87
*	Nov 2014	10	3	7652.74	94
	Dec 2014	6	3	7653.98	97
	Jan 2015	5	3	7654.72	99
	Feb 2015	4	3	7655.29	100
	Mar 2015	6	2	7656.96	104
	Apr 2015	19	1	7663.52	121
	May 2015	60	56	7664.93	125
	Jun 2015	60	61	7664.34	124
	Jul 2015	21	42	7656.28	102
	Aug 2015	16	38	7647.15	80
	Sep 2015	13	30	7639.53	63
	WY 2015	**244**	**246**		
	Oct 2015	13	17	7637.40	59
	Nov 2015	8	1	7640.48	65
	Dec 2015	6	2	7642.66	70
	Jan 2016	5	2	7644.36	74
	Feb 2016	5	1	7645.77	77
	Mar 2016	9	2	7648.71	84
	Apr 2016	23	1	7657.42	105
	May 2016	71	53	7664.25	123
	Jun 2016	70	70	7664.19	123
	Jul 2016	29	41	7659.27	110
	Aug 2016	20	38	7652.00	92
	Sep 2016	17	29	7646.92	80
	WY 2016	**277**	**258**		
	Oct 2016	16	16	7646.49	79
	Nov 2016	9	2	7649.32	85

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2184

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

December 2014 24-Month Study

Most Probable Inflow*

Navajo Reservoir

	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azetea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Farmington Flow (1000 Ac-Ft)
*	Dec 2013	26	0	21	0	0	16	6025.59	965	39
H	Jan 2014	19	0	16	0	0	17	6025.41	963	36
I	Feb 2014	23	0	21	1	0	18	6025.70	966	35
S	Mar 2014	52	2	53	1	4	18	6028.76	996	41
T	Apr 2014	123	14	98	2	21	18	6034.32	1053	64
O	May 2014	176	20	141	3	31	17	6042.68	1142	115
R	Jun 2014	116	19	98	4	39	20	6045.77	1177	148
I	Jul 2014	14	2	35	4	44	29	6042.03	1135	64
C	Aug 2014	14	1	32	3	37	39	6037.72	1088	61
A	Sep 2014	39	1	47	2	22	31	6036.99	1081	64
	WY 2014	**696**	**62**	**626**	**23**	**203**	**253**			**756**
L	Oct 2014	68	1	46	1	7	22	6038.47	1096	65
*	Nov 2014	28	0	21	1	0	21	6038.43	1096	46
	Dec 2014	20	0	17	1	0	22	6037.94	1091	22
	Jan 2015	17	0	15	1	0	22	6037.27	1084	22
	Feb 2015	22	0	20	1	0	19	6037.28	1084	19
	Mar 2015	50	1	44	1	5	22	6038.85	1100	22
	Apr 2015	110	10	83	2	19	21	6042.61	1141	21
	May 2015	200	26	169	3	33	49	6050.05	1226	49
	Jun 2015	151	22	130	4	48	77	6050.15	1227	77
	Jul 2015	29	3	46	4	52	22	6047.43	1196	22
	Aug 2015	28	1	49	3	44	22	6045.70	1176	22
	Sep 2015	31	1	47	2	24	21	6045.65	1175	21
	WY 2015	**754**	**65**	**688**	**24**	**233**	**336**			**406**
	Oct 2015	38	1	41	2	9	22	6046.47	1185	22
	Nov 2015	30	0	23	1	0	21	6046.60	1186	21
	Dec 2015	25	0	20	1	0	22	6046.43	1184	22
	Jan 2016	22	0	18	1	0	22	6046.06	1180	22
	Feb 2016	30	0	27	1	0	20	6046.57	1186	20
	Mar 2016	92	2	84	1	5	22	6051.33	1241	22
	Apr 2016	170	14	134	2	20	29	6058.18	1325	29
	May 2016	277	40	219	3	33	216	6055.40	1290	216
	Jun 2016	224	33	190	4	49	193	6050.74	1234	193
	Jul 2016	66	7	71	4	52	22	6050.18	1228	22
	Aug 2016	45	1	62	3	44	22	6049.55	1220	22
	Sep 2016	43	1	54	3	24	21	6050.14	1227	21
	WY 2016	**1063**	**100**	**944**	**25**	**237**	**629**			**629**
	Oct 2016	47	2	46	2	8	22	6051.37	1242	22
	Nov 2016	34	1	26	1	0	21	6051.72	1246	21

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

December 2014 24-Month Study

Most Probable Inflow*

Lake Powell

	Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry Gage (1000 Ac-Ft)
*	Dec 2013	295	291	23	601	0	601	3584.43	4880	10324	595
H	Jan 2014	270	271	7	800	0	800	3578.69	4840	9828	811
I	Feb 2014	330	321	7	599	0	599	3575.55	4819	9563	604
S	Mar 2014	509	444	12	504	0	504	3574.76	4813	9497	510
T	Apr 2014	964	774	19	502	0	502	3577.56	4832	9732	512
O	May 2014	2082	1632	24	493	0	493	3589.38	4915	10764	498
R	Jun 2014	3039	2676	42	598	0	598	3609.19	5066	12649	609
I	Jul 2014	838	730	53	800	0	800	3608.05	5056	12535	814
C	Aug 2014	517	615	53	801	0	801	3605.82	5039	12314	818
A	Sep 2014	511	622	48	604	0	604	3605.53	5037	12286	619
	WY 2014	**10381**	**9287**	**347**	**7337**	**143**	**7480**				**7568**
L	Oct 2014	716	636	34	598	0	598	3605.57	5037	12290	613
*	Nov 2014	422	419	32	644	132	776	3601.87	5008	11929	785
	Dec 2014	360	442	25	866	0	866	3597.51	4975	11514	874
	Jan 2015	330	435	8	860	0	860	3593.20	4943	11113	871
	Feb 2015	370	454	8	600	0	600	3591.64	4931	10970	607
	Mar 2015	590	616	13	650	0	650	3591.16	4928	10926	656
	Apr 2015	930	839	22	600	0	600	3593.36	4944	11128	609
	May 2015	2100	1811	27	700	0	700	3603.95	5024	12131	708
	Jun 2015	2400	2002	45	800	0	800	3614.64	5110	13203	808
	Jul 2015	850	799	55	1050	0	1050	3611.87	5087	12920	1067
	Aug 2015	370	499	54	800	0	800	3608.62	5061	12592	819
	Sep 2015	350	486	49	700	0	700	3606.17	5042	12349	713
	WY 2015	**9788**	**9438**	**370**	**8868**	**132**	**9000**				**9129**
	Oct 2015	464	523	34	600	0	600	3605.13	5033	12247	609
	Nov 2015	450	509	32	600	0	600	3603.97	5024	12133	610
	Dec 2015	363	480	25	800	0	800	3600.66	4999	11814	808
	Jan 2016	361	472	8	800	0	800	3597.39	4974	11503	811
	Feb 2016	393	464	8	650	0	650	3595.47	4960	11323	657
	Mar 2016	665	598	14	650	0	650	3594.81	4955	11262	656
	Apr 2016	1056	896	22	600	0	600	3597.52	4975	11515	609
	May 2016	2343	2192	28	650	0	650	3611.85	5087	12917	658
	Jun 2016	2666	2250	47	800	0	800	3624.22	5191	14216	808
	Jul 2016	1091	1005	59	1000	0	1000	3623.76	5187	14166	1017
	Aug 2016	500	603	58	1050	0	1050	3619.38	5150	13698	1069
	Sep 2016	408	540	52	800	0	800	3616.63	5126	13409	813
	WY 2016	**10760**	**10533**	**388**	**9000**	**0**	**9000**				**9124**
	Oct 2016	512	570	36	600	0	600	3616.04	5122	13348	609
	Nov 2016	473	536	35	600	0	600	3615.16	5114	13257	609

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

December 2014 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Glen Release (1000 Ac-Ft)	Side Inflow Glen to Hoover (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Dec 2013	601	43	40	558	9.1	9	556	802	1106.73	12344
H	Jan 2014	800	45	33	605	9.8	8	604	815	1108.75	12531
I	Feb 2014	599	76	31	717	12.9	8	716	810	1107.94	12456
S	Mar 2014	504	29	34	1090	17.7	13	1035	773	1101.71	11888
T	Apr 2014	502	17	41	1134	19.1	20	1097	731	1094.55	11254
O	May 2014	493	13	46	1086	17.7	30	1083	692	1087.46	10639
R	Jun 2014	598	10	54	959	16.1	28	803	665	1082.66	10233
I	Jul 2014	800	54	67	943	15.3	27	943	654	1080.60	10061
C	Aug 2014	801	113	71	735	12.0	23	734	659	1081.55	10140
A	Sep 2014	604	140	58	686	11.5	19	684	658	1081.33	10121
	WY 2014	**7480**	**677**	**567**	**9759**		**216**	**9485**			
L	Oct 2014	598	67	43	472	7.7	21	461	666	1082.79	10244
*	Nov 2014	776	49	43	695	11.7	13	709	670	1083.57	10309
	Dec 2014	866	95	37	567	9.2	17	567	691	1087.34	10628
	Jan 2015	860	75	31	750	12.2	8	750	700	1088.94	10766
	Feb 2015	600	78	28	601	10.8	7	601	702	1089.40	10805
	Mar 2015	650	68	32	1019	16.6	15	1019	681	1085.58	10478
	Apr 2015	600	80	38	1141	19.2	21	1141	649	1079.75	9990
	May 2015	700	60	44	1021	16.6	29	1021	629	1075.93	9676
	Jun 2015	800	23	52	942	15.8	30	942	617	1073.60	9488
	Jul 2015	1050	64	65	894	14.5	31	894	624	1075.04	9604
	Aug 2015	800	116	69	801	13.0	29	801	625	1075.23	9620
	Sep 2015	700	97	57	716	12.0	16	716	626	1075.32	9627
	WY 2015	**9000**	**872**	**538**	**9619**		**238**	**9622**			
	Oct 2015	600	52	42	519	8.4	21	519	630	1076.15	9694
	Nov 2015	600	52	42	634	10.7	11	634	628	1075.76	9662
	Dec 2015	800	95	36	578	9.4	8	578	645	1078.88	9919
	Jan 2016	800	75	30	704	11.5	9	704	653	1080.39	10043
	Feb 2016	650	78	27	620	10.8	8	620	657	1081.21	10112
	Mar 2016	650	68	31	1016	16.5	16	1016	636	1077.30	9788
	Apr 2016	600	80	37	1110	18.6	22	1110	606	1071.63	9330
	May 2016	650	60	42	996	16.2	30	996	585	1067.39	8993
	Jun 2016	800	23	50	915	15.4	30	915	574	1065.32	8831
	Jul 2016	1000	64	62	890	14.5	32	890	579	1066.27	8906
	Aug 2016	1050	116	67	800	13.0	30	800	595	1069.49	9159
	Sep 2016	800	97	56	727	12.2	17	727	601	1070.64	9250
	WY 2016	**9000**	**861**	**521**	**9509**		**232**	**9509**			
	Oct 2016	600	55	41	487	7.9	21	487	608	1071.88	9350
	Nov 2016	600	54	41	631	10.6	12	631	606	1071.53	9322

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

December 2014 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Dec 2013	558	-10	9	470	0	470	7.6	639.57	1606
H	Jan 2014	605	-7	10	552	0	552	9.0	640.94	1643
I	Feb 2014	717	-22	10	658	0	658	11.9	641.96	1670
S	Mar 2014	1090	-12	13	1074	0	1074	17.5	641.61	1661
T	Apr 2014	1134	-21	17	1054	0	1054	17.7	643.13	1702
O	May 2014	1086	-17	22	1023	0	1022	16.6	644.01	1726
R	Jun 2014	959	-19	25	947	0	947	15.9	642.83	1694
I	Jul 2014	943	-10	25	900	0	900	14.6	643.10	1701
C	Aug 2014	735	-6	23	697	0	697	11.3	643.43	1711
A	Sep 2014	686	-6	18	727	0	727	12.2	641.03	1645
	WY 2014	**9759**	**-139**	**198**	**9400**	**0**	**9400**			
L	Oct 2014	472	10	15	642	0	642	10.4	634.40	1470
*	Nov 2014	695	-6	10	629	0	629	10.6	636.32	1520
	Dec 2014	567	-17	9	479	0	479	7.8	638.70	1583
	Jan 2015	750	-14	10	638	0	638	10.4	642.00	1671
	Feb 2015	601	-10	10	586	0	586	10.6	641.80	1666
	Mar 2015	1019	-15	13	957	0	957	15.6	643.05	1700
	Apr 2015	1141	-17	17	1108	0	1108	18.6	643.00	1699
	May 2015	1021	-13	22	986	0	986	16.0	643.00	1699
	Jun 2015	942	-14	25	930	0	930	15.6	642.00	1671
	Jul 2015	894	-10	25	872	0	872	14.2	641.50	1658
	Aug 2015	801	-11	23	768	0	768	12.5	641.50	1658
	Sep 2015	716	-4	18	734	0	734	12.3	640.01	1617
	WY 2015	**9619**	**-122**	**197**	**9327**	**0**	**9327**			
	Oct 2015	519	-2	15	685	0	685	11.1	633.00	1434
	Nov 2015	634	-13	10	560	0	560	9.4	635.00	1486
	Dec 2015	578	-17	9	455	0	455	7.4	638.71	1583
	Jan 2016	704	-14	10	597	0	597	9.7	641.80	1666
	Feb 2016	620	-10	10	600	0	600	10.4	641.80	1666
	Mar 2016	1016	-15	13	953	0	953	15.5	643.05	1700
	Apr 2016	1110	-17	17	1077	0	1077	18.1	643.00	1699
	May 2016	996	-13	22	961	0	961	15.6	643.00	1699
	Jun 2016	915	-14	25	903	0	903	15.2	642.00	1671
	Jul 2016	890	-10	25	868	0	868	14.1	641.50	1658
	Aug 2016	800	-11	23	767	0	767	12.5	641.50	1658
	Sep 2016	727	-4	18	745	0	745	12.5	640.01	1617
	WY 2016	**9509**	**-141**	**197**	**9171**	**0**	**9171**			
	Oct 2016	487	-2	15	654	0	654	10.6	633.00	1434
	Nov 2016	631	-13	10	557	0	557	9.4	635.00	1486

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

December 2014 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
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	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	Dec 2013	470	7	7	285	4.6	100	138	445.37	531	99	1.6
H	Jan 2014	552	13	6	353	5.7	101	84	446.23	547	131	2.1
I	Feb 2014	658	19	8	450	8.1	48	130	448.13	582	162	2.9
S	Mar 2014	1074	-3	9	809	13.1	90	176	447.05	562	260	4.2
T	Apr 2014	1054	24	11	756	12.7	105	178	448.11	582	241	4.0
O	May 2014	1022	-4	13	694	11.3	110	184	448.48	589	115	1.9
R	Jun 2014	947	10	15	713	12.0	95	133	447.90	578	112	4.5
I	Jul 2014	900	18	17	685	11.1	105	93	448.27	585	118	1.9
C	Aug 2014	697	26	17	495	8.1	106	99	448.10	582	100	1.6
A	Sep 2014	727	13	15	474	8.0	102	140	448.17	583	90	1.5
	WY 2014	**9400**	**167**	**140**	**6496**		**1137**	**1685**			**1587**	
L	Oct 2014	642	16	12	432	7.0	105	135	446.41	550	66	1.1
*	Nov 2014	629	10	9	351	5.9	102	147	447.77	576	89	1.5
	Dec 2014	479	23	7	263	4.3	106	136	447.00	561	97	1.6
	Jan 2015	638	16	6	357	5.8	106	180	447.00	561	130	2.1
	Feb 2015	586	11	8	458	8.3	41	92	446.50	552	161	2.9
	Mar 2015	957	17	9	730	11.9	76	145	446.70	555	205	3.3
	Apr 2015	1108	21	11	815	13.7	88	168	448.70	593	205	3.4
	May 2015	986	21	13	717	11.7	92	173	448.70	593	113	1.8
	Jun 2015	930	17	16	705	11.9	88	124	448.70	593	111	1.9
	Jul 2015	872	29	17	706	11.5	92	86	448.00	580	119	1.9
	Aug 2015	768	27	17	599	9.7	92	85	447.50	571	100	1.6
	Sep 2015	734	25	15	523	8.8	88	123	447.50	570	89	1.5
	WY 2015	**9327**	**233**	**139**	**6657**		**1077**	**1593**			**1486**	
	Oct 2015	685	25	12	478	7.8	83	130	447.50	571	55	0.9
	Nov 2015	560	31	9	373	6.3	80	124	447.50	571	103	1.7
	Dec 2015	455	23	7	293	4.8	83	110	446.50	552	108	1.7
	Jan 2016	597	16	6	360	5.8	71	172	446.50	552	130	2.1
	Feb 2016	600	11	8	440	7.6	64	92	446.50	552	161	2.8
	Mar 2016	953	17	9	733	11.9	71	145	446.70	555	205	3.3
	Apr 2016	1077	21	11	805	13.5	68	167	448.70	593	205	3.4
	May 2016	961	21	13	714	11.6	71	173	448.70	593	113	1.8
	Jun 2016	903	17	16	699	11.7	68	124	448.70	593	111	1.9
	Jul 2016	868	29	17	724	11.8	71	86	448.00	580	119	1.9
	Aug 2016	767	27	17	619	10.1	71	85	447.50	571	100	1.6
	Sep 2016	745	25	15	555	9.3	68	123	447.50	570	89	1.5
	WY 2016	**9171**	**263**	**139**	**6791**		**866**	**1531**			**1500**	
	Oct 2016	654	25	12	459	7.5	71	130	447.50	571	55	0.9
	Nov 2016	557	31	9	379	6.4	68	127	447.50	571	103	1.7

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

December 2014 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Dec 2013	558	9.1	1106.73	12344	34	463.77	1188.0	230.3	68	412.8
H	Jan 2014	605	9.8	1108.75	12531	186	465.47	746.0	250.9	43	414.5
I	Feb 2014	717	12.9	1107.94	12456	-75	461.16	1415.0	298.2	81	415.9
S	Mar 2014	1090	17.7	1101.71	11888	-567	457.72	1234.0	451.5	71	414.3
T	Apr 2014	1134	19.1	1094.55	11254	-635	447.66	1146.0	459.8	68	405.6
O	May 2014	1086	17.7	1087.46	10639	-615	440.39	1341.0	431.0	81	397.1
R	Jun 2014	959	16.1	1082.66	10233	-406	437.98	1541.0	372.9	93	388.7
I	Jul 2014	943	15.3	1080.60	10061	-172	434.94	1615.0	363.6	100	385.7
C	Aug 2014	735	12.0	1081.55	10140	79	436.53	1493.0	279.3	94	379.9
A	Sep 2014	686	11.5	1081.33	10121	-18	437.59	1493.0	262.1	94	382.2
	WY 2014	**9759**							**3910.2**		
L	Oct 2014	472	7.7	1082.79	10244	122	442.74	1282.0	180.0	81	381.5
*	Nov 2014	695	11.7	1083.57	10309	65	437.62	1079.0	270.7	68	389.5
	Dec 2014	567	9.2	1087.34	10628	319	440.34	889.0	223.4	55	394.0
	Jan 2015	750	12.2	1088.94	10766	138	440.21	1037.0	300.9	64	401.0
	Feb 2015	601	10.8	1089.40	10805	39	441.51	845.0	240.4	52	400.2
	Mar 2015	1019	16.6	1085.58	10478	-327	437.45	1136.0	407.1	71	399.5
	Apr 2015	1141	19.2	1079.75	9990	-488	431.79	1180.0	457.0	75	400.7
	May 2015	1021	16.6	1075.93	9676	-314	426.31	1266.0	393.4	82	385.4
	Jun 2015	942	15.8	1073.60	9488	-189	421.66	1533.0	359.1	100	381.1
	Jul 2015	894	14.5	1075.04	9604	117	421.71	1541.0	337.1	100	377.1
	Aug 2015	801	13.0	1075.23	9620	16	422.68	1542.0	305.9	100	381.7
	Sep 2015	716	12.0	1075.32	9627	7	423.31	1542.0	271.1	100	378.8
	WY 2015	**9619**							**3746.3**		
	Oct 2015	519	8.4	1076.15	9694	67	429.27	1056.0	201.4	68	388.4
	Nov 2015	634	10.7	1075.76	9662	-32	432.54	943.0	245.9	61	388.0
	Dec 2015	578	9.4	1078.88	9919	256	429.99	1252.0	220.4	80	381.2
	Jan 2016	704	11.5	1080.39	10043	125	431.25	1091.0	273.6	69	388.5
	Feb 2016	620	10.8	1081.21	10112	68	430.59	1210.0	237.6	77	383.0
	Mar 2016	1016	16.5	1077.30	9788	-323	428.74	1179.0	395.5	76	389.4
	Apr 2016	1110	18.6	1071.63	9330	-459	423.04	1232.0	431.5	81	388.9
	May 2016	996	16.2	1067.39	8993	-337	418.04	1224.7	374.9	82	376.4
	Jun 2016	915	15.4	1065.32	8831	-162	413.33	1483.9	340.3	100	372.0
	Jul 2016	890	14.5	1066.27	8906	75	413.27	1489.3	335.7	100	377.0
	Aug 2016	800	13.0	1069.49	9159	253	415.49	1507.4	300.2	100	375.1
	Sep 2016	727	12.2	1070.64	9250	91	418.14	1513.9	272.5	100	374.9
	WY 2016	**9509**							**3629.6**		
	Oct 2016	487	7.9	1071.88	9350	99	424.82	1038.2	186.3	68	382.2
	Nov 2016	631	10.6	1071.53	9322	-28	428.32	927.7	242.6	61	384.2

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2184

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

December 2014 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Dec 2013	470	7.6	639.57	1606	69	136.36	173.4	59.4	68	126.5
H	Jan 2014	552	9.0	640.94	1643	37	139.11	163.2	68.9	64	124.9
I	Feb 2014	658	11.9	641.96	1670	28	138.63	173.4	84.5	68	128.3
S	Mar 2014	1074	17.5	641.61	1661	-10	138.63	252.5	134.6	99	125.3
T	Apr 2014	1054	17.7	643.13	1702	42	141.55	255.0	132.2	100	125.4
O	May 2014	1023	16.6	644.01	1726	24	143.52	255.0	127.7	100	124.9
R	Jun 2014	947	15.9	642.83	1694	-32	141.57	255.0	119.3	100	126.0
I	Jul 2014	900	14.6	643.10	1701	7	143.48	255.0	112.8	100	125.4
C	Aug 2014	697	11.3	643.43	1711	9	143.79	255.0	88.3	100	126.7
A	Sep 2014	727	12.2	641.03	1645	-65	138.41	255.0	91.5	100	126.0
	WY 2014	**9400**							**1175.6**		
L	Oct 2014	642	10.4	634.40	1470	-175	134.93	191.3	72.3	75	112.7
*	Nov 2014	629	10.6	636.32	1520	50	136.47	158.1	74.4	62	118.2
	Dec 2014	479	7.8	638.70	1583	63	133.20	160.7	58.8	63	122.9
	Jan 2015	638	10.4	642.00	1671	89	136.06	163.2	79.4	64	124.5
	Feb 2015	586	10.6	641.80	1666	-5	136.87	186.2	73.7	73	125.8
	Mar 2015	957	15.6	643.05	1700	34	135.44	255.0	119.2	100	124.6
	Apr 2015	1108	18.6	643.00	1699	-2	136.07	255.0	137.6	100	124.2
	May 2015	986	16.0	643.00	1699	0	136.04	255.0	123.2	100	125.0
	Jun 2015	930	15.6	642.00	1671	-27	135.51	255.0	115.9	100	124.6
	Jul 2015	872	14.2	641.50	1658	-14	134.73	255.0	108.5	100	124.4
	Aug 2015	768	12.5	641.50	1658	0	134.46	255.0	95.8	100	124.7
	Sep 2015	734	12.3	640.01	1617	-40	133.68	255.0	91.0	100	124.1
	WY 2015	**9327**							**1149.8**		
	Oct 2015	685	11.1	633.00	1434	-183	129.77	234.6	82.7	92	120.7
	Nov 2015	560	9.4	635.00	1486	51	127.90	209.1	66.6	82	119.1
	Dec 2015	455	7.4	638.71	1583	97	130.45	224.4	55.8	88	122.5
	Jan 2016	597	9.7	641.80	1666	83	135.97	163.2	74.4	64	124.6
	Feb 2016	600	10.4	641.80	1666	0	137.17	173.4	75.5	68	125.7
	Mar 2016	953	15.5	643.05	1700	34	135.44	255.0	118.8	100	124.6
	Apr 2016	1077	18.1	643.00	1699	-2	136.07	255.0	133.9	100	124.4
	May 2016	961	15.6	643.00	1699	0	136.04	255.0	120.3	100	125.1
	Jun 2016	903	15.2	642.00	1671	-27	135.51	255.0	112.6	100	124.8
	Jul 2016	868	14.1	641.50	1658	-14	134.73	255.0	108.0	100	124.4
	Aug 2016	767	12.5	641.50	1658	0	134.46	255.0	95.7	100	124.8
	Sep 2016	745	12.5	640.01	1617	-40	133.68	255.0	92.4	100	124.1
	WY 2016	**9171**							**1136.6**		
	Oct 2016	654	10.6	633.00	1434	-183	129.77	234.6	79.0	92	120.9
	Nov 2016	557	9.4	635.00	1486	51	127.90	209.1	66.4	82	119.1

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

December 2014 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Dec 2013	285	4.6	445.37	531	-56	80.69	91.2	19.0	76	66.8
H	Jan 2014	353	5.7	446.23	547	16	80.02	90.0	24.2	75	68.4
I	Feb 2014	450	8.1	448.13	582	35	82.38	92.4	31.2	77	69.4
S	Mar 2014	809	13.1	447.05	562	-20	77.18	106.8	55.4	89	68.5
T	Apr 2014	756	12.7	448.11	582	20	80.82	120.0	52.3	100	69.1
O	May 2014	694	11.3	448.48	589	7	80.45	106.8	49.2	89	70.8
R	Jun 2014	713	12.0	447.90	578	-11	81.61	120.0	49.8	100	69.8
I	Jul 2014	685	11.1	448.27	585	7	82.46	120.0	47.9	100	70.0
C	Aug 2014	495	8.1	448.10	582	-3	81.82	120.0	35.2	100	71.2
A	Sep 2014	474	8.0	448.17	583	1	82.36	120.0	33.7	100	70.9
	WY 2014	**6495**							**451.6**		
L	Oct 2014	432	7.0	446.41	550	-33	80.56	91.2	30.8	76	71.3
*	Nov 2014	351	5.9	447.77	576	25	81.18	96.0	24.4	80	69.4
	Dec 2014	263	4.3	447.00	561	-15	74.78	120.0	16.4	100	62.4
	Jan 2015	357	5.8	447.00	561	0	75.62	93.6	23.0	78	64.5
	Feb 2015	458	8.3	446.50	552	-9	75.38	93.6	30.0	78	65.5
	Mar 2015	730	11.9	446.70	555	4	74.53	108.0	47.8	90	65.5
	Apr 2015	815	13.7	448.70	593	38	75.08	120.0	53.9	100	66.1
	May 2015	717	11.7	448.70	593	0	76.05	120.0	47.7	100	66.5
	Jun 2015	705	11.9	448.70	593	0	76.05	120.0	46.9	100	66.6
	Jul 2015	706	11.5	448.00	580	-13	75.71	120.0	46.8	100	66.2
	Aug 2015	599	9.7	447.50	571	-9	75.13	120.0	39.2	100	65.5
	Sep 2015	523	8.8	447.50	570	0	74.89	120.0	34.0	100	65.0
	WY 2015	**6657**							**440.9**		
	Oct 2015	478	7.8	447.50	571	0	76.04	94.8	31.5	79	65.8
	Nov 2015	373	6.3	447.50	571	0	75.69	102.0	24.1	85	64.7
	Dec 2015	293	4.8	446.50	552	-19	74.40	120.0	18.4	100	62.7
	Jan 2016	360	5.8	446.50	552	0	75.01	96.0	23.0	80	64.1
	Feb 2016	440	7.6	446.50	552	0	75.13	93.6	28.6	78	65.1
	Mar 2016	733	11.9	446.70	555	4	74.01	120.0	47.6	100	65.0
	Apr 2016	805	13.5	448.70	593	38	75.08	120.0	53.2	100	66.0
	May 2016	714	11.6	448.70	593	0	76.05	120.0	47.5	100	66.5
	Jun 2016	699	11.7	448.70	593	0	76.05	120.0	46.5	100	66.5
	Jul 2016	724	11.8	448.00	580	-13	75.71	120.0	48.0	100	66.3
	Aug 2016	619	10.1	447.50	571	-9	75.13	120.0	40.5	100	65.5
	Sep 2016	555	9.3	447.50	570	0	74.89	120.0	36.1	100	65.2
	WY 2016	**6791**							**445.1**		
	Oct 2016	459	7.5	447.50	571	0	75.69	102.0	30.0	85	65.3
	Nov 2016	379	6.4	447.50	571	0	75.69	102.0	24.6	85	64.8

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

December 2014 24-Month Study

Most Probable Inflow*

Upper Basin Power

	Date	Glen Canyon 1000 MWHR	Flaming Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Reservoir 1000 MWHR	Fontenelle Reservoir 1000 MWHR
*	Dec 2013	253	19	3	0	1	5
H	Jan 2014	337	19	3	0	0	4
I	Feb 2014	247	17	3	4	0	4
S	Mar 2014	207	19	6	8	4	4
	Winter 2014	**1477**	**110**	**30**	**28**	**17**	**22**
T	Apr 2014	206	19	7	13	9	5
O	May 2014	204	20	19	32	17	6
R	Jun 2014	260	80	54	103	21	7
I	Jul 2014	354	41	35	29	22	8
C	Aug 2014	353	48	31	37	21	9
A	Sep 2014	266	46	23	29	16	2
	Summer 2014	**1643**	**255**	**169**	**243**	**106**	**37**
L	Oct 2014	264	36	18	17	14	7
*	Nov 2014	281	30	7	7	4	6
	Dec 2014	342	41	13	17	9	7
	Jan 2015	336	44	16	21	11	6
	Feb 2015	234	40	15	19	10	5
	Mar 2015	252	52	14	18	10	7
	Winter 2015	**1709**	**242**	**83**	**99**	**56**	**40**
	Apr 2015	232	50	13	20	11	6
	May 2015	275	63	35	52	23	7
	Jun 2015	321	74	15	23	16	8
	Jul 2015	425	38	31	37	19	10
	Aug 2015	322	38	39	46	23	9
	Sep 2015	281	37	35	42	21	3
	Summer 2015	**1856**	**299**	**169**	**221**	**113**	**43**
	Oct 2015	239	38	18	22	12	6
	Nov 2015	238	36	15	19	10	6
	Dec 2015	316	38	23	29	15	6
	Jan 2016	314	38	21	27	14	5
	Feb 2016	254	35	15	19	10	5
	Mar 2016	253	38	9	13	7	5
	Winter 2016	**1615**	**222**	**102**	**130**	**67**	**32**
	Apr 2016	234	42	12	19	11	6
	May 2016	258	69	33	50	23	7
	Jun 2016	327	39	23	35	22	8
	Jul 2016	414	41	36	44	23	8
	Aug 2016	433	41	38	45	23	9
	Sep 2016	327	39	36	43	22	7
	Summer 2016	**1667**	**233**	**144**	**193**	**103**	**37**
	Oct 2016	244	41	18	23	12	6
	Nov 2016	244	39	15	19	10	6

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

December 2014 24-Month Study

Most Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions

Date	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Total KAF	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****CREDITABLE SPACE****										
Dec 2014	505	234	600	12393	13731	17068	30799	505	234	600	1339	12393	17068	30799	4580	567	0	29.7
Jan 2015	572	249	605	12808	14234	16749	30983	572	249	605	1426	12808	16749	30983	5350	750	0	29.4
								****EFFECTIVE SPACE****										
Jan 2015	572	249	605	12808	14234	16749	30983	242	244	278	763	12808	16749	30320	5350	750	0	29.4
Feb 2015	643	277	612	13209	14742	16611	31354	311	274	284	870	13209	16611	30690	1500	601	0	29.2
Mar 2015	703	303	612	13352	14971	16572	31543	370	302	283	955	13352	16572	30879	1500	1019	0	28.8
Apr 2015	744	314	596	13396	15049	16899	31948	406	314	260	980	13396	16899	31275	1500	1141	0	28.6
May 2015	751	284	555	13194	14784	17387	32171	408	282	198	888	13194	17387	31470	1500	1021	0	29.6
Jun 2015	665	195	470	12191	13520	17701	31221	311	182	78	571	12191	17701	30462	1500	942	0	30.8
Jul 2015	477	23	469	11119	12088	17889	29977	107	-8	25	123	11119	17889	29132	1500	894	0	30.7
								****CREDITABLE SPACE****										
Aug 2015	387	27	500	11402	12316	17773	30089	387	27	500	914	11402	17773	30089	1500	801	0	30.2
Sep 2015	418	89	520	11730	12758	17757	30515	418	89	520	1028	11730	17757	30515	2270	716	0	29.8
Oct 2015	476	157	521	11973	13127	17750	30877	476	157	521	1154	11973	17750	30877	3040	519	0	29.5
Nov 2015	528	178	511	12075	13292	17683	30975	528	178	511	1217	12075	17683	30975	3810	634	0	29.4
Dec 2015	580	196	510	12189	13475	17715	31189	580	196	510	1286	12189	17715	31189	4580	578	0	29.3
Jan 2016	649	248	512	12508	13917	17458	31376	649	248	512	1409	12508	17458	31376	5350	704	0	29.1
								****EFFECTIVE SPACE****										
Jan 2016	649	248	512	12508	13917	17458	31376	339	248	220	808	12508	17458	30774	5350	704	0	29.1
Feb 2016	713	295	516	12819	14343	17334	31677	402	295	224	921	12819	17334	31073	1500	620	0	28.9
Mar 2016	767	322	510	12999	14598	17265	31864	454	322	217	992	12999	17265	31257	1500	1016	0	28.6
Apr 2016	772	317	455	13060	14603	17589	32192	454	317	155	926	13060	17589	31574	1500	1110	0	28.5
May 2016	760	285	371	12807	14224	18047	32271	437	285	49	771	12807	18047	31626	1500	996	0	29.7
Jun 2016	714	192	406	11405	12717	18384	31101	382	186	47	615	11405	18384	30404	1500	915	0	31.2
Jul 2016	451	29	462	10106	11047	18546	29593	99	1	50	151	10106	18546	28802	1500	890	0	31.3
								****CREDITABLE SPACE****										
Aug 2016	368	27	468	10156	11019	18471	29490	368	27	468	863	10156	18471	29490	1500	800	0	31.0
Sep 2016	404	77	476	10624	11581	18218	29799	404	77	476	957	10624	18218	29799	2270	727	0	30.6
Oct 2016	468	147	469	10913	11997	18127	30124	468	147	469	1084	10913	18127	30124	3040	487	0	30.4
Nov 2016	527	168	454	10974	12123	18027	30150	527	168	454	1149	10974	18027	30150	3810	631	0	30.2

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2184

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February 24-Month Study
Date: February 12, 2015

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

Reservoir	January Inflow (unregulated) (acre-feet)	Percent of Average (%)	February 11, Midnight Elevation (feet)	Reservoir Storage (acre-feet)
Fontenelle	46,000	152	6489.59	224,000
Flaming Gorge	68,000	169	6026.79	3,227,000
Blue Mesa	30,000	123	7485.35	546,000
Navajo	23,000	105	6038.10	1,092,000
Powell	355,000	98	3593.13	11,106,000

Expected Operations

The operation of Lake Powell and Lake Mead in this February 2015 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines) and reflects the 2015 Annual Operating Plan (AOP). Pursuant to the Interim Guidelines, the August 2014 24-Month Study projections of the January 1, 2015, system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2015.

Consistent with Section 6.B of the Interim Guidelines, the Lake Powell operational tier for water year 2015 is the Upper Elevation Balancing Tier, with an initial water year release volume of 8.23 maf, and the potential for an April adjustment to equalization or balancing releases for the remainder of the water year. If the April 2015 24-Month Study projects Lake Powell's September 30, 2015, elevation to be greater than 3,649 feet, the Equalization Tier would govern Lake Powell's operations for the remainder of water year 2015. Based on analysis of a range of forecasted inflow scenarios, the current probability of realizing an inflow volume that would trigger equalization in 2015 is approximately 5 percent. If the April 2015 24-Month Study projects Lake Powell's September 30, 2015, elevation to be equal to or greater than 3,575 feet and equal to or less than 3,649 feet, and Lake Mead's elevation to be less than 1,075 feet, Lake Powell's annual release volume would be increased to balance the contents of Lake Mead and Lake Powell up to 9.0 maf. Based on analysis of a range of forecasted inflow scenarios, the current probability of realizing an inflow volume that would trigger balancing releases of up to 9.0 maf in 2015

is approximately 90 percent. This February 2015 24-Month Study projects that, consistent with Section 6.B.4 of the Interim Guidelines, an April 2015 adjustment to balancing releases is likely to occur and Lake Powell is currently projected to release 9.0 maf in water year 2015.

Consistent with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar year 2015.

The Interim Guidelines are available for download at:
http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The 2015 AOP is available for download at:
http://www.usbr.gov/uc/water/rsvrs/ops/aop/AOP15.pdf.

Fontenelle Reservoir – Inflows to Fontenelle Reservoir for the month of January were 46,000 acre-feet (AF), or 152 percent of average. The reservoir elevation is 6489 feet, 65 percent of live capacity. Inflows are averaging 850 cubic feet per second (cfs). Fontenelle releases are currently 1,250 cfs and will remain at this level through spring.

Inflows for the next three months are projected to be above average: with February, March and April forecasted inflow volumes at 35,000 AF (127% of average), 55,000 AF (105% of average), and 90,000 AF (105% of average), respectively.

The next Fontenelle Working Group meeting is scheduled for April 15, 2015, at 10:00 am at Seedskadee Wildlife Refuge in Green River, Wyoming. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir.

Flaming Gorge Reservoir – Unregulated inflow into Flaming Gorge Reservoir during the month of January was 68,000 acre-feet (AF), or 169 percent of average. The reservoir elevation is 6,026.8 feet. Observed inflows are averaging 1,850 cubic feet per second (cfs).

Flaming Gorge releases are currently 2,000 cfs daily release with hourly fluctuations for hydropower beginning in mid-December and scheduled through February. Forecasts have decreased and releases are anticipated to remain at 2,000 cfs in March and April in order to obtain the May 1 reservoir elevation target of 6,027 feet.

Inflows for the next three months are projected to be close to average: with February, March and April forecasted inflow volumes at 53,000 AF (119% of average), 100,000 AF (98% of average), and 120,000 AF (90% of average), respectively.

The next Flaming Gorge Working Group meeting is scheduled for April 30, 2015, at 11:00 a.m. to be held in the Utah Department of Natural Resources building in Vernal,

Utah. The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stake holders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations and plans presented by Reclamation at these meetings. Meeting notes from past Working Group meetings are posted on the Working Group webpage. For more information on this group and these meetings please contact Heather Patno at 801-524-3883.

Aspinall Unit Reservoirs – January unregulated inflow into Blue Mesa Reservoir was 30,000 acre-feet or 123 percent of average. On February 10th the basin snowpack was averaging 77 percent, which has decreased about 13 percent from a month ago. Precipitation during January was about 45 percent of average, while December's precipitation was recorded at 125 percent of average. The current inflow rate into Blue Mesa Reservoir is about 500 cfs while reservoir releases are averaging about 550 cfs. This past fall and early winter months has seen about average to a little above average reservoir inflows. Blue Mesa Reservoir current elevation is 7485.35 feet, which corresponds to a storage content of about 546,000 acre-feet. This elevation is about 20.0 feet higher than the elevation was from a year ago.

The February Water Supply Forecast for Water Year 2015 has been issued and the April through July unregulated inflow is forecasted to be at 620,000 acre-feet (92% of average). Based on this forecast, Blue Mesa Reservoir is not projected to fill by the end of this 2015 runoff season.

Releases from Crystal Dam have been reduced as hydrologic conditions have been drying. The current release has been set at 600 cfs, down from 1,100 cfs a month ago. Reservoir releases will most likely change as the current hydrologic conditions change through the snow accumulation season. River flows below the tunnel are essentially the same as releases from the Dam, with the exception of when the tunnel is taking water to refill Fairfield Reservoir for Montrose municipal water needs.

The last meeting of the "Aspinall Unit Working Group" was held on January 22, 2015 in Montrose, Colorado. At this meeting, review of last summer and fall reservoir operations, and plans for this winter and next spring 2015 operations were discussed. These meetings are open forum discussions on the Aspinall Unit reservoir operations with many interested groups participating. For more information about these meetings please contact Erik Knight in the Grand Junction Area Office at (970) 248-0629.

Navajo Reservoir – Reclamation has been releasing 350 cfs from Navajo Reservoir since September 24th, 2014. Releases are made for the authorized purposes of the Navajo Unit, and to attempt to maintain a target base flow through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell). The San Juan River Basin Recovery Implementation Program recommends a target base flow of between 500 cfs and 1,000 cfs through the critical habitat area. The target base flow is calculated as the weekly average of gaged flows throughout the critical habitat area.

Navajo was at 6037.9 ft of pool elevation and 1,090,285 acre-ft of storage by the end of January, which was 83% of average for the end of the month. Modified unregulated inflow into Navajo was 22,583 af, which was 103% of average for the month. Calculated evaporation for the month was 529 acre-ft. Navajo's release was 350 cfs for the duration of the month. Navajo Reservoir recorded 0.41 inches of liquid precipitation (41% of average).

As of February 3rd, the release at Navajo (as measured at the USGS at Archuleta gage) was 357 cfs, and the observed inflow is 475 cfs. The reservoir elevation is 6037.98 ft and the content is 1,091,137 acre-ft, or 64% full (41% of Active). The San Juan River at Four Corners USGS gage is at 791 cfs, and the Animas River at Farmington USGS gage is at 273 cfs. Snotel sites above Navajo are well below average with only 8.0 inches of SWE (59% of median on this date).

The most probable modified-unregulated inflow forecast for February at Navajo is 30,000 acre-ft (99% of average), for March is 48,000 acre-ft (52% of average), and for April is 90,000 acre-ft (53% of average). The most probable forecast shows the reservoir will reach a minimum overwinter storage level of 6038 ft (1,092,000 af) in mid-February. The April-July modified unregulated inflow forecasts are as follows:

Min Probable: 240,000 acre-ft (32% of average, a decrease of 10,000 af)
Most Probable: 400,000 acre-ft (54% of average, a decrease of 50,000 af)
Max Probable: 660,000 acre-ft (90% of average, a decrease of 90,000 af)

The last public operations meeting was held on January 20th at the Farmington Civic Center. Meeting notes are available on the USBR website. The next operations meeting is scheduled for Tuesday, April 28th 2015.

Glen Canyon Dam / Lake Powell

Current Status
The unregulated inflow volume to Lake Powell in January was 355 thousand acre-feet (kaf) (98% of average). The release volume from Glen Canyon Dam in January was 862 kaf. The end of January elevation and storage of Lake Powell were 3,593.6 feet (106 feet from full pool) and 11.15 million acre-feet (maf) (46% of full capacity), respectively. The reservoir elevation is now declining and is expected to continue to decline until spring 2015.

Current Operations
The operating tier for water year 2015 was established in August 2014 as the Upper Elevation Balancing Tier. In the Upper Elevation Balancing Tier the initial water year release volume is 8.23 maf; however, there is the possibility for an April adjustment to equalization or balancing operations to govern for the remainder of the water year. Under the minimum, most, and maximum probable inflow scenarios an April adjustment to balancing releases is projected to occur and Lake Powell is currently projected to release 9.0 maf in water year 2015. The minimum and maximum release projections, last

updated in January, will be updated again in April. Reclamation will schedule operations at Glen Canyon Dam to achieve as practicably as possible the appropriate total annual release volume by September 30, 2015.

In February, the release volume will be approximately 600 kaf, with fluctuations anticipated between about 6,500 cfs in the nighttime to about 12,500 cfs in the daytime and consistent with the Glen Canyon Operating Criteria (Federal Register, Volume 62, No. 41, March 3, 1997). The anticipated release volume for March and April are 650 kaf and 600 kaf, respectively.

In addition to daily scheduled fluctuations for power generation, the instantaneous releases from Glen Canyon Dam may also fluctuate to provide 40 MW of system regulation. These instantaneous release adjustments stabilize the electrical generation and transmission system and translate to a range of about 1,200 cfs above or below the hourly scheduled release rate. Under system normal conditions, fluctuations for regulation are typically short lived and generally balance out over the hour with minimal or no noticeable impacts on downstream river flow conditions.

Releases from Glen Canyon Dam can also fluctuate beyond scheduled releases when called upon to respond to unscheduled power outages or power system emergencies. Depending on the severity of the system emergency, the response from Glen Canyon Dam can be significant, within the full range of the operating capacity of the power plant for as long as is necessary to maintain balance in the transmission system. Glen Canyon Dam typically maintains 27MW (approximately 800 cfs) of generation capacity in reserve in order to respond to a system emergency even when generation rates are already high. System emergencies occur fairly infrequently and typically require small responses from Glen Canyon Dam. However, these responses can have a noticeable impact on the river downstream of Glen Canyon Dam.

Inflow Forecasts and Model Projections

The April to July 2015 water supply forecast for unregulated inflow to Lake Powell, issued on February 3, 2015, by the Colorado Basin River Forecast Center, projects that the most probable (median) unregulated inflow volume will be 5.2 maf (73% of average based on the period 1981-2010). The forecast decreased by 1.3 maf over the past month. At this early point in the season, there is still significant uncertainty regarding this year's water supply. The forecast ranges from a minimum probable of 3.4 maf (47% of average) to a maximum probable of 8.35 maf (117% of average). There is 10% chance that inflows could be higher than the maximum probable and a 10% chance they could be lower than the minimum probable.

As determined in the August 2014 24-Month Study, and documented in the 2015 Annual Operating Plan, Lake Powell's operations in water year 2015 will be governed by the Upper Elevation Balancing Tier. In this tier, the initial water year release volume is 8.23 maf, however, there is the potential for an April adjustment to equalization or balancing releases in April 2015. If the April 2015 24-Month Study projects Lake Powell's September 30, 2015, elevation to be greater than 3,649 feet, the Equalization Tier would

govern Lake Powell's operations for the remainder of water year 2015 and releases could be approximately 10.8 maf or greater. Based on analysis of a range of forecasted inflow scenarios, the current probability of realizing an inflow volume that would trigger equalization in 2015 is approximately 5 percent. If the April 2015 24-Month Study projects Lake Powell's September 30, 2015, elevation to be between 3,575 feet and 3,649 feet, and Lake Mead's elevation to be less than 1,075 feet, Lake Powell's annual release volume would be increased to balance the contents of Lake Mead and Lake Powell up to 9.0 maf. Based on analysis of a range of forecasted inflow scenarios, the current probability of realizing an inflow volume that would trigger balancing releases of up to 9.0 maf in 2015 is approximately 90 percent. The February 2015 24-Month Study projects that an April adjustment to balancing releases is likely to occur and Lake Powell is currently projected to release 9.0 maf in water year 2015.

Based on the current forecast, the February 24-Month Study projects Lake Powell elevation will end water year 2015 near 3,597 feet with approximately 11.47 maf in storage (47% capacity). Note that projections of elevation and storage have significant uncertainty at this early point in the season, primarily due to uncertainty regarding this season's final snowpack and the resulting inflow to Lake Powell. Under the minimum probable inflow scenario, last updated in January, the projected end of water year elevation and storage are 3589 feet and 10.73 maf (44% capacity), respectively. Under the maximum probable inflow scenario, last updated in January, the projected end of water year elevation and storage are 3639 feet and 15.94 maf (66% capacity), respectively. The annual release volume from Lake Powell during water year 2015 is projected to be 9.0 maf under all three inflow scenarios. However, there is a 10% chance that inflows will be higher, potentially resulting in higher releases; and 10% chance that inflows will be lower, potentially resulting in lower releases. If inflows are less than the current forecasted minimum probable inflow, the water year 2015 annual release could be as low as 8.23 maf. If inflows are greater than the current forecasted maximum probable inflow, the annual release could be 10.8 maf or greater. Modeling of projected reservoir operations based on the minimum and maximum scenarios will be updated again in April.

Upper Colorado River Basin Hydrology

The Upper Colorado River Basin regularly experiences significant year to year hydrologic variability. During the 15-year period 2000 to 2014, however, the unregulated inflow to Lake Powell, which is a good measure of hydrologic conditions in the Colorado River Basin, was above average in only 3 out of the past 15 years. The period 2000-2014 is the lowest 15-year period since the closure of Glen Canyon Dam in 1963, with an average unregulated inflow of 8.39 maf, or 78% of the 30-year average (1981-2010). (For comparison, the 1981-2010 total water year average is 10.83 maf.) The unregulated inflow during the 2000-2014 period has ranged from a low of 2.64 maf (24% of average) in water year 2002 to a high of 15.97 maf (147% of average) in water year 2011. The water year 2014 unregulated inflow volume to Lake Powell was 10.381 maf (96% of average), which, though still below average, was significantly higher than inflows observed in 2012 and 2013 (45% and 47% of average, respectively). Under the current most probable forecast, total water year 2015 unregulated inflows to Lake Powell is projected to be 10.08 maf (93% of average).

At the beginning of water year 2015, total system storage in the Colorado River Basin was 30.0 maf (50% of 59.6 maf total system capacity). This is nearly the same as the total storage at the beginning of water year 2014 which began at 29.9 maf (50% of capacity). Since the beginning of water year 2000, total Colorado Basin storage has experienced year to year increases and decreases in response to wet and dry hydrology, ranging from a high of 94% of capacity at the beginning of 2000 to a low of 50% of capacity at the beginning of water year 2014. One wet year can significantly increase total system reservoir storage, just as persistent dry years can draw down the system storage. Based on current inflow forecasts, the current projected end of water year 2015 total Colorado Basin reservoir storage is approximately 28.7 maf (48% of capacity). The actual end of water year storage may vary from this projection, primarily due to uncertainty regarding next season's snowpack and resulting runoff. Based on January minimum and maximum probable inflow forecasts and modeling the range is approximately 27.5 maf (46%) to 33.6 maf (56%), respectively.

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-430
125 SOUTH STATE STREET, ROOM 6107
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-3709

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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:	Obs			jan	Forecast		Outlook		
:	oct	nov	dec	jan %Avg	feb	mar	apr	apr-jul	%Avg
GLDA3:Lake Powell	716	423	418	355 98%:	400/	550/	800/	5200/:	73%
GBRW4:Fontenelle	85	53	50	46 152%:	35/	55/	90/	725/:	100%
GRNU1:Flaming Gorge	108	65	52	68 169%:	53/	100/	120/	875/:	89%
BMDC2:Blue Mesa	55	37	34	30 123%:	25/	36/	73/	620/:	92%
MPSC2:Morrow Point	56	38	35	31 117%:	27/	41/	85/	675/:	91%
CLSC2:Crystal	61	43	40	35 112%:	31/	48/	96/	755/:	90%
TPIC2:Taylor Park	9.6	6.6	5.7	5.3 124%:	4/	4.2/	8/	93/:	94%
VCRC2:Vallecito	23	9.8	6.2	6.3 117%:	4.8/	7/	16/	145/:	75%
NVRN5:Navajo	66	28	18.5	23 105%:	30/	48/	90/	400/:	54%
LEMC2:Lemon	5.5	1.74	1.08	0.96 110%:	0.7/	1.4/	3.5/	39/:	71%
MPHC2:McPhee	10.8	4.3	3.2	3.3 73%:	5/	13/	55/	230/:	78%
RBSC2:Ridgway	10.3	5.8	4.8	4.2 106%:	3.8/	6/	9/	91/:	90%

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 2015 24-Month Study

Most Probable Inflow*

Fontenelle Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Feb 2014	29	0	55	0	55	6474.06	136
H	Mar 2014	56	0	71	0	71	6470.70	121
I	Apr 2014	101	1	83	1	84	6474.33	138
S	May 2014	272	1	96	126	222	6483.58	186
T	Jun 2014	427	2	104	254	364	6492.90	247
O	Jul 2014	220	3	90	1	117	6506.25	347
R	Aug 2014	98	2	100	1	108	6504.71	335
I	Sep 2014	69	2	21	66	87	6502.07	314
	WY 2014	**1424**	**15**	**811**	**478**	**1328**		
C	Oct 2014	85	1	80	10	90	6501.37	309
A	Nov 2014	53	1	69	1	69	6499.16	292
L	Dec 2014	51	1	77	0	77	6495.49	265
*	Jan 2015	46	1	77	0	77	6490.98	234
	Feb 2015	35	1	74	0	74	6484.77	194
	Mar 2015	55	1	92	0	92	6478.06	157
	Apr 2015	90	1	96	5	101	6475.67	145
	May 2015	160	1	100	36	135	6480.27	168
	Jun 2015	300	2	102	89	190	6496.86	276
	Jul 2015	175	3	103	8	110	6505.04	338
	Aug 2015	70	2	92	0	92	6501.91	313
	Sep 2015	47	2	37	31	68	6498.92	291
	WY 2015	**1168**	**16**	**998**	**178**	**1176**		
	Oct 2015	49	1	70	0	70	6495.92	269
	Nov 2015	42	1	68	0	68	6492.21	243
	Dec 2015	32	1	70	0	70	6486.31	204
	Jan 2016	30	1	70	0	70	6479.44	164
	Feb 2016	28	0	66	0	66	6471.45	125
	Mar 2016	53	0	70	0	70	6467.16	107
	Apr 2016	85	1	89	0	89	6466.05	103
	May 2016	164	1	97	11	108	6478.34	158
	Jun 2016	299	2	100	103	203	6493.51	252
	Jul 2016	178	3	92	0	92	6504.61	335
	Aug 2016	77	2	92	0	92	6502.31	317
	Sep 2016	46	2	73	0	73	6498.55	288
	WY 2016	**1083**	**14**	**957**	**114**	**1071**		
	Oct 2016	49	1	71	0	71	6495.34	265
	Nov 2016	42	1	68	0	68	6491.47	238
	Dec 2016	32	1	71	0	71	6485.41	198
	Jan 2017	30	1	71	0	71	6478.22	157

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 2015 24-Month Study

Most Probable Inflow*

Flaming Gorge Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	Feb 2014	46	71	2	45	0	45	116	6016.89	2871	88
H	Mar 2014	86	100	3	49	1	50	117	6018.21	2917	123
I	Apr 2014	128	111	5	50	0	50	120	6019.75	2971	306
S	May 2014	333	283	8	53	0	53	128	6025.67	3185	594
T	Jun 2014	472	409	10	208	85	293	132	6028.39	3287	775
O	Jul 2014	226	123	13	105	0	105	132	6028.51	3292	208
R	Aug 2014	126	136	13	122	0	122	132	6028.53	3293	190
I	Sep 2014	99	118	11	116	0	116	132	6028.31	3284	170
	WY 2014	**1689**	**1594**	**77**	**945**	**86**	**1032**				**2799**
C	Oct 2014	108	112	7	92	0	92	133	6028.64	3297	159
A	Nov 2014	65	81	4	77	0	77	133	6028.63	3296	134
L	Dec 2014	53	79	2	113	0	113	131	6027.71	3262	164
*	Jan 2015	67	98	2	124	0	124	130	6026.99	3234	178
	Feb 2015	53	92	2	111	0	111	129	6026.46	3214	136
	Mar 2015	100	137	3	123	0	123	130	6026.74	3225	188
	Apr 2015	120	131	5	119	0	119	130	6026.93	3232	279
	May 2015	220	195	8	159	0	159	131	6027.65	3259	549
	Jun 2015	345	235	10	165	0	165	133	6029.15	3316	500
	Jul 2015	190	125	14	98	0	98	134	6029.48	3329	158
	Aug 2015	76	98	13	98	0	98	133	6029.16	3317	116
	Sep 2015	56	77	11	95	0	95	132	6028.41	3288	106
	WY 2015	**1453**	**1461**	**80**	**1377**	**0**	**1377**				**2670**
	Oct 2015	60	80	7	98	0	98	131	6027.77	3264	122
	Nov 2015	51	77	3	95	0	95	130	6027.22	3243	122
	Dec 2015	35	73	2	98	0	98	129	6026.52	3217	124
	Jan 2016	40	80	2	98	0	98	129	6026.01	3198	123
	Feb 2016	45	82	2	92	0	92	128	6025.70	3186	120
	Mar 2016	102	120	3	98	0	98	129	6026.18	3204	175
	Apr 2016	134	137	5	112	0	112	130	6026.69	3223	328
	May 2016	245	189	8	189	0	189	129	6026.50	3216	721
	Jun 2016	390	294	10	104	0	104	136	6031.02	3388	524
	Jul 2016	210	125	14	108	0	108	136	6031.10	3392	208
	Aug 2016	89	104	13	108	0	108	136	6030.70	3376	133
	Sep 2016	55	82	11	104	0	104	135	6029.87	3344	123
	WY 2016	**1455**	**1444**	**80**	**1306**	**0**	**1306**				**2822**
	Oct 2016	59	81	7	108	0	108	133	6029.02	3311	140
	Nov 2016	51	77	3	104	0	104	132	6028.26	3282	136
	Dec 2016	35	74	2	108	0	108	131	6027.35	3248	133
	Jan 2017	40	81	2	108	0	108	130	6026.62	3221	133

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 2015 24-Month Study

Most Probable Inflow*

Taylor Park Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Feb 2014	4	4	9311.08	72
H	Mar 2014	5	5	9310.72	71
I	Apr 2014	12	13	9310.23	70
S	May 2014	31	27	9312.59	74
T	Jun 2014	49	28	9324.29	95
O	Jul 2014	19	25	9320.83	88
R	Aug 2014	12	19	9316.50	81
I	Sep 2014	10	14	9314.21	77
	WY 2014	**161**	**154**		
C	Oct 2014	10	8	9315.40	79
A	Nov 2014	7	6	9315.85	80
L	Dec 2014	6	6	9315.74	79
*	Jan 2015	6	6	9315.48	79
	Feb 2015	4	6	9314.30	77
	Mar 2015	4	6	9313.23	75
	Apr 2015	8	10	9312.02	73
	May 2015	28	20	9316.75	81
	Jun 2015	41	22	9326.97	100
	Jul 2015	16	24	9322.81	92
	Aug 2015	10	22	9316.18	80
	Sep 2015	7	16	9310.79	71
	WY 2015	**146**	**151**		
	Oct 2015	6	8	9309.81	70
	Nov 2015	5	6	9309.19	69
	Dec 2015	5	6	9308.34	67
	Jan 2016	4	6	9307.27	66
	Feb 2016	4	6	9305.81	63
	Mar 2016	4	6	9304.76	62
	Apr 2016	9	6	9306.61	65
	May 2016	28	14	9315.46	79
	Jun 2016	42	22	9326.20	99
	Jul 2016	20	22	9325.24	97
	Aug 2016	10	22	9318.97	85
	Sep 2016	7	16	9314.01	76
	WY 2016	**145**	**140**		
	Oct 2016	7	12	9310.76	71
	Nov 2016	5	6	9310.20	70
	Dec 2016	5	6	9309.37	69
	Jan 2017	4	6	9308.32	67

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 2015 24-Month Study

Most Probable Inflow*

Blue Mesa Reservoir

	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Feb 2014	23	22	0	13	0	13	7464.31	398
H	Mar 2014	32	33	0	23	0	23	7465.76	408
I	Apr 2014	129	130	1	28	0	28	7480.43	509
S	May 2014	242	240	1	69	3	72	7501.73	676
T	Jun 2014	361	338	1	185	142	353	7499.76	659
O	Jul 2014	117	123	1	118	0	118	7500.15	663
R	Aug 2014	64	72	1	104	0	104	7496.00	629
I	Sep 2014	48	52	1	81	0	81	7492.28	599
	WY 2014	**1145**	**1138**	**8**	**708**	**145**	**879**		
C	Oct 2014	55	53	1	64	0	64	7490.77	587
A	Nov 2014	37	36	0	27	0	27	7491.85	596
L	Dec 2014	34	34	0	55	0	55	7489.11	574
*	Jan 2015	30	30	0	58	0	58	7485.48	547
	Feb 2015	25	27	0	28	0	28	7485.36	546
	Mar 2015	36	38	0	39	0	39	7485.16	544
	Apr 2015	73	75	1	68	0	68	7485.95	550
	May 2015	215	207	1	148	0	148	7493.46	609
	Jun 2015	244	225	1	66	0	66	7512.32	766
	Jul 2015	88	96	2	103	0	103	7511.35	758
	Aug 2015	57	69	1	116	0	116	7505.79	710
	Sep 2015	45	54	1	100	0	100	7500.16	663
	WY 2015	**937**	**943**	**9**	**871**	**0**	**871**		
	Oct 2015	43	44	1	75	0	75	7496.35	632
	Nov 2015	33	34	0	47	0	47	7494.70	618
	Dec 2015	26	27	0	64	0	64	7490.00	581
	Jan 2016	24	26	0	61	0	61	7485.41	546
	Feb 2016	22	25	0	51	0	51	7481.84	520
	Mar 2016	36	38	0	43	0	43	7481.05	514
	Apr 2016	77	74	1	42	0	42	7485.30	545
	May 2016	221	207	1	150	0	150	7492.52	601
	Jun 2016	261	241	1	60	0	60	7514.00	781
	Jul 2016	117	119	2	96	0	96	7516.40	803
	Aug 2016	63	75	1	122	0	122	7510.99	754
	Sep 2016	38	47	1	116	0	116	7502.75	684
	WY 2016	**962**	**957**	**9**	**926**	**0**	**926**		
	Oct 2016	38	44	1	77	0	77	7498.64	650
	Nov 2016	31	32	0	47	0	47	7496.76	635
	Dec 2016	26	27	0	80	0	80	7490.00	581
	Jan 2017	24	26	0	73	0	73	7483.81	534

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 2015 24-Month Study

Most Probable Inflow*

Morrow Point Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Feb 2014	24	13	2	14	12	0	14	7148.21	108
H	Mar 2014	33	23	1	24	25	0	25	7146.76	107
I	Apr 2014	143	28	13	41	42	0	42	7146.13	106
S	May 2014	268	72	26	98	93	0	93	7152.55	111
T	Jun 2014	379	353	18	372	295	63	382	7138.91	101
O	Jul 2014	120	118	3	122	82	8	110	7153.91	112
R	Aug 2014	64	104	1	105	104	0	104	7154.40	113
I	Sep 2014	49	81	1	82	82	0	82	7153.75	112
	WY 2014	**1215**	**879**	**70**	**949**	**782**	**73**	**949**		
C	Oct 2014	56	64	1	65	49	0	68	7149.96	109
A	Nov 2014	38	27	2	29	23	0	26	7154.03	112
L	Dec 2014	35	55	1	56	56	0	56	7153.68	112
*	Jan 2015	30	58	1	58	60	0	60	7152.01	111
	Feb 2015	27	28	2	30	28	0	28	7153.73	112
	Mar 2015	41	39	5	44	44	0	44	7153.73	112
	Apr 2015	85	68	12	80	80	0	80	7153.73	112
	May 2015	235	148	20	168	168	0	168	7153.73	112
	Jun 2015	262	66	18	84	84	0	84	7153.73	112
	Jul 2015	93	103	5	108	108	0	108	7153.73	112
	Aug 2015	61	116	4	120	120	0	120	7153.73	112
	Sep 2015	48	100	3	103	103	0	103	7153.73	112
	WY 2015	**1011**	**871**	**73**	**944**	**922**	**0**	**944**		
	Oct 2015	46	75	3	78	78	0	78	7153.73	112
	Nov 2015	35	47	2	49	49	0	49	7153.73	112
	Dec 2015	28	64	2	66	66	0	66	7153.73	112
	Jan 2016	27	61	2	63	63	0	63	7153.73	112
	Feb 2016	25	51	3	54	54	0	54	7153.73	112
	Mar 2016	40	43	4	47	47	0	47	7153.73	112
	Apr 2016	88	42	11	53	53	0	53	7153.73	112
	May 2016	247	150	26	176	176	0	176	7153.73	112
	Jun 2016	281	60	20	80	80	0	80	7153.73	112
	Jul 2016	123	96	6	102	102	0	102	7153.73	112
	Aug 2016	67	122	3	125	125	0	125	7153.73	112
	Sep 2016	41	116	3	119	119	0	119	7153.73	112
	WY 2016	**1047**	**926**	**85**	**1012**	**1012**	**0**	**1012**		
	Oct 2016	41	77	3	80	80	0	80	7153.73	112
	Nov 2016	33	47	2	49	49	0	49	7153.73	112
	Dec 2016	28	80	2	83	83	0	83	7153.73	112
	Jan 2017	27	73	2	75	75	0	75	7153.73	112

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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Managing Water in the West

February 2015 24-Month Study

Most Probable Inflow*

Crystal Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
*	Feb 2014	29	14	5	19	3	17	20	6743.52	14	1	20
H	Mar 2014	39	25	6	31	30	0	31	6744.65	15	1	30
I	Apr 2014	154	42	11	53	53	0	53	6743.26	14	28	26
S	May 2014	297	93	29	122	88	22	118	6758.88	19	52	69
T	Jun 2014	414	382	35	417	108	126	419	6751.56	17	61	378
O	Jul 2014	130	110	10	120	119	2	120	6749.06	16	67	59
R	Aug 2014	69	104	4	109	108	0	108	6749.65	16	65	48
I	Sep 2014	53	82	4	86	84	3	87	6747.57	15	62	26
	WY 2014	**1337**	**949**	**123**	**1071**	**690**	**187**	**1071**			**374**	**738**
C	Oct 2014	61	68	5	73	74	0	74	6745.88	15	48	27
A	Nov 2014	43	26	5	30	29	0	30	6748.06	16	0	30
L	Dec 2014	39	56	5	61	61	0	61	6746.42	15	1	62
*	Jan 2015	35	60	5	64	55	9	64	6746.05	15	1	66
	Feb 2015	31	28	4	32	30	0	30	6753.04	17	0	30
	Mar 2015	48	44	7	51	51	0	51	6753.04	17	5	46
	Apr 2015	96	80	11	91	91	0	91	6753.04	17	30	61
	May 2015	265	168	30	198	134	64	198	6753.04	17	55	143
	Jun 2015	294	84	32	116	116	0	116	6753.04	17	60	56
	Jul 2015	100	108	7	115	115	0	115	6753.04	17	65	50
	Aug 2015	68	120	7	127	127	0	127	6753.04	17	65	62
	Sep 2015	54	103	6	109	109	0	109	6753.04	17	55	54
	WY 2015	**1134**	**944**	**123**	**1068**	**993**	**73**	**1066**			**385**	**688**
	Oct 2015	52	78	6	84	84	0	84	6753.04	17	30	54
	Nov 2015	40	49	5	54	54	0	54	6753.04	17	0	54
	Dec 2015	32	66	5	71	71	0	71	6753.04	17	0	71
	Jan 2016	31	63	5	68	68	0	68	6753.04	17	0	68
	Feb 2016	29	54	4	57	57	0	57	6753.04	17	0	57
	Mar 2016	46	47	6	53	53	0	53	6753.04	17	5	48
	Apr 2016	101	53	12	66	66	0	66	6753.04	17	30	36
	May 2016	281	176	34	210	134	76	210	6753.04	17	55	155
	Jun 2016	315	80	34	114	114	0	114	6753.04	17	60	54
	Jul 2016	138	102	14	116	116	0	116	6753.04	17	65	51
	Aug 2016	75	125	8	134	134	0	134	6753.04	17	65	69
	Sep 2016	47	119	6	125	125	0	125	6753.04	17	55	70
	WY 2016	**1187**	**1012**	**140**	**1151**	**1075**	**76**	**1151**			**365**	**786**
	Oct 2016	47	80	6	86	86	0	86	6753.04	17	30	56
	Nov 2016	38	49	5	54	54	0	54	6753.04	17	0	54
	Dec 2016	32	83	5	87	87	0	87	6753.04	17	0	87
	Jan 2017	31	75	5	80	80	0	80	6753.04	17	0	80

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February 2015 24-Month Study

Most Probable Inflow*

Vallecito Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Feb 2014	5	2	7654.41	98
H	Mar 2014	7	11	7653.05	94
I	Apr 2014	28	16	7657.59	106
S	May 2014	59	43	7663.60	122
T	Jun 2014	47	50	7662.12	118
O	Jul 2014	15	38	7653.12	95
R	Aug 2014	14	32	7645.08	75
I	Sep 2014	22	28	7642.43	70
	WY 2014	**238**	**229**		
C	Oct 2014	23	5	7650.16	87
A	Nov 2014	10	3	7652.74	94
L	Dec 2014	6	4	7653.53	96
*	Jan 2015	6	5	7654.18	97
	Feb 2015	5	2	7655.27	100
	Mar 2015	7	2	7657.34	105
	Apr 2015	16	1	7662.76	119
	May 2015	61	55	7664.80	125
	Jun 2015	50	53	7663.59	122
	Jul 2015	18	42	7654.29	97
	Aug 2015	18	38	7645.85	77
	Sep 2015	15	30	7639.05	62
	WY 2015	**236**	**239**		
	Oct 2015	14	17	7637.50	59
	Nov 2015	8	1	7640.73	66
	Dec 2015	6	2	7642.91	71
	Jan 2016	5	2	7644.60	74
	Feb 2016	5	1	7646.00	78
	Mar 2016	9	2	7648.94	84
	Apr 2016	23	1	7657.63	106
	May 2016	71	52	7664.73	125
	Jun 2016	70	70	7664.62	124
	Jul 2016	29	41	7659.72	111
	Aug 2016	20	38	7652.48	93
	Sep 2016	17	29	7647.43	81
	WY 2016	**279**	**257**		
	Oct 2016	16	16	7646.99	80
	Nov 2016	9	1	7650.03	87
	Dec 2016	6	2	7651.98	92
	Jan 2017	5	2	7653.51	96

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Most Probable Inflow*

Navajo Reservoir

	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azetea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Farmington Flow (1000 Ac-Ft)
*	Feb 2014	23	0	21	1	0	18	6025.70	966	35
H	Mar 2014	52	2	53	1	4	18	6028.76	996	41
I	Apr 2014	123	14	98	2	21	18	6034.32	1053	64
S	May 2014	176	20	141	3	31	17	6042.68	1142	115
T	Jun 2014	116	19	98	4	39	20	6045.77	1177	148
O	Jul 2014	14	2	35	4	44	29	6042.03	1135	64
R	Aug 2014	14	1	32	3	37	39	6037.72	1088	61
I	Sep 2014	39	1	47	2	22	31	6036.99	1081	61
	WY 2014	**696**	**62**	**626**	**23**	**203**	**253**			**754**
C	Oct 2014	68	1	46	1	7	21	6038.47	1096	65
A	Nov 2014	28	0	21	1	0	21	6038.43	1096	46
L	Dec 2014	19	0	17	1	0	21	6037.94	1091	44
*	Jan 2015	23	0	21	1	0	21	6037.90	1090	39
	Feb 2015	30	0	27	1	0	19	6038.55	1097	31
	Mar 2015	48	1	41	1	5	22	6039.82	1111	40
	Apr 2015	90	8	68	2	19	21	6042.16	1136	56
	May 2015	177	23	148	3	33	49	6047.78	1200	174
	Jun 2015	113	13	102	4	48	77	6045.47	1173	189
	Jul 2015	20	1	42	4	52	24	6042.03	1135	67
	Aug 2015	25	0	44	3	44	28	6039.18	1104	60
	Sep 2015	26	0	40	2	24	23	6038.27	1094	48
	WY 2015	**666**	**49**	**618**	**24**	**233**	**347**			**859**
	Oct 2015	34	1	37	1	9	22	6038.73	1099	45
	Nov 2015	29	0	22	1	0	21	6038.77	1100	38
	Dec 2015	25	0	20	1	0	22	6038.60	1098	37
	Jan 2016	22	0	18	1	0	22	6038.23	1094	35
	Feb 2016	30	0	27	1	0	20	6038.79	1100	33
	Mar 2016	92	1	84	1	5	22	6043.90	1156	44
	Apr 2016	170	14	135	2	20	21	6051.89	1248	73
	May 2016	277	39	219	3	33	67	6061.16	1363	213
	Jun 2016	224	33	190	4	49	123	6062.27	1377	274
	Jul 2016	66	7	72	4	53	22	6061.72	1370	89
	Aug 2016	45	1	62	4	44	24	6060.95	1360	62
	Sep 2016	43	1	54	3	24	21	6061.47	1367	53
	WY 2016	**1058**	**96**	**940**	**26**	**237**	**404**			**997**
	Oct 2016	47	1	46	2	8	22	6062.58	1381	50
	Nov 2016	34	1	26	1	0	21	6062.87	1385	39
	Dec 2016	25	0	20	1	0	22	6062.72	1383	37
	Jan 2017	22	0	18	1	0	22	6062.41	1379	35

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Most Probable Inflow*

Lake Powell

	Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry Gage (1000 Ac-Ft)
*	Feb 2014	330	321	7	599	0	599	3575.55	4819	9563	604
H	Mar 2014	509	444	12	504	0	504	3574.76	4813	9497	510
I	Apr 2014	964	774	19	502	0	502	3577.56	4832	9732	512
S	May 2014	2082	1632	24	493	0	493	3589.38	4915	10764	498
T	Jun 2014	3039	2676	42	598	0	598	3609.19	5066	12649	609
O	Jul 2014	838	730	53	800	0	800	3608.05	5056	12535	814
R	Aug 2014	517	615	53	801	0	801	3605.82	5039	12314	818
I	Sep 2014	511	622	48	604	0	604	3605.53	5037	12286	619
	WY 2014	**10381**	**9287**	**347**	**7337**	**143**	**7480**				**7568**
C	Oct 2014	716	636	34	598	0	598	3605.57	5037	12290	613
A	Nov 2014	423	420	32	645	132	777	3601.87	5008	11929	780
L	Dec 2014	409	465	25	864	0	864	3597.75	4977	11537	880
*	Jan 2015	348	449	8	862	0	862	3593.57	4945	11147	878
	Feb 2015	400	447	8	600	0	600	3591.95	4934	10998	607
	Mar 2015	550	555	13	650	0	650	3590.85	4925	10898	656
	Apr 2015	800	752	21	600	0	600	3592.17	4935	11019	609
	May 2015	1750	1550	26	700	0	700	3600.32	4996	11781	708
	Jun 2015	2000	1668	43	800	0	800	3608.15	5057	12545	808
	Jul 2015	650	631	52	1050	0	1050	3603.72	5022	12109	1067
	Aug 2015	360	489	51	800	0	800	3600.25	4996	11774	819
	Sep 2015	300	416	46	699	0	699	3597.04	4971	11469	712
	WY 2015	**8706**	**8478**	**359**	**8868**	**132**	**9000**				**9136**
	Oct 2015	422	489	31	600	0	600	3595.63	4961	11338	609
	Nov 2015	431	481	30	600	0	600	3594.14	4950	11199	610
	Dec 2015	363	461	24	800	0	800	3590.47	4923	10863	808
	Jan 2016	361	456	7	800	0	800	3586.85	4897	10538	811
	Feb 2016	393	459	8	650	0	650	3584.77	4882	10354	657
	Mar 2016	665	604	13	650	0	650	3584.15	4878	10300	656
	Apr 2016	1056	883	21	600	0	600	3586.90	4897	10543	609
	May 2016	2343	2078	26	650	0	650	3600.95	5001	11841	658
	Jun 2016	2666	2161	44	800	0	800	3613.25	5099	13060	808
	Jul 2016	1091	982	55	1000	0	1000	3612.59	5093	12993	1017
	Aug 2016	500	602	54	1050	0	1050	3607.98	5056	12528	1069
	Sep 2016	408	538	49	800	0	800	3605.06	5033	12240	813
	WY 2016	**10698**	**10192**	**360**	**9000**	**0**	**9000**				**9124**
	Oct 2016	512	584	33	600	0	600	3604.60	5029	12194	609
	Nov 2016	473	530	32	600	0	600	3603.63	5022	12100	609
	Dec 2016	363	487	25	800	0	800	3600.38	4997	11786	808
	Jan 2017	361	477	8	800	0	800	3597.14	4972	11479	800

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Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Glen Release (1000 Ac-Ft)	Side Inflow Glen to Hoover (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Feb 2014	599	76	31	717	12.9	8	716	810	1107.94	12456
H	Mar 2014	504	29	34	1090	17.7	13	1087	773	1101.71	11888
I	Apr 2014	502	17	41	1134	19.1	20	1130	731	1094.55	11254
S	May 2014	493	13	46	1086	17.7	30	1084	692	1087.46	10639
T	Jun 2014	598	10	54	959	16.1	28	958	665	1082.66	10233
O	Jul 2014	800	54	67	943	15.3	27	941	654	1080.60	10061
R	Aug 2014	801	113	71	735	12.0	23	727	659	1081.55	10140
I	Sep 2014	604	140	58	686	11.5	19	684	658	1081.33	10121
	WY 2014	**7480**	**677**	**567**	**9759**		**216**	**9716**			
C	Oct 2014	598	68	43	472	7.7	21	461	666	1082.79	10244
A	Nov 2014	777	44	43	695	11.7	14	692	670	1083.57	10309
L	Dec 2014	864	55	37	493	8.0	7	492	693	1087.79	10667
*	Jan 2015	862	72	31	832	13.5	5	832	697	1088.51	10729
	Feb 2015	600	78	28	575	10.4	7	575	701	1089.25	10792
	Mar 2015	650	68	32	1015	16.5	15	1015	680	1085.46	10469
	Apr 2015	600	80	38	1164	19.6	21	1164	647	1079.36	9958
	May 2015	700	60	43	1036	16.9	30	1036	626	1075.35	9629
	Jun 2015	800	23	52	912	15.3	30	912	616	1073.37	9469
	Jul 2015	1050	64	65	893	14.5	31	893	623	1074.83	9587
	Aug 2015	800	116	69	815	13.3	29	815	623	1074.86	9589
	Sep 2015	699	97	57	746	12.5	17	746	622	1074.58	9567
	WY 2015	**9000**	**824**	**537**	**9648**		**229**	**9633**			
	Oct 2015	600	52	41	463	7.5	21	463	630	1076.05	9687
	Nov 2015	600	52	42	571	9.6	11	571	631	1076.37	9713
	Dec 2015	800	95	36	539	8.8	8	539	650	1079.94	10006
	Jan 2016	800	75	30	710	11.5	9	710	658	1081.38	10126
	Feb 2016	650	78	28	626	10.9	8	626	662	1082.12	10188
	Mar 2016	650	68	31	1020	16.6	16	1020	641	1078.18	9861
	Apr 2016	600	80	37	1104	18.6	22	1104	611	1072.59	9407
	May 2016	650	60	42	992	16.1	30	992	590	1068.42	9074
	Jun 2016	800	23	50	910	15.3	30	910	580	1066.41	8917
	Jul 2016	1000	64	63	878	14.3	32	878	585	1067.51	9003
	Aug 2016	1050	116	67	795	12.9	30	795	602	1070.76	9260
	Sep 2016	800	97	56	730	12.3	17	730	608	1071.87	9349
	WY 2016	**9000**	**861**	**523**	**9338**		**233**	**9338**			
	Oct 2016	600	52	41	488	7.9	21	488	614	1073.06	9444
	Nov 2016	600	51	41	635	10.7	12	635	612	1072.63	9410
	Dec 2016	800	95	36	567	9.2	8	567	629	1075.93	9676
	Jan 2017	800	65	29	710	11.5	9	710	636	1077.26	9786

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Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Feb 2014	717	-22	10	658	0	658	11.9	641.96	1670
H	Mar 2014	1090	-12	13	1074	0	1074	17.5	641.61	1661
I	Apr 2014	1134	-21	17	1054	0	1054	17.7	643.13	1702
S	May 2014	1086	-17	22	1023	0	1022	16.6	644.01	1726
T	Jun 2014	959	-19	25	947	0	947	15.9	642.83	1694
O	Jul 2014	943	-10	25	900	0	900	14.6	643.10	1701
R	Aug 2014	735	-6	23	697	0	697	11.3	643.43	1711
I	Sep 2014	686	-6	18	727	0	727	12.2	641.03	1645
	WY 2014	**9759**	**-139**	**198**	**9400**	**0**	**9400**			
C	Oct 2014	472	10	15	642	0	642	10.4	634.40	1470
A	Nov 2014	695	-6	10	629	0	629	10.6	636.32	1520
L	Dec 2014	493	-2	9	445	0	445	7.2	637.75	1558
*	Jan 2015	832	-22	10	660	0	660	10.7	642.98	1698
	Feb 2015	575	-10	10	582	0	582	10.5	642.00	1671
	Mar 2015	1015	-15	13	987	0	987	16.1	642.00	1671
	Apr 2015	1164	-17	17	1103	0	1103	18.5	643.00	1699
	May 2015	1036	-13	22	1001	0	1001	16.3	643.00	1699
	Jun 2015	912	-14	25	900	0	900	15.1	642.00	1671
	Jul 2015	893	-10	25	870	0	870	14.2	641.50	1658
	Aug 2015	815	-11	23	782	0	782	12.7	641.50	1658
	Sep 2015	746	-4	18	763	0	763	12.8	640.01	1617
	WY 2015	**9648**	**-115**	**197**	**9364**	**0**	**9364**			
	Oct 2015	463	-2	15	629	0	629	10.2	633.00	1434
	Nov 2015	571	-13	10	497	0	497	8.4	635.00	1486
	Dec 2015	539	-17	9	416	0	416	6.8	638.71	1583
	Jan 2016	710	-14	10	602	0	602	9.8	641.80	1666
	Feb 2016	626	-10	10	606	0	606	10.5	641.80	1666
	Mar 2016	1020	-15	13	957	0	957	15.6	643.05	1700
	Apr 2016	1104	-17	17	1072	0	1072	18.0	643.00	1699
	May 2016	992	-13	22	957	0	957	15.6	643.00	1699
	Jun 2016	910	-14	25	898	0	898	15.1	642.00	1671
	Jul 2016	878	-10	25	856	0	856	13.9	641.50	1658
	Aug 2016	795	-11	23	762	0	762	12.4	641.50	1658
	Sep 2016	730	-4	18	747	0	747	12.6	640.01	1617
	WY 2016	**9338**	**-141**	**197**	**9000**	**0**	**9000**			
	Oct 2016	488	-2	15	655	0	655	10.6	633.00	1434
	Nov 2016	635	-13	10	561	0	561	9.4	635.00	1486
	Dec 2016	567	-17	9	444	0	444	7.2	638.71	1583
	Jan 2017	710	-14	10	603	0	603	9.8	641.80	1666

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2191

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 2015 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	Feb 2014	658	20	8	450	8.1	48	130	448.13	582	162	2.9
H	Mar 2014	1074	-3	9	809	13.1	90	176	447.05	562	260	4.2
I	Apr 2014	1054	24	11	756	12.7	105	178	448.11	582	241	4.0
S	May 2014	1022	-3	13	694	11.3	110	184	448.48	589	115	1.9
T	Jun 2014	947	11	15	713	12.0	95	133	447.90	578	112	4.5
O	Jul 2014	900	18	17	685	11.1	105	93	448.27	585	118	1.9
R	Aug 2014	697	26	17	495	8.1	106	99	448.10	582	100	1.6
I	Sep 2014	727	13	15	474	8.0	102	140	448.17	583	90	1.5
	WY 2014	**9400**	**168**	**140**	**6496**		**1137**	**1685**			**1587**	
C	Oct 2014	642	16	12	432	7.0	105	135	446.41	550	66	1.1
A	Nov 2014	629	9	9	351	5.9	102	147	447.77	576	89	1.5
L	Dec 2014	445	18	7	240	3.9	109	132	446.36	549	98	1.6
*	Jan 2015	660	18	6	348	5.7	105	180	448.22	584	146	2.4
	Feb 2015	582	11	8	443	8.0	54	94	447.50	571	172	3.1
	Mar 2015	987	17	9	746	12.1	83	148	448.00	580	218	3.5
	Apr 2015	1103	21	11	811	13.6	105	175	448.70	593	199	3.3
	May 2015	1001	21	13	708	11.5	108	181	448.70	593	103	1.7
	Jun 2015	900	17	16	699	11.7	105	84	448.70	593	104	1.7
	Jul 2015	870	29	17	690	11.2	108	84	448.00	580	103	1.7
	Aug 2015	782	27	17	594	9.7	108	87	447.50	571	94	1.5
	Sep 2015	763	25	15	524	8.8	105	135	447.50	570	89	1.5
	WY 2015	**9364**	**229**	**140**	**6586**		**1196**	**1582**			**1481**	
	Oct 2015	629	25	12	487	7.9	31	117	447.50	571	63	1.0
	Nov 2015	497	31	9	368	6.2	33	114	447.50	571	97	1.6
	Dec 2015	416	23	7	297	4.8	35	114	446.50	552	112	1.8
	Jan 2016	602	16	6	359	5.8	77	172	446.50	552	130	2.1
	Feb 2016	606	11	8	440	7.6	71	92	446.50	552	161	2.8
	Mar 2016	957	17	9	731	11.9	77	145	446.70	555	205	3.3
	Apr 2016	1072	21	11	794	13.3	74	167	448.70	593	205	3.4
	May 2016	957	21	13	703	11.4	77	173	448.70	593	113	1.8
	Jun 2016	898	17	16	688	11.6	74	124	448.70	593	111	1.9
	Jul 2016	856	29	17	705	11.5	77	86	448.00	580	119	1.9
	Aug 2016	762	27	17	607	9.9	77	85	447.50	571	100	1.6
	Sep 2016	747	25	15	551	9.3	74	123	447.50	570	89	1.5
	WY 2016	**9000**	**263**	**139**	**6730**		**775**	**1512**			**1506**	
	Oct 2016	655	25	12	454	7.4	77	130	447.50	571	55	0.9
	Nov 2016	561	31	9	377	6.3	74	127	447.50	571	103	1.7
	Dec 2016	444	23	7	284	4.6	77	114	446.50	552	108	1.7
	Jan 2017	603	16	6	356	5.8	79	173	446.50	552	130	2.1

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 2015 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Feb 2014	717	12.9	1107.94	12456	-75	461.16	1415.0	298.2	81	415.9
H	Mar 2014	1090	17.7	1101.71	11888	-567	457.72	1234.0	451.5	71	414.3
I	Apr 2014	1134	19.1	1094.55	11254	-635	447.66	1146.0	459.8	68	405.6
S	May 2014	1086	17.7	1087.46	10639	-615	440.39	1341.0	431.0	81	397.1
T	Jun 2014	959	16.1	1082.66	10233	-406	437.98	1541.0	372.9	93	388.7
O	Jul 2014	943	15.3	1080.60	10061	-172	434.94	1615.0	363.6	100	385.7
R	Aug 2014	735	12.0	1081.55	10140	79	436.53	1493.0	279.3	94	379.9
I	Sep 2014	686	11.5	1081.33	10121	-18	437.59	1493.0	262.1	94	382.2
	WY 2014	**9759**							**3910.2**		
C	Oct 2014	472	7.7	1082.79	10244	122	442.74	1282.0	180.0	81	381.5
A	Nov 2014	695	11.7	1083.57	10309	65	437.62	1079.0	270.7	68	389.5
L	Dec 2014	493	8.0	1087.79	10667	358	446.86	889.0	189.0	55	383.3
*	Jan 2015	832	13.5	1088.51	10729	62	441.51	1018.0	333.5	63	400.6
	Feb 2015	575	10.4	1089.25	10792	63	440.80	848.0	231.1	52	402.0
	Mar 2015	1015	16.5	1085.46	10469	-323	437.59	1135.0	405.5	71	399.4
	Apr 2015	1164	19.6	1079.36	9958	-511	431.89	1177.0	467.8	75	401.9
	May 2015	1036	16.9	1075.35	9629	-328	425.83	1262.0	399.8	82	385.8
	Jun 2015	912	15.3	1073.37	9469	-160	421.26	1529.0	345.8	100	379.2
	Jul 2015	893	14.5	1074.83	9587	118	421.49	1536.0	336.3	100	376.8
	Aug 2015	815	13.3	1074.86	9589	2	422.39	1536.0	311.6	100	382.2
	Sep 2015	746	12.5	1074.58	9567	-22	422.75	1535.0	283.5	100	380.1
	WY 2015	**9648**							**3754.6**		
	Oct 2015	463	7.5	1076.05	9687	119	429.58	949.0	178.1	61	384.7
	Nov 2015	571	9.6	1076.37	9713	26	432.81	943.0	221.9	61	388.4
	Dec 2015	539	8.8	1079.94	10006	293	430.83	1254.0	203.7	80	378.0
	Jan 2016	710	11.5	1081.38	10126	120	432.26	1091.0	276.5	69	389.7
	Feb 2016	626	10.9	1082.12	10188	62	431.53	1213.0	240.8	77	384.3
	Mar 2016	1020	16.6	1078.18	9861	-327	429.60	1185.0	398.0	76	390.3
	Apr 2016	1104	18.6	1072.59	9407	-454	423.93	1238.0	430.2	81	389.5
	May 2016	992	16.1	1068.42	9074	-333	418.54	1299.0	372.1	87	375.2
	Jun 2016	910	15.3	1066.41	8917	-157	414.38	1490.0	339.2	100	372.8
	Jul 2016	878	14.3	1067.51	9003	86	414.42	1496.0	331.6	100	377.6
	Aug 2016	795	12.9	1070.76	9260	258	416.73	1514.4	298.9	100	376.0
	Sep 2016	730	12.3	1071.87	9349	89	419.38	1520.7	274.4	100	376.2
	WY 2016	**9338**							**3565.4**		
	Oct 2016	488	7.9	1073.06	9444	95	426.74	938.8	188.0	61	384.9
	Nov 2016	635	10.7	1072.63	9410	-34	429.46	930.2	244.9	61	385.6
	Dec 2016	567	9.2	1075.93	9676	267	426.98	1235.3	214.2	80	377.7
	Jan 2017	710	11.5	1077.26	9786	109	428.22	1074.9	274.2	69	386.3

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 2015 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Feb 2014	658	11.9	641.96	1670	28	138.63	173.4	84.5	68	128.3
H	Mar 2014	1074	17.5	641.61	1661	-10	138.63	252.5	134.6	99	125.3
I	Apr 2014	1054	17.7	643.13	1702	42	141.55	255.0	132.2	100	125.4
S	May 2014	1023	16.6	644.01	1726	24	143.52	255.0	127.7	100	124.9
T	Jun 2014	947	15.9	642.83	1694	-32	141.57	255.0	119.3	100	126.0
O	Jul 2014	900	14.6	643.10	1701	7	143.48	255.0	112.8	100	125.4
R	Aug 2014	697	11.3	643.43	1711	9	143.79	255.0	88.3	100	126.7
I	Sep 2014	727	12.2	641.03	1645	-65	138.41	255.0	91.5	100	126.0
	WY 2014	**9400**							**1175.6**		
C	Oct 2014	642	10.4	634.40	1470	-175	134.93	191.3	72.3	75	112.7
A	Nov 2014	629	10.6	636.32	1520	50	136.47	158.1	74.4	62	118.2
L	Dec 2014	445	7.2	637.75	1558	37	134.54	165.8	52.7	65	118.4
*	Jan 2015	660	10.7	642.98	1698	141	141.44	163.2	82.8	64	125.4
	Feb 2015	582	10.5	642.00	1671	-27	137.23	193.8	73.5	76	126.3
	Mar 2015	987	16.1	642.00	1671	0	134.99	255.0	122.4	100	124.0
	Apr 2015	1103	18.5	643.00	1699	27	135.51	255.0	136.5	100	123.8
	May 2015	1001	16.3	643.00	1699	0	136.04	255.0	125.0	100	124.9
	Jun 2015	900	15.1	642.00	1671	-27	135.51	255.0	112.3	100	124.8
	Jul 2015	870	14.2	641.50	1658	-14	134.73	255.0	108.3	100	124.4
	Aug 2015	782	12.7	641.50	1658	0	134.46	255.0	97.5	100	124.7
	Sep 2015	763	12.8	640.01	1617	-40	133.68	255.0	94.6	100	124.0
	WY 2015	**9364**							**1152.3**		
	Oct 2015	629	10.2	633.00	1434	-183	129.77	234.6	76.2	92	121.1
	Nov 2015	497	8.4	635.00	1486	51	127.90	209.1	59.4	82	119.5
	Dec 2015	416	6.8	638.71	1583	97	130.45	224.4	51.0	88	122.7
	Jan 2016	602	9.8	641.80	1666	83	135.97	163.2	75.1	64	124.6
	Feb 2016	606	10.5	641.80	1666	0	137.17	173.4	76.2	68	125.7
	Mar 2016	957	15.6	643.05	1700	34	135.44	255.0	119.2	100	124.6
	Apr 2016	1072	18.0	643.00	1699	-2	136.07	255.0	133.3	100	124.4
	May 2016	957	15.6	643.00	1699	0	136.04	255.0	119.7	100	125.1
	Jun 2016	898	15.1	642.00	1671	-27	135.51	255.0	112.1	100	124.8
	Jul 2016	856	13.9	641.50	1658	-14	134.73	255.0	106.6	100	124.5
	Aug 2016	762	12.4	641.50	1658	0	134.46	255.0	95.0	100	124.8
	Sep 2016	747	12.6	640.01	1617	-40	133.68	255.0	92.7	100	124.1
	WY 2016	**9000**							**1116.5**		
	Oct 2016	655	10.6	633.00	1434	-183	129.77	234.6	79.2	92	120.9
	Nov 2016	561	9.4	635.00	1486	51	127.90	209.1	66.8	82	119.1
	Dec 2016	444	7.2	638.71	1583	97	130.45	224.4	54.4	88	122.5
	Jan 2017	603	9.8	641.80	1666	83	135.97	163.2	75.1	64	124.6

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Managing Water in the West

February 2015 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Feb 2014	450	8.1	448.13	582	35	82.38	92.4	31.2	77	69.4
H	Mar 2014	809	13.1	447.05	562	-20	77.18	106.8	55.4	89	68.5
I	Apr 2014	756	12.7	448.11	582	20	80.82	120.0	52.3	100	69.1
S	May 2014	694	11.3	448.48	589	7	80.45	106.8	49.2	89	70.8
T	Jun 2014	713	12.0	447.90	578	-11	81.61	120.0	49.8	100	69.8
O	Jul 2014	688	11.1	448.27	585	7	82.46	120.0	47.9	100	69.7
R	Aug 2014	495	8.1	448.10	582	-3	81.82	120.0	35.2	100	71.2
I	Sep 2014	474	8.0	448.17	583	1	82.36	120.0	33.7	100	70.9
	WY 2014	**6498**							**451.6**		
C	Oct 2014	432	7.0	446.41	550	-33	80.56	91.2	30.8	76	71.3
A	Nov 2014	351	5.9	447.77	576	25	81.18	96.0	24.4	80	69.4
L	Dec 2014	240	3.9	446.36	549	-26	81.87	120.0	15.5	100	64.8
*	Jan 2015	348	5.6	448.22	584	35	82.97	93.6	24.3	78	69.7
	Feb 2015	443	8.0	447.50	571	-14	76.46	93.6	29.3	78	66.2
	Mar 2015	746	12.1	448.00	580	9	75.65	108.0	49.5	90	66.4
	Apr 2015	811	13.6	448.70	593	13	75.71	120.0	53.9	100	66.5
	May 2015	708	11.5	448.70	593	0	76.05	120.0	47.1	100	66.5
	Jun 2015	699	11.7	448.70	593	0	76.05	120.0	46.5	100	66.5
	Jul 2015	690	11.2	448.00	580	-13	75.71	120.0	45.7	100	66.2
	Aug 2015	594	9.7	447.50	571	-9	75.13	120.0	38.9	100	65.4
	Sep 2015	524	8.8	447.50	570	0	74.89	120.0	34.1	100	65.0
	WY 2015	**6586**							**440.0**		
	Oct 2015	487	7.9	447.50	571	0	76.04	94.8	32.1	79	65.8
	Nov 2015	368	6.2	447.50	571	0	75.69	102.0	23.8	85	64.7
	Dec 2015	297	4.8	446.50	552	-19	74.40	120.0	18.7	100	62.8
	Jan 2016	359	5.8	446.50	552	0	75.01	96.0	23.0	80	64.1
	Feb 2016	440	7.6	446.50	552	0	75.13	93.6	28.6	78	65.1
	Mar 2016	731	11.9	446.70	555	4	74.01	120.0	47.5	100	65.0
	Apr 2016	794	13.3	448.70	593	38	75.08	120.0	52.4	100	66.0
	May 2016	703	11.4	448.70	593	0	76.05	120.0	46.7	100	66.5
	Jun 2016	688	11.6	448.70	593	0	76.05	120.0	45.7	100	66.5
	Jul 2016	705	11.5	448.00	580	-13	75.71	120.0	46.7	100	66.2
	Aug 2016	607	9.9	447.50	571	-9	75.13	120.0	39.8	100	65.5
	Sep 2016	551	9.3	447.50	570	0	74.89	120.0	35.9	100	65.2
	WY 2016	**6730**							**440.9**		
	Oct 2016	454	7.4	447.50	571	0	75.69	102.0	29.7	85	65.3
	Nov 2016	377	6.3	447.50	571	0	75.69	102.0	24.4	85	64.8
	Dec 2016	284	4.6	446.50	552	-19	75.20	102.0	17.9	85	63.2
	Jan 2017	356	5.8	446.50	552	0	74.71	102.0	22.7	85	63.8

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 2015 24-Month Study

Most Probable Inflow*

Upper Basin Power

	Date	Glen Canyon 1000 MWHR	Flaming Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Reservoir 1000 MWHR	Fontenelle Reservoir 1000 MWHR
*	Feb 2014	247	17	3	4	0	4
H	Mar 2014	207	19	6	8	4	4
	Winter 2014	**1477**	**110**	**30**	**28**	**17**	**22**
I	Apr 2014	206	19	7	13	9	5
S	May 2014	204	20	19	32	17	6
T	Jun 2014	260	80	54	103	21	7
O	Jul 2014	354	41	35	29	22	8
R	Aug 2014	353	48	31	37	21	9
I	Sep 2014	266	46	23	29	16	2
	Summer 2014	**1643**	**255**	**169**	**243**	**106**	**37**
C	Oct 2014	264	36	18	17	14	7
A	Nov 2014	281	30	7	7	4	6
L	Dec 2014	377	43	15	19	11	6
*	Jan 2015	373	48	16	20	10	6
	Feb 2015	234	41	8	10	5	6
	Mar 2015	252	45	11	16	9	7
	Winter 2015	**1780**	**244**	**76**	**90**	**54**	**39**
	Apr 2015	232	43	20	29	16	7
	May 2015	273	58	43	60	23	7
	Jun 2015	318	61	20	30	20	8
	Jul 2015	419	36	32	39	20	10
	Aug 2015	316	36	36	43	22	9
	Sep 2015	276	35	30	37	19	3
	Summer 2015	**1833**	**269**	**182**	**239**	**120**	**44**
	Oct 2015	234	36	23	28	14	6
	Nov 2015	234	35	14	18	9	6
	Dec 2015	310	36	19	24	12	6
	Jan 2016	307	36	18	23	12	5
	Feb 2016	248	34	15	19	10	5
	Mar 2016	247	36	12	17	9	5
	Winter 2016	**1580**	**212**	**101**	**129**	**67**	**33**
	Apr 2016	229	41	12	19	11	6
	May 2016	253	69	44	63	23	7
	Jun 2016	320	38	18	29	20	8
	Jul 2016	404	40	30	37	20	8
	Aug 2016	422	40	38	45	23	9
	Sep 2016	319	38	36	43	22	7
	Summer 2016	**1628**	**227**	**143**	**193**	**97**	**37**
	Oct 2016	239	39	23	29	15	6
	Nov 2016	238	38	14	18	9	6
	Dec 2016	316	39	24	30	15	6
	Jan 2017	314	39	21	27	14	5

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2191

Processed On: 2/11/2015 11:28:23AM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 2015 24-Month Study

Most Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions

Date	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Total KAF	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****EFFECTIVE SPACE****										
Feb 2015	625	283	606	13175	14689	16648	31337	252	229	217	698	13175	16648	30522	1500	575	0	29.3
Mar 2015	685	284	599	13324	14892	16585	31477	310	232	209	751	13324	16585	30661	1500	1015	0	28.9
Apr 2015	712	285	585	13424	15007	16908	31916	333	235	189	757	13424	16908	31090	1500	1164	0	28.5
May 2015	717	279	560	13303	14859	17419	32279	332	230	143	705	13303	17419	31427	1500	1036	0	29.2
Jun 2015	667	221	496	12541	13925	17748	31672	271	163	44	478	12541	17748	30766	1500	912	0	30.0
Jul 2015	502	63	523	11777	12865	17908	30773	92	-15	18	95	11777	17908	29780	1500	893	0	29.7
								****CREDITABLE SPACE****										
Aug 2015	427	72	561	12213	13273	17790	31063	427	72	561	1060	12213	17790	31063	1500	815	0	29.2
Sep 2015	464	120	592	12548	13724	17788	31512	464	120	592	1176	12548	17788	31512	2270	746	0	28.8
Oct 2015	515	167	602	12853	14136	17810	31946	515	167	602	1284	12853	17810	31946	3040	463	0	28.5
Nov 2015	561	198	597	12984	14340	17690	32031	561	198	597	1356	12984	17690	32031	3810	571	0	28.4
Dec 2015	608	211	596	13123	14538	17664	32203	608	211	596	1416	13123	17664	32203	4580	539	0	28.3
Jan 2016	673	248	598	13459	14978	17371	32349	673	248	598	1520	13459	17371	32349	5350	710	0	28.1
								****EFFECTIVE SPACE****										
Jan 2016	673	248	598	13459	14978	17371	32349	364	248	449	1061	13459	17371	31891	5350	710	0	28.1
Feb 2016	733	283	602	13784	15403	17251	32654	422	283	453	1158	13784	17251	32194	1500	626	0	27.9
Mar 2016	782	310	596	13968	15657	17189	32846	469	310	446	1225	13968	17189	32383	1500	1020	0	27.6
Apr 2016	783	316	540	14022	15661	17516	33177	466	316	384	1165	14022	17516	32704	1500	1104	0	27.6
May 2016	768	284	448	13779	15279	17970	33250	444	284	269	998	13779	17970	32748	1500	992	0	28.8
Jun 2016	720	228	333	12481	13763	18303	32066	388	222	118	728	12481	18303	31512	1500	910	0	30.3
Jul 2016	454	49	319	11262	12083	18460	30543	103	21	50	174	11262	18460	29896	1500	878	0	30.4
								****CREDITABLE SPACE****										
Aug 2016	368	27	326	11329	12050	18374	30424	368	27	326	721	11329	18374	30424	1500	795	0	30.0
Sep 2016	401	75	336	11794	12607	18117	30723	401	75	336	812	11794	18117	30723	2270	730	0	29.7
Oct 2016	462	145	329	12082	13019	18028	31047	462	145	329	937	12082	18028	31047	3040	488	0	29.5
Nov 2016	518	179	315	12128	13140	17933	31073	518	179	315	1012	12128	17933	31073	3810	635	0	29.3
Dec 2016	574	195	311	12222	13302	17967	31269	574	195	311	1080	12222	17967	31269	4580	567	0	29.2
Jan 2017	648	248	313	12536	13745	17701	31446	648	248	313	1209	12536	17701	31446	5350	710	0	29.0
								****EFFECTIVE SPACE****										
Jan 2017	648	248	313	12536	13745	17701	31446	303	248	239	791	12536	17701	31028	5350	710	0	29.0

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2191

Processed On: 2/11/2015 11:28:23AM

January 24-Month Study
Date: January 15, 2015

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

Reservoir	December Inflow (unregulated) (acre-feet)	Percent of Average (%)	January 12, Midnight Elevation (feet)	Reservoir Storage (acre-feet)
Fontenelle	51,000	159	6493.77	253,000
Flaming Gorge	53,000	152	6027.35	3,248,000
Blue Mesa	34,000	133	7487.76	564,000
Navajo	19,000	75	6037.78	1,089,000
Powell	396,000	109	3595.79	11,353,000

Expected Operations

The operation of Lake Powell and Lake Mead in this January 2015 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines) and reflects the 2015 Annual Operating Plan (AOP). Pursuant to the Interim Guidelines, the August 2014 24-Month Study projections of the January 1, 2015, system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2015.

Consistent with Section 6.B of the Interim Guidelines, the Lake Powell operational tier for water year 2015 is the Upper Elevation Balancing Tier, with an initial water year release volume of 8.23 maf, and the potential for an April adjustment to equalization or balancing releases for the remainder of the water year. If the April 2015 24-Month Study projects Lake Powell's September 30, 2015, elevation to be greater than 3,649 feet, the Equalization Tier would govern Lake Powell's operations for the remainder of water year 2015. Based on analysis of a range of forecasted inflow scenarios, the current probability of realizing an inflow volume that would trigger equalization in 2015 is approximately 5 percent. If the April 2015 24-Month Study projects Lake Powell's September 30, 2015, elevation to be equal to or greater than 3,575 feet and equal to or less than than 3,649 feet, and Lake Mead's elevation to be less than 1,075 feet, Lake Powell's annual release volume would be increased to balance the contents of Lake Mead and Lake Powell up to 9.0 maf. Based on analysis of a range of forecasted inflow scenarios, the current probability of realizing an inflow volume that would trigger balancing releases of up to

9.0 maf in 2015 is approximately 90 percent. This January 2015 24-Month Study projects that, consistent with Section 6.B.4 of the Interim Guidelines, an April 2015 adjustment to balancing releases is likely to occur and Lake Powell is currently projected to release 9.0 maf in water year 2015.

Consistent with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar year 2015.

The Interim Guidelines are available for download at:
http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The 2015 AOP is available for download at:
http://www.usbr.gov/uc/water/rsvrs/ops/aop/AOP15.pdf.

Fontenelle Reservoir – Inflows to Fontenelle Reservoir for the month of December were 51,000 acre-feet (AF), or 159 percent of average. The reservoir elevation is 6493 feet, 73 percent of live capacity. Inflows are averaging 840 cubic feet per second (cfs). Fontenelle releases are currently 1,250 cfs and will remain at this level through spring.

Inflows for the next three months are projected to be above average: with January, February and March forecasted inflow volumes at 40,000 AF (132% of average), 35,000 AF (127% of average), and 57,000 AF (108% of average), respectively.

The next Fontenelle Working Group meeting is scheduled for April 15, 2015, at 10:00 am at Seedskadee Wildlife Refuge in Green River, Wyoming. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir.

Flaming Gorge Reservoir – Unregulated inflow into Flaming Gorge Reservoir during the month of December was 53,000 acre-feet (AF), or 152 percent of average. The reservoir elevation is 6,027 feet. Observed inflows are averaging 2,000 cubic feet per second (cfs).

Flaming Gorge releases are currently 2,000 cfs daily release with hourly fluctuations for hydropower beginning in mid-December and scheduled through February. Releases are anticipated to increase to approximately 2,250 cfs in March and April in order to obtain the May 1 reservoir elevation target of 6,027 feet.

Inflows for the next three months are projected to be above average: with January, February and March forecasted inflow volumes at 50,000 AF (124% of average), 50,000 AF (112% of average), and 105,000 AF (103% of average), respectively.

The next Flaming Gorge Working Group meeting is scheduled for April 30, 2015, at 11:00 a.m. to be held in the Utah Department of Natural Resources building in Vernal, Utah. The Flaming Gorge Working Group is an open public forum for information

exchange between Reclamation and the stake holders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations and plans presented by Reclamation at these meetings. Meeting notes from past Working Group meetings are posted on the Working Group webpage. For more information on this group and these meetings please contact Heather Patno at 801-524-3883.

Aspinall Unit Reservoirs – December unregulated inflow into Blue Mesa Reservoir was 34,000 acre-feet or 133 percent of average. Precipitation during December was observed to be about 130 percent of average. The Gunnison River basin snowpack as of January 13th was averaging about 92 percent. The current inflow rate into Blue Mesa Reservoir is about 500 cfs while reservoir releases are averaging about 900 cfs. The present reservoir elevation is 7487.76 feet, which corresponds to a storage content of about 564,000 acre-feet.

Releases from Crystal Dam have been kept at just about the same release rate since early December, with a set release rate of 1,100 cfs. Reservoir releases will most likely change as the current hydrologic conditions change through the snow accumulation season. River flows below the tunnel are essentially the same as releases from the Dam, with the exception of when the tunnel is taking water to refill Fairfield Reservoir for Montrose municipal water needs.

The first Water Supply Forecast for Water Year 2015 has been issued and the April through July unregulated inflow is forecasted to be at 690,000 acre-feet (102% of average). Based on this forecast, Blue Mesa Reservoir is projected to fill by the end of this 2015 runoff season.

The next meeting of the "Aspinall Unit Working Group" will be held on Thursday January 23rd in the Montrose, Colorado, starting at 1:00 PM. At this meeting, review of last summer and fall reservoir operations, and plans for this winter and next spring 2014 operations will be discussed. These meetings are open forum discussions on the Aspinall Unit reservoir operations with many interested groups participating. Anyone needing further information about these meetings should contact Erik Knight in the Grand Junction Area Office at (970) 248-0629.

Navajo Reservoir – Reclamation has been releasing 350 cfs from Navajo Reservoir since September 24th, 2014. Releases are made for the authorized purposes of the Navajo Unit, and to attempt to maintain a target base flow through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell). The San Juan River Basin Recovery Implementation Program recommends a target base flow of between 500 cfs and 1,000 cfs through the critical habitat area. The target base flow is calculated as the weekly average of gaged flows throughout the critical habitat area.

Navajo was at 6037.9 ft of pool elevation and 1,090,711 acre-ft of storage by the end of December, which was 81% of average for the end of the month. Observed inflow into Navajo was 16,806 af, (modified-unregulated inflow volume of 18,867 af) which was 69% of average for November. Calculated evaporation for the month was 530 acre-

ft. Navajo's release was 350 cfs for the duration of the month. Navajo Reservoir recorded 0.86 inches of liquid precipitation (82% of average).

As of January 5th, the release at Navajo (as measured at the USGS at Archuleta gage) was 354 cfs, and the observed inflow is 201 cfs. The reservoir elevation is 6037.81 ft and the content is 1,089,328 acre-ft, or 64% full (41% of Active). The San Juan River at Four Corners USGS gage is at 650 cfs, and the Animas River at Farmington USGS gage is at 240 cfs.

The most probable modified-unregulated inflow forecast for January at Navajo is 17,000 acre-ft (78% of average), for February is 20,000 acre-ft (66% of average), and for March is 50,000 acre-ft (54% of average). The reservoir is forecast to reach a minimum overwinter storage level of 6037 ft (1,080,800 af) in mid-February. The April-July modified unregulated inflow forecasts are as follows:

Min Probable: 250,000 acre-ft (34% of average)
Most Probable: 450,000 acre-ft (61% of average)
Max Probable: 750,000 acre-ft (102% of average)

The last public operations meeting was held on August 26th at the Farmington Civic Center. Meeting notes are available on the USBR website. The next operations meeting is scheduled for Tuesday, January 20th 2015.

Glen Canyon Dam / Lake Powell

Current Status

The unregulated inflow volume to Lake Powell in December was 409 thousand acre-feet (kaf) (113% of average). The release volume from Glen Canyon Dam in December was 864 kaf. The end of December elevation and storage of Lake Powell were 3,597.8 feet (102 feet from full pool) and 11.54 million acre-feet (maf) (47% of full capacity), respectively. The reservoir elevation is now declining and is expected to continue to decline until spring 2015.

Current Operations

The operating tier for water year 2015 was established in August 2014 as the Upper Elevation Balancing Tier. In the Upper Elevation Balancing Tier the initial water year release volume is 8.23 maf; however, there is the possibility for an April adjustment to equalization or balancing operations to govern for the remainder of the water year. Under the minimum, most, and maximum probable inflow scenarios, an April adjustment to balancing releases is projected to occur and Lake Powell is currently projected to release 9.0 maf in water year 2015. Reclamation will schedule operations at Glen Canyon Dam to achieve as practicably as possible the appropriate total annual release volume by September 30, 2015.

In January, the release volume will be approximately 860 kaf, with fluctuations anticipated between about 10,000 cfs in the nighttime to about 18,000 cfs in the daytime and consistent with the Glen Canyon Operating Criteria (Federal Register, Volume 62, No. 41, March 3, 1997). The anticipated release volume for February and March are 600 kaf and 650 kaf, respectively.

In addition to daily scheduled fluctuations for power generation, the instantaneous releases from Glen Canyon Dam may also fluctuate to provide 40 MW of system regulation. These instantaneous release adjustments stabilize the electrical generation and transmission system and translate to a range of about 1,200 cfs above or below the hourly scheduled release rate. Under system normal conditions, fluctuations for regulation are typically short lived and generally balance out over the hour with minimal or no noticeable impacts on downstream river flow conditions.

Releases from Glen Canyon Dam can also fluctuate beyond scheduled releases when called upon to respond to unscheduled power outages or power system emergencies. Depending on the severity of the system emergency, the response from Glen Canyon Dam can be significant, within the full range of the operating capacity of the power plant for as long as is necessary to maintain balance in the transmission system. Glen Canyon Dam typically maintains 27MW (approximately 800 cfs) of generation capacity in reserve in order to respond to a system emergency even when generation rates are already high. System emergencies occur fairly infrequently and typically require small responses from Glen Canyon Dam. However, these responses can have a noticeable impact on the river downstream of Glen Canyon Dam.

Inflow Forecasts and Model Projections

The April to July 2015 water supply forecast for unregulated inflow to Lake Powell, issued on January 5, 2015, by the Colorado Basin River Forecast Center, projects that the most probable (median) unregulated inflow volume will be 6.5 maf (91% of average based on the period 1981-2010). At this early point in the season, there is still significant uncertainty regarding this year's water supply. The forecast ranges from a minimum probable of 4.4 maf (61% of average) to a maximum probable of 9.8 maf (137% of average). There is 10% chance that inflows could be higher than the maximum probable and a 10% chance they could be lower than the minimum probable.

As determined in the August 2014 24-Month Study, and document in the 2015 Annual Operating Tier, Lake Powell's operations in water year 2015 will be governed by the Upper Elevation Balancing Tier. In this tier, the initial water year release volume is 8.23 maf, however, there is the potential for an April adjustment to equalization or balancing releases in April 2015. If the April 2015 24-Month Study projects Lake Powell's September 30, 2015, elevation to be greater than 3,649 feet, the Equalization Tier would govern Lake Powell's operations for the remainder of water year 2015 and releases could be approximately 10.8 maf or greater. Based on analysis of a range of forecasted inflow scenarios, the current probability of realizing an inflow volume that would trigger equalization in 2015 is approximately 5 percent. If the April 2015 24-Month Study projects Lake Powell's September 30, 2015, elevation to be equal to or greater than 3,575

feet and equal to or less than 3,649 feet, and Lake Mead's elevation to be less than 1,075 feet, Lake Powell's annual release volume would be increased to balance the contents of Lake Mead and Lake Powell up to 9.0 maf. Based on analysis of a range of forecasted inflow scenarios, the current probability of realizing an inflow volume that would trigger balancing releases of up to 9.0 maf in 2015 is approximately 90 percent. The January 2015 24-Month Study projects that an April 2015 adjustment to balancing releases is likely to occur and Lake Powell is currently projected to release 9.0 maf in water year 2015.

Based on the current forecast, the January 24-Month Study projects Lake Powell elevation will end water year 2015 near 3,609 feet with approximately 12.63 maf in storage (52% capacity). Note that projections of elevation and storage have significant uncertainty at this early point in the season, primarily due to uncertainty regarding this season's final snowpack and the resulting inflow to Lake Powell. Under the minimum probable inflow scenario, last updated in January, the projected end of water year elevation and storage are 3589 feet and 10.73 maf (44% capacity), respectively. Under the maximum probable inflow scenario, last updated in January, the projected end of water year elevation and storage are 3639 feet and 15.94 maf (66% capacity), respectively. The annual release volume from Lake Powell during water year 2015 is projected to be 9.0 maf under all three inflow scenarios. However, there is a 10% chance that inflows will be higher, potentially resulting in higher releases; and 10% chance that inflows will be lower, potentially resulting in lower releases. If inflows are less than the current forecasted minimum probable inflow, the water year 2015 annual release could be as low as 8.23 maf. If inflows are greater than the current forecasted maximum probable inflow, the annual release could be 10.8 maf or greater.

Upper Colorado River Basin Hydrology

The Upper Colorado River Basin regularly experiences significant year to year hydrologic variability. During the 15-year period 2000 to 2014, however, the unregulated inflow to Lake Powell, which is a good measure of hydrologic conditions in the Colorado River Basin, was above average in only 3 out of the past 15 years. The period 2000-2014 is the lowest 15-year period since the closure of Glen Canyon Dam in 1963, with an average unregulated inflow of 8.39 maf, or 78% of the 30-year average (1981-2010). (For comparison, the 1981-2010 total water year average is 10.83 maf.) The unregulated inflow during the 2000-2014 period has ranged from a low of 2.64 maf (24% of average) in water year 2002 to a high of 15.97 maf (147% of average) in water year 2011. The water year 2014 unregulated inflow volume to Lake Powell was 10.381 maf (96% of average), which, though still below average, was significantly higher than inflows observed in 2012 and 2013 (45% and 47% of average, respectively). Under the current most probable forecast, total water year 2015 unregulated inflows to Lake Powell is projected to be 10.08 maf (93% of average).

At the beginning of water year 2015, total system storage in the Colorado River Basin was 30.0 maf (50% of 59.6 maf total system capacity). This is nearly the same as the total storage at the beginning of water year 2014 which began at 29.9 maf (50% of capacity). Since the beginning of water year 2000, total Colorado Basin storage has

experienced year to year increases and decreases in response to wet and dry hydrology, ranging from a high of 94% of capacity at the beginning of 2000 to a low of 50% of capacity at the beginning of water year 2014. One wet year can significantly increase total system reservoir storage, just as persistent dry years can draw down the system storage. Based on current inflow forecasts, the current projected end of water year 2015 total Colorado Basin reservoir storage is approximately 29.9 maf (50% of capacity). The actual end of water year storage may vary from this projection, primarily due to uncertainty regarding next season's snowpack and resulting runoff. Based on January minimum and maximum probable inflow forecasts and modeling the range is approximately 27.5 maf (46%) to 33.6 maf (56%), respectively.

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-430
125 SOUTH STATE STREET, ROOM 6107
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-3709

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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:			Obs		dec	Forecast			Outlook	
:	sep	oct	nov	dec	%Avg	jan	feb	mar	apr-jul	%Avg
GLDA3:Lake Powell	511	716	422	396	109%:	340/	370/	575/	6500/:	91%
GBRW4:Fontenelle	69	85	53	51	159%:	40/	35/	57/	800/:	110%
GRNU1:Flaming Gorge	99	108	65	53	152%:	50/	50/	105/	1000/:	102%
BMDC2:Blue Mesa	48	55	37	34	133%:	27/	23/	36/	690/:	102%
MPSC2:Morrow Point	49	56	38	35	126%:	30/	26/	41/	750/:	101%
CLSC2:Crystal	53	61	43	39	120%:	34/	30/	48/	840/:	101%
TPIC2:Taylor Park	9.4	9.2	6.6	4.6	98%:	4.2/	3.7/	4.2/	100/:	101%
VCRC2:Vallecito	22	23	9.8	6.4	101%:	5/	4.2/	6.6/	160/:	82%
NVRN5:Navajo	39	68	28	18.9	75%:	17/	20/	50/	450/:	61%
LEMC2:Lemon	5.8	5.5	1.74	1.10	100%:	0.8/	0.6/	1.3/	42/:	76%
MPHC2:McPhee	14.4	10.8	4.3	-999	-99%:	3.6/	3.8/	13/	255/:	86%
RBSC2:Ridgway	12.1	10.3	5.8	4.8	107%:	4.2/	3.6/	5.5/	102/:	101%

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

January 2015 24-Month Study

Most Probable Inflow*

Fontenelle Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jan 2014	29	1	61	0	61	6479.35	163
H	Feb 2014	29	0	55	0	55	6474.06	136
I	Mar 2014	56	0	71	0	71	6470.70	121
S	Apr 2014	101	1	83	1	84	6474.33	138
T	May 2014	272	1	96	126	222	6483.58	186
O	Jun 2014	427	2	104	254	364	6492.90	247
R	Jul 2014	220	3	90	1	117	6506.25	347
I	Aug 2014	98	2	100	1	108	6504.71	335
C	Sep 2014	69	2	21	66	87	6502.07	314
	WY 2014	**1424**	**15**	**811**	**478**	**1328**		
A	Oct 2014	85	1	80	10	90	6501.37	309
L	Nov 2014	53	1	69	1	69	6499.16	292
*	Dec 2014	51	1	77	0	77	6495.49	265
	Jan 2015	40	1	79	0	79	6489.57	226
	Feb 2015	35	1	69	0	69	6484.16	191
	Mar 2015	57	1	100	7	108	6474.58	140
	Apr 2015	95	1	93	29	122	6468.30	112
	May 2015	180	1	98	28	126	6479.64	165
	Jun 2015	345	2	102	125	226	6497.66	282
	Jul 2015	180	3	102	13	115	6505.83	344
	Aug 2015	75	2	92	0	92	6503.37	325
	Sep 2015	47	2	36	32	68	6500.38	302
	WY 2015	**1244**	**15**	**997**	**244**	**1241**		
	Oct 2015	49	1	70	0	70	6497.40	280
	Nov 2015	42	1	68	0	68	6493.71	253
	Dec 2015	32	1	70	0	70	6487.85	214
	Jan 2016	30	1	70	0	70	6481.19	173
	Feb 2016	28	1	66	0	66	6473.54	135
	Mar 2016	53	0	70	0	70	6469.38	117
	Apr 2016	85	1	89	0	89	6468.32	112
	May 2016	164	1	98	10	108	6480.07	167
	Jun 2016	299	2	101	102	203	6494.78	261
	Jul 2016	178	3	92	0	92	6505.73	344
	Aug 2016	77	2	92	0	92	6503.46	325
	Sep 2016	46	2	73	0	73	6499.74	297
	WY 2016	**1083**	**15**	**961**	**112**	**1073**		
	Oct 2016	49	1	71	0	71	6496.57	274
	Nov 2016	42	1	68	0	68	6492.75	247
	Dec 2016	32	1	71	0	71	6486.79	207

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

January 2015 24-Month Study

Most Probable Inflow*

Flaming Gorge Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	Jan 2014	33	65	2	49	0	49	115	6016.19	2847	77
H	Feb 2014	46	71	2	45	0	45	116	6016.89	2871	88
I	Mar 2014	86	100	3	49	1	50	117	6018.21	2917	123
S	Apr 2014	128	111	5	50	0	50	120	6019.75	2971	306
T	May 2014	333	283	8	53	0	53	128	6025.67	3185	594
O	Jun 2014	472	409	10	208	85	293	132	6028.39	3287	775
R	Jul 2014	226	123	13	105	0	105	132	6028.51	3292	208
I	Aug 2014	126	136	13	122	0	122	132	6028.53	3293	190
C	Sep 2014	99	118	11	116	0	116	132	6028.31	3284	170
	WY 2014	**1689**	**1594**	**77**	**945**	**86**	**1032**				**2799**
A	Oct 2014	108	112	7	92	0	92	133	6028.64	3297	159
L	Nov 2014	65	81	4	77	0	77	133	6028.63	3296	134
*	Dec 2014	53	79	2	113	0	113	131	6027.71	3262	164
	Jan 2015	50	89	2	123	0	123	130	6026.81	3228	143
	Feb 2015	50	84	2	111	0	111	129	6026.07	3200	131
	Mar 2015	105	156	3	138	0	138	129	6026.43	3214	208
	Apr 2015	130	157	5	134	0	134	130	6026.90	3231	324
	May 2015	260	206	8	171	0	171	131	6027.60	3257	646
	Jun 2015	415	296	10	200	0	200	134	6029.75	3340	665
	Jul 2015	195	130	14	101	0	101	135	6030.11	3353	171
	Aug 2015	86	103	13	101	0	101	134	6029.84	3343	119
	Sep 2015	56	77	11	98	0	98	133	6029.03	3312	111
	WY 2015	**1573**	**1570**	**80**	**1461**	**0**	**1461**				**2978**
	Oct 2015	60	81	7	101	0	101	132	6028.32	3285	127
	Nov 2015	51	77	3	98	0	98	131	6027.70	3261	127
	Dec 2015	35	73	2	101	0	101	130	6026.94	3232	127
	Jan 2016	40	80	2	101	0	101	129	6026.35	3210	127
	Feb 2016	45	83	2	95	0	95	129	6025.98	3197	123
	Mar 2016	102	120	3	101	0	101	129	6026.39	3212	178
	Apr 2016	134	137	5	115	0	115	130	6026.84	3229	330
	May 2016	245	189	8	190	0	190	130	6026.61	3220	722
	Jun 2016	390	294	10	107	0	107	136	6031.04	3389	527
	Jul 2016	210	125	14	111	0	111	136	6031.05	3390	211
	Aug 2016	89	104	13	111	0	111	136	6030.58	3371	136
	Sep 2016	55	82	11	107	0	107	134	6029.67	3336	126
	WY 2016	**1455**	**1446**	**80**	**1340**	**0**	**1340**				**2860**
	Oct 2016	59	81	7	111	0	111	133	6028.74	3301	143
	Nov 2016	51	77	3	107	0	107	132	6027.90	3269	139
	Dec 2016	35	74	2	111	0	111	130	6026.92	3232	136

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Managing Water in the West

January 2015 24-Month Study

Most Probable Inflow*

Taylor Park Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jan 2014	5	5	9310.93	71
H	Feb 2014	4	4	9311.08	72
I	Mar 2014	5	5	9310.72	71
S	Apr 2014	12	13	9310.23	70
T	May 2014	31	27	9312.59	74
O	Jun 2014	49	28	9324.29	95
R	Jul 2014	19	25	9320.83	88
I	Aug 2014	12	19	9316.50	81
C	Sep 2014	10	14	9314.21	77
	WY 2014	**161**	**154**		
A	Oct 2014	10	8	9315.40	79
L	Nov 2014	7	6	9315.85	80
*	Dec 2014	6	6	9315.74	79
	Jan 2015	4	6	9314.69	78
	Feb 2015	4	6	9313.32	75
	Mar 2015	4	6	9312.23	73
	Apr 2015	8	10	9311.00	71
	May 2015	33	22	9317.52	82
	Jun 2015	42	25	9326.64	99
	Jul 2015	17	22	9324.05	94
	Aug 2015	10	22	9317.52	82
	Sep 2015	7	16	9312.23	73
	WY 2015	**151**	**154**		
	Oct 2015	6	8	9311.27	72
	Nov 2015	5	6	9310.67	71
	Dec 2015	5	6	9309.84	70
	Jan 2016	4	6	9308.79	68
	Feb 2016	4	6	9307.37	66
	Mar 2016	4	6	9306.34	64
	Apr 2016	9	6	9308.15	67
	May 2016	28	14	9316.82	81
	Jun 2016	42	22	9327.39	101
	Jul 2016	20	22	9326.45	99
	Aug 2016	10	20	9321.35	89
	Sep 2016	7	16	9316.55	81
	WY 2016	**145**	**138**		
	Oct 2016	7	8	9315.77	79
	Nov 2016	5	6	9315.26	79
	Dec 2016	5	6	9314.48	77

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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January 2015 24-Month Study

Most Probable Inflow*

Blue Mesa Reservoir

	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jan 2014	22	22	0	14	0	14	7462.81	389
H	Feb 2014	23	22	0	13	0	13	7464.31	398
I	Mar 2014	32	33	0	23	0	23	7465.76	408
S	Apr 2014	129	130	1	28	0	28	7480.43	509
T	May 2014	242	240	1	69	3	72	7501.73	676
O	Jun 2014	361	338	1	185	142	353	7499.76	659
R	Jul 2014	117	123	1	118	0	118	7500.15	663
I	Aug 2014	64	72	1	104	0	104	7496.00	629
C	Sep 2014	48	52	1	81	0	81	7492.28	599
	WY 2014	**1145**	**1138**	**8**	**708**	**145**	**879**		
A	Oct 2014	55	53	1	64	0	64	7490.77	587
L	Nov 2014	37	36	0	27	0	27	7491.85	596
*	Dec 2014	34	34	0	55	0	55	7489.11	574
	Jan 2015	27	29	0	59	0	59	7485.13	544
	Feb 2015	23	25	0	50	0	50	7481.79	519
	Mar 2015	36	38	0	47	0	47	7480.49	510
	Apr 2015	80	82	1	50	0	50	7484.71	541
	May 2015	235	224	1	128	0	128	7496.87	636
	Jun 2015	270	253	1	74	0	74	7517.59	813
	Jul 2015	105	110	2	119	0	119	7516.40	802
	Aug 2015	57	69	1	123	0	123	7510.17	747
	Sep 2015	45	54	1	114	0	114	7503.01	686
	WY 2015	**1003**	**1006**	**9**	**910**	**0**	**910**		
	Oct 2015	43	44	1	78	0	78	7498.89	652
	Nov 2015	33	34	0	50	0	50	7496.89	636
	Dec 2015	26	27	0	81	0	81	7490.00	581
	Jan 2016	24	26	0	73	0	73	7483.81	534
	Feb 2016	22	25	0	51	0	51	7480.21	507
	Mar 2016	36	38	0	32	0	32	7480.91	513
	Apr 2016	77	74	1	42	0	42	7485.16	544
	May 2016	221	207	1	116	0	116	7496.65	634
	Jun 2016	261	241	1	76	0	76	7515.90	798
	Jul 2016	117	119	2	113	0	113	7516.40	802
	Aug 2016	63	73	1	122	0	122	7510.76	752
	Sep 2016	38	47	1	116	0	116	7502.51	682
	WY 2016	**962**	**955**	**9**	**950**	**0**	**950**		
	Oct 2016	38	40	1	73	0	73	7498.39	648
	Nov 2016	31	32	0	47	0	47	7496.51	633
	Dec 2016	26	27	0	78	0	78	7490.00	581

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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Most Probable Inflow*

Morrow Point Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jan 2014	24	14	2	16	0	0	16	7148.51	108
H	Feb 2014	24	13	2	14	12	0	14	7148.21	108
I	Mar 2014	33	23	1	24	25	0	25	7146.76	107
S	Apr 2014	143	28	13	41	42	0	42	7146.13	106
T	May 2014	268	72	26	98	93	0	93	7152.55	111
O	Jun 2014	379	353	18	372	295	63	382	7138.91	101
R	Jul 2014	120	118	3	122	82	8	110	7153.91	112
I	Aug 2014	64	104	1	105	104	0	104	7154.40	113
C	Sep 2014	49	81	1	82	82	0	82	7153.75	112
	WY 2014	**1215**	**879**	**70**	**949**	**782**	**73**	**949**		
A	Oct 2014	56	64	1	65	49	0	68	7149.96	109
L	Nov 2014	38	27	2	29	23	0	26	7154.03	112
*	Dec 2014	35	55	1	56	56	0	56	7153.68	112
	Jan 2015	30	59	3	62	62	0	62	7153.73	112
	Feb 2015	26	50	3	53	53	0	53	7153.73	112
	Mar 2015	41	47	5	52	52	0	52	7153.73	112
	Apr 2015	90	50	10	60	60	0	60	7153.73	112
	May 2015	260	128	25	153	153	0	153	7153.73	112
	Jun 2015	290	74	20	94	94	0	94	7153.73	112
	Jul 2015	110	119	5	124	124	0	124	7153.73	112
	Aug 2015	61	123	4	127	127	0	127	7153.73	112
	Sep 2015	48	114	3	117	117	0	117	7153.73	112
	WY 2015	**1085**	**910**	**82**	**992**	**970**	**0**	**992**		
	Oct 2015	46	78	3	81	81	0	81	7153.73	112
	Nov 2015	35	50	2	52	52	0	52	7153.73	112
	Dec 2015	28	81	2	84	84	0	84	7153.73	112
	Jan 2016	27	73	2	75	75	0	75	7153.73	112
	Feb 2016	25	51	3	54	54	0	54	7153.73	112
	Mar 2016	40	32	4	36	36	0	36	7153.73	112
	Apr 2016	88	42	11	53	53	0	53	7153.73	112
	May 2016	247	116	26	142	142	0	142	7153.73	112
	Jun 2016	281	76	20	96	96	0	96	7153.73	112
	Jul 2016	123	113	6	119	119	0	119	7153.73	112
	Aug 2016	67	122	3	125	125	0	125	7153.73	112
	Sep 2016	41	116	3	119	119	0	119	7153.73	112
	WY 2016	**1047**	**950**	**85**	**1035**	**1035**	**0**	**1035**		
	Oct 2016	41	73	3	76	76	0	76	7153.73	112
	Nov 2016	33	47	2	49	49	0	49	7153.73	112
	Dec 2016	28	78	2	80	80	0	80	7153.73	112

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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January 2015 24-Month Study

Most Probable Inflow*

Crystal Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
*	Jan 2014	27	16	3	19	6	14	20	6746.01	15	1	20
H	Feb 2014	29	14	5	19	3	17	20	6743.52	14	1	20
I	Mar 2014	39	25	6	31	30	0	31	6744.65	15	1	30
S	Apr 2014	154	42	11	53	53	0	53	6743.26	14	28	26
T	May 2014	297	93	29	122	88	22	118	6758.88	19	52	69
O	Jun 2014	414	382	35	417	108	126	419	6751.56	17	61	378
R	Jul 2014	130	110	10	120	119	2	120	6749.06	16	67	59
I	Aug 2014	69	104	4	109	108	0	108	6749.65	16	65	48
C	Sep 2014	53	82	4	86	84	3	87	6747.57	15	62	26
	WY 2014	**1337**	**949**	**123**	**1071**	**690**	**187**	**1071**			**374**	**738**
A	Oct 2014	61	68	5	73	74	0	74	6745.88	15	48	27
L	Nov 2014	43	26	5	30	29	0	30	6748.06	16	0	30
*	Dec 2014	39	56	5	61	61	0	61	6746.42	15	1	62
	Jan 2015	34	62	4	66	64	0	64	6753.04	17	0	68
	Feb 2015	30	53	4	57	57	0	57	6753.04	17	0	61
	Mar 2015	48	52	7	59	59	0	59	6753.04	17	5	63
	Apr 2015	105	60	15	75	75	0	75	6753.04	17	30	86
	May 2015	290	153	30	183	134	49	183	6753.04	17	55	244
	Jun 2015	325	94	35	129	129	0	129	6753.04	17	60	139
	Jul 2015	120	124	10	134	134	0	134	6753.04	17	65	87
	Aug 2015	68	127	7	134	134	0	134	6753.04	17	65	76
	Sep 2015	54	117	6	123	123	0	123	6753.04	17	55	76
	WY 2015	**1217**	**992**	**133**	**1125**	**1074**	**49**	**1123**			**384**	**1020**
	Oct 2015	52	81	6	87	87	0	87	6753.04	17	30	65
	Nov 2015	40	52	5	57	57	0	57	6753.04	17	0	62
	Dec 2015	32	84	5	88	88	0	88	6753.04	17	0	93
	Jan 2016	31	75	5	80	80	0	80	6753.04	17	0	84
	Feb 2016	29	54	4	57	57	0	57	6753.04	17	0	62
	Mar 2016	46	36	6	42	42	0	42	6753.04	17	5	52
	Apr 2016	101	53	12	66	66	0	66	6753.04	17	30	85
	May 2016	281	142	34	176	134	42	176	6753.04	17	55	248
	Jun 2016	315	96	34	130	130	0	130	6753.04	17	60	171
	Jul 2016	138	119	14	133	133	0	133	6753.04	17	65	102
	Aug 2016	75	125	8	134	134	0	134	6753.04	17	65	84
	Sep 2016	47	119	6	125	125	0	125	6753.04	17	55	82
	WY 2016	**1187**	**1035**	**140**	**1175**	**1133**	**42**	**1175**			**365**	**1191**
	Oct 2016	47	76	6	82	82	0	82	6753.04	17	30	62
	Nov 2016	38	49	5	54	54	0	54	6753.04	17	0	60
	Dec 2016	32	80	5	85	85	0	85	6753.04	17	0	90

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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January 2015 24-Month Study

Most Probable Inflow*

Vallecito Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jan 2014	6	2	7653.61	96
H	Feb 2014	5	2	7654.41	98
I	Mar 2014	7	11	7653.05	94
S	Apr 2014	28	16	7657.59	106
T	May 2014	59	43	7663.60	122
O	Jun 2014	47	50	7662.12	118
R	Jul 2014	15	38	7653.12	95
I	Aug 2014	14	32	7645.08	75
C	Sep 2014	22	28	7642.43	70
	WY 2014	**238**	**229**		
A	Oct 2014	23	5	7650.16	87
L	Nov 2014	10	3	7652.74	94
*	Dec 2014	6	4	7653.53	96
	Jan 2015	5	3	7654.39	98
	Feb 2015	4	2	7655.29	100
	Mar 2015	7	2	7657.20	105
	Apr 2015	19	1	7663.74	122
	May 2015	62	58	7664.99	125
	Jun 2015	58	59	7664.41	124
	Jul 2015	21	42	7656.35	103
	Aug 2015	18	38	7648.09	82
	Sep 2015	15	30	7641.49	67
	WY 2015	**248**	**247**		
	Oct 2015	14	17	7639.98	64
	Nov 2015	8	1	7643.11	71
	Dec 2015	6	2	7645.21	76
	Jan 2016	5	2	7646.85	80
	Feb 2016	5	1	7648.22	83
	Mar 2016	9	2	7651.09	90
	Apr 2016	23	1	7659.62	111
	May 2016	71	57	7664.90	125
	Jun 2016	70	70	7664.80	125
	Jul 2016	29	41	7659.90	112
	Aug 2016	20	38	7652.68	93
	Sep 2016	17	29	7647.63	81
	WY 2016	**279**	**262**		
	Oct 2016	16	16	7647.20	80
	Nov 2016	9	1	7650.22	88
	Dec 2016	6	2	7652.17	92

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January 2015 24-Month Study

Most Probable Inflow*

Navajo Reservoir

	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azetea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Farmington Flow (1000 Ac-Ft)
*	Jan 2014	19	0	16	0	0	17	6025.41	963	36
H	Feb 2014	23	0	21	1	0	18	6025.70	966	35
I	Mar 2014	52	2	53	1	4	18	6028.76	996	41
S	Apr 2014	123	14	98	2	21	18	6034.32	1053	64
T	May 2014	176	20	141	3	31	17	6042.68	1142	115
O	Jun 2014	116	19	98	4	39	20	6045.77	1177	148
R	Jul 2014	14	2	35	4	44	29	6042.03	1135	64
I	Aug 2014	14	1	32	3	37	39	6037.72	1088	61
C	Sep 2014	39	1	47	2	22	31	6036.99	1081	61
	WY 2014	**696**	**62**	**626**	**23**	**203**	**253**			**754**
A	Oct 2014	68	1	46	1	7	21	6038.47	1096	65
L	Nov 2014	28	0	21	1	0	21	6038.43	1096	46
*	Dec 2014	19	0	17	1	0	22	6037.94	1091	45
	Jan 2015	17	0	15	1	0	22	6037.25	1083	34
	Feb 2015	20	0	18	1	0	19	6037.02	1081	30
	Mar 2015	50	1	44	1	5	22	6038.53	1097	40
	Apr 2015	100	9	74	2	19	21	6041.48	1129	63
	May 2015	185	24	157	3	33	49	6047.90	1201	181
	Jun 2015	135	18	118	4	48	77	6046.94	1190	205
	Jul 2015	30	2	48	4	52	24	6044.11	1158	72
	Aug 2015	25	1	44	3	44	28	6041.30	1127	60
	Sep 2015	28	0	42	2	24	22	6040.66	1120	49
	WY 2015	**704**	**57**	**643**	**24**	**233**	**347**			**890**
	Oct 2015	36	1	38	1	9	22	6041.22	1126	47
	Nov 2015	30	0	22	1	0	21	6041.29	1127	38
	Dec 2015	25	0	20	1	0	22	6041.13	1125	37
	Jan 2016	22	0	18	1	0	22	6040.76	1121	35
	Feb 2016	30	0	27	1	0	20	6041.31	1127	33
	Mar 2016	92	2	84	1	5	22	6046.30	1183	44
	Apr 2016	170	14	135	2	20	21	6054.09	1274	73
	May 2016	277	40	223	4	33	67	6063.50	1393	213
	Jun 2016	224	33	190	4	49	123	6064.57	1407	274
	Jul 2016	66	7	72	5	53	22	6064.03	1400	89
	Aug 2016	45	1	62	4	44	24	6063.25	1390	62
	Sep 2016	43	1	54	3	24	21	6063.74	1396	53
	WY 2016	**1060**	**98**	**945**	**27**	**237**	**404**			**998**
	Oct 2016	47	1	46	2	8	22	6064.83	1411	50
	Nov 2016	34	1	26	1	0	21	6065.12	1414	39
	Dec 2016	25	0	20	1	0	22	6064.97	1412	37

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2186

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

January 2015 24-Month Study

Most Probable Inflow*

Lake Powell

	Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry Gage (1000 Ac-Ft)
*	Jan 2014	270	271	7	800	0	800	3578.69	4840	9828	811
H	Feb 2014	330	321	7	599	0	599	3575.55	4819	9563	604
I	Mar 2014	509	444	12	504	0	504	3574.76	4813	9497	510
S	Apr 2014	964	774	19	502	0	502	3577.56	4832	9732	512
T	May 2014	2082	1632	24	493	0	493	3589.38	4915	10764	498
O	Jun 2014	3039	2676	42	598	0	598	3609.19	5066	12649	609
R	Jul 2014	838	730	53	800	0	800	3608.05	5056	12535	814
I	Aug 2014	517	615	53	801	0	801	3605.82	5039	12314	818
C	Sep 2014	511	622	48	604	0	604	3605.53	5037	12286	619
	WY 2014	**10381**	**9287**	**347**	**7337**	**143**	**7480**				**7568**
A	Oct 2014	716	636	34	598	0	598	3605.57	5037	12290	613
L	Nov 2014	423	420	32	645	132	777	3601.87	5008	11929	780
*	Dec 2014	409	465	25	864	0	864	3597.75	4977	11537	880
	Jan 2015	340	448	8	860	0	860	3593.58	4946	11148	871
	Feb 2015	370	458	8	600	0	600	3592.07	4934	11009	607
	Mar 2015	575	597	14	650	0	650	3591.39	4929	10947	656
	Apr 2015	900	822	22	600	0	600	3593.42	4944	11133	609
	May 2015	2200	1925	27	700	0	700	3605.08	5033	12242	708
	Jun 2015	2500	2098	45	800	0	800	3616.56	5126	13402	808
	Jul 2015	900	869	56	1050	0	1050	3614.44	5108	13183	1067
	Aug 2015	400	529	55	800	0	800	3611.49	5084	12881	819
	Sep 2015	350	480	50	701	0	701	3609.01	5064	12631	714
	WY 2015	**10083**	**9746**	**373**	**8868**	**132**	**9000**				**9131**
	Oct 2015	464	536	34	600	0	600	3608.10	5057	12540	609
	Nov 2015	450	506	33	600	0	600	3606.91	5047	12422	610
	Dec 2015	363	481	26	800	0	800	3603.66	5022	12103	808
	Jan 2016	361	471	8	800	0	800	3600.43	4997	11791	811
	Feb 2016	393	462	8	650	0	650	3598.52	4982	11609	657
	Mar 2016	665	596	14	650	0	650	3597.85	4977	11546	656
	Apr 2016	1056	886	23	600	0	600	3600.42	4997	11790	609
	May 2016	2343	2046	28	650	0	650	3613.22	5098	13057	658
	Jun 2016	2666	2180	48	800	0	800	3624.90	5197	14290	808
	Jul 2016	1091	1002	59	1000	0	1000	3624.42	5193	14237	1017
	Aug 2016	500	605	58	1050	0	1050	3620.07	5155	13771	1069
	Sep 2016	408	541	53	800	0	800	3617.33	5132	13482	813
	WY 2016	**10760**	**10312**	**392**	**9000**	**0**	**9000**				**9124**
	Oct 2016	512	583	36	600	0	600	3616.86	5128	13433	609
	Nov 2016	473	533	35	600	0	600	3615.95	5121	13339	609
	Dec 2016	363	488	28	800	0	800	3612.89	5096	13024	808

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

January 2015 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Glen Release (1000 Ac-Ft)	Side Inflow Glen to Hoover (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Jan 2014	800	45	33	605	9.8	8	605	815	1108.75	12531
H	Feb 2014	599	76	31	717	12.9	8	716	810	1107.94	12456
I	Mar 2014	504	29	34	1090	17.7	13	1087	773	1101.71	11888
S	Apr 2014	502	17	41	1134	19.1	20	1130	731	1094.55	11254
T	May 2014	493	13	46	1086	17.7	30	1084	692	1087.46	10639
O	Jun 2014	598	10	54	959	16.1	28	958	665	1082.66	10233
R	Jul 2014	800	54	67	943	15.3	27	941	654	1080.60	10061
I	Aug 2014	801	113	71	735	12.0	23	727	659	1081.55	10140
C	Sep 2014	604	140	58	686	11.5	19	684	658	1081.33	10121
	WY 2014	**7480**	**677**	**567**	**9759**		**216**	**9716**			
A	Oct 2014	598	68	43	472	7.7	21	461	666	1082.79	10244
L	Nov 2014	777	43	43	695	11.7	12	692	670	1083.57	10309
*	Dec 2014	864	67	37	493	8.0	7	492	693	1087.79	10667
	Jan 2015	860	75	31	789	12.8	8	789	700	1088.97	10768
	Feb 2015	600	78	28	642	11.6	7	642	700	1088.98	10769
	Mar 2015	650	68	31	1013	16.5	15	1013	679	1085.22	10448
	Apr 2015	600	80	38	1165	19.6	21	1165	646	1079.11	9937
	May 2015	700	60	43	1044	17.0	29	1044	624	1075.00	9601
	Jun 2015	800	23	52	918	15.4	30	918	613	1072.95	9436
	Jul 2015	1050	64	65	907	14.8	31	907	620	1074.24	9540
	Aug 2015	800	116	69	819	13.3	29	819	620	1074.23	9539
	Sep 2015	701	97	57	744	12.5	16	744	619	1074.01	9520
	WY 2015	**9000**	**839**	**537**	**9702**		**228**	**9687**			
	Oct 2015	600	52	41	451	7.3	21	451	627	1075.62	9651
	Nov 2015	600	52	42	572	9.6	11	572	629	1075.94	9678
	Dec 2015	800	95	36	529	8.6	8	529	649	1079.63	9980
	Jan 2016	800	75	30	710	11.5	9	710	656	1081.07	10100
	Feb 2016	650	78	27	626	10.9	8	626	661	1081.82	10162
	Mar 2016	650	68	31	1020	16.6	16	1020	639	1077.87	9835
	Apr 2016	600	80	37	1104	18.6	22	1104	610	1072.28	9381
	May 2016	650	60	42	992	16.1	30	992	588	1068.09	9049
	Jun 2016	800	23	50	910	15.3	30	910	578	1066.09	8891
	Jul 2016	1000	64	63	878	14.3	32	878	584	1067.18	8977
	Aug 2016	1050	116	67	795	12.9	30	795	600	1070.44	9235
	Sep 2016	800	97	56	730	12.3	17	730	606	1071.56	9323
	WY 2016	**9000**	**861**	**522**	**9316**		**232**	**9316**			
	Oct 2016	600	52	41	488	7.9	21	488	612	1072.75	9419
	Nov 2016	600	51	41	635	10.7	12	635	610	1072.32	9384
	Dec 2016	800	95	36	567	9.2	8	567	627	1075.62	9651

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

January 2015 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Jan 2014	605	-7	10	552	0	552	9.0	640.94	1643
H	Feb 2014	717	-22	10	658	0	658	11.9	641.96	1670
I	Mar 2014	1090	-12	13	1074	0	1074	17.5	641.61	1661
S	Apr 2014	1134	-21	17	1054	0	1054	17.7	643.13	1702
T	May 2014	1086	-17	22	1023	0	1022	16.6	644.01	1726
O	Jun 2014	959	-19	25	947	0	947	15.9	642.83	1694
R	Jul 2014	943	-10	25	900	0	900	14.6	643.10	1701
I	Aug 2014	735	-6	23	697	0	697	11.3	643.43	1711
C	Sep 2014	686	-6	18	727	0	727	12.2	641.03	1645
	WY 2014	**9759**	**-139**	**198**	**9400**	**0**	**9400**			
A	Oct 2014	472	10	15	642	0	642	10.4	634.40	1470
L	Nov 2014	695	-6	10	629	0	629	10.6	636.32	1520
*	Dec 2014	493	-2	9	445	0	445	7.2	637.75	1558
	Jan 2015	789	-14	10	651	0	651	10.6	642.00	1671
	Feb 2015	642	-10	10	622	0	622	11.2	642.00	1671
	Mar 2015	1013	-15	13	956	0	956	15.5	643.05	1700
	Apr 2015	1165	-17	17	1132	0	1132	19.0	643.00	1699
	May 2015	1044	-13	22	1010	0	1010	16.4	643.00	1699
	Jun 2015	918	-14	25	906	0	906	15.2	642.00	1671
	Jul 2015	907	-10	25	885	0	885	14.4	641.50	1658
	Aug 2015	819	-11	23	786	0	786	12.8	641.50	1658
	Sep 2015	744	-4	18	762	0	762	12.8	640.01	1617
	WY 2015	**9702**	**-107**	**197**	**9425**	**0**	**9425**			
	Oct 2015	451	-2	15	617	0	617	10.0	633.00	1434
	Nov 2015	572	-13	10	498	0	498	8.4	635.00	1486
	Dec 2015	529	-17	9	406	0	406	6.6	638.71	1583
	Jan 2016	710	-14	10	602	0	602	9.8	641.80	1666
	Feb 2016	626	-10	10	606	0	606	10.5	641.80	1666
	Mar 2016	1020	-15	13	957	0	957	15.6	643.05	1700
	Apr 2016	1104	-17	17	1072	0	1072	18.0	643.00	1699
	May 2016	992	-13	22	957	0	957	15.6	643.00	1699
	Jun 2016	910	-14	25	898	0	898	15.1	642.00	1671
	Jul 2016	878	-10	25	856	0	856	13.9	641.50	1658
	Aug 2016	795	-11	23	762	0	762	12.4	641.50	1658
	Sep 2016	730	-4	18	747	0	747	12.6	640.01	1617
	WY 2016	**9316**	**-141**	**197**	**8978**	**0**	**8978**			
	Oct 2016	488	-2	15	655	0	655	10.6	633.00	1434
	Nov 2016	635	-13	10	561	0	561	9.4	635.00	1486
	Dec 2016	567	-17	9	444	0	444	7.2	638.71	1583

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

January 2015 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	Jan 2014	552	13	6	353	5.7	101	84	446.23	547	131	2.1
H	Feb 2014	658	20	8	450	8.1	48	130	448.13	582	162	2.9
I	Mar 2014	1074	-3	9	809	13.1	90	176	447.05	562	260	4.2
S	Apr 2014	1054	24	11	756	12.7	105	178	448.11	582	241	4.0
T	May 2014	1022	-3	13	694	11.3	110	184	448.48	589	115	1.9
O	Jun 2014	947	11	15	713	12.0	95	133	447.90	578	112	4.5
R	Jul 2014	900	18	17	685	11.1	105	93	448.27	585	118	1.9
I	Aug 2014	697	26	17	495	8.1	106	99	448.10	582	100	1.6
C	Sep 2014	727	13	15	474	8.0	102	140	448.17	583	90	1.5
	WY 2014	**9400**	**168**	**140**	**6496**		**1137**	**1685**			**1587**	
A	Oct 2014	642	16	12	432	7.0	105	135	446.41	550	66	1.1
L	Nov 2014	629	9	9	351	5.9	102	147	447.77	576	89	1.5
*	Dec 2014	445	20	7	240	3.9	109	132	446.36	549	98	1.6
	Jan 2015	651	16	6	358	5.8	106	180	447.00	561	130	2.1
	Feb 2015	622	11	8	458	8.3	56	94	447.50	570	161	2.9
	Mar 2015	956	17	9	731	11.9	91	148	446.70	555	205	3.3
	Apr 2015	1132	21	11	816	13.7	105	175	448.70	593	205	3.4
	May 2015	1010	21	13	716	11.7	108	181	448.70	593	113	1.8
	Jun 2015	906	17	16	705	11.8	105	84	448.70	593	111	1.9
	Jul 2015	885	29	17	705	11.5	108	84	448.00	580	119	1.9
	Aug 2015	786	27	17	598	9.7	108	87	447.50	571	100	1.6
	Sep 2015	762	25	15	523	8.8	105	135	447.50	570	89	1.5
	WY 2015	**9425**	**228**	**139**	**6633**		**1207**	**1581**			**1487**	
	Oct 2015	617	25	12	478	7.8	28	117	447.50	571	55	0.9
	Nov 2015	498	31	9	373	6.3	27	114	447.50	571	103	1.7
	Dec 2015	406	23	7	293	4.8	30	114	446.50	552	108	1.7
	Jan 2016	602	16	6	357	5.8	79	172	446.50	552	130	2.1
	Feb 2016	606	11	8	438	7.6	73	92	446.50	552	161	2.8
	Mar 2016	957	17	9	729	11.9	79	145	446.70	555	205	3.3
	Apr 2016	1072	21	11	792	13.3	76	167	448.70	593	205	3.4
	May 2016	957	21	13	701	11.4	79	173	448.70	593	113	1.8
	Jun 2016	898	17	16	686	11.5	76	124	448.70	593	111	1.9
	Jul 2016	856	29	17	703	11.4	79	86	448.00	580	119	1.9
	Aug 2016	762	27	17	605	9.8	79	85	447.50	571	100	1.6
	Sep 2016	747	25	15	549	9.2	76	123	447.50	570	89	1.5
	WY 2016	**8978**	**263**	**139**	**6704**		**779**	**1512**			**1500**	
	Oct 2016	655	25	12	452	7.4	79	130	447.50	571	55	0.9
	Nov 2016	561	31	9	375	6.3	76	127	447.50	571	103	1.7
	Dec 2016	444	23	7	282	4.6	79	114	446.50	552	108	1.7

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

January 2015 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Jan 2014	605	9.8	1108.75	12531	186	465.47	746.0	250.9	43	414.5
H	Feb 2014	717	12.9	1107.94	12456	-75	461.16	1415.0	298.2	81	415.9
I	Mar 2014	1090	17.7	1101.71	11888	-567	457.72	1234.0	451.5	71	414.3
S	Apr 2014	1134	19.1	1094.55	11254	-635	447.66	1146.0	459.8	68	405.6
T	May 2014	1086	17.7	1087.46	10639	-615	440.39	1341.0	431.0	81	397.1
O	Jun 2014	959	16.1	1082.66	10233	-406	437.98	1541.0	372.9	93	388.7
R	Jul 2014	943	15.3	1080.60	10061	-172	434.94	1615.0	363.6	100	385.7
I	Aug 2014	735	12.0	1081.55	10140	79	436.53	1493.0	279.3	94	379.9
C	Sep 2014	686	11.5	1081.33	10121	-18	437.59	1493.0	262.1	94	382.2
	WY 2014	**9759**							**3910.2**		
A	Oct 2014	472	7.7	1082.79	10244	122	442.74	1282.0	180.0	81	381.5
L	Nov 2014	695	11.7	1083.57	10309	65	437.62	1079.0	270.7	68	389.5
*	Dec 2014	493	8.0	1087.79	10667	358	446.86	889.0	189.0	55	383.3
	Jan 2015	789	12.8	1088.97	10768	101	440.81	1018.0	318.9	63	404.2
	Feb 2015	642	11.6	1088.98	10769	1	441.25	844.2	259.3	52	403.9
	Mar 2015	1013	16.5	1085.22	10448	-321	436.27	1242.9	400.4	78	395.4
	Apr 2015	1165	19.6	1079.11	9937	-511	430.58	1284.1	463.8	82	398.2
	May 2015	1044	17.0	1075.00	9601	-336	425.51	1268.1	403.1	82	385.9
	Jun 2015	918	15.4	1072.95	9436	-165	420.88	1533.0	348.0	100	379.2
	Jul 2015	907	14.8	1074.24	9540	104	420.99	1541.0	342.3	100	377.2
	Aug 2015	819	13.3	1074.23	9539	-1	421.79	1542.0	312.8	100	381.8
	Sep 2015	744	12.5	1074.01	9520	-18	422.16	1543.0	282.5	100	379.5
	WY 2015	**9702**							**3770.8**		
	Oct 2015	451	7.3	1075.62	9651	131	429.05	955.9	172.6	62	383.0
	Nov 2015	572	9.6	1075.94	9678	26	432.35	946.2	221.8	61	388.0
	Dec 2015	529	8.6	1079.63	9980	302	430.45	1253.1	199.3	80	376.7
	Jan 2016	710	11.5	1081.07	10100	120	430.78	1259.0	274.0	80	386.1
	Feb 2016	626	10.9	1081.82	10162	62	430.05	1383.0	238.8	88	381.2
	Mar 2016	1020	16.6	1077.87	9835	-327	428.06	1362.0	392.8	88	385.3
	Apr 2016	1104	18.6	1072.28	9381	-454	423.04	1318.0	427.4	87	387.0
	May 2016	992	16.1	1068.09	9049	-333	418.21	1298.0	371.8	87	374.9
	Jun 2016	910	15.3	1066.09	8891	-157	414.06	1487.6	338.9	100	372.4
	Jul 2016	878	14.3	1067.18	8977	86	414.10	1493.5	331.3	100	377.3
	Aug 2016	795	12.9	1070.44	9235	258	416.42	1511.4	298.7	100	375.7
	Sep 2016	730	12.3	1071.56	9323	89	419.07	1517.5	274.2	100	375.9
	WY 2016	**9316**							**3541.8**		
	Oct 2016	488	7.9	1072.75	9419	95	426.40	941.5	187.8	62	384.5
	Nov 2016	635	10.7	1072.32	9384	-34	429.12	932.7	244.7	61	385.2
	Dec 2016	567	9.2	1075.62	9651	267	426.66	1236.4	214.1	80	377.5

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

January 2015 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Jan 2014	552	9.0	640.94	1643	37	139.11	163.2	68.9	64	124.9
H	Feb 2014	658	11.9	641.96	1670	28	138.63	173.4	84.5	68	128.3
I	Mar 2014	1074	17.5	641.61	1661	-10	138.63	252.5	134.6	99	125.3
S	Apr 2014	1054	17.7	643.13	1702	42	141.55	255.0	132.2	100	125.4
T	May 2014	1023	16.6	644.01	1726	24	143.52	255.0	127.7	100	124.9
O	Jun 2014	947	15.9	642.83	1694	-32	141.57	255.0	119.3	100	126.0
R	Jul 2014	900	14.6	643.10	1701	7	143.48	255.0	112.8	100	125.4
I	Aug 2014	697	11.3	643.43	1711	9	143.79	255.0	88.3	100	126.7
C	Sep 2014	727	12.2	641.03	1645	-65	138.41	255.0	91.5	100	126.0
	WY 2014	**9400**							**1175.6**		
A	Oct 2014	642	10.4	634.40	1470	-175	134.93	191.3	72.3	75	112.7
L	Nov 2014	629	10.6	636.32	1520	50	136.47	158.1	74.4	62	118.2
*	Dec 2014	445	7.2	637.75	1558	37	134.54	165.8	52.7	65	118.4
	Jan 2015	651	10.6	642.00	1671	114	135.57	163.2	80.7	64	123.9
	Feb 2015	622	11.2	642.00	1671	0	136.97	186.2	78.1	73	125.6
	Mar 2015	956	15.5	643.05	1700	29	135.54	255.0	119.2	100	124.7
	Apr 2015	1132	19.0	643.00	1699	-2	136.07	255.0	140.5	100	124.1
	May 2015	1010	16.4	643.00	1699	0	136.04	255.0	126.0	100	124.8
	Jun 2015	906	15.2	642.00	1671	-27	135.51	255.0	113.0	100	124.8
	Jul 2015	885	14.4	641.50	1658	-14	134.73	255.0	110.1	100	124.3
	Aug 2015	786	12.8	641.50	1658	0	134.46	255.0	98.0	100	124.6
	Sep 2015	762	12.8	640.01	1617	-40	133.68	255.0	94.5	100	124.0
	WY 2015	**9425**							**1159.4**		
	Oct 2015	617	10.0	633.00	1434	-183	129.77	234.6	74.7	92	121.1
	Nov 2015	498	8.4	635.00	1486	51	127.90	209.1	59.5	82	119.5
	Dec 2015	406	6.6	638.71	1583	97	130.45	224.4	49.9	88	122.8
	Jan 2016	602	9.8	641.80	1666	83	135.97	163.2	75.1	64	124.6
	Feb 2016	606	10.5	641.80	1666	0	137.17	173.4	76.2	68	125.7
	Mar 2016	957	15.6	643.05	1700	34	135.44	255.0	119.2	100	124.6
	Apr 2016	1072	18.0	643.00	1699	-2	136.07	255.0	133.3	100	124.4
	May 2016	957	15.6	643.00	1699	0	136.04	255.0	119.7	100	125.1
	Jun 2016	898	15.1	642.00	1671	-27	135.51	255.0	112.1	100	124.8
	Jul 2016	856	13.9	641.50	1658	-14	134.73	255.0	106.6	100	124.5
	Aug 2016	762	12.4	641.50	1658	0	134.46	255.0	95.0	100	124.8
	Sep 2016	747	12.6	640.01	1617	-40	133.68	255.0	92.7	100	124.1
	WY 2016	**8978**							**1114.0**		
	Oct 2016	655	10.6	633.00	1434	-183	129.77	234.6	79.2	92	120.9
	Nov 2016	561	9.4	635.00	1486	51	127.90	209.1	66.8	82	119.1
	Dec 2016	444	7.2	638.71	1583	97	130.45	224.4	54.4	88	122.5

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

January 2015 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Jan 2014	353	5.7	446.23	547	16	80.02	90.0	24.2	75	68.4
H	Feb 2014	450	8.1	448.13	582	35	82.38	92.4	31.2	77	69.4
I	Mar 2014	809	13.1	447.05	562	-20	77.18	106.8	55.4	89	68.5
S	Apr 2014	756	12.7	448.11	582	20	80.82	120.0	52.3	100	69.1
T	May 2014	694	11.3	448.48	589	7	80.45	106.8	49.2	89	70.8
O	Jun 2014	713	12.0	447.90	578	-11	81.61	120.0	49.8	100	69.8
R	Jul 2014	688	11.1	448.27	585	7	82.46	120.0	47.9	100	69.7
I	Aug 2014	495	8.1	448.10	582	-3	81.82	120.0	35.2	100	71.2
C	Sep 2014	474	8.0	448.17	583	1	82.36	120.0	33.7	100	70.9
	WY 2014	**6498**							**451.6**		
A	Oct 2014	432	7.0	446.41	550	-33	80.56	91.2	30.8	76	71.3
L	Nov 2014	351	5.9	447.77	576	25	81.18	96.0	24.4	80	69.4
*	Dec 2014	240	3.9	446.36	549	-26	81.87	120.0	15.5	100	64.8
	Jan 2015	358	5.8	447.00	561	12	75.31	93.6	23.0	78	64.3
	Feb 2015	458	8.3	447.50	570	9	75.86	93.6	30.2	78	65.8
	Mar 2015	731	11.9	446.70	555	-15	75.02	108.0	48.2	90	65.9
	Apr 2015	816	13.7	448.70	593	38	75.08	120.0	53.9	100	66.1
	May 2015	716	11.7	448.70	593	0	76.05	120.0	47.7	100	66.5
	Jun 2015	705	11.8	448.70	593	0	76.05	120.0	46.9	100	66.6
	Jul 2015	705	11.5	448.00	580	-13	75.71	120.0	46.7	100	66.2
	Aug 2015	598	9.7	447.50	571	-9	75.13	120.0	39.2	100	65.5
	Sep 2015	523	8.8	447.50	570	0	74.89	120.0	34.0	100	65.0
	WY 2015	**6633**							**440.4**		
	Oct 2015	478	7.8	447.50	571	0	76.04	94.8	31.5	79	65.8
	Nov 2015	373	6.3	447.50	571	0	75.69	102.0	24.2	85	64.7
	Dec 2015	293	4.8	446.50	552	-19	74.40	120.0	18.4	100	62.7
	Jan 2016	357	5.8	446.50	552	0	75.01	96.0	22.8	80	64.1
	Feb 2016	438	7.6	446.50	552	0	75.13	93.6	28.5	78	65.1
	Mar 2016	729	11.9	446.70	555	4	74.01	120.0	47.4	100	65.0
	Apr 2016	792	13.3	448.70	593	38	75.08	120.0	52.3	100	66.0
	May 2016	701	11.4	448.70	593	0	76.05	120.0	46.6	100	66.5
	Jun 2016	686	11.5	448.70	593	0	76.05	120.0	45.6	100	66.5
	Jul 2016	703	11.4	448.00	580	-13	75.71	120.0	46.6	100	66.2
	Aug 2016	605	9.8	447.50	571	-9	75.13	120.0	39.6	100	65.5
	Sep 2016	549	9.2	447.50	570	0	74.89	120.0	35.8	100	65.2
	WY 2016	**6704**							**439.1**		
	Oct 2016	452	7.4	447.50	571	0	75.69	102.0	29.5	85	65.3
	Nov 2016	375	6.3	447.50	571	0	75.69	102.0	24.3	85	64.8
	Dec 2016	282	4.6	446.50	552	-19	75.20	102.0	17.8	85	63.1

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

January 2015 24-Month Study

Most Probable Inflow*

Upper Basin Power

	Date	Glen Canyon 1000 MWHR	Flaming Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Reservoir 1000 MWHR	Fontenelle Reservoir 1000 MWHR
*	Jan 2014	337	19	3	0	0	4
H	Feb 2014	247	17	3	4	0	4
I	Mar 2014	207	19	6	8	4	4
	Winter 2014	**1477**	**110**	**30**	**28**	**17**	**22**
S	Apr 2014	206	19	7	13	9	5
T	May 2014	204	20	19	32	17	6
O	Jun 2014	260	80	54	103	21	7
R	Jul 2014	354	41	35	29	22	8
I	Aug 2014	353	48	31	37	21	9
C	Sep 2014	266	46	23	29	16	2
	Summer 2014	**1643**	**255**	**169**	**243**	**106**	**37**
A	Oct 2014	264	36	18	17	14	7
L	Nov 2014	281	30	7	7	4	6
*	Dec 2014	377	43	15	19	11	6
	Jan 2015	336	45	17	22	11	7
	Feb 2015	234	41	14	19	10	6
	Mar 2015	252	50	14	19	10	7
	Winter 2015	**1745**	**246**	**86**	**104**	**60**	**39**
	Apr 2015	232	49	14	22	13	6
	May 2015	275	62	38	55	23	7
	Jun 2015	322	73	23	34	22	8
	Jul 2015	427	37	38	45	23	10
	Aug 2015	324	37	38	46	23	9
	Sep 2015	283	36	35	42	21	3
	Summer 2015	**1863**	**295**	**186**	**243**	**126**	**43**
	Oct 2015	240	37	24	29	15	6
	Nov 2015	240	36	15	19	10	6
	Dec 2015	318	37	24	30	15	6
	Jan 2016	316	37	21	27	14	6
	Feb 2016	256	35	15	19	10	5
	Mar 2016	255	37	9	13	7	5
	Winter 2016	**1626**	**219**	**108**	**137**	**71**	**33**
	Apr 2016	236	42	12	19	11	6
	May 2016	260	69	34	51	23	7
	Jun 2016	328	39	23	35	22	8
	Jul 2016	415	41	35	43	23	8
	Aug 2016	433	41	38	45	23	9
	Sep 2016	328	39	36	43	22	7
	Summer 2016	**1999**	**271**	**179**	**236**	**125**	**45**
	Oct 2016	245	41	22	27	14	6
	Nov 2016	244	39	14	18	9	6
	Dec 2016	325	40	23	29	15	6

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

January 2015 24-Month Study

Most Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions

Date	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Total KAF	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****EFFECTIVE SPACE****										
Jan 2015	567	255	605	12785	14212	16710	30922	567	255	605	1427	12785	16710	30922	5350	789	0	29.4
Jan 2015	567	255	605	12785	14212	16710	30922	226	249	240	715	12785	16710	30210	5350	789	0	29.4
Feb 2015	641	285	613	13174	14713	16609	31322	299	281	247	827	13174	16609	30610	1500	642	0	29.2
Mar 2015	703	310	615	13313	14942	16608	31551	360	308	249	916	13313	16608	30838	1500	1013	0	28.8
Apr 2015	741	320	599	13375	15035	16929	31964	393	319	226	938	13375	16929	31243	1500	1165	0	28.6
May 2015	751	289	567	13189	14796	17440	32236	397	289	173	859	13189	17440	31489	1500	1044	0	29.6
Jun 2015	672	194	495	12080	13441	17776	31216	308	182	65	555	12080	17776	30411	1500	918	0	31.0
Jul 2015	473	16	506	10920	11916	17941	29857	94	-14	24	104	10920	17941	28965	1500	907	0	30.8
								****CREDITABLE SPACE****										
Aug 2015	396	27	538	11139	12101	17837	29938	396	27	538	961	11139	17837	29938	1500	819	0	30.4
Sep 2015	426	82	569	11441	12519	17838	30357	426	82	569	1078	11441	17838	30357	2270	744	0	30.0
Oct 2015	480	143	576	11691	12891	17857	30747	480	143	576	1200	11691	17857	30747	3040	451	0	29.7
Nov 2015	530	177	570	11782	13059	17726	30785	530	177	570	1277	11782	17726	30785	3810	572	0	29.6
Dec 2015	580	194	569	11900	13242	17699	30941	580	194	569	1342	11900	17699	30941	4580	529	0	29.6
Jan 2016	648	248	571	12219	13685	17397	31082	648	248	571	1467	12219	17397	31082	5350	710	0	29.3
								****EFFECTIVE SPACE****										
Jan 2016	648	248	571	12219	13685	17397	31082	345	248	452	1045	12219	17397	30661	5350	710	0	29.3
Feb 2016	710	295	575	12531	14112	17277	31389	406	295	456	1157	12531	17277	30966	1500	626	0	29.2
Mar 2016	763	322	569	12713	14367	17215	31581	456	322	449	1227	12713	17215	31155	1500	1020	0	28.9
Apr 2016	766	317	513	12776	14372	17542	31914	455	317	387	1159	12776	17542	31477	1500	1104	0	28.8
May 2016	753	285	422	12532	13992	17996	31988	437	285	273	995	12532	17996	31523	1500	992	0	30.0
Jun 2016	707	195	303	11265	12471	18328	30799	382	189	118	689	11265	18328	30283	1500	910	0	31.5
Jul 2016	444	32	289	10032	10796	18486	29282	99	4	50	154	10032	18486	28671	1500	878	0	31.6
								****CREDITABLE SPACE****										
Aug 2016	361	27	296	10085	10769	18400	29169	361	27	296	684	10085	18400	29169	1500	795	0	31.3
Sep 2016	397	77	306	10551	11332	18142	29474	397	77	306	781	10551	18142	29474	2270	730	0	30.9
Oct 2016	461	147	300	10840	11748	18054	29802	461	147	300	908	10840	18054	29802	3040	488	0	30.7
Nov 2016	520	181	285	10889	11875	17958	29834	520	181	285	986	10889	17958	29834	3810	635	0	30.5
Dec 2016	578	197	282	10983	12040	17993	30033	578	197	282	1057	10983	17993	30033	4580	567	0	30.4

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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March 24-Month Study
Date: March 11, 2015

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

Reservoir	February Inflow (unregulated) (acre-feet)	Percent of Average (%)	March 9, Midnight Elevation (feet)	Reservoir Storage (acre-feet)
Fontenelle	46,000	166	6485.89	200,000
Flaming Gorge	63,000	142	6025.97	3,196,000
Blue Mesa	28,000	125	7485.45	546,000
Navajo	29,000	96	6038.80	1,100,000
Powell	423,000	108	3591.98	11,001,000

Expected Operations

The operation of Lake Powell and Lake Mead in this March 2015 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines) and reflects the 2015 Annual Operating Plan (AOP). Pursuant to the Interim Guidelines, the August 2014 24-Month Study projections of the January 1, 2015, system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2015.

Consistent with Section 6.B of the Interim Guidelines, the Lake Powell operational tier for water year 2015 is the Upper Elevation Balancing Tier, with an initial water year release volume of 8.23 maf, and the potential for an April adjustment to equalization or balancing releases for the remainder of the water year. Based on a range of forecasted inflow scenarios, equalization is not likely to occur. If the April 2015 24-Month Study projects Lake Powell's September 30, 2015, elevation to be equal to or greater than 3,575 feet and equal to or less than 3,649 feet, and Lake Mead's elevation to be less than 1,075 feet, Lake Powell's annual release volume would be increased to balance the contents of Lake Mead and Lake Powell up to 9.0 maf. Based on analysis of a range of forecasted inflow scenarios, the current probability of realizing an inflow volume that would trigger balancing releases of up to 9.0 maf in 2015 is approximately 95 percent. This March 2015 24-Month Study projects that, consistent with Section 6.B.4 of the Interim Guidelines, an April 2015 adjustment to balancing releases is likely to occur and Lake Powell is currently projected to release 9.0 maf in water year 2015.

Consistent with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar year 2015.

The Interim Guidelines are available for download at:
http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The 2015 AOP is available for download at:
http://www.usbr.gov/uc/water/rsvrs/ops/aop/AOP15.pdf.

Fontenelle Reservoir – Inflows to Fontenelle Reservoir for the month of February were 46,000 acre-feet (AF), or 166 percent of average. The reservoir elevation is 6486 feet, 58 percent of live capacity. Inflows are averaging 740 cubic feet per second (cfs). Fontenelle releases are currently 1,250 cfs and are expected to begin increasing in anticipation of spring runoff toward the end of March.

Inflows for the next three months are projected to be above average: with March, April, and May forecasted inflow volumes at 55,000 AF (105% of average), and 90,000 AF (105% of average), and 160,000 AF (98 % of average), respectively. The March final forecast of the April-July inflow volume is 710,000 AF (98% of average).

The next Fontenelle Working Group meeting is scheduled for April 15, 2015, at 10:00 am at Seedskadee Wildlife Refuge in Green River, Wyoming. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir.

Flaming Gorge Reservoir – Unregulated inflow into Flaming Gorge Reservoir during the month of February was 63,000 acre-feet (AF), or 141 percent of average. The reservoir elevation is 6,026 feet. Observed inflows are averaging 1,500 cubic feet per second (cfs).

Flaming Gorge releases are currently 2,000 cfs daily release with hourly fluctuations for hydropower. Forecasts have decreased and releases are anticipated to decrease to 1,500 cfs in March and April in order to obtain the May 1 reservoir elevation target of 6,027 feet.

Inflows for the next three months are projected to be below average: with March, April and May forecasted inflow volumes at 95,000 AF (93% of average), 120,000 AF (90% of average), and 210,000 AF (86% of average), respectively.

The next Flaming Gorge Working Group meeting is scheduled for April 30, 2015, at 11:00 a.m. to be held in the Utah Department of Natural Resources building in Vernal, Utah. The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stake holders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations and plans presented by Reclamation at these meetings. Meeting notes from past Working Group meetings are

posted on the Working Group webpage. For more information on this group and these meetings please contact Heather Patno at 801-524-3883.

Aspinall Unit Reservoirs – February unregulated inflow into Blue Mesa Reservoir was 28,000 acre-feet or 125 percent of average. On March 6th the basin snowpack was 84 percent of average, which is a 4 percent decrease from a month earlier. Precipitation during February was 75 percent of average. The current inflow rate into Blue Mesa Reservoir is about 400 cfs while reservoir releases are averaging about 500 cfs. The reservoir elevation is currently at 7464.81 feet, which corresponds to a storage content of about 402,000 acre-feet. This elevation is about 20 feet higher than last year's March elevation.

The latest Water Supply Forecast for Water Year 2015 has been issued and the April through July unregulated inflow is forecasted to be at 600,000 acre-feet (89% of average), this is 20,000 acre-feet lower than last month's forecast. If this forecast holds through May 1st, the Black Canyon Water Right would call for a one day peak flow of 4,492 cfs. Also using this same forecast for the determining the flow recommendations from the Aspinall ROD at Whitewater gage, the peak flow at that point would be 8,070 cfs for 10 days.

Based on this forecast and the combination of meeting the ROD and the Black Canyon Water Right this coming spring, Blue Mesa Reservoir is projected to fill up to about elevation 7509 feet this runoff season. A Blue Mesa "fill" is calculated to be about 7516.4 feet, or about 3.0 feet short of top of active conservation pool.

Releases from Crystal are currently set at 600 cfs. The Gunnison Diversion Tunnel is currently shut down for the season, with the exception of some small 50 to 100 cfs diversions taken for municipal water needs in Montrose, Colorado. The tunnel is expected to reopen for irrigation season sometime between the last week of March and the first week of April.

Reservoir releases are likely to change during March into May as we respond to changing forecasts and runoff conditions.

The next meeting of the "Aspinall Unit Working Group" will be held on Thursday, April 23, 2015 starting at 1:00 PM in Reclamation's Grand Junction Office. At this meeting, review of this winter's reservoir operations, and plans for this spring and summer operations will be discussed. These meetings are open forum discussions on the Aspinall Unit reservoir operations with many interested groups participating. Anyone needing further information about these meetings should contact Erik Knight in the Grand Junction Area Office at (970) 248-0629.

Navajo Reservoir – Reclamation has been releasing 350 cfs from Navajo Reservoir since September 24th, 2014. Releases are made for the authorized purposes of the Navajo Unit, and to attempt to maintain a target base flow through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell). The San Juan River Basin

Recovery Implementation Program recommends a target base flow of between 500 cfs and 1,000 cfs through the critical habitat area. The target base flow is calculated as the weekly average of gaged flows throughout the critical habitat area.

Navajo was at 6038.5 feet of pool elevation and 1,095,936 acre-feet (AF) of storage by the end of February, which was 85% of average for the end of the month. Modified unregulated inflow into Navajo was 28,513 AF, which was 94% of average for the month. Calculated evaporation for the month was 666 AF. The release was reduced to 250 cfs for five days in early February to assist in-stream work by the SJRIP, and was otherwise 350 cfs throughout the rest of February. Navajo Reservoir recorded 1.26 inches of liquid precipitation (135% of average).

As of March 3rd, the release at Navajo (as measured at the USGS at Archuleta gage) was 357 cfs, and the observed inflow is 752 cfs. The reservoir elevation is 6038.57 feet and the content is 1,097,433 AF, or 65% full (42% of Active). The San Juan River at Four Corners USGS gage is at 1,190 cfs (last reading March 2nd), and the Animas River at Farmington USGS gage is at 379 cfs. Snotel sites above Navajo improved drastically from the last two storms and are showing 12.6 inches of SWE (81% of median on this date).

The most probable modified-unregulated inflow forecast for March at Navajo is 54,000 AF (58% of average), for April is 92,000 AF (54% of average), and for May is 195,000 acre-feet (70% of average). The April-July modified unregulated inflow forecasts are as follows:

Min Probable: 215,000 AF (29% of average, an increase of 85,000 AF from the mid-February forecast)
Most Probable: 415,000 AF (56% of average, an increase of 85,000 AF from the mid-February forecast)
Max Probable: 650,000 AF (88% of average, an increase of 100,000 AF from the mid-February forecast)

Navajo Operations for 2015 were discussed at a workshop in February with the SJRIP and modifications to the forecast operations have been made based on this discussion. Under all three forecast probabilities, no spring peak release is expected in 2015. The most probable forecast shows the reservoir will reach a minimum overwinter storage level of 6047 feet (1,190,000 AF) in February 2016.

Glen Canyon Dam / Lake Powell

Current Status
The unregulated inflow volume to Lake Powell in February was 424 thousand acre-feet (kaf) (108% of average). The release volume from Glen Canyon Dam in February was 589 kaf. The end of February elevation and storage of Lake Powell were 3,592.2 feet (108 feet from full pool) and 11.02 million acre-feet (maf) (45% of full capacity),

respectively. The reservoir elevation is now declining and is expected to continue to decline until runoff in late spring.

Current Operations

The operating tier for water year 2015 was established in August 2014 as the Upper Elevation Balancing Tier. In the Upper Elevation Balancing Tier the initial water year release volume is 8.23 maf; however, there is the possibility for an April adjustment to equalization or balancing operations to govern for the remainder of the water year. Under the minimum, most, and maximum probable inflow scenarios an April adjustment to balancing releases is projected to occur and Lake Powell is currently projected to release 9.0 maf in water year 2015. The minimum and maximum release projections, last updated in January, will be updated again in April. Reclamation will schedule operations at Glen Canyon Dam to achieve as practicably as possible the appropriate total annual release volume by September 30, 2015.

In March, the release volume will be approximately 650 kaf, with fluctuations anticipated between about 7,500 cfs in the nighttime to about 13,500 cfs in the daytime and consistent with the Glen Canyon Operating Criteria (Federal Register, Volume 62, No. 41, March 3, 1997). The anticipated release volume for April and May are 600 kaf and 700 kaf, respectively.

In addition to daily scheduled fluctuations for power generation, the instantaneous releases from Glen Canyon Dam may also fluctuate to provide 40 MW of system regulation. These instantaneous release adjustments stabilize the electrical generation and transmission system and translate to a range of about 1,200 cfs above or below the hourly scheduled release rate. Under system normal conditions, fluctuations for regulation are typically short lived and generally balance out over the hour with minimal or no noticeable impacts on downstream river flow conditions.

Releases from Glen Canyon Dam can also fluctuate beyond scheduled releases when called upon to respond to unscheduled power outages or power system emergencies. Depending on the severity of the system emergency, the response from Glen Canyon Dam can be significant, within the full range of the operating capacity of the power plant for as long as is necessary to maintain balance in the transmission system. Glen Canyon Dam typically maintains 27MW (approximately 800 cfs) of generation capacity in reserve in order to respond to a system emergency even when generation rates are already high. System emergencies occur fairly infrequently and typically require small responses from Glen Canyon Dam. However, these responses can have a noticeable impact on the river downstream of Glen Canyon Dam.

Inflow Forecasts and Model Projections

The April to July 2015 water supply forecast for unregulated inflow to Lake Powell, issued on March 3, 2015, by the Colorado Basin River Forecast Center, projects that the most probable (median) unregulated inflow volume will be 5.1 maf (71% of average based on the period 1981-2010). The forecast decreased by 0.1 kaf since last month. At this early point in the season, there is still significant uncertainty regarding this year's

water supply. The forecast ranges from a minimum probable of 3.47 maf (48% of average) to a maximum probable of 7.20 maf (101% of average). There is 10% chance that inflows could be higher than the maximum probable and a 10% chance they could be lower than the minimum probable.

As determined in the August 2014 24-Month Study, and documented in the 2015 Annual Operating Plan, Lake Powell's operations in water year 2015 will be governed by the Upper Elevation Balancing Tier. In this tier, the initial water year release volume is 8.23 maf, however, there is the potential for an April adjustment to equalization or balancing releases in April 2015. If the April 2015 24-Month Study projects Lake Powell's September 30, 2015, elevation to be greater than 3,649 feet, the Equalization Tier would govern Lake Powell's operations for the remainder of water year 2015 and releases could be approximately 10.8 maf or greater. Based on analysis of a range of forecasted inflow scenarios, equalization in 2015 is not projected to occur. If the April 2015 24-Month Study projects Lake Powell's September 30, 2015, elevation to be between 3,575 feet and 3,649 feet, and Lake Mead's elevation to be less than 1,075 feet, Lake Powell's annual release volume would be increased to balance the contents of Lake Mead and Lake Powell up to 9.0 maf. Based on analysis of a range of forecasted inflow scenarios, the current probability of realizing an inflow volume that would trigger balancing releases of up to 9.0 maf in 2015 is approximately 95 percent. This March 2015 24-Month Study projects that an April adjustment to balancing releases is likely to occur and Lake Powell is currently projected to release 9.0 maf in water year 2015.

Based on the current forecast, the March 24-Month Study projects Lake Powell elevation will end water year 2015 near 3,596 feet with approximately 11.38 maf in storage (47% capacity). Note that projections of elevation and storage have significant uncertainty at this early point in the season, primarily due to uncertainty regarding this season's final snowpack and the resulting inflow to Lake Powell. Under the minimum probable inflow scenario, last updated in January, the projected end of water year elevation and storage are 3589 feet and 10.73 maf (44% capacity), respectively. Under the maximum probable inflow scenario, last updated in January, the projected end of water year elevation and storage are 3639 feet and 15.94 maf (66% capacity), respectively. The annual release volume from Lake Powell during water year 2015 is projected to be 9.0 maf under all three inflow scenarios. However, there is a 10% chance that inflows will be higher, potentially resulting in higher releases; and 10% chance that inflows will be lower, potentially resulting in lower releases. If inflows are less than the current forecasted minimum probable inflow, the water year 2015 annual release could be as low as 8.23 maf. If inflows are greater than the current forecasted maximum probable inflow, the annual release could be 10.8 maf or greater. Modeling of projected reservoir operations based on the minimum and maximum scenarios will be updated again in April.

Upper Colorado River Basin Hydrology

The Upper Colorado River Basin regularly experiences significant year to year hydrologic variability. During the 15-year period 2000 to 2014, however, the unregulated inflow to Lake Powell, which is a good measure of hydrologic conditions in the Colorado River Basin, was above average in only 3 out of the past 15 years. The

period 2000-2014 is the lowest 15-year period since the closure of Glen Canyon Dam in 1963, with an average unregulated inflow of 8.39 maf, or 78% of the 30-year average (1981-2010). (For comparison, the 1981-2010 total water year average is 10.83 maf.) The unregulated inflow during the 2000-2014 period has ranged from a low of 2.64 maf (24% of average) in water year 2002 to a high of 15.97 maf (147% of average) in water year 2011. The water year 2014 unregulated inflow volume to Lake Powell was 10.381 maf (96% of average), which, though still below average, was significantly higher than inflows observed in 2012 and 2013 (45% and 47% of average, respectively). Under the current most probable forecast, total water year 2015 unregulated inflows to Lake Powell is projected to be 8.61 maf (79% of average).

At the beginning of water year 2015, total system storage in the Colorado River Basin was 30.0 maf (50% of 59.6 maf total system capacity). This is nearly the same as the total storage at the beginning of water year 2014 which began at 29.9 maf (50% of capacity). Since the beginning of water year 2000, total Colorado Basin storage has experienced year to year increases and decreases in response to wet and dry hydrology, ranging from a high of 94% of capacity at the beginning of 2000 to a low of 50% of capacity at the beginning of water year 2014. One wet year can significantly increase total system reservoir storage, just as persistent dry years can draw down the system storage. Based on current inflow forecasts, the current projected end of water year 2015 total Colorado Basin reservoir storage is approximately 28.7 maf (48% of capacity). The actual end of water year storage may vary from this projection, primarily due to uncertainty regarding this season's final snowpack and resulting runoff. Based on January minimum and maximum probable inflow forecasts and modeling the range is approximately 27.5 maf (46%) to 33.6 maf (56%), respectively.

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-430
125 SOUTH STATE STREET, ROOM 6107
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-3709

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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:	Obs			feb	Forecast		Outlook		
:	nov	dec	jan	feb	%Avg	mar	apr	may	apr-jul	%Avg
GLDA3:Lake Powell	423	409	348	423	108%:	530/	700/	1650/	5100/:	71%
GBRW4:Fontenelle	53	51	46	46	166%:	55/	90/	160/	710/:	98%
GRNU1:Flaming Gorge	65	53	67	63	142%:	95/	120/	210/	825/:	84%
BMDC2:Blue Mesa	37	34	30	28	125%:	36/	71/	208/	600/:	89%
MPSC2:Morrow Point	38	35	30	29	117%:	40/	80/	225/	650/:	88%
CLSC2:Crystal	43	39	35	34	118%:	46/	91/	255/	730/:	87%
TPIC2:Taylor Park	6.6	5.8	5.5	4.2	111%:	4.2/	8/	28/	90/:	91%
VCRC2:Vallecito	9.8	6.2	6.3	6.7	141%:	9/	18/	62/	150/:	77%
NVRN5:Navajo	28	18.6	23	29	96%:	54/	92/	195/	415/:	56%
LEMC2:Lemon	1.74	1.07	0.97	1.10	144%:	1.5/	3/	17/	38/:	69%
MPHC2:McPhee	4.3	3.3	3.9	3.7	74%:	12/	50/	112/	230/:	78%
RBSC2:Ridgway	5.8	4.8	4.2	3.8	106%:	5.5/	10/	26/	91/:	90%

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 2015 24-Month Study

Most Probable Inflow*

Fontenelle Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Mar 2014	56	0	71	0	71	6470.70	121
H	Apr 2014	101	1	83	1	84	6474.33	138
I	May 2014	272	1	96	126	222	6483.58	186
S	Jun 2014	427	2	104	254	364	6492.90	247
T	Jul 2014	220	3	90	1	117	6506.25	347
O	Aug 2014	98	2	100	1	108	6504.71	335
R	Sep 2014	69	2	21	66	87	6502.07	314
	WY 2014	**1424**	**15**	**811**	**478**	**1328**		
I	Oct 2014	85	1	80	10	90	6501.37	309
C	Nov 2014	53	1	69	1	69	6499.16	292
A	Dec 2014	51	1	77	0	77	6495.49	265
L	Jan 2015	46	1	77	0	77	6490.98	234
*	Feb 2015	46	1	69	1	69	6487.37	210
	Mar 2015	55	1	77	0	77	6483.79	189
	Apr 2015	90	1	99	2	101	6481.73	177
	May 2015	160	1	102	46	148	6483.62	188
	Jun 2015	305	2	103	87	190	6500.12	300
	Jul 2015	155	3	101	9	110	6505.54	342
	Aug 2015	70	2	92	0	92	6502.43	317
	Sep 2015	47	2	36	30	67	6499.58	296
	WY 2015	**1164**	**16**	**982**	**186**	**1167**		
	Oct 2015	49	1	69	0	69	6496.73	275
	Nov 2015	42	1	67	0	67	6493.18	250
	Dec 2015	32	1	69	0	69	6487.49	212
	Jan 2016	30	1	69	0	69	6480.98	172
	Feb 2016	28	1	65	0	65	6473.53	135
	Mar 2016	53	0	69	0	69	6469.67	118
	Apr 2016	85	1	89	0	89	6468.61	113
	May 2016	164	1	98	10	108	6480.27	168
	Jun 2016	299	2	101	104	205	6494.75	261
	Jul 2016	178	3	92	0	92	6505.70	343
	Aug 2016	77	2	92	0	92	6503.42	325
	Sep 2016	46	2	71	0	71	6499.89	298
	WY 2016	**1083**	**15**	**952**	**113**	**1066**		
	Oct 2016	49	1	71	0	71	6496.73	275
	Nov 2016	42	1	68	0	68	6492.91	248
	Dec 2016	32	1	71	0	71	6486.97	208
	Jan 2017	30	1	71	0	71	6480.11	167
	Feb 2017	28	0	64	0	64	6472.64	131

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 2015 24-Month Study

Most Probable Inflow*

Flaming Gorge Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	Mar 2014	86	100	3	49	1	50	117	6018.21	2917	123
H	Apr 2014	128	111	5	50	0	50	120	6019.75	2971	306
I	May 2014	333	283	8	53	0	53	128	6025.67	3185	594
S	Jun 2014	472	409	10	208	85	293	132	6028.39	3287	775
T	Jul 2014	226	123	13	105	0	105	132	6028.51	3292	208
O	Aug 2014	126	136	13	122	0	122	132	6028.53	3293	190
R	Sep 2014	99	118	11	116	0	116	132	6028.31	3284	170
	WY 2014	**1689**	**1594**	**77**	**945**	**86**	**1032**				**2799**
I	Oct 2014	108	112	7	92	0	92	133	6028.64	3297	159
C	Nov 2014	65	81	4	77	0	77	133	6028.63	3296	134
A	Dec 2014	53	79	2	113	0	113	131	6027.71	3262	164
L	Jan 2015	67	98	2	124	0	124	130	6026.99	3234	178
*	Feb 2015	63	86	2	113	0	113	129	6026.25	3207	168
	Mar 2015	95	117	3	123	0	123	129	6026.01	3198	178
	Apr 2015	120	131	5	119	0	119	129	6026.20	3205	279
	May 2015	210	198	8	159	0	159	130	6026.98	3234	539
	Jun 2015	335	220	10	165	0	165	132	6028.12	3277	490
	Jul 2015	160	115	13	98	0	98	132	6028.20	3280	158
	Aug 2015	74	96	13	98	0	98	131	6027.83	3266	114
	Sep 2015	51	71	11	95	0	95	130	6026.93	3232	106
	WY 2015	**1401**	**1404**	**80**	**1378**	**0**	**1378**				**2670**
	Oct 2015	56	76	7	98	0	98	129	6026.17	3204	122
	Nov 2015	50	74	3	95	0	95	128	6025.54	3180	122
	Dec 2015	35	72	2	98	0	98	127	6024.81	3153	124
	Jan 2016	40	79	2	98	0	98	126	6024.26	3133	123
	Feb 2016	45	82	2	92	0	92	126	6023.94	3121	120
	Mar 2016	102	119	3	98	0	98	126	6024.40	3138	175
	Apr 2016	134	137	5	112	0	112	127	6024.92	3157	328
	May 2016	245	189	8	189	0	189	127	6024.73	3150	721
	Jun 2016	390	295	10	104	0	104	134	6029.35	3324	524
	Jul 2016	210	125	14	108	0	108	134	6029.44	3328	208
	Aug 2016	89	104	13	108	0	108	133	6029.04	3312	133
	Sep 2016	55	80	11	104	0	104	132	6028.17	3279	123
	WY 2016	**1450**	**1433**	**79**	**1306**	**0**	**1306**				**2822**
	Oct 2016	59	81	7	108	0	108	131	6027.31	3246	140
	Nov 2016	51	77	3	104	0	104	129	6026.54	3217	136
	Dec 2016	35	74	2	108	0	108	128	6025.62	3183	133
	Jan 2017	40	81	2	108	0	108	127	6024.87	3156	133
	Feb 2017	45	81	2	97	0	97	126	6024.39	3138	125

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 2015 24-Month Study

Most Probable Inflow*

Taylor Park Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Mar 2014	5	5	9310.72	71
H	Apr 2014	12	13	9310.23	70
I	May 2014	31	27	9312.59	74
S	Jun 2014	49	28	9324.29	95
T	Jul 2014	19	25	9320.83	88
O	Aug 2014	12	19	9316.50	81
R	Sep 2014	10	14	9314.21	77
	WY 2014	**161**	**154**		
I	Oct 2014	10	8	9315.40	79
C	Nov 2014	7	6	9315.85	80
A	Dec 2014	6	6	9315.74	79
L	Jan 2015	6	6	9315.48	79
*	Feb 2015	4	5	9314.94	78
	Mar 2015	4	6	9313.76	76
	Apr 2015	8	10	9312.55	74
	May 2015	28	20	9317.25	82
	Jun 2015	39	22	9326.40	99
	Jul 2015	15	22	9322.75	92
	Aug 2015	10	22	9316.10	80
	Sep 2015	7	16	9310.71	71
	WY 2015	**143**	**149**		
	Oct 2015	6	8	9309.73	69
	Nov 2015	5	6	9309.11	68
	Dec 2015	5	6	9308.26	67
	Jan 2016	4	6	9307.19	66
	Feb 2016	4	6	9305.73	63
	Mar 2016	4	6	9304.68	62
	Apr 2016	9	6	9306.53	65
	May 2016	28	14	9315.39	79
	Jun 2016	42	20	9327.16	101
	Jul 2016	20	22	9326.21	99
	Aug 2016	10	22	9320.01	87
	Sep 2016	7	18	9313.94	76
	WY 2016	**145**	**140**		
	Oct 2016	7	12	9310.68	71
	Nov 2016	5	6	9310.13	70
	Dec 2016	5	6	9309.29	69
	Jan 2017	4	6	9308.24	67
	Feb 2017	4	6	9306.80	65

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 2015 24-Month Study

Most Probable Inflow*

Blue Mesa Reservoir

	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Mar 2014	32	33	0	23	0	23	7465.76	408
H	Apr 2014	129	130	1	28	0	28	7480.43	509
I	May 2014	242	240	1	69	3	72	7501.73	676
S	Jun 2014	361	338	1	185	142	353	7499.76	659
T	Jul 2014	117	123	1	118	0	118	7500.15	663
O	Aug 2014	64	72	1	104	0	104	7496.00	629
R	Sep 2014	48	52	1	81	0	81	7492.28	599
	WY 2014	**1145**	**1138**	**8**	**708**	**145**	**879**		
I	Oct 2014	55	53	1	64	0	64	7490.77	587
C	Nov 2014	37	36	0	27	0	27	7491.85	596
A	Dec 2014	34	34	0	55	0	55	7489.11	574
L	Jan 2015	30	30	0	58	0	58	7485.48	547
*	Feb 2015	28	29	0	29	0	29	7485.47	547
	Mar 2015	36	38	0	36	0	36	7485.68	548
	Apr 2015	71	73	1	46	0	46	7489.11	574
	May 2015	208	200	1	190	0	190	7490.27	583
	Jun 2015	234	217	1	57	0	57	7509.56	742
	Jul 2015	87	94	2	88	0	88	7510.08	747
	Aug 2015	50	62	1	112	0	112	7504.09	695
	Sep 2015	40	49	1	110	0	110	7496.57	633
	WY 2015	**909**	**914**	**9**	**872**	**0**	**872**		
	Oct 2015	40	41	1	55	0	55	7494.78	619
	Nov 2015	32	33	0	26	0	26	7495.58	625
	Dec 2015	26	27	0	71	0	71	7490.00	581
	Jan 2016	24	26	0	61	0	61	7485.41	546
	Feb 2016	22	25	0	51	0	51	7481.84	520
	Mar 2016	36	38	0	43	0	43	7481.05	514
	Apr 2016	77	74	1	42	0	42	7485.30	545
	May 2016	221	207	1	150	0	150	7492.52	601
	Jun 2016	261	239	1	60	0	60	7513.77	779
	Jul 2016	117	119	2	94	0	94	7516.40	803
	Aug 2016	63	75	1	122	0	122	7510.99	754
	Sep 2016	38	49	1	116	0	116	7502.99	686
	WY 2016	**957**	**952**	**9**	**890**	**0**	**890**		
	Oct 2016	38	44	1	77	0	77	7498.89	652
	Nov 2016	31	32	0	47	0	47	7497.01	637
	Dec 2016	26	27	0	82	0	82	7490.00	581
	Jan 2017	24	26	0	73	0	73	7483.81	534
	Feb 2017	22	25	0	50	0	50	7480.35	509

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 2015 24-Month Study

Most Probable Inflow*

Morrow Point Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Mar 2014	33	23	1	24	25	0	25	7146.76	107
H	Apr 2014	143	28	13	41	42	0	42	7146.13	106
I	May 2014	268	72	26	98	93	0	93	7152.55	111
S	Jun 2014	379	353	18	372	295	63	382	7138.91	101
T	Jul 2014	120	118	3	122	82	8	110	7153.91	112
O	Aug 2014	64	104	1	105	104	0	104	7154.40	113
R	Sep 2014	49	81	1	82	82	0	82	7153.75	112
	WY 2014	**1215**	**879**	**70**	**949**	**782**	**73**	**949**		
I	Oct 2014	56	64	1	65	49	0	68	7149.96	109
C	Nov 2014	38	27	2	29	23	0	26	7154.03	112
A	Dec 2014	35	55	1	56	56	0	56	7153.68	112
L	Jan 2015	30	58	1	58	60	0	60	7152.01	111
*	Feb 2015	29	29	1	30	31	0	31	7151.25	110
	Mar 2015	40	36	4	40	38	0	38	7153.73	112
	Apr 2015	80	46	9	55	55	0	55	7153.73	112
	May 2015	225	190	17	207	207	0	207	7153.73	112
	Jun 2015	255	57	21	78	78	0	78	7153.73	112
	Jul 2015	90	88	3	91	91	0	91	7153.73	112
	Aug 2015	54	112	4	116	116	0	116	7153.73	112
	Sep 2015	43	110	3	113	113	0	113	7153.73	112
	WY 2015	**975**	**872**	**67**	**938**	**916**	**0**	**938**		
	Oct 2015	42	55	3	58	58	0	58	7153.73	112
	Nov 2015	34	26	2	28	28	0	28	7153.73	112
	Dec 2015	28	71	2	73	73	0	73	7153.73	112
	Jan 2016	27	61	2	63	63	0	63	7153.73	112
	Feb 2016	25	51	3	54	54	0	54	7153.73	112
	Mar 2016	40	43	4	47	47	0	47	7153.73	112
	Apr 2016	88	42	11	53	53	0	53	7153.73	112
	May 2016	247	150	26	176	176	0	176	7153.73	112
	Jun 2016	281	60	20	80	80	0	80	7153.73	112
	Jul 2016	123	94	6	100	100	0	100	7153.73	112
	Aug 2016	67	122	3	125	125	0	125	7153.73	112
	Sep 2016	41	116	3	119	119	0	119	7153.73	112
	WY 2016	**1043**	**890**	**85**	**976**	**976**	**0**	**976**		
	Oct 2016	41	77	3	80	80	0	80	7153.73	112
	Nov 2016	33	47	2	49	49	0	49	7153.73	112
	Dec 2016	28	82	2	85	85	0	85	7153.73	112
	Jan 2017	27	73	2	75	75	0	75	7153.73	112
	Feb 2017	25	50	3	53	53	0	53	7153.73	112

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 2015 24-Month Study

Most Probable Inflow*

Crystal Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
*	Mar 2014	39	25	6	31	30	0	31	6744.65	15	1	30
H	Apr 2014	154	42	11	53	53	0	53	6743.26	14	28	26
I	May 2014	297	93	29	122	88	22	118	6758.88	19	52	69
S	Jun 2014	414	382	35	417	108	126	419	6751.56	17	61	378
T	Jul 2014	130	110	10	120	119	2	120	6749.06	16	67	59
O	Aug 2014	69	104	4	109	108	0	108	6749.65	16	65	48
R	Sep 2014	53	82	4	86	84	3	87	6747.57	15	62	26
	WY 2014	**1337**	**949**	**123**	**1071**	**690**	**187**	**1071**			**374**	**738**
I	Oct 2014	61	68	5	73	74	0	74	6745.88	15	48	27
C	Nov 2014	43	26	5	30	29	0	30	6748.06	16	0	29
A	Dec 2014	39	56	5	61	61	0	61	6746.42	15	1	60
L	Jan 2015	35	60	5	64	55	9	64	6746.05	15	1	64
*	Feb 2015	34	31	4	35	11	22	33	6751.96	17	0	34
	Mar 2015	46	38	6	44	44	0	44	6753.04	17	5	39
	Apr 2015	91	55	11	66	66	0	66	6753.04	17	30	36
	May 2015	255	207	30	237	134	103	237	6753.04	17	55	182
	Jun 2015	285	78	30	108	108	0	108	6753.04	17	60	48
	Jul 2015	99	91	9	100	100	0	100	6753.04	17	65	35
	Aug 2015	59	116	5	121	121	0	121	6753.04	17	65	56
	Sep 2015	49	113	6	119	119	0	119	6753.04	17	55	64
	WY 2015	**1096**	**938**	**121**	**1059**	**923**	**134**	**1057**			**385**	**673**
	Oct 2015	48	58	6	64	64	0	64	6753.04	17	30	34
	Nov 2015	39	28	5	33	33	0	33	6753.04	17	0	33
	Dec 2015	32	73	5	78	78	0	78	6753.04	17	0	78
	Jan 2016	31	63	5	68	68	0	68	6753.04	17	0	68
	Feb 2016	29	54	4	57	57	0	57	6753.04	17	0	57
	Mar 2016	46	47	6	53	53	0	53	6753.04	17	5	48
	Apr 2016	101	53	12	66	66	0	66	6753.04	17	30	36
	May 2016	281	176	34	210	134	76	210	6753.04	17	55	155
	Jun 2016	315	80	34	114	114	0	114	6753.04	17	60	54
	Jul 2016	138	100	14	114	114	0	114	6753.04	17	65	49
	Aug 2016	75	125	8	134	134	0	134	6753.04	17	65	69
	Sep 2016	47	119	6	125	125	0	125	6753.04	17	55	70
	WY 2016	**1182**	**976**	**140**	**1115**	**1039**	**76**	**1115**			**365**	**750**
	Oct 2016	47	80	6	86	86	0	86	6753.04	17	30	56
	Nov 2016	38	49	5	54	54	0	54	6753.04	17	0	54
	Dec 2016	32	85	5	89	89	0	89	6753.04	17	0	89
	Jan 2017	31	75	5	80	80	0	80	6753.04	17	0	80
	Feb 2017	29	53	4	56	56	0	56	6753.04	17	0	56

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Managing Water in the West

March 2015 24-Month Study

Most Probable Inflow*

Vallecito Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Mar 2014	7	11	7653.05	94
H	Apr 2014	28	16	7657.59	106
I	May 2014	59	43	7663.60	122
S	Jun 2014	47	50	7662.12	118
T	Jul 2014	15	38	7653.12	95
O	Aug 2014	14	32	7645.08	75
R	Sep 2014	22	28	7642.43	70
	WY 2014	**238**	**229**		
I	Oct 2014	23	5	7650.16	87
C	Nov 2014	10	3	7652.74	94
A	Dec 2014	6	4	7653.53	96
L	Jan 2015	6	5	7654.18	97
*	Feb 2015	7	4	7655.19	100
	Mar 2015	9	3	7657.53	106
	Apr 2015	18	1	7663.69	122
	May 2015	62	58	7664.99	125
	Jun 2015	52	54	7663.97	123
	Jul 2015	18	42	7654.70	99
	Aug 2015	16	38	7645.43	76
	Sep 2015	14	30	7638.11	60
	WY 2015	**241**	**247**		
	Oct 2015	14	17	7636.23	56
	Nov 2015	8	1	7639.45	63
	Dec 2015	6	2	7641.65	68
	Jan 2016	5	2	7643.37	72
	Feb 2016	5	1	7644.80	75
	Mar 2016	9	2	7647.78	82
	Apr 2016	23	1	7656.56	103
	May 2016	71	50	7664.60	124
	Jun 2016	70	70	7664.55	124
	Jul 2016	29	41	7659.64	111
	Aug 2016	20	38	7652.40	93
	Sep 2016	17	29	7647.34	81
	WY 2016	**278**	**254**		
	Oct 2016	16	16	7646.91	80
	Nov 2016	9	1	7649.95	87
	Dec 2016	6	2	7651.90	92
	Jan 2017	5	2	7653.43	95
	Feb 2017	5	1	7654.73	99

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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March 2015 24-Month Study

Most Probable Inflow*

Navajo Reservoir

	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azetea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Farmington Flow (1000 Ac-Ft)
*	Mar 2014	52	2	53	1	4	18	6028.76	996	41
H	Apr 2014	123	14	98	2	21	18	6034.32	1053	64
I	May 2014	176	20	141	3	31	17	6042.68	1142	115
S	Jun 2014	116	19	98	4	39	20	6045.77	1177	148
T	Jul 2014	14	2	35	4	44	29	6042.03	1135	64
O	Aug 2014	14	1	32	3	37	39	6037.72	1088	61
R	Sep 2014	39	1	47	2	22	31	6036.99	1081	61
	WY 2014	**696**	**62**	**626**	**23**	**203**	**253**			**754**
I	Oct 2014	68	1	46	1	7	21	6038.47	1096	65
C	Nov 2014	28	0	21	1	0	21	6038.43	1096	46
A	Dec 2014	19	0	17	1	0	21	6037.94	1091	44
L	Jan 2015	23	0	21	1	0	21	6037.90	1090	39
*	Feb 2015	29	1	25	1	0	19	6038.43	1096	40
	Mar 2015	54	1	47	1	5	24	6039.97	1112	42
	Apr 2015	92	9	66	2	19	21	6042.16	1136	56
	May 2015	195	26	165	3	33	22	6051.58	1244	148
	Jun 2015	110	17	95	4	48	21	6053.40	1266	131
	Jul 2015	18	2	40	4	52	26	6049.78	1223	70
	Aug 2015	29	1	50	3	44	31	6047.34	1195	61
	Sep 2015	27	0	42	2	24	25	6046.52	1185	50
	WY 2015	**690**	**59**	**634**	**24**	**233**	**272**			**791**
	Oct 2015	35	1	38	2	9	22	6047.04	1191	45
	Nov 2015	29	0	22	1	0	21	6047.10	1192	38
	Dec 2015	25	0	20	1	0	22	6046.94	1190	37
	Jan 2016	22	0	18	1	0	22	6046.59	1186	35
	Feb 2016	30	0	27	1	0	20	6047.11	1192	33
	Mar 2016	92	2	84	1	5	22	6051.86	1248	44
	Apr 2016	170	14	134	2	20	21	6059.29	1339	73
	May 2016	277	40	216	4	34	67	6067.78	1450	213
	Jun 2016	224	33	190	5	49	114	6069.48	1473	265
	Jul 2016	66	7	72	5	53	40	6067.61	1448	107
	Aug 2016	45	1	62	4	44	54	6064.57	1407	93
	Sep 2016	43	1	54	3	24	67	6061.55	1368	99
	WY 2016	**1059**	**98**	**937**	**28**	**237**	**490**			**1083**
	Oct 2016	47	2	46	2	8	22	6062.66	1382	50
	Nov 2016	34	1	26	1	0	21	6062.95	1386	39
	Dec 2016	25	0	20	1	0	22	6062.80	1384	37
	Jan 2017	22	0	18	1	0	22	6062.48	1380	35
	Feb 2017	30	0	27	1	0	19	6062.99	1386	32

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Managing Water in the West

March 2015 24-Month Study

Most Probable Inflow*

Lake Powell

	Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry Gage (1000 Ac-Ft)
*	Mar 2014	509	444	12	504	0	504	3574.76	4813	9497	510
H	Apr 2014	964	774	19	502	0	502	3577.56	4832	9732	512
I	May 2014	2082	1632	24	493	0	493	3589.38	4915	10764	498
S	Jun 2014	3039	2676	42	598	0	598	3609.19	5066	12649	609
T	Jul 2014	838	730	53	800	0	800	3608.05	5056	12535	814
O	Aug 2014	517	615	53	801	0	801	3605.82	5039	12314	818
R	Sep 2014	511	622	48	604	0	604	3605.53	5037	12286	619
	WY 2014	**10381**	**9287**	**347**	**7337**	**143**	**7480**				**7568**
I	Oct 2014	716	636	34	598	0	598	3605.57	5037	12290	613
C	Nov 2014	423	420	32	645	132	777	3601.87	5008	11929	780
A	Dec 2014	409	465	25	864	0	864	3597.75	4977	11537	880
L	Jan 2015	348	449	8	862	0	862	3593.57	4945	11147	878
*	Feb 2015	424	464	8	589	0	589	3592.23	4936	11024	595
	Mar 2015	530	532	14	650	0	650	3590.89	4926	10902	656
	Apr 2015	700	631	21	600	0	600	3591.00	4927	10911	610
	May 2015	1650	1466	26	700	0	700	3598.38	4981	11597	708
	Jun 2015	2100	1730	43	800	0	800	3606.87	5047	12418	809
	Jul 2015	650	652	52	1050	0	1050	3602.62	5014	12001	1065
	Aug 2015	360	493	50	800	0	800	3599.17	4987	11671	817
	Sep 2015	300	437	46	710	0	710	3596.04	4964	11376	722
	WY 2015	**8610**	**8375**	**357**	**8868**	**132**	**9000**				**9133**
	Oct 2015	422	476	31	600	0	600	3594.49	4952	11232	609
	Nov 2015	431	463	30	600	0	600	3592.81	4940	11077	606
	Dec 2015	363	468	24	800	0	800	3589.19	4913	10747	806
	Jan 2016	361	456	7	800	0	800	3585.54	4887	10422	809
	Feb 2016	393	459	7	650	0	650	3583.45	4873	10238	655
	Mar 2016	665	604	13	650	0	650	3582.83	4868	10184	656
	Apr 2016	1056	884	20	600	0	600	3585.61	4888	10428	610
	May 2016	2343	2079	26	650	0	650	3599.76	4992	11728	658
	Jun 2016	2666	2151	44	800	0	800	3612.06	5089	12938	809
	Jul 2016	1091	998	54	1000	0	1000	3611.54	5085	12886	1015
	Aug 2016	500	632	54	1050	0	1050	3607.20	5050	12450	1067
	Sep 2016	408	583	48	800	0	800	3604.71	5030	12205	813
	WY 2016	**10698**	**10253**	**358**	**9000**	**0**	**9000**				**9113**
	Oct 2016	512	584	33	600	0	600	3604.24	5026	12159	609
	Nov 2016	473	530	32	600	0	600	3603.27	5019	12065	606
	Dec 2016	363	489	25	800	0	800	3600.03	4994	11753	806
	Jan 2017	361	477	8	800	0	800	3596.79	4969	11447	809
	Feb 2017	393	463	8	650	0	650	3594.85	4955	11265	655

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Managing Water in the West

March 2015 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Glen Release (1000 Ac-Ft)	Side Inflow Glen to Hoover (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Mar 2014	504	29	34	1090	17.7	13	1087	773	1101.71	11888
H	Apr 2014	502	17	41	1134	19.1	20	1130	731	1094.55	11254
I	May 2014	493	13	46	1086	17.7	30	1084	692	1087.46	10639
S	Jun 2014	598	10	54	959	16.1	28	958	665	1082.66	10233
T	Jul 2014	800	54	67	943	15.3	27	941	654	1080.60	10061
O	Aug 2014	801	113	71	735	12.0	23	727	659	1081.55	10140
R	Sep 2014	604	140	58	686	11.5	19	684	658	1081.33	10121
	WY 2014	**7480**	**677**	**567**	**9759**		**216**	**9716**			
I	Oct 2014	598	68	43	472	7.7	21	461	666	1082.79	10244
C	Nov 2014	777	44	43	695	11.7	13	692	670	1083.57	10309
A	Dec 2014	864	56	37	493	8.0	8	492	693	1087.79	10667
L	Jan 2015	862	72	31	832	13.5	5	832	697	1088.51	10729
*	Feb 2015	589	89	28	600	10.8	7	599	700	1088.98	10769
	Mar 2015	650	61	32	957	15.6	16	957	682	1085.76	10494
	Apr 2015	600	76	39	1148	19.3	21	1148	650	1079.80	9994
	May 2015	700	49	43	1051	17.1	30	1051	627	1075.51	9642
	Jun 2015	800	23	52	911	15.3	30	911	616	1073.54	9483
	Jul 2015	1050	67	65	881	14.3	31	881	625	1075.16	9614
	Aug 2015	800	127	69	793	12.9	29	793	627	1075.58	9648
	Sep 2015	710	114	57	740	12.4	17	740	628	1075.69	9657
	WY 2015	**9000**	**847**	**538**	**9573**		**230**	**9557**			
	Oct 2015	600	61	42	463	7.5	21	463	636	1077.25	9785
	Nov 2015	600	50	42	576	9.7	11	576	637	1077.50	9805
	Dec 2015	800	96	36	532	8.6	8	532	657	1081.14	10105
	Jan 2016	800	72	30	702	11.4	9	702	665	1082.61	10228
	Feb 2016	650	77	28	629	10.9	8	629	669	1083.30	10287
	Mar 2016	650	61	31	1032	16.8	16	1032	646	1079.17	9942
	Apr 2016	600	76	38	1093	18.4	22	1093	617	1073.69	9495
	May 2016	650	49	42	1000	16.3	30	1000	594	1069.31	9145
	Jun 2016	800	23	50	923	15.5	30	923	583	1067.16	8976
	Jul 2016	1000	67	63	876	14.2	32	876	589	1068.32	9066
	Aug 2016	1050	127	68	784	12.8	30	784	607	1071.81	9344
	Sep 2016	800	114	56	728	12.2	17	728	614	1073.13	9450
	WY 2016	**9000**	**874**	**525**	**9336**		**233**	**9336**			
	Oct 2016	600	61	41	483	7.9	21	483	621	1074.48	9559
	Nov 2016	600	50	41	634	10.7	12	634	619	1074.05	9524
	Dec 2016	800	96	36	557	9.1	8	557	637	1077.46	9802
	Jan 2017	800	72	30	709	11.5	9	709	645	1078.88	9918
	Feb 2017	650	77	27	633	11.4	8	633	648	1079.54	9973

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March 2015 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Mar 2014	1090	-12	13	1074	0	1074	17.5	641.61	1661
H	Apr 2014	1134	-21	17	1054	0	1054	17.7	643.13	1702
I	May 2014	1086	-17	22	1023	0	1022	16.6	644.01	1726
S	Jun 2014	959	-19	25	947	0	947	15.9	642.83	1694
T	Jul 2014	943	-10	25	900	0	900	14.6	643.10	1701
O	Aug 2014	735	-6	23	697	0	697	11.3	643.43	1711
R	Sep 2014	686	-6	18	727	0	727	12.2	641.03	1645
	WY 2014	**9759**	**-139**	**198**	**9400**	**0**	**9400**			
I	Oct 2014	472	10	15	642	0	642	10.4	634.40	1470
C	Nov 2014	695	-6	10	629	0	629	10.6	636.32	1520
A	Dec 2014	493	-2	9	445	0	445	7.2	637.75	1558
L	Jan 2015	832	-22	10	660	0	660	10.7	642.98	1698
*	Feb 2015	600	-8	10	625	0	625	11.3	641.43	1656
	Mar 2015	957	-15	13	914	0	914	14.9	642.00	1671
	Apr 2015	1148	-19	17	1085	0	1085	18.2	643.00	1699
	May 2015	1051	-15	22	1014	0	1014	16.5	643.00	1699
	Jun 2015	911	-17	25	896	0	896	15.1	642.00	1671
	Jul 2015	881	-13	25	856	0	856	13.9	641.50	1658
	Aug 2015	793	-10	23	760	0	760	12.4	641.50	1658
	Sep 2015	740	-6	18	756	0	756	12.7	640.01	1617
	WY 2015	**9573**	**-123**	**197**	**9281**	**0**	**9281**			
	Oct 2015	463	1	15	632	0	632	10.3	633.00	1434
	Nov 2015	576	-11	10	503	0	503	8.5	635.00	1486
	Dec 2015	532	-12	9	413	0	413	6.7	638.71	1583
	Jan 2016	702	-13	10	597	0	597	9.7	641.80	1666
	Feb 2016	629	-13	10	607	0	607	10.5	641.80	1666
	Mar 2016	1032	-15	13	969	0	969	15.8	643.05	1700
	Apr 2016	1093	-19	17	1058	0	1058	17.8	643.00	1699
	May 2016	1000	-15	22	963	0	963	15.7	643.00	1699
	Jun 2016	923	-17	25	907	0	907	15.2	642.00	1671
	Jul 2016	876	-13	25	851	0	851	13.8	641.50	1658
	Aug 2016	784	-10	23	751	0	751	12.2	641.50	1658
	Sep 2016	728	-6	18	744	0	744	12.5	640.01	1617
	WY 2016	**9336**	**-143**	**197**	**8995**	**0**	**8995**			
	Oct 2016	483	1	15	653	0	653	10.6	633.00	1434
	Nov 2016	634	-11	10	562	0	562	9.4	635.00	1486
	Dec 2016	557	-12	9	438	0	438	7.1	638.71	1583
	Jan 2017	709	-13	10	603	0	603	9.8	641.80	1666
	Feb 2017	633	-13	10	610	0	610	11.0	641.80	1666

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 2015 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	Mar 2014	1074	-3	9	809	13.1	90	176	447.05	562	260	4.2
H	Apr 2014	1054	24	11	756	12.7	105	178	448.11	582	241	4.0
I	May 2014	1022	-3	13	694	11.3	110	184	448.48	589	115	1.9
S	Jun 2014	947	11	15	713	12.0	95	133	447.90	578	112	4.5
T	Jul 2014	900	18	17	685	11.1	105	93	448.27	585	118	1.9
O	Aug 2014	697	26	17	495	8.1	106	99	448.10	582	100	1.6
R	Sep 2014	727	13	15	474	8.0	102	140	448.17	583	90	1.5
	WY 2014	**9400**	**169**	**140**	**6496**		**1137**	**1685**			**1587**	
I	Oct 2014	642	16	12	432	7.0	105	135	446.41	550	66	1.1
C	Nov 2014	629	9	9	351	5.9	102	147	447.77	576	89	1.5
A	Dec 2014	445	18	7	240	3.9	109	132	446.36	549	98	1.6
L	Jan 2015	660	18	6	348	5.7	105	180	448.22	584	146	2.4
*	Feb 2015	625	10	8	473	8.5	54	109	447.38	568	172	3.1
	Mar 2015	914	15	9	666	10.8	85	148	448.00	580	218	3.5
	Apr 2015	1085	23	11	811	13.6	102	175	448.00	580	209	3.5
	May 2015	1014	17	13	706	11.5	105	181	448.70	593	101	1.6
	Jun 2015	896	15	16	701	11.8	102	79	448.70	593	100	1.7
	Jul 2015	856	29	17	684	11.1	105	79	448.00	580	103	1.7
	Aug 2015	760	27	17	581	9.4	105	82	447.50	571	92	1.5
	Sep 2015	756	23	15	518	8.7	102	135	447.50	571	89	1.5
	WY 2015	**9281**	**221**	**140**	**6511**		**1180**	**1581**			**1484**	
	Oct 2015	632	25	12	484	7.9	38	117	447.50	571	63	1.0
	Nov 2015	503	27	9	365	6.1	37	114	447.50	571	97	1.6
	Dec 2015	413	21	7	289	4.7	39	114	446.50	552	110	1.8
	Jan 2016	597	18	6	354	5.8	77	172	446.50	552	130	2.1
	Feb 2016	607	11	8	441	7.7	71	92	446.50	552	161	2.8
	Mar 2016	969	15	9	740	12.0	77	145	446.70	555	205	3.3
	Apr 2016	1058	23	11	783	13.2	74	167	448.70	593	205	3.4
	May 2016	963	17	13	704	11.4	77	173	448.70	593	113	1.8
	Jun 2016	907	15	16	695	11.7	74	124	448.70	593	111	1.9
	Jul 2016	851	29	17	700	11.4	77	86	448.00	580	119	1.9
	Aug 2016	751	27	17	597	9.7	77	85	447.50	571	100	1.6
	Sep 2016	744	23	15	546	9.2	74	123	447.50	571	89	1.5
	WY 2016	**8995**	**252**	**139**	**6697**		**790**	**1514**			**1504**	
	Oct 2016	653	25	12	452	7.3	77	130	447.50	571	55	0.9
	Nov 2016	562	27	9	373	6.3	74	127	447.50	571	103	1.7
	Dec 2016	438	21	7	276	4.5	77	114	446.50	552	108	1.7
	Jan 2017	603	18	6	352	5.7	85	173	446.50	552	130	2.1
	Feb 2017	610	11	8	438	7.9	76	92	446.50	552	161	2.9

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2192

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Managing Water in the West

March 2015 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Mar 2014	1090	17.7	1101.71	11888	-567	457.72	1234.0	451.5	71	414.3
H	Apr 2014	1134	19.1	1094.55	11254	-635	447.66	1146.0	459.8	68	405.6
I	May 2014	1086	17.7	1087.46	10639	-615	440.39	1341.0	431.0	81	397.1
S	Jun 2014	959	16.1	1082.66	10233	-406	437.98	1541.0	372.9	93	388.7
T	Jul 2014	943	15.3	1080.60	10061	-172	434.94	1615.0	363.6	100	385.7
O	Aug 2014	735	12.0	1081.55	10140	79	436.53	1493.0	279.3	94	379.9
R	Sep 2014	686	11.5	1081.33	10121	-18	437.59	1493.0	262.1	94	382.2
	WY 2014	**9759**							**3910.2**		
I	Oct 2014	472	7.7	1082.79	10244	122	442.74	1282.0	180.0	81	381.5
C	Nov 2014	695	11.7	1083.57	10309	65	437.62	1079.0	270.7	68	389.5
A	Dec 2014	493	8.0	1087.79	10667	358	446.86	889.0	189.0	55	383.3
L	Jan 2015	832	13.5	1088.51	10729	62	441.51	1018.0	333.5	63	400.6
*	Feb 2015	600	10.8	1088.98	10769	40	444.73	848.0	239.1	52	398.4
	Mar 2015	957	15.6	1085.76	10494	-275	439.03	952.0	390.6	60	408.0
	Apr 2015	1148	19.3	1079.80	9994	-500	432.25	1177.0	460.9	75	401.5
	May 2015	1051	17.1	1075.51	9642	-352	426.12	1262.0	406.6	82	386.9
	Jun 2015	911	15.3	1073.54	9483	-160	421.42	1529.0	345.7	100	379.4
	Jul 2015	881	14.3	1075.16	9614	132	421.74	1536.0	338.7	100	384.6
	Aug 2015	793	12.9	1075.58	9648	34	422.91	1536.0	302.4	100	381.5
	Sep 2015	740	12.4	1075.69	9657	9	423.66	1535.0	281.7	100	380.6
	WY 2015	**9573**							**3738.9**		
	Oct 2015	463	7.5	1077.25	9785	128	430.72	949.0	178.4	61	385.6
	Nov 2015	576	9.7	1077.50	9805	20	433.96	943.0	224.3	61	389.7
	Dec 2015	532	8.6	1081.14	10105	301	431.98	1254.0	201.1	80	378.2
	Jan 2016	702	11.4	1082.61	10228	123	433.46	1091.0	274.0	69	390.2
	Feb 2016	629	10.9	1083.30	10287	58	432.72	1213.0	242.7	77	385.6
	Mar 2016	1032	16.8	1079.17	9942	-344	430.67	1185.0	404.3	76	392.0
	Apr 2016	1093	18.4	1073.69	9495	-447	424.97	1238.0	426.0	81	389.9
	May 2016	1000	16.3	1069.31	9145	-350	419.53	1299.0	376.5	87	376.6
	Jun 2016	923	15.5	1067.16	8976	-169	415.20	1490.0	345.2	100	374.1
	Jul 2016	876	14.2	1068.32	9066	91	415.19	1496.0	331.3	100	378.3
	Aug 2016	784	12.8	1071.81	9344	277	417.66	1520.3	295.1	100	376.3
	Sep 2016	728	12.2	1073.13	9450	106	420.52	1527.7	274.4	100	377.1
	WY 2016	**9336**							**3573.4**		
	Oct 2016	483	7.9	1074.48	9559	109	428.07	943.7	186.1	61	385.4
	Nov 2016	634	10.7	1074.05	9524	-34	430.87	935.0	245.1	61	386.7
	Dec 2016	557	9.1	1077.46	9802	277	428.45	1242.2	210.4	80	377.9
	Jan 2017	709	11.5	1078.88	9918	117	429.78	1080.7	274.6	69	387.5
	Feb 2017	633	11.4	1079.54	9973	55	429.00	1200.7	243.3	77	384.6

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March 2015 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

U.S. DEPARTMENT OF THE INTERIOR
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	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Mar 2014	1074	17.5	641.61	1661	-10	138.63	252.5	134.6	99	125.3
H	Apr 2014	1054	17.7	643.13	1702	42	141.55	255.0	132.2	100	125.4
I	May 2014	1023	16.6	644.01	1726	24	143.52	255.0	127.7	100	124.9
S	Jun 2014	947	15.9	642.83	1694	-32	141.57	255.0	119.3	100	126.0
T	Jul 2014	900	14.6	643.10	1701	7	143.48	255.0	112.8	100	125.4
O	Aug 2014	697	11.3	643.43	1711	9	143.79	255.0	88.3	100	126.7
R	Sep 2014	727	12.2	641.03	1645	-65	138.41	255.0	91.5	100	126.0
	WY 2014	**9400**							**1175.6**		
I	Oct 2014	642	10.4	634.40	1470	-175	134.93	191.3	72.3	75	112.7
C	Nov 2014	629	10.6	636.32	1520	50	136.47	158.1	74.4	62	118.2
A	Dec 2014	445	7.2	637.75	1558	37	134.54	165.8	52.7	65	118.4
L	Jan 2015	660	10.7	642.98	1698	141	141.44	163.2	82.8	64	125.4
*	Feb 2015	625	11.3	641.43	1656	-42	140.07	188.7	79.9	74	127.8
	Mar 2015	914	14.9	642.00	1671	15	135.39	229.5	113.5	90	124.2
	Apr 2015	1085	18.2	643.00	1699	27	135.51	255.0	134.4	100	123.9
	May 2015	1014	16.5	643.00	1699	0	136.04	255.0	126.5	100	124.8
	Jun 2015	896	15.1	642.00	1671	-27	135.51	255.0	111.8	100	124.8
	Jul 2015	856	13.9	641.50	1658	-14	134.73	255.0	106.5	100	124.5
	Aug 2015	760	12.4	641.50	1658	0	134.46	255.0	94.8	100	124.8
	Sep 2015	756	12.7	640.01	1617	-40	133.68	255.0	93.8	100	124.0
	WY 2015	**9281**							**1143.4**		
	Oct 2015	632	10.3	633.00	1434	-183	129.77	234.6	76.5	92	121.0
	Nov 2015	503	8.5	635.00	1486	51	127.90	209.1	60.1	82	119.5
	Dec 2015	413	6.7	638.71	1583	97	130.45	224.4	50.7	88	122.7
	Jan 2016	597	9.7	641.80	1666	83	135.97	163.2	74.3	64	124.6
	Feb 2016	607	10.5	641.80	1666	0	137.17	173.4	76.2	68	125.7
	Mar 2016	969	15.8	643.05	1700	34	135.44	255.0	120.7	100	124.5
	Apr 2016	1058	17.8	643.00	1699	-2	136.07	255.0	131.7	100	124.5
	May 2016	963	15.7	643.00	1699	0	136.04	255.0	120.4	100	125.1
	Jun 2016	907	15.2	642.00	1671	-27	135.51	255.0	113.2	100	124.7
	Jul 2016	851	13.8	641.50	1658	-14	134.73	255.0	105.9	100	124.5
	Aug 2016	751	12.2	641.50	1658	0	134.46	255.0	93.8	100	124.8
	Sep 2016	744	12.5	640.01	1617	-40	133.68	255.0	92.3	100	124.1
	WY 2016	**8995**							**1116.0**		
	Oct 2016	653	10.6	633.00	1434	-183	129.77	234.6	78.9	92	120.9
	Nov 2016	562	9.4	635.00	1486	51	127.90	209.1	66.9	82	119.1
	Dec 2016	438	7.1	638.71	1583	97	130.45	224.4	53.7	88	122.6
	Jan 2017	603	9.8	641.80	1666	83	135.97	163.2	75.1	64	124.6
	Feb 2017	610	11.0	641.80	1666	0	137.17	173.4	76.6	68	125.5

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Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Mar 2014	809	13.1	447.05	562	-20	77.18	106.8	55.4	89	68.5
H	Apr 2014	756	12.7	448.11	582	20	80.82	120.0	52.3	100	69.1
I	May 2014	694	11.3	448.48	589	7	80.45	106.8	49.2	89	70.8
S	Jun 2014	713	12.0	447.90	578	-11	81.61	120.0	49.8	100	69.8
T	Jul 2014	688	11.1	448.27	585	7	82.46	120.0	47.9	100	69.7
O	Aug 2014	495	8.1	448.10	582	-3	81.82	120.0	35.2	100	71.2
R	Sep 2014	474	8.0	448.17	583	1	82.36	120.0	33.7	100	70.9
	WY 2014	**6498**							**451.6**		
I	Oct 2014	432	7.0	446.41	550	-33	80.56	91.2	30.8	76	71.3
C	Nov 2014	351	5.9	447.77	576	25	81.18	96.0	24.4	80	69.4
A	Dec 2014	240	3.9	446.36	549	-26	81.87	120.0	15.5	100	64.8
L	Jan 2015	348	5.6	448.22	584	35	82.97	93.6	24.3	78	69.7
*	Feb 2015	473	8.5	447.38	568	-16	81.70	94.8	33.2	79	70.2
	Mar 2015	666	10.8	448.00	580	12	75.59	108.0	44.0	90	66.1
	Apr 2015	811	13.6	448.00	580	0	75.37	120.0	53.8	100	66.3
	May 2015	706	11.5	448.70	593	13	75.71	120.0	46.7	100	66.2
	Jun 2015	701	11.8	448.70	593	0	76.05	120.0	46.6	100	66.5
	Jul 2015	684	11.1	448.00	580	-13	75.71	120.0	45.3	100	66.2
	Aug 2015	581	9.4	447.50	571	-9	75.13	120.0	38.0	100	65.4
	Sep 2015	518	8.7	447.50	571	0	74.89	120.0	33.7	100	65.0
	WY 2015	**6511**							**436.3**		
	Oct 2015	484	7.9	447.50	571	0	76.04	94.8	31.8	79	65.8
	Nov 2015	365	6.1	447.50	571	0	75.69	102.0	23.6	85	64.7
	Dec 2015	289	4.7	446.50	552	-19	74.40	120.0	18.1	100	62.7
	Jan 2016	354	5.8	446.50	552	0	75.01	96.0	22.7	80	64.0
	Feb 2016	441	7.7	446.50	552	0	75.13	93.6	28.7	78	65.1
	Mar 2016	740	12.0	446.70	555	4	74.01	120.0	48.1	100	65.0
	Apr 2016	783	13.2	448.70	593	38	75.08	120.0	51.6	100	66.0
	May 2016	704	11.4	448.70	593	0	76.05	120.0	46.8	100	66.5
	Jun 2016	695	11.7	448.70	593	0	76.05	120.0	46.2	100	66.5
	Jul 2016	700	11.4	448.00	580	-13	75.71	120.0	46.3	100	66.2
	Aug 2016	597	9.7	447.50	571	-9	75.13	120.0	39.1	100	65.4
	Sep 2016	546	9.2	447.50	571	0	74.89	120.0	35.6	100	65.1
	WY 2016	**6697**							**438.7**		
	Oct 2016	452	7.3	447.50	571	0	75.69	102.0	29.5	85	65.3
	Nov 2016	373	6.3	447.50	571	0	75.69	102.0	24.2	85	64.7
	Dec 2016	276	4.5	446.50	552	-19	75.20	102.0	17.4	85	63.0
	Jan 2017	352	5.7	446.50	552	0	74.71	102.0	22.4	85	63.8
	Feb 2017	438	7.9	446.50	552	0	73.92	120.0	28.1	100	64.1

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Upper Basin Power

	Date	Glen Canyon 1000 MWHR	Flaming Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Reservoir 1000 MWHR	Fontenelle Reservoir 1000 MWHR
*	Mar 2014	207	19	6	8	4	4
	Winter 2014	**1477**	**110**	**30**	**28**	**17**	**22**
H	Apr 2014	206	19	7	13	9	5
I	May 2014	204	20	19	32	17	6
S	Jun 2014	260	80	54	103	21	7
T	Jul 2014	354	41	35	29	22	8
O	Aug 2014	353	48	31	37	21	9
R	Sep 2014	266	46	23	29	16	2
	Summer 2014	**1643**	**255**	**169**	**243**	**106**	**37**
I	Oct 2014	264	36	18	17	14	7
C	Nov 2014	281	30	7	7	4	6
A	Dec 2014	377	43	15	19	11	6
L	Jan 2015	373	48	16	20	10	6
*	Feb 2015	254	44	8	10	2	5
	Mar 2015	252	45	11	14	8	6
	Winter 2015	**1801**	**247**	**75**	**88**	**49**	**37**
	Apr 2015	232	43	13	20	11	8
	May 2015	272	58	56	75	23	8
	Jun 2015	317	60	17	28	19	9
	Jul 2015	417	36	27	33	17	10
	Aug 2015	316	36	35	42	21	9
	Sep 2015	279	35	33	41	21	3
	Summer 2015	**1833**	**269**	**182**	**238**	**112**	**46**
	Oct 2015	234	36	16	21	11	6
	Nov 2015	233	35	8	10	6	6
	Dec 2015	309	36	21	26	13	6
	Jan 2016	306	36	18	23	12	5
	Feb 2016	247	33	15	19	10	5
	Mar 2016	247	36	12	17	9	5
	Winter 2016	**1576**	**211**	**90**	**116**	**61**	**33**
	Apr 2016	228	41	12	19	11	6
	May 2016	252	69	44	63	23	7
	Jun 2016	319	38	18	29	20	8
	Jul 2016	403	39	29	36	20	8
	Aug 2016	422	39	38	45	23	9
	Sep 2016	319	38	36	43	22	7
	Summer 2016	**1202**	**187**	**104**	**147**	**74**	**29**
	Oct 2016	238	39	23	29	15	6
	Nov 2016	238	38	14	18	9	6
	Dec 2016	316	39	25	30	15	6
	Jan 2017	314	39	21	27	14	6
	Feb 2017	254	35	14	19	10	5

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Most Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions

Date	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Total KAF	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****EFFECTIVE SPACE****										
Mar 2015	676	283	600	13298	14858	16608	31466	255	219	299	773	13298	16608	30679	1500	957	0	28.9
Apr 2015	708	281	584	13420	14993	16883	31876	283	219	276	778	13420	16883	31082	1500	1148	0	28.5
May 2015	713	255	560	13411	14938	17383	32321	282	194	231	707	13411	17383	31501	1500	1051	0	29.0
Jun 2015	672	246	452	12725	14096	17735	31830	231	176	87	494	12725	17735	30955	1500	911	0	30.0
Jul 2015	517	87	430	11904	12938	17894	30833	62	-1	13	74	11904	17894	29872	1500	881	0	29.7
								****CREDITABLE SPACE****										
Aug 2015	472	83	473	12321	13348	17763	31111	472	83	473	1028	12321	17763	31111	1500	793	0	29.2
Sep 2015	510	134	501	12651	13797	17729	31526	510	134	501	1146	12651	17729	31526	2270	740	0	28.8
Oct 2015	566	196	511	12946	14219	17720	31939	566	196	511	1273	12946	17720	31939	3040	463	0	28.5
Nov 2015	616	211	505	13090	14421	17592	32014	616	211	505	1331	13090	17592	32014	3810	576	0	28.4
Dec 2015	664	204	504	13245	14618	17572	32190	664	204	504	1372	13245	17572	32190	4580	532	0	28.3
Jan 2016	729	248	506	13575	15058	17272	32330	729	248	506	1483	13575	17272	32330	5350	702	0	28.1
								****EFFECTIVE SPACE****										
Jan 2016	729	248	506	13575	15058	17272	32330	364	248	436	1048	13575	17272	31895	5350	702	0	28.1
Feb 2016	789	283	510	13900	15482	17149	32631	422	283	440	1145	13900	17149	32194	1500	629	0	27.9
Mar 2016	838	310	504	14084	15736	17090	32827	469	310	433	1212	14084	17090	32387	1500	1032	0	27.6
Apr 2016	838	316	448	14138	15741	17435	33176	466	316	371	1152	14138	17435	32725	1500	1093	0	27.6
May 2016	823	284	357	13894	15359	17882	33241	444	284	257	986	13894	17882	32762	1500	1000	0	28.7
Jun 2016	776	228	246	12594	13844	18232	32076	388	224	108	721	12594	18232	31547	1500	923	0	30.3
Jul 2016	509	51	223	11384	12166	18401	30568	103	23	32	157	11384	18401	29942	1500	876	0	30.3
								****CREDITABLE SPACE****										
Aug 2016	423	27	248	11436	12134	18311	30445	423	27	248	698	11436	18311	30445	1500	784	0	30.0
Sep 2016	457	75	289	11872	12693	18033	30726	457	75	289	821	11872	18033	30726	2270	728	0	29.7
Oct 2016	517	143	328	12117	13106	17927	31033	517	143	328	989	12117	17927	31033	3040	483	0	29.5
Nov 2016	573	177	314	12163	13227	17818	31045	573	177	314	1064	12163	17818	31045	3810	634	0	29.3
Dec 2016	629	193	310	12257	13389	17853	31242	629	193	310	1132	12257	17853	31242	4580	557	0	29.2
Jan 2017	703	248	312	12569	13832	17575	31407	703	248	312	1263	12569	17575	31407	5350	709	0	29.0
								****EFFECTIVE SPACE****										
Jan 2017	703	248	312	12569	13832	17575	31407	303	248	177	728	12569	17575	30873	5350	709	0	29.0
Feb 2017	771	295	316	12875	14258	17459	31717	371	295	180	846	12875	17459	31180	1500	633	0	28.8

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2192

Processed On: 3/10/2015 2:22:33PM

April 24-Month Study
Date: April 15, 2015

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

Reservoir	March Inflow (unregulated) (acre-feet)	Percent of Average (%)	April 13, Midnight Elevation (feet)	Reservoir Storage (acre-feet)
Fontenelle	70,000	133	6484.54	192,000
Flaming Gorge	77,000	76	6025.53	3,180,000
Blue Mesa	54,000	150	7491.72	595,000
Navajo	90,000	97	6045.25	1,171,000
Powell	552,000	83	3590.86	10,899,000

Expected Operations

The operation of Lake Powell and Lake Mead in this April 2015 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines) and reflects the 2015 Annual Operating Plan (AOP). Pursuant to the Interim Guidelines, the August 2014 24-Month Study projections of the January 1, 2015, system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2015.

Consistent with Section 6.B of the Interim Guidelines, the Lake Powell operational tier for water year 2015 is the Upper Elevation Balancing Tier. The April 2015 24-Month Study projects the end of water year elevation at Lake Powell to be above 3,575 feet and the end of water year elevation at Lake Mead to be below elevation 1,075.0 feet. Therefore, in accordance with Section 6.B.4 of the 2007 Interim Guidelines, Lake Powell operations will shift to "balancing releases" for the remainder of water year 2015. Under Section 6.B.4, the contents of Lake Powell and Lake Mead will be balanced by the end of the water year, but not more than 9.0 maf and not less than 8.23 maf shall be released from Lake Powell. Based on the most probable inflow forecast, this April 24-Month Study projects a balancing release of 9.0 maf in water year 2015; the actual release in water year 2015, however, will depend on hydrology in the remainder of water year and will range from 8.23 to 9.0 maf. The projected release from Lake Powell in water year 2015 will be updated each month throughout the remainder of the water year.

Consistent with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar year 2015.

The Interim Guidelines are available for download at:
http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The 2015 AOP is available for download at:
http://www.usbr.gov/uc/water/rsvrs/ops/aop/AOP15.pdf.

Fontenelle Reservoir – Inflows to Fontenelle Reservoir for the month of March were 70,000 acre-feet (AF), or 133 percent of average. The current reservoir elevation is 6486 feet, which amounts to 57 percent of live storage capacity. Over the past week the average inflow rate was 1,490 cubic feet per second (cfs), with daily averages ranging from 1,290 cfs to 1,940 cfs. Fontenelle releases were increased from 1,250 cfs to 1,700 cfs at the end of March, and are expected to remain at this level through the month of April.

Inflows for the next three months are projected to be near-to-below average, with April, May, and June forecasted inflow volumes at 90,000 AF (105% of average), 140,000 AF (85% of average), and 240,000 AF (80% of average), respectively. The April final forecast of the April-July inflow volume is 580,000 AF (80% of average).

The next Fontenelle Working Group meeting is scheduled for April 15, 2015, at 10:00 am at Seedskadee Wildlife Refuge in Green River, Wyoming. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir.

Flaming Gorge Reservoir – Unregulated inflow into Flaming Gorge Reservoir during the month of February was 77,000 acre-feet (AF), or 76 percent of average. The reservoir elevation is 6,025 feet. Observed inflows are averaging 2,200 cubic feet per second (cfs).

Flaming Gorge releases are currently 1,000 cfs daily release with hourly fluctuations for hydropower. Inflows for the next three months are projected to be below average: with April, May and June forecasted inflow volumes at 120,000 AF (90% of average), 160,000 AF (65% of average), and 240,000 AF (64% of average), respectively.

The next Flaming Gorge Working Group meeting is scheduled for April 30, 2015, at 11:00 a.m. to be held in the Utah Department of Natural Resources building in Vernal, Utah. The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stake holders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations and plans presented by Reclamation at these meetings. Meeting notes from past Working Group meetings are posted on the Working Group webpage. For more information on this group and these meetings please contact Peter Crookston at 801-379-1152 or Heather Patno at 801-524-3883.

Aspinall Unit Reservoirs – March unregulated inflow into Blue Mesa Reservoir was 54,000 acre-feet or 150 percent of average. On April 9, 2015 the basin snowpack was 56 percent of average; which is a decrease of about 30 percent from last month. Precipitation during March was 60 percent of average. The current inflow rate into Blue Mesa Reservoir is about 1200 cfs while reservoir releases are zero because of maintenance activities. The reservoir elevation is currently at 7490.30 feet, which corresponds to a storage content of about 584,000 acre-feet.

The latest Water Supply Forecast for Water Year 2015 has been issued and the April through July unregulated inflow is forecasted to be at 480,000 acre-feet (71% of average), this is 120,000 acre-feet lower than last month's forecast. If this forecast holds through May 1st, the Black Canyon Water Right and Aspinall ROD would call for a one day peak flow of 2,660 cfs, and 6,600 cfs respectively. Based on this forecast and the combination of meeting water right and ROD this coming spring, Blue Mesa Reservoir is projected to fill this runoff season. The projected fill is calculated to be about 7516.4 feet, or about 3 feet and 26,500 acre-feet short of top of active conservation pool.

Releases from Crystal are currently set at 750 cfs. The Gunnison Diversion Tunnel is currently diverting about 400 cfs, which results in a river flow below the diversion tunnel of approximately 350 cfs. This lower flow is a result of Reclamation trying to conserve reservoir storage for what is forecasted to be a very dry year.

The next meeting of the "Aspinall Unit Working Group" will be held on Thursday, April 23, 2015 starting at 1:00 PM in Reclamation's Grand Junction Office. At this meeting, review of this winter's reservoir operations, and plans for this spring and summer operations will be discussed. These meetings are open forum discussions on the Aspinall Unit reservoir operations with many interested groups participating. Anyone needing further information about these meetings should contact Erik Knight in the Grand Junction Area Office at (970) 248-0629.

Navajo Reservoir – Reclamation is currently releasing 350 cfs. Releases are made for the authorized purposes of the Navajo Unit, and to attempt to maintain a target base flow through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell). The San Juan River Basin Recovery Implementation Program recommends a target base flow of between 500 cfs and 1,000 cfs through the critical habitat area. The target base flow is calculated as the weekly average of gaged flows throughout the critical habitat area.

Navajo was at 6043.4 feet of pool elevation and 1,150,403 acre-feet of storage by the end of March, which was 88% of average for the end of the month. Modified unregulated inflow into Navajo was 89,891 acre-feet, which was 97% of average for the month. Calculated evaporation for the month was 1,384 acre-ft. The release remained 350 cfs throughout the month of March. Navajo Reservoir recorded 0.99 inches of liquid precipitation (82% of average).

As of April 6th, the release at Navajo (as measured at the USGS at Archuleta gage) was 373 cfs, and the observed inflow is 1,361 cfs. The reservoir elevation is 6044.35 feet and the content is 1,160,679 acre-feet, or 68% full (48% of Active). The San Juan River at Four Corners USGS gage is at 824 cfs, and the Animas River at Farmington USGS gage is at 537 cfs. Snotel sites above Navajo are showing 8.6 inches of SWE (47% of median on this date). Runoff appears to be 4 to 6 weeks early due to the unseasonably warm temperatures.

The most probable modified-unregulated inflow forecast for April at Navajo is 110,000 acre-feet (65% of average), for May is 126,000 acre-feet (45% of average), and for June is 63,000 acre-feet (28% of average). The April-July modified unregulated inflow forecasts are as follows:

Min Probable: 225,000 acre-feet (31% of average, an increase of 5,000 acre-feet from Mid-March)
Most Probable: 310,000 acre-feet (42% of average, a decrease of 90,000 acre-feet from Mid-March)
Max Probable: 490,000 acre-feet (66% of average, a decrease of 60,000 acre-feet from Mid-March)

Under all three forecast probabilities, no spring peak release is expected in 2015. The most probable forecast shows the reservoir will reach a minimum overwinter storage level of 6042 feet (1,134,700 acre-feet) in winter of 2016.

Glen Canyon Dam / Lake Powell

Current Status

The unregulated inflow volume to Lake Powell in March was 552 thousand acre-feet (kaf) (83% of average). The release volume from Glen Canyon Dam in March was 649 kaf. The end of March elevation and storage of Lake Powell were 3,591.0 feet (109 feet from full pool) and 10.91 million acre-feet (maf) (45% of full capacity), respectively. The reservoir elevation is near the anticipated seasonal low and will soon begin increasing as spring runoff enters the reservoir.

Current Operations

The operating tier for water year 2015 was established in August 2014 as the Upper Elevation Balancing Tier. In the Upper Elevation Balancing Tier the initial water year release volume is 8.23 maf; however, there is the possibility for an April adjustment to equalization or balancing operations to govern for the remainder of the water year. This April 2015 24-Month Study establishes that Lake Powell operations will shift to "balancing releases" for the remainder of water year 2015. Under Balancing, the contents of Lake Powell and Lake Mead will be balanced by the end of the water year, but not more than 9.0 maf and not less than 8.23 maf shall be released from Lake Powell. Based on the most probable inflow forecast, this April 24-Month Study projects a balancing release of 9.0 maf in water year 2015; the actual release in water year 2015,

however, will depend on hydrology in the remainder of water year and will range from 8.23 to 9.0 maf. The projected release from Lake Powell in water year 2015 will be updated each month throughout the remainder of the water year. Reclamation will schedule operations at Glen Canyon Dam to achieve as practicably as possible the appropriate total annual release volume by September 30, 2015.

In April, the release volume will be approximately 600 kaf, with fluctuations anticipated between about 7,500 cfs in the nighttime to about 13,000 cfs in the daytime and consistent with the Glen Canyon Operating Criteria (Federal Register, Volume 62, No. 41, March 3, 1997). The anticipated release volume for May is 700 kaf with daily fluctuations between approximately 8,500 cfs and 14,500 cfs . The expected release for June is 800 kaf with daily fluctuations between approximately 10,000 cfs and 18,000 cfs. In addition to daily scheduled fluctuations for power generation, the instantaneous releases from Glen Canyon Dam may also fluctuate to provide 40 MW of system regulation. These instantaneous release adjustments stabilize the electrical generation and transmission system and translate to a range of about 1,200 cfs above or below the hourly scheduled release rate. Under system normal conditions, fluctuations for regulation are typically short lived and generally balance out over the hour with minimal or no noticeable impacts on downstream river flow conditions.

Releases from Glen Canyon Dam can also fluctuate beyond scheduled releases when called upon to respond to unscheduled power outages or power system emergencies. Depending on the severity of the system emergency, the response from Glen Canyon Dam can be significant, within the full range of the operating capacity of the power plant for as long as is necessary to maintain balance in the transmission system. Glen Canyon Dam typically maintains 27 MW (approximately 800 cfs) of generation capacity in reserve in order to respond to a system emergency even when generation rates are already high. System emergencies occur fairly infrequently and typically require small responses from Glen Canyon Dam. However, these responses can have a noticeable impact on the river downstream of Glen Canyon Dam.

Inflow Forecasts and Model Projections

The April to July 2015 water supply forecast for unregulated inflow to Lake Powell, issued on April 2, 2015, by the Colorado Basin River Forecast Center, projects that the most probable (median) unregulated inflow volume will be 3.75 maf (52% of average based on the period 1981-2010). The forecast decreased by 135 kaf since last month. At this point in the season, there is still uncertainty regarding this year's water supply and the total inflow to Lake Powell. The spring runoff forecast ranges from a minimum probable of 2.60 maf (36% of average) to a maximum probable of 5.70 maf (80% of average). There is 10% chance that inflows could be higher than the maximum probable and a 10% chance they could be lower than the minimum probable.

As determined in the August 2014 24-Month Study, and documented in the 2015 Annual Operating Plan, Lake Powell's operations in water year 2015 will be governed by the Upper Elevation Balancing Tier. In this tier, the initial water year release volume is 8.23 maf, however, there is the potential for an April adjustment to equalization or balancing

releases in April 2015. This April 2015 24-Month Study projects the end of water year elevation at Lake Powell to be above 3,575 feet and the end of water year elevation at Lake Mead to be below elevation 1,075.0 feet. Therefore, in accordance with Section 6.B.4 of the 2007 Interim Guidelines, Lake Powell operations will shift to "balancing releases" for the remainder of water year 2015. Under Section 6.B.4, the contents of Lake Powell and Lake Mead will be balanced by the end of the water year, but not more than 9.0 maf and not less than 8.23 maf shall be released from Lake Powell.

Based on the April most probable inflow forecast, the annual release volume from Lake Powell during water year 2015 is projected to be 9.0 maf. Under the minimum probable inflow scenario, the water year release is projected to be 8.9 maf. Under the maximum probable inflow scenario, the release is projected to be 9.0 maf. There 10% chance that inflows will be lower than the current minimum probable forecast, potentially resulting in lower releases. If inflows are less than the minimum probable forecast, the water year 2015 annual release could be as low as 8.23 maf. If inflows are greater than the current forecasted maximum probable inflow, the annual release will be 9.0 maf. The projected release from Lake Powell in water year 2015 will be updated each month throughout the remainder of the water year.

Based on the current forecast, the April 24-Month Study projects Lake Powell elevation will end water year 2015 near 3,583 feet with approximately 10.24 maf in storage (42% capacity). Projections of elevation and storage still have significant uncertainty at this point in the season, primarily due to uncertainty regarding spring runoff and the resulting inflow to Lake Powell. Under the minimum probable inflow scenario, updated in April, the projected end of water year elevation and storage are 3574 feet and 9.45 maf (39% capacity), respectively. Under the maximum probable inflow scenario, updated in April, the projected end of water year elevation and storage are 3603 feet and 12.02 maf (49% capacity), respectively. Modeling of projected reservoir operations based on the minimum and maximum scenarios will be updated again in August.

Upper Colorado River Basin Hydrology

The Upper Colorado River Basin regularly experiences significant year to year hydrologic variability. During the 15-year period 2000 to 2014, however, the unregulated inflow to Lake Powell, which is a good measure of hydrologic conditions in the Colorado River Basin, was above average in only 3 out of the past 15 years. The period 2000-2014 is the lowest 15-year period since the closure of Glen Canyon Dam in 1963, with an average unregulated inflow of 8.39 maf, or 78% of the 30-year average (1981-2010). (For comparison, the 1981-2010 total water year average is 10.83 maf.) The unregulated inflow during the 2000-2014 period has ranged from a low of 2.64 maf (24% of average) in water year 2002 to a high of 15.97 maf (147% of average) in water year 2011. The water year 2014 unregulated inflow volume to Lake Powell was 10.381 maf (96% of average), which, though still below average, was significantly higher than inflows observed in 2012 and 2013 (45% and 47% of average, respectively). Under the current most probable forecast, total water year 2015 unregulated inflows to Lake Powell is projected to be 7.18 maf (66% of average), and ranges from a minimum probable inflow of 5.9 maf (55%) and maximum probable inflow of 9.4 maf (87%).

At the beginning of water year 2015, total system storage in the Colorado River Basin was 30.0 maf (50% of 59.6 maf total system capacity). This is nearly the same as the total storage at the beginning of water year 2014 which began at 29.9 maf (50% of capacity). Since the beginning of water year 2000, total Colorado Basin storage has experienced year to year increases and decreases in response to wet and dry hydrology, ranging from a high of 94% of capacity at the beginning of 2000 to a low of 50% of capacity at the beginning of water year 2014. One wet year can significantly increase total system reservoir storage, just as persistent dry years can draw down the system storage. Based on current inflow forecasts, the current projected end of water year 2015 total Colorado Basin reservoir storage is approximately 27.4 maf (47% of capacity). The actual end of water year storage may vary from this projection, primarily due to uncertainty regarding this season's runoff and resulting reservoir inflow. Based on the April minimum and maximum probable inflow forecasts and modeling the range is approximately 26.1 maf (44%) to 29.5 maf (50%), respectively.

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-430
125 SOUTH STATE STREET, ROOM 6107
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-3709

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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:	Obs			mar	Forecast		Outlook		
:	dec	jan	feb	mar	%Avg	apr	may	jun	apr-jul	%Avg
GLDA3:Lake Powell	409	348	424	552	83%:	720/	1230/	1300/	3750/:	52%
GBRW4:Fontenelle	51	46	46	70	133%:	90/	140/	240/	580/:	80%
GRNU1:Flaming Gorge	53	67	63	77	76%:	120/	160/	250/	650/:	66%
BMDC2:Blue Mesa	34	30	28	54	150%:	90/	180/	150/	480/:	71%
MPSC2:Morrow Point	35	30	29	56	140%:	100/	200/	158/	520/:	70%
CLSC2:Crystal	39	35	34	63	136%:	113/	225/	175/	580/:	69%
TPIC2:Taylor Park	5.8	5.5	4.4	6.5	146%:	10/	27/	23/	71/:	72%
VCRC2:Vallecito	6.2	6.3	6.7	13.2	153%:	25/	45/	34/	115/:	59%
NVRN5:Navajo	18.6	23	29	90	97%:	110/	126/	63/	310/:	42%
LEMC2:Lemon	1.07	0.97	1.09	2.5	157%:	5/	12/	8/	27/:	49%
MPHC2:McPhee	3.3	3.9	4.7	14.6	69%:	48/	60/	30/	145/:	49%
RBSC2:Ridgway	4.8	4.2	3.8	6.3	110%:	12/	26/	21/	71/:	70%

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2015 24-Month Study

Most Probable Inflow*

Fontenelle Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Apr 2014	101	1	83	1	84	6474.33	138
H	May 2014	272	1	96	126	222	6483.58	186
I	Jun 2014	427	2	104	254	364	6492.90	247
S	Jul 2014	220	3	90	1	117	6506.25	347
T	Aug 2014	98	2	100	1	108	6504.71	335
O	Sep 2014	69	2	21	66	87	6502.07	314
	WY 2014	**1424**	**15**	**811**	**478**	**1328**		
R	Oct 2014	85	1	80	10	90	6501.37	309
I	Nov 2014	53	1	69	1	69	6499.16	292
C	Dec 2014	51	1	77	0	77	6495.49	265
A	Jan 2015	46	1	77	0	77	6490.98	234
L	Feb 2015	46	1	69	1	69	6487.37	210
*	Mar 2015	70	1	78	0	78	6486.00	201
	Apr 2015	90	1	100	1	101	6484.06	190
	May 2015	140	2	104	1	105	6489.31	224
	Jun 2015	240	3	103	16	119	6505.60	342
	Jul 2015	110	3	100	35	135	6502.04	314
	Aug 2015	55	2	82	0	82	6498.20	285
	Sep 2015	42	2	38	23	61	6495.33	265
	WY 2015	**1029**	**16**	**975**	**87**	**1062**		
	Oct 2015	46	1	63	0	63	6492.73	247
	Nov 2015	41	1	61	0	61	6489.56	226
	Dec 2015	32	1	63	0	63	6484.70	194
	Jan 2016	30	1	63	0	63	6478.87	161
	Feb 2016	28	0	59	0	59	6472.27	129
	Mar 2016	53	0	63	0	63	6469.77	118
	Apr 2016	85	1	89	0	89	6468.71	114
	May 2016	164	1	98	10	108	6480.34	169
	Jun 2016	299	2	101	104	205	6494.81	261
	Jul 2016	178	3	92	0	92	6505.75	344
	Aug 2016	77	2	92	0	92	6503.48	326
	Sep 2016	46	2	71	0	71	6499.95	298
	WY 2016	**1078**	**15**	**916**	**113**	**1029**		
	Oct 2016	49	1	71	0	71	6496.79	275
	Nov 2016	42	1	68	0	68	6492.97	248
	Dec 2016	32	1	71	0	71	6487.03	209
	Jan 2017	30	1	71	0	71	6480.18	168
	Feb 2017	28	0	64	0	64	6472.73	131
	Mar 2017	53	0	71	0	71	6468.42	113

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2194

Processed On: 4/14/2015 7:54:48AM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2015 24-Month Study

Most Probable Inflow*

Flaming Gorge Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	Apr 2014	128	111	5	50	0	50	120	6019.75	2971	306
H	May 2014	333	283	8	53	0	53	128	6025.67	3185	594
I	Jun 2014	472	409	10	208	85	293	132	6028.39	3287	775
S	Jul 2014	226	123	13	105	0	105	132	6028.51	3292	208
T	Aug 2014	126	136	13	122	0	122	132	6028.53	3293	190
O	Sep 2014	99	118	11	116	0	116	132	6028.31	3284	170
	WY 2014	**1689**	**1594**	**77**	**945**	**86**	**1032**				**2799**
R	Oct 2014	108	112	7	92	0	92	133	6028.64	3297	159
I	Nov 2014	65	81	4	77	0	77	133	6028.63	3296	134
C	Dec 2014	53	79	2	113	0	113	131	6027.71	3262	164
A	Jan 2015	67	98	2	124	0	124	130	6026.99	3234	178
L	Feb 2015	63	86	2	113	0	113	129	6026.25	3207	168
*	Mar 2015	77	85	3	124	0	124	127	6025.15	3166	219
	Apr 2015	120	131	5	68	0	68	130	6026.65	3221	228
	May 2015	160	125	8	150	0	150	128	6025.80	3190	465
	Jun 2015	250	129	10	149	0	149	127	6025.01	3161	364
	Jul 2015	120	145	13	77	0	77	129	6026.44	3214	117
	Aug 2015	63	90	12	77	0	77	129	6026.45	3214	90
	Sep 2015	46	65	11	74	0	74	129	6025.93	3195	83
	WY 2015	**1191**	**1225**	**79**	**1239**	**0**	**1239**				**2370**
	Oct 2015	53	70	7	77	0	77	128	6025.56	3181	98
	Nov 2015	48	68	3	74	0	74	128	6025.32	3172	100
	Dec 2015	35	66	2	77	0	77	127	6024.99	3160	102
	Jan 2016	40	73	2	77	0	77	127	6024.84	3154	102
	Feb 2016	45	76	2	72	0	72	127	6024.89	3156	100
	Mar 2016	102	113	3	77	0	77	128	6025.75	3188	154
	Apr 2016	134	137	5	94	0	94	130	6026.73	3224	310
	May 2016	245	189	8	190	0	190	129	6026.52	3217	721
	Jun 2016	390	295	10	106	0	106	136	6031.03	3389	526
	Jul 2016	210	125	14	109	0	109	136	6031.08	3391	209
	Aug 2016	89	104	13	109	0	109	136	6030.64	3374	134
	Sep 2016	55	80	11	106	0	106	134	6029.73	3339	125
	WY 2016	**1445**	**1397**	**80**	**1167**	**0**	**1167**				**2681**
	Oct 2016	59	81	7	109	0	109	133	6028.84	3305	141
	Nov 2016	51	77	3	106	0	106	132	6028.05	3274	137
	Dec 2016	35	74	2	109	0	109	130	6027.10	3238	134
	Jan 2017	40	81	2	109	0	109	129	6026.32	3209	134
	Feb 2017	45	81	2	99	0	99	128	6025.81	3190	126
	Mar 2017	102	120	3	109	0	109	129	6026.02	3198	186

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2015 24-Month Study

Most Probable Inflow*

Taylor Park Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Apr 2014	12	13	9310.23	70
H	May 2014	31	27	9312.59	74
I	Jun 2014	49	28	9324.29	95
S	Jul 2014	19	25	9320.83	88
T	Aug 2014	12	19	9316.50	81
O	Sep 2014	10	14	9314.21	77
	WY 2014	**161**	**154**		
R	Oct 2014	10	8	9315.40	79
I	Nov 2014	7	6	9315.85	80
C	Dec 2014	6	6	9315.74	79
A	Jan 2015	6	6	9315.48	79
L	Feb 2015	4	5	9314.94	78
*	Mar 2015	7	6	9315.31	79
	Apr 2015	10	8	9316.47	81
	May 2015	27	14	9323.61	94
	Jun 2015	23	18	9326.21	99
	Jul 2015	11	18	9322.55	92
	Aug 2015	7	18	9316.47	81
	Sep 2015	6	15	9311.10	72
	WY 2015	**122**	**128**		
	Oct 2015	6	8	9309.74	69
	Nov 2015	5	6	9308.98	68
	Dec 2015	5	6	9308.13	67
	Jan 2016	4	6	9307.05	65
	Feb 2016	4	6	9305.59	63
	Mar 2016	4	6	9304.53	62
	Apr 2016	9	6	9306.39	64
	May 2016	28	14	9315.27	79
	Jun 2016	42	20	9327.05	100
	Jul 2016	20	22	9326.10	98
	Aug 2016	10	22	9319.89	87
	Sep 2016	7	18	9313.81	76
	WY 2016	**144**	**140**		
	Oct 2016	7	12	9310.55	71
	Nov 2016	5	6	9310.00	70
	Dec 2016	5	6	9309.16	69
	Jan 2017	4	6	9308.10	67
	Feb 2017	4	6	9306.66	65
	Mar 2017	4	6	9305.62	63

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2015 24-Month Study

Most Probable Inflow*

Blue Mesa Reservoir

	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Apr 2014	129	130	1	28	0	28	7480.43	509
H	May 2014	242	240	1	69	3	72	7501.73	676
I	Jun 2014	361	338	1	185	142	353	7499.76	659
S	Jul 2014	117	123	1	118	0	118	7500.15	663
T	Aug 2014	64	72	1	104	0	104	7496.00	629
O	Sep 2014	48	52	1	81	0	81	7492.28	599
	WY 2014	**1145**	**1138**	**8**	**708**	**145**	**879**		
R	Oct 2014	55	53	1	64	0	64	7490.77	587
I	Nov 2014	37	36	0	27	0	27	7491.85	596
C	Dec 2014	34	34	0	55	0	55	7489.11	574
A	Jan 2015	30	30	0	58	0	58	7485.48	547
L	Feb 2015	28	29	0	29	0	29	7485.47	547
*	Mar 2015	54	53	0	26	0	26	7488.96	573
	Apr 2015	90	88	1	45	0	45	7494.34	616
	May 2015	180	167	1	66	0	66	7506.46	715
	Jun 2015	150	145	1	70	0	70	7514.90	789
	Jul 2015	60	67	2	104	0	104	7510.58	751
	Aug 2015	42	53	1	115	0	115	7503.19	688
	Sep 2015	34	43	1	100	0	100	7496.12	630
	WY 2015	**792**	**797**	**9**	**758**	**0**	**758**		
	Oct 2015	36	38	1	60	0	60	7493.27	607
	Nov 2015	30	31	0	28	0	28	7493.65	610
	Dec 2015	26	27	0	55	0	55	7490.00	581
	Jan 2016	24	26	0	61	0	61	7485.40	546
	Feb 2016	22	25	0	51	0	51	7481.84	519
	Mar 2016	36	38	0	43	0	43	7481.05	514
	Apr 2016	77	74	1	42	0	42	7485.29	545
	May 2016	221	207	1	150	0	150	7492.51	601
	Jun 2016	261	239	1	60	0	60	7513.77	779
	Jul 2016	117	119	2	94	0	94	7516.40	803
	Aug 2016	63	75	1	122	0	122	7510.99	754
	Sep 2016	38	49	1	116	0	116	7502.99	686
	WY 2016	**951**	**947**	**9**	**882**	**0**	**882**		
	Oct 2016	38	44	1	77	0	77	7498.88	652
	Nov 2016	31	32	0	47	0	47	7497.01	637
	Dec 2016	26	27	0	82	0	82	7490.00	581
	Jan 2017	24	26	0	73	0	73	7483.81	534
	Feb 2017	22	25	0	50	0	50	7480.34	509
	Mar 2017	36	38	0	43	0	43	7479.55	503

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2015 24-Month Study

Most Probable Inflow*

Morrow Point Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Apr 2014	143	28	13	41	42	0	42	7146.13	106
H	May 2014	268	72	26	98	93	0	93	7152.55	111
I	Jun 2014	379	353	18	372	295	63	382	7138.91	101
S	Jul 2014	120	118	3	122	82	8	110	7153.91	112
T	Aug 2014	64	104	1	105	104	0	104	7154.40	113
O	Sep 2014	49	81	1	82	82	0	82	7153.75	112
	WY 2014	**1215**	**879**	**70**	**949**	**782**	**73**	**949**		
R	Oct 2014	56	64	1	65	49	0	68	7149.96	109
I	Nov 2014	38	27	2	29	23	0	26	7154.03	112
C	Dec 2014	35	55	1	56	56	0	56	7153.68	112
A	Jan 2015	30	58	1	58	60	0	60	7152.01	111
L	Feb 2015	29	29	1	30	31	0	31	7151.25	110
*	Mar 2015	56	26	3	29	28	0	28	7151.69	110
	Apr 2015	100	45	10	55	53	0	53	7153.73	112
	May 2015	200	66	20	86	86	0	86	7153.73	112
	Jun 2015	158	70	8	78	78	0	78	7153.73	112
	Jul 2015	62	104	2	106	106	0	106	7153.73	112
	Aug 2015	45	115	3	118	118	0	118	7153.73	112
	Sep 2015	37	100	3	103	103	0	103	7153.73	112
	WY 2015	**846**	**758**	**54**	**812**	**790**	**0**	**812**		
	Oct 2015	38	60	3	63	63	0	63	7153.73	112
	Nov 2015	32	28	2	30	30	0	30	7153.73	112
	Dec 2015	28	55	2	58	58	0	58	7153.73	112
	Jan 2016	27	61	2	63	63	0	63	7153.73	112
	Feb 2016	25	51	3	54	54	0	54	7153.73	112
	Mar 2016	40	43	4	47	47	0	47	7153.73	112
	Apr 2016	88	42	11	53	53	0	53	7153.73	112
	May 2016	247	150	26	176	176	0	176	7153.73	112
	Jun 2016	281	60	20	80	80	0	80	7153.73	112
	Jul 2016	123	94	6	100	100	0	100	7153.73	112
	Aug 2016	67	122	3	125	125	0	125	7153.73	112
	Sep 2016	41	116	3	119	119	0	119	7153.73	112
	WY 2016	**1037**	**882**	**85**	**967**	**967**	**0**	**967**		
	Oct 2016	41	77	3	80	80	0	80	7153.73	112
	Nov 2016	33	47	2	49	49	0	49	7153.73	112
	Dec 2016	28	82	2	85	85	0	85	7153.73	112
	Jan 2017	27	73	2	75	75	0	75	7153.73	112
	Feb 2017	25	50	3	53	53	0	53	7153.73	112
	Mar 2017	40	43	4	47	47	0	47	7153.73	112

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2015 24-Month Study

Most Probable Inflow*

Crystal Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
*	Apr 2014	154	42	11	53	53	0	53	6743.26	14	28	26
H	May 2014	297	93	29	122	88	22	118	6758.88	19	52	69
I	Jun 2014	414	382	35	417	108	126	419	6751.56	17	61	378
S	Jul 2014	130	110	10	120	119	2	120	6749.06	16	67	59
T	Aug 2014	69	104	4	109	108	0	108	6749.65	16	65	48
O	Sep 2014	53	82	4	86	84	3	87	6747.57	15	62	26
	WY 2014	**1337**	**949**	**123**	**1071**	**690**	**187**	**1071**			**374**	**738**
R	Oct 2014	61	68	5	73	74	0	74	6745.88	15	48	27
I	Nov 2014	43	26	5	30	29	0	30	6748.06	16	0	29
C	Dec 2014	39	56	5	61	61	0	61	6746.42	15	1	62
A	Jan 2015	35	60	5	64	55	9	64	6746.05	15	1	65
L	Feb 2015	34	31	4	35	11	22	33	6751.96	17	0	34
*	Mar 2015	63	28	6	35	35	0	35	6752.00	17	1	34
	Apr 2015	113	53	13	66	66	0	66	6753.04	17	30	36
	May 2015	225	86	25	111	111	0	111	6753.04	17	55	56
	Jun 2015	175	78	17	95	95	0	95	6753.04	17	60	35
	Jul 2015	67	106	5	111	111	0	111	6753.04	17	65	46
	Aug 2015	49	118	4	122	122	0	122	6753.04	17	65	57
	Sep 2015	42	103	5	108	108	0	108	6753.04	17	55	53
	WY 2015	**946**	**812**	**99**	**911**	**878**	**32**	**910**			**381**	**534**
	Oct 2015	44	63	5	68	68	0	68	6753.04	17	30	38
	Nov 2015	37	30	4	35	35	0	35	6753.04	17	0	35
	Dec 2015	32	58	5	62	62	0	62	6753.04	17	0	62
	Jan 2016	31	63	5	68	68	0	68	6753.04	17	0	68
	Feb 2016	29	54	4	57	57	0	57	6753.04	17	0	57
	Mar 2016	46	47	6	53	53	0	53	6753.04	17	5	48
	Apr 2016	101	53	12	66	66	0	66	6753.04	17	30	36
	May 2016	281	176	34	210	134	76	210	6753.04	17	55	155
	Jun 2016	315	80	34	114	114	0	114	6753.04	17	60	54
	Jul 2016	138	100	14	114	114	0	114	6753.04	17	65	49
	Aug 2016	75	125	8	134	134	0	134	6753.04	17	65	69
	Sep 2016	47	119	6	125	125	0	125	6753.04	17	55	70
	WY 2016	**1175**	**967**	**139**	**1106**	**1030**	**76**	**1106**			**365**	**741**
	Oct 2016	47	80	6	86	86	0	86	6753.04	17	30	56
	Nov 2016	38	49	5	54	54	0	54	6753.04	17	0	54
	Dec 2016	32	85	5	89	89	0	89	6753.04	17	0	89
	Jan 2017	31	75	5	80	80	0	80	6753.04	17	0	80
	Feb 2017	29	53	4	56	56	0	56	6753.04	17	0	56
	Mar 2017	46	47	6	53	53	0	53	6753.04	17	5	48

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2015 24-Month Study

Most Probable Inflow*

Vallecito Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Apr 2014	28	16	7657.59	106
H	May 2014	59	43	7663.60	122
I	Jun 2014	47	50	7662.12	118
S	Jul 2014	15	38	7653.12	95
T	Aug 2014	14	32	7645.08	75
O	Sep 2014	22	28	7642.43	70
	WY 2014	**238**	**229**		
R	Oct 2014	23	5	7650.16	87
I	Nov 2014	10	3	7652.74	94
C	Dec 2014	6	4	7653.53	96
A	Jan 2015	6	5	7654.18	97
L	Feb 2015	7	4	7655.19	100
*	Mar 2015	13	12	7655.67	101
	Apr 2015	25	9	7661.88	117
	May 2015	45	36	7664.96	125
	Jun 2015	34	43	7661.33	116
	Jul 2015	11	42	7648.96	84
	Aug 2015	12	38	7637.11	58
	Sep 2015	11	30	7626.86	39
	WY 2015	**204**	**230**		
	Oct 2015	12	17	7623.31	34
	Nov 2015	8	1	7627.20	40
	Dec 2015	6	2	7629.96	45
	Jan 2016	5	2	7632.06	48
	Feb 2016	5	1	7633.78	52
	Mar 2016	9	2	7637.27	59
	Apr 2016	23	1	7647.12	80
	May 2016	71	31	7662.99	120
	Jun 2016	70	65	7664.86	125
	Jul 2016	29	41	7659.97	112
	Aug 2016	20	38	7652.74	94
	Sep 2016	17	29	7647.70	82
	WY 2016	**276**	**230**		
	Oct 2016	16	16	7647.27	81
	Nov 2016	9	1	7650.30	88
	Dec 2016	6	2	7652.24	92
	Jan 2017	5	2	7653.77	96
	Feb 2017	5	1	7655.06	99
	Mar 2017	9	2	7657.75	106

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2015 24-Month Study

Most Probable Inflow*

Navajo Reservoir

	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azetea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Farmington Flow (1000 Ac-Ft)
*	Apr 2014	123	14	98	2	21	18	6034.32	1053	64
H	May 2014	176	20	141	3	31	17	6042.68	1142	115
I	Jun 2014	116	19	98	4	39	20	6045.77	1177	148
S	Jul 2014	14	2	35	4	44	29	6042.03	1135	64
T	Aug 2014	14	1	32	3	37	39	6037.72	1088	61
O	Sep 2014	39	1	47	2	22	31	6036.99	1081	61
	WY 2014	**696**	**62**	**626**	**23**	**203**	**253**			**754**
R	Oct 2014	68	1	46	1	7	21	6038.47	1096	65
I	Nov 2014	28	0	21	1	0	21	6038.43	1096	46
C	Dec 2014	19	0	17	1	0	21	6037.94	1091	43
A	Jan 2015	23	0	21	1	0	21	6037.90	1090	39
L	Feb 2015	29	1	25	1	0	19	6038.43	1096	40
*	Mar 2015	90	7	83	1	3	23	6043.43	1150	57
	Apr 2015	110	13	81	2	20	22	6046.70	1187	77
	May 2015	126	19	98	3	33	22	6050.21	1228	119
	Jun 2015	63	10	62	4	49	21	6049.28	1217	101
	Jul 2015	11	1	41	4	53	33	6045.05	1169	61
	Aug 2015	20	0	46	3	44	34	6041.83	1133	59
	Sep 2015	27	0	45	2	25	26	6041.15	1125	48
	WY 2015	**612**	**52**	**585**	**24**	**233**	**283**			**754**
	Oct 2015	35	1	40	2	9	22	6041.88	1133	44
	Nov 2015	29	0	23	1	0	21	6042.00	1135	37
	Dec 2015	25	0	20	1	0	22	6041.83	1133	37
	Jan 2016	22	0	18	1	0	22	6041.47	1129	35
	Feb 2016	30	0	27	1	0	20	6042.02	1135	33
	Mar 2016	92	1	84	1	5	22	6046.98	1191	44
	Apr 2016	170	13	135	2	20	21	6054.76	1283	73
	May 2016	277	39	198	4	34	40	6064.33	1404	186
	Jun 2016	224	32	186	4	49	86	6067.79	1450	237
	Jul 2016	66	7	72	5	53	33	6066.42	1432	100
	Aug 2016	45	1	62	4	44	45	6064.05	1400	84
	Sep 2016	43	1	54	3	24	49	6062.43	1379	81
	WY 2016	**1059**	**95**	**918**	**27**	**237**	**400**			**991**
	Oct 2016	47	1	46	2	8	22	6063.53	1393	50
	Nov 2016	34	1	26	1	0	21	6063.82	1397	39
	Dec 2016	25	0	20	1	0	22	6063.67	1395	37
	Jan 2017	22	0	18	1	0	22	6063.36	1391	35
	Feb 2017	30	0	27	1	0	19	6063.86	1398	32
	Mar 2017	92	2	83	2	5	22	6067.97	1453	44

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Managing Water in the West

April 2015 24-Month Study

Most Probable Inflow*

Lake Powell

	Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry Gage (1000 Ac-Ft)
*	Apr 2014	964	774	19	502	0	502	3577.56	4832	9732	512
H	May 2014	2082	1632	24	493	0	493	3589.38	4915	10764	498
I	Jun 2014	3039	2676	42	598	0	598	3609.19	5066	12649	609
S	Jul 2014	838	730	53	800	0	800	3608.05	5056	12535	814
T	Aug 2014	517	615	53	801	0	801	3605.82	5039	12314	818
O	Sep 2014	511	622	48	604	0	604	3605.53	5037	12286	619
	WY 2014	**10381**	**9287**	**347**	**7337**	**143**	**7480**				**7568**
R	Oct 2014	716	636	34	598	0	598	3605.57	5037	12290	613
I	Nov 2014	423	420	32	645	132	777	3601.87	5008	11929	780
C	Dec 2014	409	465	25	864	0	864	3597.75	4977	11537	880
A	Jan 2015	348	449	8	862	0	862	3593.57	4945	11147	878
L	Feb 2015	424	464	8	589	0	589	3592.23	4936	11024	595
*	Mar 2015	552	543	14	649	0	649	3591.02	4927	10913	656
	Apr 2015	720	566	21	600	0	600	3590.46	4923	10862	610
	May 2015	1230	1053	25	700	0	700	3593.77	4947	11165	708
	Jun 2015	1300	1136	40	800	0	800	3596.70	4969	11438	809
	Jul 2015	500	575	48	1050	0	1050	3591.47	4930	10954	1065
	Aug 2015	280	425	47	800	0	800	3587.15	4899	10564	817
	Sep 2015	280	398	42	710	0	710	3583.43	4873	10236	723
	WY 2015	**7182**	**7130**	**343**	**8868**	**132**	**9000**				**9134**
	Oct 2015	405	450	29	600	0	600	3581.52	4859	10071	609
	Nov 2015	423	439	27	600	0	600	3579.50	4845	9896	606
	Dec 2015	363	431	21	800	0	800	3575.21	4816	9535	806
	Jan 2016	361	434	6	800	0	800	3571.02	4789	9190	809
	Feb 2016	393	439	7	650	0	650	3568.53	4773	8988	655
	Mar 2016	665	583	11	650	0	650	3567.62	4767	8916	656
	Apr 2016	1056	865	18	600	0	600	3570.46	4785	9145	610
	May 2016	2343	2051	23	650	0	650	3585.53	4887	10421	658
	Jun 2016	2666	2125	39	800	0	800	3598.53	4983	11611	809
	Jul 2016	1091	993	49	1000	0	1000	3597.98	4978	11558	1015
	Aug 2016	500	625	49	1050	0	1050	3593.27	4943	11119	1067
	Sep 2016	408	567	44	800	0	800	3590.47	4923	10863	813
	WY 2016	**10674**	**10000**	**324**	**9000**	**0**	**9000**				**9113**
	Oct 2016	512	586	30	600	0	600	3590.01	4919	10821	609
	Nov 2016	473	531	29	600	0	600	3589.01	4912	10731	606
	Dec 2016	363	490	23	800	0	800	3585.55	4888	10423	806
	Jan 2017	361	478	7	800	0	800	3582.08	4863	10118	809
	Feb 2017	393	464	7	650	0	650	3580.00	4849	9939	655
	Mar 2017	665	615	12	650	0	650	3579.49	4845	9896	656

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2015 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Glen Release (1000 Ac-Ft)	Side Inflow Glen to Hoover (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Apr 2014	502	17	41	1134	19.1	20	1130	731	1094.55	11254
H	May 2014	493	13	46	1086	17.7	30	1084	692	1087.46	10639
I	Jun 2014	598	10	54	959	16.1	28	958	665	1082.66	10233
S	Jul 2014	800	54	67	943	15.3	27	941	654	1080.60	10061
T	Aug 2014	801	113	71	735	12.0	23	727	659	1081.55	10140
O	Sep 2014	604	140	58	686	11.5	19	684	658	1081.33	10121
	WY 2014	**7480**	**677**	**567**	**9759**		**216**	**9716**			
R	Oct 2014	598	68	43	472	7.7	21	461	666	1082.79	10244
I	Nov 2014	777	44	43	695	11.7	13	692	670	1083.57	10309
C	Dec 2014	864	56	37	493	8.0	8	492	693	1087.79	10667
A	Jan 2015	862	73	31	832	13.5	6	832	697	1088.51	10729
L	Feb 2015	589	89	28	600	10.8	7	599	700	1088.98	10769
*	Mar 2015	649	57	31	1034	16.8	14	1025	677	1084.87	10419
	Apr 2015	600	76	38	1111	18.7	22	1111	647	1079.31	9954
	May 2015	700	49	43	1051	17.1	30	1051	624	1075.01	9602
	Jun 2015	800	23	52	911	15.3	30	911	614	1073.03	9442
	Jul 2015	1050	67	65	881	14.3	31	881	622	1074.66	9573
	Aug 2015	800	127	69	801	13.0	29	801	624	1074.98	9599
	Sep 2015	710	114	57	745	12.5	17	745	624	1075.05	9605
	WY 2015	**9000**	**844**	**537**	**9627**		**230**	**9601**			
	Oct 2015	600	61	42	467	7.6	21	467	632	1076.57	9728
	Nov 2015	600	50	42	582	9.8	12	582	633	1076.74	9743
	Dec 2015	800	96	36	540	8.8	8	540	652	1080.30	10036
	Jan 2016	800	72	30	702	11.4	9	702	660	1081.78	10159
	Feb 2016	650	77	28	629	10.9	8	629	664	1082.48	10217
	Mar 2016	650	61	31	1033	16.8	16	1033	642	1078.32	9872
	Apr 2016	600	76	37	1093	18.4	22	1093	613	1072.82	9425
	May 2016	650	49	42	1001	16.3	30	1001	590	1068.41	9074
	Jun 2016	800	23	50	923	15.5	30	923	579	1066.25	8904
	Jul 2016	1000	67	63	877	14.3	32	877	585	1067.39	8993
	Aug 2016	1050	127	67	786	12.8	30	786	602	1070.87	9269
	Sep 2016	800	114	56	727	12.2	17	727	609	1072.21	9376
	WY 2016	**9000**	**874**	**523**	**9360**		**233**	**9360**			
	Oct 2016	600	61	41	482	7.8	21	482	617	1073.58	9486
	Nov 2016	600	50	41	633	10.6	12	633	614	1073.17	9453
	Dec 2016	800	96	36	557	9.1	8	557	632	1076.59	9730
	Jan 2017	800	72	29	702	11.4	9	702	640	1078.09	9853
	Feb 2017	650	77	27	625	11.3	8	625	644	1078.84	9915
	Mar 2017	650	61	30	1033	16.8	16	1033	622	1074.61	9569

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2015 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Apr 2014	1134	-21	17	1054	0	1054	17.7	643.13	1702
H	May 2014	1086	-17	22	1023	0	1022	16.6	644.01	1726
I	Jun 2014	959	-19	25	947	0	947	15.9	642.83	1694
S	Jul 2014	943	-10	25	900	0	900	14.6	643.10	1701
T	Aug 2014	735	-6	23	697	0	697	11.3	643.43	1711
O	Sep 2014	686	-6	18	727	0	727	12.2	641.03	1645
	WY 2014	**9759**	**-139**	**198**	**9400**	**0**	**9400**			
R	Oct 2014	472	10	15	642	0	642	10.4	634.40	1470
I	Nov 2014	695	-6	10	629	0	629	10.6	636.32	1520
C	Dec 2014	493	-2	9	445	0	445	7.2	637.75	1558
A	Jan 2015	832	-22	10	660	0	660	10.7	642.98	1698
L	Feb 2015	600	-8	10	625	0	625	11.3	641.43	1656
*	Mar 2015	1034	-21	13	963	0	963	15.7	642.78	1693
	Apr 2015	1111	-19	17	1069	0	1069	18.0	643.00	1699
	May 2015	1051	-15	22	1014	0	1014	16.5	643.00	1699
	Jun 2015	911	-17	25	895	0	895	15.0	642.00	1671
	Jul 2015	881	-13	25	856	0	856	13.9	641.50	1658
	Aug 2015	801	-10	23	768	0	768	12.5	641.50	1658
	Sep 2015	745	-6	18	761	0	761	12.8	640.01	1617
	WY 2015	**9627**	**-130**	**197**	**9327**	**0**	**9327**			
	Oct 2015	467	1	15	637	0	637	10.4	633.00	1434
	Nov 2015	582	-11	10	510	0	510	8.6	635.00	1486
	Dec 2015	540	-12	9	421	0	421	6.8	638.71	1583
	Jan 2016	702	-13	10	597	0	597	9.7	641.80	1666
	Feb 2016	629	-13	10	606	0	606	10.5	641.80	1666
	Mar 2016	1033	-15	13	970	0	970	15.8	643.05	1700
	Apr 2016	1093	-19	17	1059	0	1059	17.8	643.00	1699
	May 2016	1001	-15	22	964	0	964	15.7	643.00	1699
	Jun 2016	923	-17	25	908	0	908	15.3	642.00	1671
	Jul 2016	877	-13	25	852	0	852	13.9	641.50	1658
	Aug 2016	786	-10	23	753	0	753	12.3	641.50	1658
	Sep 2016	727	-6	18	743	0	743	12.5	640.01	1617
	WY 2016	**9360**	**-143**	**197**	**9020**	**0**	**9020**			
	Oct 2016	482	1	15	651	0	651	10.6	633.00	1434
	Nov 2016	633	-11	10	561	0	561	9.4	635.00	1486
	Dec 2016	557	-12	9	438	0	438	7.1	638.71	1583
	Jan 2017	702	-13	10	596	0	596	9.7	641.80	1666
	Feb 2017	625	-13	10	603	0	603	10.9	641.80	1666
	Mar 2017	1033	-15	13	971	0	971	15.8	643.05	1700

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2015 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	Apr 2014	1054	24	11	756	12.7	105	178	448.11	582	241	4.0
H	May 2014	1022	-3	13	694	11.3	110	184	448.48	589	115	1.9
I	Jun 2014	947	11	15	713	12.0	95	133	447.90	578	268	1.9
S	Jul 2014	900	18	17	685	11.1	105	93	448.27	585	118	1.9
T	Aug 2014	697	26	17	495	8.1	106	99	448.10	582	100	1.6
O	Sep 2014	727	13	15	474	8.0	102	140	448.17	583	90	1.5
	WY 2014	**9400**	**169**	**140**	**6496**		**1137**	**1685**			**1742**	
R	Oct 2014	642	16	12	432	7.0	105	135	446.41	550	65	1.1
I	Nov 2014	629	9	9	351	5.9	102	147	447.77	576	89	1.5
C	Dec 2014	445	18	7	240	3.9	109	132	446.36	549	98	1.6
A	Jan 2015	660	17	6	348	5.7	105	180	448.22	584	146	2.4
L	Feb 2015	625	10	8	473	8.5	54	109	447.38	568	172	3.1
*	Mar 2015	963	2	9	707	11.5	85	146	447.89	578	219	3.6
	Apr 2015	1069	23	11	794	13.3	102	175	448.00	580	209	3.5
	May 2015	1014	17	13	706	11.5	105	181	448.70	593	101	1.6
	Jun 2015	895	15	16	707	11.9	102	72	448.70	593	100	1.7
	Jul 2015	856	29	17	691	11.2	105	72	448.00	580	103	1.7
	Aug 2015	768	27	17	589	9.6	105	82	447.50	571	92	1.5
	Sep 2015	761	23	15	523	8.8	102	135	447.50	571	89	1.5
	WY 2015	**9327**	**207**	**140**	**6561**		**1180**	**1567**			**1484**	
	Oct 2015	637	25	12	488	7.9	37	117	447.50	571	63	1.0
	Nov 2015	510	27	9	375	6.3	32	115	447.50	571	97	1.6
	Dec 2015	421	21	7	300	4.9	35	115	446.50	552	110	1.8
	Jan 2016	597	18	6	354	5.8	77	172	446.50	552	130	2.1
	Feb 2016	606	11	8	441	7.7	71	92	446.50	552	161	2.8
	Mar 2016	970	15	9	741	12.1	77	145	446.70	555	205	3.3
	Apr 2016	1059	23	11	783	13.2	74	167	448.70	593	205	3.4
	May 2016	964	17	13	705	11.5	77	173	448.70	593	113	1.8
	Jun 2016	908	15	16	695	11.7	74	124	448.70	593	111	1.9
	Jul 2016	852	29	17	702	11.4	77	86	448.00	580	119	1.9
	Aug 2016	753	27	17	599	9.7	77	85	447.50	571	100	1.6
	Sep 2016	743	23	15	545	9.2	74	123	447.50	571	89	1.5
	WY 2016	**9020**	**252**	**139**	**6729**		**780**	**1516**			**1504**	
	Oct 2016	651	25	12	451	7.3	77	130	447.50	571	55	0.9
	Nov 2016	561	27	9	372	6.3	74	127	447.50	571	103	1.7
	Dec 2016	438	21	7	277	4.5	77	114	446.50	552	108	1.7
	Jan 2017	596	18	6	352	5.7	78	173	446.50	552	130	2.1
	Feb 2017	603	11	8	438	7.9	69	92	446.50	552	161	2.9
	Mar 2017	971	15	9	739	12.0	78	146	446.70	555	205	3.3

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2015 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Apr 2014	1134	19.1	1094.55	11254	-635	447.66	1146.0	459.8	68	405.6
H	May 2014	1086	17.7	1087.46	10639	-615	440.39	1341.0	431.0	81	397.1
I	Jun 2014	959	16.1	1082.66	10233	-406	437.98	1541.0	372.9	93	388.7
S	Jul 2014	943	15.3	1080.60	10061	-172	434.94	1615.0	363.6	100	385.7
T	Aug 2014	735	12.0	1081.55	10140	79	436.53	1493.0	279.3	94	379.9
O	Sep 2014	686	11.5	1081.33	10121	-18	437.59	1493.0	262.1	94	382.2
	WY 2014	**9759**							**3910.2**		
R	Oct 2014	472	7.7	1082.79	10244	122	442.74	1282.0	180.0	81	381.5
I	Nov 2014	695	11.7	1083.57	10309	65	437.62	1079.0	270.7	68	389.5
C	Dec 2014	493	8.0	1087.79	10667	358	446.86	889.0	189.0	55	383.3
A	Jan 2015	832	13.5	1088.51	10729	62	441.51	1018.0	333.5	63	400.6
L	Feb 2015	600	10.8	1088.98	10769	40	444.73	848.0	239.1	52	398.4
*	Mar 2015	1034	16.8	1084.87	10419	-350	440.21	952.0	412.2	60	398.7
	Apr 2015	1111	18.7	1079.31	9954	-465	431.19	1217.0	442.6	76	398.4
	May 2015	1051	17.1	1075.01	9602	-352	425.63	1265.0	406.3	82	386.4
	Jun 2015	911	15.3	1073.03	9442	-159	420.92	1532.0	345.1	100	378.9
	Jul 2015	881	14.3	1074.66	9573	131	421.24	1542.0	338.6	100	384.2
	Aug 2015	801	13.0	1074.98	9599	26	422.36	1544.0	305.4	100	381.4
	Sep 2015	745	12.5	1075.05	9605	6	423.04	1545.0	283.2	100	380.3
	WY 2015	**9627**							**3745.8**		
	Oct 2015	467	7.6	1076.57	9728	124	430.03	953.0	180.0	62	385.4
	Nov 2015	582	9.8	1076.74	9743	14	433.22	952.0	226.8	61	389.6
	Dec 2015	540	8.8	1080.30	10036	293	431.20	1260.0	204.2	80	378.4
	Jan 2016	702	11.4	1081.78	10159	123	432.65	1095.0	273.5	69	389.6
	Feb 2016	629	10.9	1082.48	10217	59	431.89	1221.0	242.1	77	384.8
	Mar 2016	1033	16.8	1078.32	9872	-345	429.85	1190.0	404.0	76	391.3
	Apr 2016	1093	18.4	1072.82	9425	-448	424.11	1244.0	425.5	81	389.1
	May 2016	1001	16.3	1068.41	9074	-351	418.64	1306.0	376.2	87	375.9
	Jun 2016	923	15.5	1066.25	8904	-170	414.30	1496.0	344.6	100	373.3
	Jul 2016	877	14.3	1067.39	8993	89	414.28	1503.0	331.2	100	377.5
	Aug 2016	786	12.8	1070.87	9269	276	416.73	1522.0	295.3	100	375.6
	Sep 2016	727	12.2	1072.21	9376	107	419.61	1522.8	273.4	100	376.2
	WY 2016	**9360**							**3576.9**		
	Oct 2016	482	7.8	1073.58	9486	110	427.14	945.9	185.2	62	384.5
	Nov 2016	633	10.6	1073.17	9453	-33	429.96	935.6	244.1	61	385.7
	Dec 2016	557	9.1	1076.59	9730	277	427.58	1237.2	210.2	80	377.3
	Jan 2017	702	11.4	1078.09	9853	123	428.97	1075.6	271.2	69	386.4
	Feb 2017	625	11.3	1078.84	9915	62	428.25	1199.6	239.8	77	383.3
	Mar 2017	1033	16.8	1074.61	9569	-346	426.20	1168.1	400.8	76	388.0

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2015 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Apr 2014	1054	17.7	643.13	1702	42	141.55	255.0	132.2	100	125.4
H	May 2014	1023	16.6	644.01	1726	24	143.52	255.0	127.7	100	124.9
I	Jun 2014	947	15.9	642.83	1694	-32	141.57	255.0	119.3	100	126.0
S	Jul 2014	900	14.6	643.10	1701	7	143.48	255.0	112.8	100	125.4
T	Aug 2014	697	11.3	643.43	1711	9	143.79	255.0	88.3	100	126.7
O	Sep 2014	727	12.2	641.03	1645	-65	138.41	255.0	91.5	100	126.0
	WY 2014	**9400**							**1175.6**		
R	Oct 2014	642	10.4	634.40	1470	-175	134.93	191.3	72.3	75	112.7
I	Nov 2014	629	10.6	636.32	1520	50	136.47	158.1	74.4	62	118.2
C	Dec 2014	445	7.2	637.75	1558	37	134.54	165.8	52.7	65	118.4
A	Jan 2015	660	10.7	642.98	1698	141	141.44	163.2	82.8	64	125.4
L	Feb 2015	625	11.3	641.43	1656	-42	140.07	188.7	79.9	74	127.8
*	Mar 2015	963	15.7	642.78	1693	37	139.75	229.5	123.2	90	128.0
	Apr 2015	1069	18.0	643.00	1699	6	135.93	255.0	132.9	100	124.3
	May 2015	1014	16.5	643.00	1699	0	136.04	255.0	126.6	100	124.8
	Jun 2015	895	15.0	642.00	1671	-27	135.51	255.0	111.8	100	124.8
	Jul 2015	856	13.9	641.50	1658	-14	134.73	255.0	106.6	100	124.5
	Aug 2015	768	12.5	641.50	1658	0	134.46	255.0	95.8	100	124.7
	Sep 2015	761	12.8	640.01	1617	-40	133.68	255.0	94.3	100	124.0
	WY 2015	**9327**							**1153.2**		
	Oct 2015	637	10.4	633.00	1434	-183	129.77	234.6	77.1	92	121.0
	Nov 2015	510	8.6	635.00	1486	51	127.90	209.1	60.9	82	119.4
	Dec 2015	421	6.8	638.71	1583	97	130.45	224.4	51.6	88	122.7
	Jan 2016	597	9.7	641.80	1666	83	135.97	163.2	74.3	64	124.6
	Feb 2016	606	10.5	641.80	1666	0	137.17	173.4	76.2	68	125.7
	Mar 2016	970	15.8	643.05	1700	34	135.44	255.0	120.8	100	124.5
	Apr 2016	1059	17.8	643.00	1699	-2	136.07	255.0	131.8	100	124.5
	May 2016	964	15.7	643.00	1699	0	136.04	255.0	120.5	100	125.1
	Jun 2016	908	15.3	642.00	1671	-27	135.51	255.0	113.2	100	124.7
	Jul 2016	852	13.9	641.50	1658	-14	134.73	255.0	106.1	100	124.5
	Aug 2016	753	12.3	641.50	1658	0	134.46	255.0	94.0	100	124.8
	Sep 2016	743	12.5	640.01	1617	-40	133.68	255.0	92.2	100	124.1
	WY 2016	**9020**							**1118.9**		
	Oct 2016	651	10.6	633.00	1434	-183	129.77	234.6	78.8	92	120.9
	Nov 2016	561	9.4	635.00	1486	51	127.90	209.1	66.8	82	119.1
	Dec 2016	438	7.1	638.71	1583	97	130.45	224.4	53.7	88	122.6
	Jan 2017	596	9.7	641.80	1666	83	135.97	163.2	74.3	64	124.6
	Feb 2017	603	10.9	641.80	1666	0	137.17	173.4	75.7	68	125.6
	Mar 2017	971	15.8	643.05	1700	34	135.44	255.0	120.9	100	124.5

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2015 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Apr 2014	756	12.7	448.11	582	20	80.82	120.0	52.3	100	69.1
H	May 2014	694	11.3	448.48	589	7	80.45	106.8	49.2	89	70.8
I	Jun 2014	713	12.0	447.90	578	-11	81.61	120.0	49.8	100	69.8
S	Jul 2014	688	11.1	448.27	585	7	82.46	120.0	47.9	100	69.7
T	Aug 2014	495	8.1	448.10	582	-3	81.82	120.0	35.2	100	71.2
O	Sep 2014	474	8.0	448.17	583	1	82.36	120.0	33.7	100	70.9
	WY 2014	**6498**							**451.6**		
R	Oct 2014	432	7.0	446.41	550	-33	80.56	91.2	30.8	76	71.3
I	Nov 2014	351	5.9	447.77	576	25	81.18	96.0	24.4	80	69.4
C	Dec 2014	240	3.9	446.36	549	-26	81.87	120.0	15.5	100	64.8
A	Jan 2015	348	5.6	448.22	584	35	82.97	93.6	24.3	78	69.7
L	Feb 2015	473	8.5	447.38	568	-16	81.70	94.8	33.2	79	70.2
*	Mar 2015	707	11.5	447.89	578	10	79.76	108.0	49.6	90	70.2
	Apr 2015	794	13.3	448.00	580	2	75.32	120.0	52.5	100	66.2
	May 2015	706	11.5	448.70	593	13	75.71	120.0	46.8	100	66.2
	Jun 2015	707	11.9	448.70	593	0	76.05	120.0	47.1	100	66.6
	Jul 2015	691	11.2	448.00	580	-13	75.71	120.0	45.8	100	66.2
	Aug 2015	589	9.6	447.50	571	-9	75.13	120.0	38.5	100	65.4
	Sep 2015	523	8.8	447.50	571	0	74.89	120.0	34.0	100	65.0
	WY 2015	**6561**							**442.5**		
	Oct 2015	488	7.9	447.50	571	0	76.04	94.8	32.1	79	65.8
	Nov 2015	375	6.3	447.50	571	0	75.69	102.0	24.3	85	64.8
	Dec 2015	300	4.9	446.50	552	-19	74.40	120.0	18.8	100	62.8
	Jan 2016	354	5.8	446.50	552	0	75.01	96.0	22.7	80	64.0
	Feb 2016	441	7.7	446.50	552	0	75.13	93.6	28.7	78	65.1
	Mar 2016	741	12.1	446.70	555	4	74.01	120.0	48.2	100	65.0
	Apr 2016	783	13.2	448.70	593	38	75.08	120.0	51.7	100	66.0
	May 2016	705	11.5	448.70	593	0	76.05	120.0	46.9	100	66.5
	Jun 2016	695	11.7	448.70	593	0	76.05	120.0	46.3	100	66.5
	Jul 2016	702	11.4	448.00	580	-13	75.71	120.0	46.5	100	66.2
	Aug 2016	599	9.7	447.50	571	-9	75.13	120.0	39.2	100	65.5
	Sep 2016	545	9.2	447.50	571	0	74.89	120.0	35.5	100	65.1
	WY 2016	**6729**							**440.9**		
	Oct 2016	451	7.3	447.50	571	0	75.69	102.0	29.4	85	65.3
	Nov 2016	372	6.3	447.50	571	0	75.69	102.0	24.1	85	64.7
	Dec 2016	277	4.5	446.50	552	-19	75.20	102.0	17.4	85	63.0
	Jan 2017	352	5.7	446.50	552	0	74.71	102.0	22.4	85	63.8
	Feb 2017	438	7.9	446.50	552	0	73.92	120.0	28.1	100	64.1
	Mar 2017	739	12.0	446.70	555	4	74.01	120.0	48.1	100	65.0

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2015 24-Month Study

Most Probable Inflow*

Upper Basin Power

	Date	Glen Canyon 1000 MWHR	Flaming Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Reservoir 1000 MWHR	Fontenelle Reservoir 1000 MWHR
*	Apr 2014	206	19	7	13	9	5
H	May 2014	204	20	19	32	17	6
I	Jun 2014	260	80	54	103	21	7
S	Jul 2014	354	41	35	29	22	8
T	Aug 2014	353	48	31	37	21	9
O	Sep 2014	266	46	23	29	16	2
	Summer 2014	**1643**	**255**	**169**	**243**	**106**	**37**
R	Oct 2014	264	36	18	17	14	7
I	Nov 2014	281	30	7	7	4	6
C	Dec 2014	377	43	15	19	11	6
A	Jan 2015	373	48	16	20	10	6
L	Feb 2015	254	44	8	10	2	5
*	Mar 2015	278	48	7	9	5	6
	Winter 2015	**1827**	**250**	**72**	**83**	**46**	**37**
	Apr 2015	232	25	13	19	11	8
	May 2015	271	55	20	31	19	8
	Jun 2015	312	54	22	28	16	9
	Jul 2015	408	28	32	38	19	10
	Aug 2015	308	28	35	43	21	8
	Sep 2015	272	27	30	37	19	3
	Summer 2015	**1802**	**217**	**153**	**196**	**106**	**46**
	Oct 2015	227	28	18	23	12	5
	Nov 2015	226	27	8	11	6	5
	Dec 2015	299	28	16	21	11	5
	Jan 2016	296	28	18	23	12	5
	Feb 2016	239	26	15	19	10	4
	Mar 2016	238	28	12	17	9	4
	Winter 2016	**1526**	**165**	**88**	**113**	**59**	**29**
	Apr 2016	220	34	12	19	11	6
	May 2016	244	69	44	63	23	7
	Jun 2016	309	39	18	29	20	8
	Jul 2016	392	40	29	36	20	8
	Aug 2016	409	40	38	45	23	9
	Sep 2016	309	39	36	43	22	7
	Summer 2016	**1884**	**261**	**178**	**235**	**119**	**45**
	Oct 2016	231	40	23	29	15	6
	Nov 2016	231	39	14	18	9	6
	Dec 2016	306	40	25	30	15	6
	Jan 2017	304	40	21	27	14	6
	Feb 2017	245	36	14	19	10	5
	Mar 2017	245	40	12	17	9	5
	Winter 2017	**1317**	**194**	**98**	**123**	**63**	**28**

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2015 24-Month Study

Most Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions

Date	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Total KAF	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****EFFECTIVE SPACE****										
Apr 2015	726	256	546	13409	14937	16958	31895	206	195	185	587	13409	16958	30954	1500	1111	0	28.5
May 2015	682	214	509	13460	14865	17423	32289	154	150	127	431	13460	17423	31315	1500	1051	0	28.6
Jun 2015	680	114	468	13157	14419	17775	32195	144	36	50	230	13157	17775	31162	1500	911	0	28.9
Jul 2015	591	41	479	12884	13994	17935	31929	43	-44	8	8	12884	17935	30826	1500	881	0	28.4
								****CREDITABLE SPACE****										
Aug 2015	566	79	527	13368	14540	17804	32343	566	79	527	1172	13368	17804	32343	1500	801	0	27.9
Sep 2015	594	142	563	13758	15057	17778	32835	594	142	563	1299	13758	17778	32835	2270	745	0	27.4
Oct 2015	635	200	571	14086	15491	17772	33263	635	200	571	1405	14086	17772	33263	3040	467	0	27.2
Nov 2015	667	223	563	14251	15703	17649	33352	667	223	563	1452	14251	17649	33352	3810	582	0	27.0
Dec 2015	696	220	561	14426	15903	17634	33537	696	220	561	1477	14426	17634	33537	4580	540	0	27.0
Jan 2016	740	248	563	14787	16339	17341	33680	740	248	563	1552	14787	17341	33680	5350	702	0	26.8
								****EFFECTIVE SPACE****										
Jan 2016	740	248	563	14787	16339	17341	33680	441	248	477	1167	14787	17341	33295	5350	702	0	26.8
Feb 2016	779	283	567	15132	16761	17218	33980	478	283	480	1242	15132	17218	33592	1500	629	0	26.6
Mar 2016	809	310	561	15334	17014	17160	34173	505	310	474	1289	15334	17160	33782	1500	1033	0	26.2
Apr 2016	788	316	505	15406	17016	17505	34520	480	316	411	1207	15406	17505	34118	1500	1093	0	26.2
May 2016	756	284	413	15177	16631	17952	34583	441	284	297	1022	15177	17952	34152	1500	1001	0	27.4
Jun 2016	709	228	292	13901	15131	18303	33434	385	224	138	748	13901	18303	32953	1500	923	0	28.9
Jul 2016	444	51	246	12711	13452	18473	31925	101	23	39	163	12711	18473	31348	1500	877	0	29.0
								****CREDITABLE SPACE****										
Aug 2016	360	27	264	12764	13415	18384	31798	360	27	264	651	12764	18384	31798	1500	786	0	28.7
Sep 2016	395	75	296	13203	13968	18108	32076	395	75	296	765	13203	18108	32076	2270	727	0	28.3
Oct 2016	457	143	317	13459	14377	18001	32377	457	143	317	917	13459	18001	32377	3040	482	0	28.1
Nov 2016	514	177	303	13501	14495	17891	32385	514	177	303	994	13501	17891	32385	3810	633	0	28.0
Dec 2016	572	193	299	13591	14654	17924	32578	572	193	299	1063	13591	17924	32578	4580	557	0	27.9
Jan 2017	647	248	301	13899	15095	17647	32742	647	248	301	1196	13899	17647	32742	5350	702	0	27.7
								****EFFECTIVE SPACE****										
Jan 2017	647	248	301	13899	15095	17647	32742	296	248	181	725	13899	17647	32272	5350	702	0	27.7
Feb 2017	717	295	305	14204	15521	17524	33045	365	295	184	845	14204	17524	32572	1500	625	0	27.5
Mar 2017	773	321	298	14383	15775	17462	33237	419	321	177	917	14383	17462	32762	1500	1033	0	27.2

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2194

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May 24-Month Study
Date: May 18, 2015

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

Reservoir	April Inflow (unregulated) (acre-feet)	Percent of Average (%)	May 17, Midnight Elevation (feet)	Reservoir Storage (acre-feet)
Fontenelle	87,000	102	6491.56	238,000
Flaming Gorge	112,000	84	6026.07	3,200,000
Blue Mesa	73,000	95	7493.94	612,000
Navajo	80,000	47	6047.11	1,192,000
Powell	639,000	61	3592.18	11,019,000

Expected Operations

The operation of Lake Powell and Lake Mead in this May 2015 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines) and reflects the 2015 Annual Operating Plan (AOP). Pursuant to the Interim Guidelines, the August 2014 24-Month Study projections of the January 1, 2015, system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2015.

Consistent with Section 6.B of the Interim Guidelines, the Lake Powell operational tier for water year 2015 is the Upper Elevation Balancing Tier. The April 2015 24-Month Study projected the end of water year elevation at Lake Powell to be above 3,575 feet and the end of water year elevation at Lake Mead to be below elevation 1,075.0 feet. Therefore, in accordance with Section 6.B.4 of the 2007 Interim Guidelines, Lake Powell operations shifted to "balancing releases" for the remainder of water year 2015. Under Section 6.B.4, the contents of Lake Powell and Lake Mead will be balanced by the end of the water year, but not more than 9.0 maf and not less than 8.23 maf shall be released from Lake Powell. Based on the most probable inflow forecast, this May 24-Month Study projects a balancing release of 9.0 maf in water year 2015; the actual release in water year 2015, however, will depend on hydrology in the remainder of water year and will range from 8.23 to 9.0 maf. The projected release from Lake Powell in water year 2015 will be updated each month throughout the remainder of the water year.

Consistent with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar year 2015.

The Interim Guidelines are available for download at:
http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The 2015 AOP is available for download at:
http://www.usbr.gov/uc/water/rsvrs/ops/aop/AOP15.pdf.

Fontenelle Reservoir – Inflows to Fontenelle Reservoir for the month of April were 87,000 acre-feet (AF), or 102 percent of average. The current reservoir elevation is 6489 feet, which amounts to 64 percent of live storage capacity. This leaves a volume of 125,000 AF yet to be filled. Over the past week the average inflow rate was 4,010 cubic feet per second (cfs), with daily averages ranging from 2,730 cfs to 5,080 cfs. These flows are exceptionally high for early May and reflect this year's early spring runoff, as well as recent storm activity.

Fontenelle releases were increased from 1,250 cfs to ~1,700 cfs at the end of March, and have been held steady since that time. It is currently anticipated that releases will be reduced to 1,500 cfs on Thursday, May 21st, in response to a significant reduction in the April-July inflow forecast. However, this is subject to change with information provided in the mid-month forecast (expected Monday, May 18th), which will include the impacts of recent regional storm activity.

Reservoir inflows for the next three months are projected to be well below average with May, June, and July forecasted inflow volumes at 158,000 AF (96% of average), 175,000 AF (58% of average), and 75,000 AF (42% of average), respectively. The May final forecast of the April-July inflow volume is 495,000 AF (68% of average). This represents an 85,000 AF reduction since publication of the April final forecast.

The next Fontenelle Working Group meeting is scheduled for 10:00 am, August 26, 2015, at the Joint Powers Water Board, in Green River, Wyoming. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir.

Flaming Gorge Reservoir – Unregulated inflow into Flaming Gorge Reservoir during the month of April was 112,000 acre-feet (AF), or 84 percent of average. The reservoir elevation is 6,027 feet. Observed inflows are averaging 2,600 cubic feet per second (cfs).

Razorback sucker larvae were confirmed Friday, May 8, 2015, and Flaming Gorge Dam releases began increasing May 11, 2015. Releases will remain at full power plant (4,600 cfs) and bypass capacity (4,000 cfs) for a total release of 8,600 cfs for a maximum of five days. Flaming Gorge releases will begin decreasing once connection to the nursery floodplain habitat no longer exists or releases have been at 8,600 cfs for five days.

Once decreasing releases have reached power plant capacity (4,600 cfs) the decrease will continue at 350 cfs/day to base flows. The projected base flow release rate varies between 1,100 cfs to 1,540 cfs based on the +/- 40% flexibility outlined in the 2006 Record of Decision.

Inflows for the next three months are projected to be below average: with May, June and July forecasted inflow volumes at 185,000 AF (75% of average), 190,000 AF (49% of average), and 83,000 AF (39% of average), respectively.

The next Flaming Gorge Working Group meeting is scheduled for April 30, 2015, at 11:00 a.m. to be held in the Utah Department of Natural Resources building in Vernal, Utah. The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stake holders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations and plans presented by Reclamation at these meetings. Meeting notes from past Working Group meetings are posted on the Working Group webpage. For more information on this group and these meetings please contact Peter Crookston at 801-379-1152 or Heather Patno at 801-524-3883.

Aspinall Unit Reservoirs – April unregulated inflow into Blue Mesa Reservoir was 73,000 acre-feet or 95 percent of average. On May 5, 2015 the basin snowpack was 51 percent of average. One week later on May 11, 2015 the basin snowpack was 69 percent of average. This week was very productive with much needed rain and snow. However, the overall winter weather pattern has been dry and warmer than average. Precipitation during April was 80 percent of average. The current inflow rate into Blue Mesa Reservoir is averaging 2,200 cfs while reservoir releases are averaging about 1,800 cfs. The reservoir elevation is currently at 7492.95 feet, which corresponds to a storage content of about 604,000 acre-feet. This elevation is about 6.0 feet higher, or about 47,000 acre-feet more than a year ago.

The latest Water Supply Forecast for Water Year 2015 was issued on May 1st and the April through July unregulated inflow is forecasted to be at 440,000 acre-feet (65% of normal). This sets the senior Black Canyon Water Right call for a one day spring peak flow of 2,054 cfs, and the Aspinall ROD target at an instantaneous peak flow of 4,991 cfs. Reclamation has just completed meeting both of these target flows based on the water right and ROD recommendations. Given this operation and future forecasted flows, Blue Mesa Reservoir is not projected fill this runoff season. The projected fill is calculated to be between 7510 feet and 7512 feet. Any elevation above 7516.00 is considered a fill for the season.

Releases from Crystal are currently ramping down from meeting target peak flows and is scheduled to reach a flow of 1,400 cfs for the rest of May. The Gunnison Diversion Tunnel started taking water for the new season on March 31, 2015. The current diversion rate in the tunnel is 1,000 cfs, which will result in a river flow below the diversion tunnel of approximately 400 cfs. However, these rates will most likely change as conditions warrant, primarily as we respond to changes in hydrologic conditions.

The next meeting of the "Aspinall Unit Working Group" will be held on Thursday, August 13, 2015 starting at 1:00 PM at the Elk Creek Visitor Center at Blue Mesa Reservoir. At this meeting, review of this spring's reservoir operations, and plans for this fall and winter operations will be discussed. These meetings are open forum discussions on the Aspinall Unit reservoir operations with many interested groups participating. Anyone needing further information about these meetings should contact Erik Knight in the Grand Junction Area Office at (970) 248-0629.

Navajo Reservoir – Reclamation is currently releasing 350 cfs. Releases are made for the authorized purposes of the Navajo Unit, and to attempt to maintain a target base flow through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell). The San Juan River Basin Recovery Implementation Program recommends a target base flow of between 500 cfs and 1,000 cfs through the critical habitat area. The target base flow is calculated as the weekly average of gaged flows throughout the critical habitat area.

Navajo was at 6045.2 feet of pool elevation and 1,170,470 acre-feet of storage by the end of April, which was 86% of average for the end of the month. Modified unregulated inflow into Navajo was 80,166 acre-feet, which was 47% of average for the month. Calculated evaporation for the month was 2,199 acre-ft. NIIP diverted a total of 19,793 acre-ft. The release averaged close to 350 cfs throughout the month. Precipitation at the dam totaled 0.65 inches (61% of average).

As of May 7th, the release at Navajo (as measured at the USGS at Archuleta gage) was 350 cfs, and the observed inflow is 2,288 cfs. The reservoir elevation is 6045.95 feet and the content is 1,178,742 acre-feet, or 69% full (50% of Active). The San Juan River at Four Corners USGS gage is at 1,130 cfs, and the Animas River at Farmington USGS gage is at 1,230 cfs. Snotel sites above Navajo are showing 3.3 inches of SWE (22% of median on this date).

The most probable modified-unregulated inflow forecast for May at Navajo is 100,000 acre-feet (36% of average), for June is 40,000 acre-ft (18% of average), and for July is 10,000 acre-feet (15% of average). The April-July modified unregulated inflow forecasts are as follows:

Min Probable: 170,000 acre-feet (23% of average, a decrease of 3,000 af from mid-April)
Most Probable: 230,000 acre-ft (31% of average, a decrease of 50,000 af from mid-April)
Max Probable: 300,000 acre-ft (41% of average, a decrease of 95,000 af from mid-April)

Under all three forecast probabilities, no spring peak release is expected in 2015. The most probable forecast shows the reservoir will peak in early June at an elevation just under 6047 feet (1,190,000 acre-feet), and reach a minimum overwinter storage level near 6035 feet (1,060,000 acre-feet) in winter of 2016.

Glen Canyon Dam / Lake Powell

Current Status

The unregulated inflow volume to Lake Powell in April was 639 thousand acre-feet (kaf) (61% of average). The release volume from Glen Canyon Dam in April was 600 kaf. The end of April elevation and storage of Lake Powell were 3,590.2 feet (110 feet from full pool) and 10.84 million acre-feet (maf) (44% of full capacity), respectively. The reservoir elevation began increasing over the past week as the first of the spring runoff is now entering the reservoir.

Current Operations

The operating tier for water year 2015 was established in August 2014 as the Upper Elevation Balancing Tier. The April 2015 24-Month Study established that Lake Powell operations will be governed by balancing for the remainder of water year 2015. Under balancing, the contents of Lake Powell and Lake Mead will be balanced by the end of the water year, but not more than 9.0 maf and not less than 8.23 maf shall be released from Lake Powell. Based on the most probable inflow forecast, this May 24-Month Study projects a balancing release of 9.0 maf in water year 2015; the actual release in water year 2015, however, will depend on hydrology in the remainder of water year and will range from 8.23 to 9.0 maf. The projected release from Lake Powell in water year 2015 will be updated each month throughout the remainder of the water year. Reclamation will schedule operations at Glen Canyon Dam to achieve as practicably as possible the appropriate total annual release volume by September 30, 2015.

In May, the release volume will be approximately 700 kaf, with fluctuations anticipated between about 8,500 cfs in the nighttime to about 14,500 cfs in the daytime and consistent with the Glen Canyon Operating Criteria (Federal Register, Volume 62, No. 41, March 3, 1997). The anticipated release volume for June is 800 kaf with daily fluctuations between approximately 10,000 cfs and 15,000 cfs . The expected release for July is 1,050 kaf with daily fluctuations between approximately 14,000 cfs and 22,000 cfs.

In addition to daily scheduled fluctuations for power generation, the instantaneous releases from Glen Canyon Dam may also fluctuate to provide 40 MW of system regulation. These instantaneous release adjustments stabilize the electrical generation and transmission system and translate to a range of about 1,200 cfs above or below the hourly scheduled release rate. Under system normal conditions, fluctuations for regulation are typically short lived and generally balance out over the hour with minimal or no noticeable impacts on downstream river flow conditions.

Releases from Glen Canyon Dam can also fluctuate beyond scheduled releases when called upon to respond to unscheduled power outages or power system emergencies. Depending on the severity of the system emergency, the response from Glen Canyon Dam can be significant, within the full range of the operating capacity of the power plant

for as long as is necessary to maintain balance in the transmission system. Glen Canyon Dam typically maintains 27 MW (approximately 800 cfs) of generation capacity in reserve in order to respond to a system emergency even when generation rates are already high. System emergencies occur fairly infrequently and typically require small responses from Glen Canyon Dam. However, these responses can have a noticeable impact on the river downstream of Glen Canyon Dam.

Inflow Forecasts and Model Projections

The April to July 2015 water supply forecast for unregulated inflow to Lake Powell, issued on May 4, 2015, by the Colorado Basin River Forecast Center, projects that the most probable (median) unregulated inflow volume will be 3.00 maf (42% of average based on the period 1981-2010). The forecast decreased by 750 kaf since last month. At this point in the season, there is still uncertainty regarding the spring runoff and resulting inflow to Lake Powell. The spring runoff forecast ranges from a minimum probable of 2.25 maf (31% of average) to a maximum probable of 4.22 maf (59% of average). There is 10% chance that inflows could be higher than the maximum probable and a 10% chance they could be lower than the minimum probable.

As determined in the August 2014 24-Month Study, and documented in the 2015 Annual Operating Plan, Lake Powell's operations in water year 2015 will be governed by the Upper Elevation Balancing Tier. Because the April 2015 24-Month Study projected the end of water year elevation at Lake Powell to be above 3,575 feet and the end of water year elevation at Lake Mead to be below elevation 1,075.0 feet, Lake Powell operations shifted to balancing (Section 6.B.4 of the 2007 Interim Guidelines) for the remainder of water year 2015. Under balancing, the contents of Lake Powell and Lake Mead will be balanced by the end of the water year, but not more than 9.0 maf and not less than 8.23 maf shall be released from Lake Powell.

Based on the May most probable inflow forecast, the annual release volume from Lake Powell during water year 2015 is projected to be 9.0 maf. Under the minimum probable inflow scenario, last update in April, the water year release is projected to be 8.9 maf. Under the maximum probable inflow scenario, last updated in April, the release is projected to be 9.0 maf. There 10% chance that inflows will be lower than the minimum probable forecast, potentially resulting in lower releases. If inflows are less than the minimum probable forecast, the water year 2015 annual release could be as low as 8.23 maf. If inflows are greater than the forecasted maximum probable inflow, the annual release will be 9.0 maf. The projected release from Lake Powell in water year 2015 will be updated each month throughout the remainder of the water year.

Based on the current forecast, the May 24-Month Study projects Lake Powell's end of water year 2015 elevation to be near 3,578 feet with approximately 9.78 maf in storage (40% capacity). Projections of elevation and storage still have uncertainty at this point in the season, primarily due to uncertainty regarding spring runoff and the resulting inflow to Lake Powell. Under the minimum probable inflow scenario, last updated in April, the projected end of water year elevation and storage are 3,574 feet and 9.45 maf (39% capacity), respectively. Under the maximum probable inflow scenario, last updated in

April, the projected end of water year elevation and storage are 3,603 feet and 12.02 maf (49% capacity), respectively. Modeling of projected reservoir operations based on the minimum and maximum scenarios will be updated again in August.

Upper Colorado River Basin Hydrology

The Upper Colorado River Basin regularly experiences significant year to year hydrologic variability. During the 15-year period 2000 to 2014, however, the unregulated inflow to Lake Powell, which is a good measure of hydrologic conditions in the Colorado River Basin, was above average in only 3 out of the past 15 years. The period 2000-2014 is the lowest 15-year period since the closure of Glen Canyon Dam in 1963, with an average unregulated inflow of 8.39 maf, or 78% of the 30-year average (1981-2010). (For comparison, the 1981-2010 total water year average is 10.83 maf.) The unregulated inflow during the 2000-2014 period has ranged from a low of 2.64 maf (24% of average) in water year 2002 to a high of 15.97 maf (147% of average) in water year 2011. The water year 2014 unregulated inflow volume to Lake Powell was 10.381 maf (96% of average), which, though still below average, was significantly higher than inflows observed in 2012 and 2013 (45% and 47% of average, respectively). Under the current most probable forecast, total water year 2015 unregulated inflows to Lake Powell is projected to be 6.40 maf (59% of average), and ranges from a minimum probable inflow of 5.9 maf (54%) and maximum probable inflow of 7.9 maf (73%).

At the beginning of water year 2015, total system storage in the Colorado River Basin was 30.0 maf (50% of 59.6 maf total system capacity). This is nearly the same as the total storage at the beginning of water year 2014 which began at 29.9 maf (50% of capacity). Since the beginning of water year 2000, total Colorado Basin storage has experienced year to year increases and decreases in response to wet and dry hydrology, ranging from a high of 94% of capacity at the beginning of 2000 to a low of 50% of capacity at the beginning of water year 2015. One wet year can significantly increase total system reservoir storage, just as persistent dry years can draw down the system storage. Based on current inflow forecasts, the current projected end of water year 2015 total Colorado Basin reservoir storage is approximately 27.4 maf (45% of total system capacity). The actual end of water year system storage may vary from this projection, primarily due to uncertainty regarding this season's runoff and resulting reservoir inflow. Based on the April minimum and maximum probable inflow forecasts and modeling the range is approximately 26.1 maf (44%) to 29.5 maf (50%), respectively.

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-430
125 SOUTH STATE STREET, ROOM 6107
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-3709

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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:	Obs			apr	Forecast			Outlook	
:	jan	feb	mar	apr	%Avg	may	jun	jul	apr-jul	%Avg
GLDA3:Lake Powell	348	424	552	639	61%:	1000/	1000/	360/	3000/:	42%
GBRW4:Fontenelle	46	46	70	87	102%:	158/	175/	75/	495/:	68%
GRNU1:Flaming Gorge	67	63	77	112	84%:	185/	190/	83/	570/:	58%
BMDC2:Blue Mesa	30	28	54	73	95%:	160/	152/	55/	440/:	65%
MPSC2:Morrow Point	30	29	56	79	90%:	176/	162/	57/	474/:	64%
CLSC2:Crystal	35	34	63	85	84%:	193/	178/	59/	515/:	62%
TPIC2:Taylor Park	5.5	4.4	6.5	8.6	98%:	24/	21/	8/	62/:	63%
VCRC2:Vallecito	6.3	6.7	13.2	18.7	80%:	38/	26/	11/	94/:	48%
NVRN5:Navajo	23	29	88	80	47%:	100/	40/	10/	230/:	31%
LEMC2:Lemon	0.97	1.09	2.5	4.8	85%:	9/	6/	2.1/	22/:	40%
MPHC2:McPhee	3.9	4.7	14.6	21	29%:	52/	27/	8/	110/:	37%
RBSC2:Ridgway	4.2	3.8	6.3	6.4	60%:	21/	22/	10.5/	59/:	58%

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2015 24-Month Study

Most Probable Inflow*

Fontenelle Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	May 2014	272	1	96	126	222	6483.58	186
H	Jun 2014	427	2	104	254	364	6492.90	247
I	Jul 2014	220	3	90	1	117	6506.25	347
S	Aug 2014	98	2	100	1	108	6504.71	335
T	Sep 2014	69	2	21	66	87	6502.07	314
	WY 2014	**1424**	**15**	**811**	**478**	**1328**		
O	Oct 2014	85	1	80	10	90	6501.37	309
R	Nov 2014	53	1	69	1	69	6499.16	292
I	Dec 2014	51	1	77	0	77	6495.49	265
C	Jan 2015	46	1	77	0	77	6490.98	234
A	Feb 2015	46	1	69	1	69	6487.37	210
L	Mar 2015	70	1	78	0	78	6486.00	201
*	Apr 2015	87	1	102	0	103	6483.35	185
	May 2015	158	2	102	0	102	6491.87	241
	Jun 2015	175	2	89	0	89	6503.24	324
	Jul 2015	75	3	92	0	92	6500.65	304
	Aug 2015	45	2	64	0	64	6497.79	282
	Sep 2015	39	2	38	21	60	6494.70	260
	WY 2015	**931**	**16**	**937**	**32**	**969**		
	Oct 2015	44	1	61	0	61	6491.99	241
	Nov 2015	40	1	60	0	60	6488.90	221
	Dec 2015	32	1	61	0	61	6484.21	191
	Jan 2016	30	1	61	0	61	6478.59	159
	Feb 2016	28	0	58	0	58	6472.27	129
	Mar 2016	53	0	61	0	61	6470.13	120
	Apr 2016	85	1	89	0	89	6469.08	115
	May 2016	164	1	98	9	108	6480.60	170
	Jun 2016	299	2	101	98	199	6495.82	268
	Jul 2016	178	3	98	0	98	6505.88	345
	Aug 2016	77	2	93	0	93	6503.51	326
	Sep 2016	46	2	68	0	68	6500.34	302
	WY 2016	**1075**	**15**	**912**	**107**	**1019**		
	Oct 2016	49	1	71	0	71	6497.21	278
	Nov 2016	42	1	68	0	68	6493.41	251
	Dec 2016	32	1	71	0	71	6487.49	212
	Jan 2017	30	1	71	0	71	6480.71	171
	Feb 2017	28	1	64	0	64	6473.39	134
	Mar 2017	53	0	71	0	71	6469.14	116
	Apr 2017	85	1	74	0	74	6471.59	126

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2015 24-Month Study

Most Probable Inflow*

Flaming Gorge Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	May 2014	333	283	8	53	0	53	128	6025.67	3185	594
H	Jun 2014	472	409	10	208	85	293	132	6028.39	3287	775
I	Jul 2014	226	123	13	105	0	105	132	6028.51	3292	208
S	Aug 2014	126	136	13	122	0	122	132	6028.53	3293	190
T	Sep 2014	99	118	11	116	0	116	132	6028.31	3284	170
	WY 2014	**1689**	**1594**	**77**	**945**	**86**	**1032**				**2799**
O	Oct 2014	108	112	7	92	0	92	133	6028.64	3297	159
R	Nov 2014	65	81	4	77	0	77	133	6028.63	3296	134
I	Dec 2014	53	79	2	113	0	113	131	6027.71	3262	164
C	Jan 2015	67	98	2	124	0	124	130	6026.99	3234	178
A	Feb 2015	63	86	2	113	0	113	129	6026.25	3207	168
L	Mar 2015	77	85	3	124	0	124	127	6025.15	3166	219
*	Apr 2015	112	127	5	73	0	73	129	6026.41	3213	252
	May 2015	185	129	8	238	0	238	125	6023.36	3100	518
	Jun 2015	190	104	10	89	0	89	125	6023.49	3105	239
	Jul 2015	83	100	13	92	0	92	125	6023.36	3100	122
	Aug 2015	48	67	12	92	0	92	123	6022.38	3065	105
	Sep 2015	43	64	11	89	0	89	122	6021.41	3030	98
	WY 2015	**1093**	**1131**	**78**	**1318**	**0**	**1318**				**2358**
	Oct 2015	50	68	7	58	0	58	122	6021.49	3033	79
	Nov 2015	47	67	3	48	0	48	123	6021.92	3048	74
	Dec 2015	35	64	2	49	0	49	123	6022.28	3061	74
	Jan 2016	40	72	2	49	0	49	124	6022.83	3081	74
	Feb 2016	45	74	2	46	0	46	125	6023.53	3106	74
	Mar 2016	102	111	3	49	0	49	127	6025.07	3163	126
	Apr 2016	134	137	5	48	0	48	131	6027.26	3245	263
	May 2016	245	189	8	103	0	103	134	6029.24	3320	635
	Jun 2016	390	290	11	164	0	164	138	6032.10	3431	584
	Jul 2016	210	131	14	109	0	109	138	6032.29	3438	209
	Aug 2016	89	105	13	109	0	109	138	6031.88	3422	134
	Sep 2016	55	78	11	106	0	106	136	6030.91	3384	125
	WY 2016	**1442**	**1386**	**80**	**937**	**0**	**937**				**2451**
	Oct 2016	59	81	7	109	0	109	135	6030.03	3350	141
	Nov 2016	51	77	3	106	0	106	134	6029.24	3320	137
	Dec 2016	35	74	2	109	0	109	132	6028.30	3284	134
	Jan 2017	40	81	2	109	0	109	131	6027.53	3255	134
	Feb 2017	45	81	2	99	0	99	130	6027.02	3236	126
	Mar 2017	102	120	3	109	0	109	131	6027.23	3243	186
	Apr 2017	134	122	5	106	0	106	131	6027.54	3255	321

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2015 24-Month Study

Most Probable Inflow*

Taylor Park Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	May 2014	31	27	9312.59	74
H	Jun 2014	49	28	9324.29	95
I	Jul 2014	19	25	9320.83	88
S	Aug 2014	12	19	9316.50	81
T	Sep 2014	10	14	9314.21	77
	WY 2014	**161**	**154**		
O	Oct 2014	10	8	9315.40	79
R	Nov 2014	7	6	9315.85	80
I	Dec 2014	6	6	9315.74	79
C	Jan 2015	5	6	9315.48	79
A	Feb 2015	4	5	9314.94	78
L	Mar 2015	7	6	9315.31	79
*	Apr 2015	9	6	9317.32	82
	May 2015	24	14	9322.81	92
	Jun 2015	21	18	9324.39	95
	Jul 2015	8	18	9319.01	85
	Aug 2015	7	18	9312.63	74
	Sep 2015	6	14	9307.60	66
	WY 2015	**114**	**124**		
	Oct 2015	6	8	9306.17	64
	Nov 2015	5	6	9305.36	63
	Dec 2015	5	6	9304.46	61
	Jan 2016	4	6	9303.32	60
	Feb 2016	4	6	9301.77	58
	Mar 2016	4	6	9300.65	56
	Apr 2016	9	6	9302.62	59
	May 2016	28	12	9313.19	75
	Jun 2016	42	18	9326.28	99
	Jul 2016	20	22	9325.32	97
	Aug 2016	10	22	9319.06	85
	Sep 2016	7	18	9312.90	75
	WY 2016	**144**	**136**		
	Oct 2016	7	12	9309.60	69
	Nov 2016	5	6	9309.04	68
	Dec 2016	5	6	9308.19	67
	Jan 2017	4	6	9307.12	65
	Feb 2017	4	6	9305.66	63
	Mar 2017	4	6	9304.60	62
	Apr 2017	9	6	9306.46	64

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2015 24-Month Study

Most Probable Inflow*

Blue Mesa Reservoir

	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	May 2014	242	240	1	69	3	72	7501.73	676
H	Jun 2014	361	338	1	185	142	353	7499.76	659
I	Jul 2014	117	123	1	118	0	118	7500.15	663
S	Aug 2014	64	72	1	104	0	104	7496.00	629
T	Sep 2014	48	52	1	81	0	81	7492.28	599
	WY 2014	**1145**	**1138**	**8**	**708**	**145**	**879**		
O	Oct 2014	55	53	1	64	0	64	7490.77	587
R	Nov 2014	37	36	0	27	0	27	7491.85	596
I	Dec 2014	34	34	0	55	0	55	7489.11	574
C	Jan 2015	30	30	0	58	0	58	7485.48	547
A	Feb 2015	28	29	0	29	0	29	7485.47	547
L	Mar 2015	54	53	0	26	0	26	7488.96	573
*	Apr 2015	73	70	1	45	0	45	7492.04	597
	May 2015	160	150	1	60	0	60	7502.95	686
	Jun 2015	152	149	1	74	0	74	7511.55	759
	Jul 2015	55	65	2	108	0	108	7506.40	715
	Aug 2015	43	54	1	111	0	111	7499.50	657
	Sep 2015	33	41	1	84	0	84	7494.06	613
	WY 2015	**752**	**763**	**9**	**740**	**0**	**740**		
	Oct 2015	35	37	1	53	0	53	7492.04	597
	Nov 2015	30	31	0	17	0	17	7493.78	611
	Dec 2015	26	27	0	57	0	57	7490.00	581
	Jan 2016	24	26	0	61	0	61	7485.41	546
	Feb 2016	22	25	0	51	0	51	7481.84	520
	Mar 2016	36	38	0	43	0	43	7481.05	514
	Apr 2016	77	74	1	42	0	42	7485.30	545
	May 2016	221	205	1	150	0	150	7492.26	599
	Jun 2016	261	237	1	56	0	56	7513.77	779
	Jul 2016	117	119	2	94	0	94	7516.40	802
	Aug 2016	63	75	1	122	0	122	7510.99	754
	Sep 2016	38	49	1	116	0	116	7502.99	686
	WY 2016	**951**	**942**	**9**	**861**	**0**	**861**		
	Oct 2016	38	44	1	77	0	77	7498.88	652
	Nov 2016	31	32	0	47	0	47	7497.01	637
	Dec 2016	26	27	0	82	0	82	7490.00	581
	Jan 2017	24	26	0	73	0	73	7483.81	534
	Feb 2017	22	25	0	50	0	50	7480.34	508
	Mar 2017	36	38	0	43	0	43	7479.54	503
	Apr 2017	77	74	1	42	0	42	7483.83	534

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2015 24-Month Study

Most Probable Inflow*

Morrow Point Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	May 2014	268	72	26	98	93	0	93	7152.55	111
H	Jun 2014	379	353	18	372	295	63	382	7138.91	101
I	Jul 2014	120	118	3	122	82	8	110	7153.91	112
S	Aug 2014	64	104	1	105	104	0	104	7154.40	113
T	Sep 2014	49	81	1	82	82	0	82	7153.75	112
	WY 2014	**1215**	**879**	**70**	**949**	**782**	**73**	**949**		
O	Oct 2014	56	64	1	65	49	0	68	7149.96	109
R	Nov 2014	38	27	2	29	23	0	26	7154.03	112
I	Dec 2014	35	55	1	56	56	0	56	7153.68	112
C	Jan 2015	30	58	1	58	60	0	60	7152.01	111
A	Feb 2015	29	29	1	30	31	0	31	7151.25	110
L	Mar 2015	56	26	3	29	28	0	28	7151.69	110
*	Apr 2015	79	45	6	50	51	0	51	7150.61	110
	May 2015	176	60	16	76	74	0	74	7153.73	112
	Jun 2015	162	74	10	84	84	0	84	7153.73	112
	Jul 2015	57	108	2	110	110	0	110	7153.73	112
	Aug 2015	47	111	4	115	115	0	115	7153.73	112
	Sep 2015	36	84	3	87	87	0	87	7153.73	112
	WY 2015	**801**	**740**	**49**	**789**	**767**	**0**	**789**		
	Oct 2015	38	53	3	55	55	0	55	7153.73	112
	Nov 2015	32	17	2	19	19	0	19	7153.73	112
	Dec 2015	28	57	2	59	59	0	59	7153.73	112
	Jan 2016	27	61	2	63	63	0	63	7153.73	112
	Feb 2016	25	51	3	54	54	0	54	7153.73	112
	Mar 2016	40	43	4	47	47	0	47	7153.73	112
	Apr 2016	88	42	11	53	53	0	53	7153.73	112
	May 2016	247	150	26	176	176	0	176	7153.73	112
	Jun 2016	281	56	20	76	76	0	76	7153.73	112
	Jul 2016	123	94	6	100	100	0	100	7153.73	112
	Aug 2016	67	122	3	125	125	0	125	7153.73	112
	Sep 2016	41	116	3	119	119	0	119	7153.73	112
	WY 2016	**1036**	**861**	**85**	**946**	**946**	**0**	**946**		
	Oct 2016	41	77	3	80	80	0	80	7153.73	112
	Nov 2016	33	47	2	49	49	0	49	7153.73	112
	Dec 2016	28	82	2	85	85	0	85	7153.73	112
	Jan 2017	27	73	2	75	75	0	75	7153.73	112
	Feb 2017	25	50	3	53	53	0	53	7153.73	112
	Mar 2017	40	43	4	47	47	0	47	7153.73	112
	Apr 2017	88	42	11	53	53	0	53	7153.73	112

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2015 24-Month Study

Most Probable Inflow*

Crystal Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
*	May 2014	297	93	29	122	88	22	118	6758.88	19	52	69
H	Jun 2014	414	382	35	417	108	126	419	6751.56	17	61	378
I	Jul 2014	130	110	10	120	119	2	120	6749.06	16	67	59
S	Aug 2014	69	104	4	109	108	0	108	6749.65	16	65	48
T	Sep 2014	53	82	4	86	84	3	87	6747.57	15	62	26
	WY 2014	**1337**	**949**	**123**	**1071**	**690**	**187**	**1071**			**374**	**738**
O	Oct 2014	61	68	5	73	74	0	74	6745.88	15	48	27
R	Nov 2014	43	26	5	30	29	0	30	6748.06	16	0	29
I	Dec 2014	39	56	5	61	61	0	61	6746.42	15	1	62
C	Jan 2015	35	60	5	64	55	9	64	6746.05	15	1	65
A	Feb 2015	34	31	4	35	11	22	33	6751.96	17	0	34
L	Mar 2015	63	28	6	35	35	0	35	6752.00	17	1	34
*	Apr 2015	85	51	7	58	58	0	58	6751.65	17	37	21
	May 2015	193	74	17	91	91	0	91	6753.04	17	55	36
	Jun 2015	178	84	16	100	100	0	100	6753.04	17	60	40
	Jul 2015	59	110	2	112	112	0	112	6753.04	17	65	47
	Aug 2015	50	115	3	118	118	0	118	6753.04	17	65	53
	Sep 2015	41	87	5	92	92	0	92	6753.04	17	55	37
	WY 2015	**881**	**789**	**80**	**869**	**835**	**32**	**867**			**387**	**484**
	Oct 2015	43	55	5	61	61	0	61	6753.04	17	30	31
	Nov 2015	37	19	4	24	24	0	24	6753.04	17	0	24
	Dec 2015	32	59	5	63	63	0	63	6753.04	17	0	63
	Jan 2016	31	63	5	68	68	0	68	6753.04	17	0	68
	Feb 2016	29	54	4	57	57	0	57	6753.04	17	0	57
	Mar 2016	46	47	6	53	53	0	53	6753.04	17	5	48
	Apr 2016	101	53	12	66	66	0	66	6753.04	17	30	36
	May 2016	281	176	34	210	134	76	210	6753.04	17	55	155
	Jun 2016	315	76	34	110	110	0	110	6753.04	17	60	50
	Jul 2016	138	100	14	114	114	0	114	6753.04	17	65	49
	Aug 2016	75	125	8	134	134	0	134	6753.04	17	65	69
	Sep 2016	47	119	6	125	125	0	125	6753.04	17	55	70
	WY 2016	**1175**	**946**	**139**	**1085**	**1009**	**76**	**1085**			**365**	**720**
	Oct 2016	47	80	6	86	86	0	86	6753.04	17	30	56
	Nov 2016	38	49	5	54	54	0	54	6753.04	17	0	54
	Dec 2016	32	85	5	89	89	0	89	6753.04	17	0	89
	Jan 2017	31	75	5	80	80	0	80	6753.04	17	0	80
	Feb 2017	29	53	4	56	56	0	56	6753.04	17	0	56
	Mar 2017	46	47	6	53	53	0	53	6753.04	17	5	48
	Apr 2017	101	53	12	66	66	0	66	6753.04	17	30	36

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2015 24-Month Study

Most Probable Inflow*

Vallecito Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	May 2014	59	43	7663.60	122
H	Jun 2014	47	50	7662.12	118
I	Jul 2014	15	38	7653.12	95
S	Aug 2014	14	32	7645.08	75
T	Sep 2014	22	28	7642.43	70
	WY 2014	**238**	**229**		
O	Oct 2014	23	5	7650.16	87
R	Nov 2014	10	3	7652.74	94
I	Dec 2014	6	4	7653.53	96
C	Jan 2015	6	5	7654.18	97
A	Feb 2015	7	4	7655.19	100
L	Mar 2015	13	12	7655.67	101
*	Apr 2015	19	11	7658.49	108
	May 2015	38	34	7659.76	111
	Jun 2015	26	43	7653.02	94
	Jul 2015	11	41	7639.67	64
	Aug 2015	12	37	7625.95	38
	Sep 2015	11	29	7612.12	20
	WY 2015	**182**	**229**		
	Oct 2015	12	17	7607.00	15
	Nov 2015	8	1	7613.15	21
	Dec 2015	6	2	7617.22	26
	Jan 2016	5	2	7620.17	29
	Feb 2016	5	1	7622.47	33
	Mar 2016	9	2	7626.94	40
	Apr 2016	23	1	7638.49	61
	May 2016	71	31	7655.68	101
	Jun 2016	70	46	7664.79	125
	Jul 2016	29	41	7659.89	112
	Aug 2016	20	38	7652.66	93
	Sep 2016	17	29	7647.62	81
	WY 2016	**276**	**211**		
	Oct 2016	16	16	7647.18	80
	Nov 2016	9	1	7650.21	87
	Dec 2016	6	2	7652.15	92
	Jan 2017	5	2	7653.68	96
	Feb 2017	5	1	7654.97	99
	Mar 2017	9	2	7657.66	106
	Apr 2017	23	4	7664.97	125

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2015 24-Month Study

Most Probable Inflow*

Navajo Reservoir

	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azetea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Farmington Flow (1000 Ac-Ft)
*	May 2014	176	20	141	3	31	17	6042.68	1142	115
H	Jun 2014	116	19	98	4	39	20	6045.77	1177	148
I	Jul 2014	14	2	35	4	44	29	6042.03	1135	64
S	Aug 2014	14	1	32	3	37	39	6037.72	1088	61
T	Sep 2014	39	1	47	2	22	31	6036.99	1081	61
	WY 2014	**696**	**62**	**626**	**23**	**203**	**253**			**754**
O	Oct 2014	68	1	46	1	7	21	6038.47	1096	65
R	Nov 2014	28	0	21	1	0	21	6038.43	1096	46
I	Dec 2014	19	0	17	1	0	21	6037.94	1091	44
C	Jan 2015	23	0	21	1	0	21	6037.90	1090	39
A	Feb 2015	29	1	25	1	0	19	6038.43	1096	40
L	Mar 2015	87	7	80	1	3	21	6043.43	1150	56
*	Apr 2015	80	8	64	2	20	21	6045.22	1170	39
	May 2015	100	18	78	3	34	23	6046.80	1188	105
	Jun 2015	40	8	49	4	48	21	6044.64	1164	86
	Jul 2015	10	1	40	4	52	37	6039.75	1110	61
	Aug 2015	18	0	43	3	44	36	6035.99	1070	60
	Sep 2015	26	0	44	2	25	29	6034.87	1058	50
	WY 2015	**527**	**45**	**527**	**24**	**233**	**292**			**692**
	Oct 2015	34	0	39	1	9	22	6035.55	1065	43
	Nov 2015	29	0	23	1	0	21	6035.66	1067	37
	Dec 2015	25	0	20	1	0	22	6035.49	1065	37
	Jan 2016	22	0	18	1	0	22	6035.11	1061	35
	Feb 2016	30	0	27	1	0	20	6035.68	1067	33
	Mar 2016	92	1	84	1	5	22	6040.93	1123	44
	Apr 2016	170	13	136	2	20	21	6049.16	1216	73
	May 2016	277	38	199	3	34	22	6060.67	1356	168
	Jun 2016	224	32	167	4	49	21	6067.72	1449	172
	Jul 2016	66	7	72	5	53	33	6066.36	1431	100
	Aug 2016	45	1	62	4	44	47	6063.86	1398	86
	Sep 2016	43	1	54	3	24	47	6062.40	1379	79
	WY 2016	**1058**	**93**	**901**	**26**	**237**	**317**			**906**
	Oct 2016	47	1	46	2	8	22	6063.51	1393	50
	Nov 2016	34	1	26	1	0	21	6063.80	1397	39
	Dec 2016	25	0	20	1	0	22	6063.65	1395	37
	Jan 2017	22	0	18	1	0	22	6063.33	1391	35
	Feb 2017	30	0	27	1	0	19	6063.84	1397	32
	Mar 2017	92	2	83	2	5	22	6067.96	1452	44
	Apr 2017	170	15	136	3	20	50	6072.56	1516	102

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2015 24-Month Study

Most Probable Inflow*

Lake Powell

	Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry Gage (1000 Ac-Ft)
*	May 2014	2082	1632	24	493	0	493	3589.38	4915	10764	498
H	Jun 2014	3039	2676	42	598	0	598	3609.19	5066	12649	609
I	Jul 2014	838	730	53	800	0	800	3608.05	5056	12535	814
S	Aug 2014	517	615	53	801	0	801	3605.82	5039	12314	818
T	Sep 2014	511	622	48	604	0	604	3605.53	5037	12286	619
	WY 2014	**10381**	**9287**	**347**	**7337**	**143**	**7480**				**7568**
O	Oct 2014	716	636	34	598	0	598	3605.57	5037	12290	613
R	Nov 2014	423	420	32	645	132	777	3601.87	5008	11929	780
I	Dec 2014	409	465	25	864	0	864	3597.75	4977	11537	880
C	Jan 2015	348	449	8	862	0	862	3593.57	4945	11147	878
A	Feb 2015	424	464	8	589	0	589	3592.23	4936	11024	595
L	Mar 2015	552	543	14	649	0	649	3591.02	4927	10913	656
*	Apr 2015	639	539	21	600	0	600	3590.18	4921	10837	610
	May 2015	1000	926	25	700	0	700	3592.22	4935	11023	708
	Jun 2015	1000	859	40	800	0	800	3592.41	4937	11040	809
	Jul 2015	360	502	47	1050	0	1050	3586.31	4893	10490	1065
	Aug 2015	260	434	45	800	0	800	3581.98	4862	10110	817
	Sep 2015	270	395	40	710	0	710	3578.13	4836	9780	723
	WY 2015	**6401**	**6632**	**337**	**8868**	**132**	**9000**				**9134**
	Oct 2015	397	418	28	480	0	480	3577.16	4830	9698	489
	Nov 2015	420	399	27	500	0	500	3575.75	4820	9580	506
	Dec 2015	363	404	21	600	0	600	3573.33	4804	9379	606
	Jan 2016	361	406	6	800	0	800	3568.78	4774	9009	809
	Feb 2016	393	413	6	600	0	600	3566.53	4760	8830	605
	Mar 2016	665	555	11	600	0	600	3565.87	4756	8778	606
	Apr 2016	1056	818	18	500	0	500	3569.36	4778	9055	510
	May 2016	2343	1945	23	600	0	600	3583.93	4876	10280	608
	Jun 2016	2666	2113	39	600	0	600	3598.89	4985	11645	609
	Jul 2016	1091	993	50	800	0	800	3600.28	4996	11777	815
	Aug 2016	500	626	50	800	0	800	3598.10	4979	11570	817
	Sep 2016	408	565	46	600	0	600	3597.31	4973	11495	613
	WY 2016	**10662**	**9656**	**324**	**7480**	**0**	**7480**				**7593**
	Oct 2016	512	586	32	600	0	600	3596.86	4970	11453	609
	Nov 2016	473	531	30	600	0	600	3595.87	4963	11361	606
	Dec 2016	363	490	24	800	0	800	3592.53	4938	11051	806
	Jan 2017	361	478	7	800	0	800	3589.18	4913	10747	809
	Feb 2017	393	464	8	650	0	650	3587.18	4899	10567	655
	Mar 2017	665	615	13	650	0	650	3586.69	4896	10523	656
	Apr 2017	1056	906	21	600	0	600	3589.63	4917	10787	610

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2015 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Glen Release (1000 Ac-Ft)	Side Inflow Glen to Hoover (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	May 2014	493	13	46	1086	17.7	30	1084	692	1087.46	10639
H	Jun 2014	598	10	54	959	16.1	28	958	665	1082.66	10233
I	Jul 2014	800	54	67	943	15.3	27	941	654	1080.60	10061
S	Aug 2014	801	113	71	735	12.0	23	727	659	1081.55	10140
T	Sep 2014	604	140	58	686	11.5	19	684	658	1081.33	10121
	WY 2014	**7480**	**677**	**567**	**9759**		**216**	**9716**			
O	Oct 2014	598	68	43	472	7.7	21	461	666	1082.79	10244
R	Nov 2014	777	44	43	695	11.7	13	692	670	1083.57	10309
I	Dec 2014	864	56	37	493	8.0	8	492	693	1087.79	10667
C	Jan 2015	862	73	31	832	13.5	6	832	697	1088.51	10729
A	Feb 2015	589	90	28	600	10.8	8	599	700	1088.98	10769
L	Mar 2015	649	57	31	1034	16.8	14	1033	677	1084.87	10419
*	Apr 2015	600	26	38	1087	18.3	20	1086	646	1079.03	9931
	May 2015	700	49	43	996	16.2	30	996	626	1075.36	9630
	Jun 2015	800	23	52	939	15.8	30	939	614	1073.06	9444
	Jul 2015	1050	67	65	858	14.0	32	858	624	1074.95	9597
	Aug 2015	800	127	69	796	12.9	30	796	626	1075.32	9627
	Sep 2015	710	114	57	759	12.8	17	759	625	1075.22	9619
	WY 2015	**9000**	**794**	**537**	**9562**		**230**	**9544**			
	Oct 2015	480	61	41	457	7.4	21	457	627	1075.47	9639
	Nov 2015	500	50	41	579	9.7	12	579	622	1074.52	9562
	Dec 2015	600	96	36	532	8.6	8	532	629	1075.92	9676
	Jan 2016	800	72	29	704	11.4	9	704	637	1077.41	9797
	Feb 2016	600	77	27	631	11.0	8	631	638	1077.53	9808
	Mar 2016	600	61	30	1034	16.8	16	1034	612	1072.69	9414
	Apr 2016	500	76	36	1095	18.4	22	1095	577	1065.84	8872
	May 2016	600	49	41	1003	16.3	30	1003	551	1060.66	8473
	Jun 2016	600	23	48	925	15.5	30	925	528	1055.91	8116
	Jul 2016	800	67	59	879	14.3	32	879	521	1054.60	8019
	Aug 2016	800	127	63	788	12.8	30	788	524	1055.19	8062
	Sep 2016	600	114	52	729	12.2	17	729	519	1054.13	7984
	WY 2016	**7480**	**874**	**504**	**9357**		**234**	**9357**			
	Oct 2016	600	61	38	484	7.9	21	484	526	1055.63	8095
	Nov 2016	600	50	38	635	10.7	12	635	524	1055.20	8063
	Dec 2016	800	96	33	559	9.1	8	559	542	1058.92	8341
	Jan 2017	800	72	27	671	10.9	9	671	552	1060.95	8495
	Feb 2017	650	77	25	596	10.7	8	596	558	1062.14	8586
	Mar 2017	650	61	28	999	16.2	16	999	538	1058.03	8275
	Apr 2017	600	76	34	1062	17.8	22	1062	511	1052.43	7859

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2015 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	May 2014	1086	-17	22	1023	0	1022	16.6	644.01	1726
H	Jun 2014	959	-19	25	947	0	947	15.9	642.83	1694
I	Jul 2014	943	-10	25	900	0	900	14.6	643.10	1701
S	Aug 2014	735	-6	23	697	0	697	11.3	643.43	1711
T	Sep 2014	686	-6	18	727	0	727	12.2	641.03	1645
	WY 2014	**9759**	**-139**	**198**	**9400**	**0**	**9400**			
O	Oct 2014	472	10	15	642	0	642	10.4	634.40	1470
R	Nov 2014	695	-6	10	629	0	629	10.6	636.32	1520
I	Dec 2014	493	-2	9	445	0	445	7.2	637.75	1558
C	Jan 2015	832	-22	10	660	0	660	10.7	642.98	1698
A	Feb 2015	600	-8	10	625	0	625	11.3	641.43	1656
L	Mar 2015	1034	-21	13	963	0	963	15.7	642.78	1693
*	Apr 2015	1087	-21	17	1022	3	1019	17.1	643.88	1723
	May 2015	996	-15	22	983	0	983	16.0	643.00	1699
	Jun 2015	939	-17	25	896	0	896	15.1	643.00	1699
	Jul 2015	858	-13	25	860	0	860	14.0	641.50	1658
	Aug 2015	796	-10	23	763	0	763	12.4	641.50	1658
	Sep 2015	759	-6	18	775	0	775	13.0	640.01	1617
	WY 2015	**9562**	**-132**	**197**	**9263**	**3**	**9260**			
	Oct 2015	457	1	15	627	0	627	10.2	633.00	1434
	Nov 2015	579	-11	10	507	0	507	8.5	635.00	1486
	Dec 2015	532	-12	9	413	0	413	6.7	638.71	1583
	Jan 2016	704	-13	10	598	0	598	9.7	641.80	1666
	Feb 2016	631	-13	10	608	0	608	10.6	641.80	1666
	Mar 2016	1034	-15	13	972	0	972	15.8	643.05	1700
	Apr 2016	1095	-19	17	1061	0	1061	17.8	643.00	1699
	May 2016	1003	-15	22	966	0	966	15.7	643.00	1699
	Jun 2016	925	-17	25	910	0	910	15.3	642.00	1671
	Jul 2016	879	-13	25	854	0	854	13.9	641.50	1658
	Aug 2016	788	-10	23	755	0	755	12.3	641.50	1658
	Sep 2016	729	-6	18	745	0	745	12.5	640.01	1617
	WY 2016	**9357**	**-143**	**197**	**9017**	**0**	**9017**			
	Oct 2016	484	1	15	653	0	653	10.6	633.00	1434
	Nov 2016	635	-11	10	563	0	563	9.5	635.00	1486
	Dec 2016	559	-12	9	440	0	440	7.2	638.71	1583
	Jan 2017	671	-13	10	565	0	565	9.2	641.80	1666
	Feb 2017	596	-13	10	574	0	574	10.3	641.80	1666
	Mar 2017	999	-15	13	936	0	936	15.2	643.05	1700
	Apr 2017	1062	-19	17	1028	0	1028	17.3	643.00	1699

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2015 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	May 2014	1022	-3	13	694	11.3	110	184	448.48	589	115	1.9
H	Jun 2014	947	11	15	713	12.0	95	133	447.90	578	112	1.9
I	Jul 2014	900	18	17	685	11.1	105	93	448.27	585	118	1.9
S	Aug 2014	697	26	17	495	8.1	106	99	448.10	582	100	1.6
T	Sep 2014	727	13	15	474	8.0	102	140	448.17	583	90	1.5
	WY 2014	**9400**	**169**	**140**	**6496**		**1137**	**1685**			**1587**	
O	Oct 2014	642	16	12	432	7.0	105	135	446.41	550	65	1.1
R	Nov 2014	629	9	9	351	5.9	102	147	447.77	576	89	1.5
I	Dec 2014	445	18	7	240	3.9	109	132	446.36	549	98	1.6
C	Jan 2015	660	17	6	348	5.7	105	180	448.22	584	146	2.4
A	Feb 2015	625	9	8	473	8.5	54	109	447.38	568	172	3.1
L	Mar 2015	963	3	9	707	11.5	86	146	447.89	578	219	3.6
*	Apr 2015	1019	-5	11	730	12.3	104	154	448.09	582	209	3.5
	May 2015	983	17	13	677	11.0	105	181	448.70	593	101	1.6
	Jun 2015	896	15	16	707	11.9	102	73	448.70	593	100	1.7
	Jul 2015	860	29	17	694	11.3	105	74	448.00	580	103	1.7
	Aug 2015	763	27	17	591	9.6	105	75	447.50	571	92	1.5
	Sep 2015	775	23	15	525	8.8	102	147	447.50	570	89	1.5
	WY 2015	**9260**	**178**	**140**	**6474**		**1183**	**1554**			**1484**	
	Oct 2015	627	25	12	490	8.0	25	117	447.50	571	63	1.0
	Nov 2015	507	27	9	378	6.4	23	119	447.50	571	97	1.6
	Dec 2015	413	21	7	303	4.9	25	114	446.50	552	110	1.8
	Jan 2016	598	18	6	354	5.8	79	172	446.50	552	130	2.1
	Feb 2016	608	11	8	440	7.7	73	92	446.50	552	161	2.8
	Mar 2016	972	15	9	741	12.0	79	145	446.70	555	205	3.3
	Apr 2016	1061	23	11	783	13.2	76	167	448.70	593	205	3.4
	May 2016	966	17	13	705	11.5	79	173	448.70	593	113	1.8
	Jun 2016	910	15	16	695	11.7	76	124	448.70	593	111	1.9
	Jul 2016	854	29	17	701	11.4	79	86	448.00	580	119	1.9
	Aug 2016	755	27	17	599	9.7	79	85	447.50	571	100	1.6
	Sep 2016	745	23	15	545	9.2	76	123	447.50	570	89	1.5
	WY 2016	**9017**	**252**	**139**	**6736**		**768**	**1518**			**1504**	
	Oct 2016	653	25	12	450	7.3	79	130	447.50	571	55	0.9
	Nov 2016	563	27	9	372	6.3	76	127	447.50	571	103	1.7
	Dec 2016	440	21	7	277	4.5	79	114	446.50	552	108	1.7
	Jan 2017	565	18	6	348	5.7	80	145	446.50	552	126	2.1
	Feb 2017	574	11	8	432	7.8	70	68	446.50	552	156	2.8
	Mar 2017	936	15	9	732	11.9	80	119	446.70	555	198	3.2
	Apr 2017	1028	23	11	774	13.0	77	144	448.70	593	198	3.3

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2015 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	May 2014	1086	17.7	1087.46	10639	-615	440.39	1341.0	431.0	81	397.1
H	Jun 2014	959	16.1	1082.66	10233	-406	437.98	1541.0	372.9	93	388.7
I	Jul 2014	943	15.3	1080.60	10061	-172	434.94	1615.0	363.6	100	385.7
S	Aug 2014	735	12.0	1081.55	10140	79	436.53	1493.0	279.3	94	379.9
T	Sep 2014	686	11.5	1081.33	10121	-18	437.59	1493.0	262.1	94	382.2
	WY 2014	**9759**							**3910.2**		
O	Oct 2014	472	7.7	1082.79	10244	122	442.74	1282.0	180.0	81	381.5
R	Nov 2014	695	11.7	1083.57	10309	65	437.62	1079.0	270.7	68	389.5
I	Dec 2014	493	8.0	1087.79	10667	358	446.86	889.0	189.0	55	383.3
C	Jan 2015	832	13.5	1088.51	10729	62	441.51	1018.0	333.5	63	400.6
A	Feb 2015	600	10.8	1088.98	10769	40	444.73	848.0	239.1	52	398.4
L	Mar 2015	1034	16.8	1084.87	10419	-350	440.21	952.0	412.2	60	398.7
*	Apr 2015	1087	18.3	1079.03	9931	-488	430.55	1217.0	427.4	76	393.2
	May 2015	996	16.2	1075.36	9630	-300	426.22	1165.0	385.1	74	386.6
	Jun 2015	939	15.8	1073.06	9444	-186	420.79	1534.0	357.0	100	380.2
	Jul 2015	858	14.0	1074.95	9597	153	421.07	1543.0	328.7	100	383.0
	Aug 2015	796	12.9	1075.32	9627	30	422.68	1546.0	303.6	100	381.4
	Sep 2015	759	12.8	1075.22	9619	-8	423.30	1547.0	289.4	100	381.4
	WY 2015	**9562**							**3715.8**		
	Oct 2015	457	7.4	1075.47	9639	20	429.60	950.0	175.5	62	384.1
	Nov 2015	579	9.7	1074.52	9562	-77	431.60	950.0	224.8	61	388.1
	Dec 2015	532	8.6	1075.92	9676	113	427.90	1265.0	199.4	80	375.0
	Jan 2016	704	11.4	1077.41	9797	122	428.31	1095.0	271.7	69	386.0
	Feb 2016	631	11.0	1077.53	9808	10	427.29	1219.0	240.5	77	381.2
	Mar 2016	1034	16.8	1072.69	9414	-393	424.61	1190.0	399.9	76	386.6
	Apr 2016	1095	18.4	1065.84	8872	-542	417.86	1246.0	419.7	81	383.2
	May 2016	1003	16.3	1060.66	8473	-398	411.34	1307.0	370.1	87	369.0
	Jun 2016	925	15.5	1055.91	8116	-357	405.35	1498.0	337.3	100	364.7
	Jul 2016	879	14.3	1054.60	8019	-97	402.83	1504.0	322.2	100	366.3
	Aug 2016	788	12.8	1055.19	8062	43	402.64	1524.0	285.6	100	362.3
	Sep 2016	729	12.2	1054.13	7984	-78	402.89	1532.0	262.9	100	360.8
	WY 2016	**9357**							**3509.8**		
	Oct 2016	484	7.9	1055.63	8095	111	409.25	882.0	178.9	62	369.8
	Nov 2016	635	10.7	1055.20	8063	-32	412.13	873.2	235.0	61	370.2
	Dec 2016	559	9.1	1058.92	8341	278	409.88	1164.2	202.8	80	362.7
	Jan 2017	671	10.9	1060.95	8495	154	411.69	1010.6	247.4	69	368.8
	Feb 2017	596	10.7	1062.14	8586	91	411.48	1127.4	218.5	77	366.3
	Mar 2017	999	16.2	1058.03	8275	-312	409.69	1100.0	369.8	76	370.4
	Apr 2017	1062	17.8	1052.43	7859	-416	403.94	1149.5	390.5	81	367.7

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2015 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	May 2014	1023	16.6	644.01	1726	24	143.52	255.0	127.7	100	124.9
H	Jun 2014	947	15.9	642.83	1694	-32	141.57	255.0	119.3	100	126.0
I	Jul 2014	900	14.6	643.10	1701	7	143.48	255.0	112.8	100	125.4
S	Aug 2014	697	11.3	643.43	1711	9	143.79	255.0	88.3	100	126.7
T	Sep 2014	727	12.2	641.03	1645	-65	138.41	255.0	91.5	100	126.0
	WY 2014	**9400**							**1175.6**		
O	Oct 2014	642	10.4	634.40	1470	-175	134.93	191.3	72.3	75	112.7
R	Nov 2014	629	10.6	636.32	1520	50	136.47	158.1	74.4	62	118.2
I	Dec 2014	445	7.2	637.75	1558	37	134.54	165.8	52.7	65	118.4
C	Jan 2015	660	10.7	642.98	1698	141	141.44	163.2	82.8	64	125.4
A	Feb 2015	625	11.3	641.43	1656	-42	140.07	188.7	79.9	74	127.8
L	Mar 2015	963	15.7	642.78	1693	37	139.75	229.5	123.2	90	128.0
*	Apr 2015	1022	17.2	643.88	1723	30	141.00	255.0	129.5	100	126.8
	May 2015	983	16.0	643.00	1699	-24	136.55	252.5	123.2	99	125.4
	Jun 2015	896	15.1	643.00	1699	0	136.04	255.0	112.3	100	125.3
	Jul 2015	860	14.0	641.50	1658	-41	135.25	255.0	107.5	100	124.9
	Aug 2015	763	12.4	641.50	1658	0	134.46	255.0	95.2	100	124.8
	Sep 2015	775	13.0	640.01	1617	-40	133.68	255.0	96.0	100	123.9
	WY 2015	**9263**							**1149.0**		
	Oct 2015	627	10.2	633.00	1434	-183	129.77	234.6	75.9	92	121.1
	Nov 2015	507	8.5	635.00	1486	51	127.90	209.1	60.6	82	119.4
	Dec 2015	413	6.7	638.71	1583	97	130.45	224.4	50.7	88	122.7
	Jan 2016	598	9.7	641.80	1666	83	135.97	163.2	74.6	64	124.6
	Feb 2016	608	10.6	641.80	1666	0	137.17	173.4	76.4	68	125.7
	Mar 2016	972	15.8	643.05	1700	34	135.44	255.0	121.1	100	124.5
	Apr 2016	1061	17.8	643.00	1699	-2	136.07	255.0	132.1	100	124.5
	May 2016	966	15.7	643.00	1699	0	136.04	255.0	120.8	100	125.1
	Jun 2016	910	15.3	642.00	1671	-27	135.51	255.0	113.5	100	124.7
	Jul 2016	854	13.9	641.50	1658	-14	134.73	255.0	106.4	100	124.5
	Aug 2016	755	12.3	641.50	1658	0	134.46	255.0	94.3	100	124.8
	Sep 2016	745	12.5	640.01	1617	-40	133.68	255.0	92.4	100	124.1
	WY 2016	**9017**							**1118.5**		
	Oct 2016	653	10.6	633.00	1434	-183	129.77	234.6	79.0	92	120.9
	Nov 2016	563	9.5	635.00	1486	51	127.90	209.1	67.0	82	119.1
	Dec 2016	440	7.2	638.71	1583	97	130.45	224.4	54.0	88	122.6
	Jan 2017	565	9.2	641.80	1666	83	135.97	163.2	70.6	64	124.8
	Feb 2017	574	10.3	641.80	1666	0	137.17	173.4	72.1	68	125.8
	Mar 2017	936	15.2	643.05	1700	34	135.44	255.0	116.7	100	124.7
	Apr 2017	1028	17.3	643.00	1699	-2	136.07	255.0	128.1	100	124.6

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2015 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	May 2014	694	11.3	448.48	589	7	80.45	106.8	49.2	89	70.8
H	Jun 2014	713	12.0	447.90	578	-11	81.61	120.0	49.8	100	69.8
I	Jul 2014	688	11.1	448.27	585	7	82.46	120.0	47.9	100	69.7
S	Aug 2014	495	8.1	448.10	582	-3	81.82	120.0	35.2	100	71.2
T	Sep 2014	474	8.0	448.17	583	1	82.36	120.0	33.7	100	70.9
	WY 2014	**6498**							**451.6**		
O	Oct 2014	432	7.0	446.41	550	-33	80.56	91.2	30.8	76	71.3
R	Nov 2014	351	5.9	447.77	576	25	81.18	96.0	24.4	80	69.4
I	Dec 2014	240	3.9	446.36	549	-26	81.87	120.0	15.5	100	64.8
C	Jan 2015	348	5.6	448.22	584	35	82.97	93.6	24.3	78	69.7
A	Feb 2015	473	8.5	447.38	568	-16	81.70	94.8	33.2	79	70.2
L	Mar 2015	707	11.5	447.89	578	10	79.76	108.0	49.6	90	70.2
*	Apr 2015	752	12.6	448.09	582	4	80.20	120.0	52.5	100	69.8
	May 2015	677	11.0	448.70	593	12	76.06	112.8	45.0	94	66.5
	Jun 2015	707	11.9	448.70	593	0	76.05	120.0	47.1	100	66.6
	Jul 2015	694	11.3	448.00	580	-13	75.71	120.0	45.9	100	66.2
	Aug 2015	591	9.6	447.50	571	-9	75.13	120.0	38.7	100	65.4
	Sep 2015	525	8.8	447.50	570	0	74.89	120.0	34.1	100	65.0
	WY 2015	**6496**							**441.1**		
	Oct 2015	490	8.0	447.50	571	0	76.04	94.8	32.3	79	65.9
	Nov 2015	378	6.4	447.50	571	0	75.69	102.0	24.5	85	64.8
	Dec 2015	303	4.9	446.50	552	-19	74.40	120.0	19.0	100	62.9
	Jan 2016	354	5.8	446.50	552	0	75.01	96.0	22.7	80	64.0
	Feb 2016	440	7.7	446.50	552	0	75.13	93.6	28.7	78	65.1
	Mar 2016	741	12.0	446.70	555	4	74.01	120.0	48.2	100	65.0
	Apr 2016	783	13.2	448.70	593	38	75.08	120.0	51.7	100	66.0
	May 2016	705	11.5	448.70	593	0	76.05	120.0	46.9	100	66.5
	Jun 2016	695	11.7	448.70	593	0	76.05	120.0	46.3	100	66.5
	Jul 2016	701	11.4	448.00	580	-13	75.71	120.0	46.5	100	66.2
	Aug 2016	599	9.7	447.50	571	-9	75.13	120.0	39.2	100	65.5
	Sep 2016	545	9.2	447.50	570	0	74.89	120.0	35.5	100	65.1
	WY 2016	**6736**							**441.3**		
	Oct 2016	450	7.3	447.50	571	0	75.69	102.0	29.4	85	65.3
	Nov 2016	372	6.3	447.50	571	0	75.69	102.0	24.1	85	64.7
	Dec 2016	277	4.5	446.50	552	-19	75.20	102.0	17.4	85	63.0
	Jan 2017	348	5.7	446.50	552	0	74.71	102.0	22.2	85	63.7
	Feb 2017	432	7.8	446.50	552	0	73.92	120.0	27.7	100	64.0
	Mar 2017	732	11.9	446.70	555	4	74.01	120.0	47.6	100	65.0
	Apr 2017	774	13.0	448.70	593	38	75.08	120.0	51.0	100	66.0

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2015 24-Month Study

Most Probable Inflow*

Upper Basin Power

	Date	Glen Canyon 1000 MWHR	Flaming Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Reservoir 1000 MWHR	Fontenelle Reservoir 1000 MWHR
*	May 2014	204	20	19	32	17	6
H	Jun 2014	260	80	54	103	21	7
I	Jul 2014	354	41	35	29	22	8
S	Aug 2014	353	48	31	37	21	9
T	Sep 2014	266	46	23	29	16	2
	Summer 2014	**1643**	**255**	**169**	**243**	**106**	**37**
O	Oct 2014	264	36	18	17	14	7
R	Nov 2014	281	30	7	7	4	6
I	Dec 2014	377	43	15	19	11	6
C	Jan 2015	373	48	16	20	10	6
A	Feb 2015	254	44	8	10	2	5
L	Mar 2015	278	48	7	9	5	6
	Winter 2015	**1827**	**250**	**72**	**83**	**46**	**37**
*	Apr 2015	256	28	13	17	11	7
	May 2015	270	87	18	27	16	8
	Jun 2015	310	32	23	30	17	8
	Jul 2015	404	33	33	40	19	9
	Aug 2015	304	33	34	41	20	6
	Sep 2015	269	32	25	31	16	3
	Summer 2015	**1813**	**247**	**146**	**186**	**99**	**41**
	Oct 2015	180	21	16	20	10	5
	Nov 2015	187	17	5	7	4	5
	Dec 2015	223	18	17	21	11	5
	Jan 2016	295	18	18	23	12	5
	Feb 2016	219	17	15	19	10	4
	Mar 2016	219	18	12	17	9	4
	Winter 2016	**1323**	**109**	**82**	**107**	**56**	**28**
	Apr 2016	183	17	12	19	11	6
	May 2016	224	38	44	63	23	7
	Jun 2016	232	60	17	27	19	8
	Jul 2016	315	40	29	36	20	9
	Aug 2016	314	40	38	45	23	9
	Sep 2016	235	39	36	43	22	6
	Summer 2016	**1503**	**235**	**177**	**234**	**118**	**45**
	Oct 2016	235	40	23	29	15	6
	Nov 2016	234	39	14	18	9	6
	Dec 2016	311	40	25	30	15	6
	Jan 2017	309	40	21	27	14	6
	Feb 2017	249	36	14	19	10	5
	Mar 2017	249	40	12	17	9	5
	Winter 2017	**1338**	**195**	**98**	**123**	**63**	**28**
	Apr 2017	230	39	12	19	11	5

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2015 24-Month Study

Most Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions

Date	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Total KAF	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****EFFECTIVE SPACE****										
May 2015	696	232	526	13485	14938	17446	32385	38	125	85	247	13485	17446	31179	1500	996	0	28.4
Jun 2015	753	144	508	13299	14704	17747	32451	92	25	30	146	13299	17747	31193	1500	939	0	28.4
Jul 2015	665	70	532	13282	14549	17933	32482	-9	-53	3	-60	13282	17933	31155	1500	858	0	27.8
								****CREDITABLE SPACE****										
Aug 2015	690	115	586	13832	15222	17780	33003	690	115	586	1390	13832	17780	33003	1500	796	0	27.2
Sep 2015	747	172	626	14212	15757	17750	33507	747	172	626	1545	14212	17750	33507	2270	759	0	26.7
Oct 2015	804	216	638	14542	16200	17758	33957	804	216	638	1658	14542	17758	33957	3040	457	0	26.5
Nov 2015	820	232	631	14624	16307	17738	34044	820	232	631	1683	14624	17738	34044	3810	579	0	26.3
Dec 2015	825	218	629	14742	16415	17815	34230	825	218	629	1673	14742	17815	34230	4580	532	0	26.3
Jan 2016	842	248	631	14943	16664	17701	34366	842	248	631	1721	14943	17701	34366	5350	704	0	26.1
								****EFFECTIVE SPACE****										
Jan 2016	842	248	631	14943	16664	17701	34366	598	248	544	1390	14943	17701	34034	5350	704	0	26.1
Feb 2016	854	283	635	15313	17086	17580	34665	607	283	547	1437	15313	17580	34330	1500	631	0	25.9
Mar 2016	859	310	629	15492	17290	17569	34860	608	310	540	1459	15492	17569	34520	1500	1034	0	25.6
Apr 2016	811	316	573	15544	17245	17963	35207	555	316	478	1349	15544	17963	34856	1500	1095	0	25.5
May 2016	734	284	480	15267	16765	18505	35271	469	284	363	1116	15267	18505	34888	1500	1003	0	26.7
Jun 2016	604	230	340	14042	15216	18904	34120	327	228	185	740	14042	18904	33686	1500	925	0	28.2
Jul 2016	395	51	247	12677	13370	19261	32630	101	23	39	163	12677	19261	32101	1500	879	0	28.3
								****CREDITABLE SPACE****										
Aug 2016	311	27	265	12545	13148	19358	32506	311	27	265	603	12545	19358	32506	1500	788	0	28.0
Sep 2016	346	75	298	12752	13471	19315	32786	346	75	298	720	12752	19315	32786	2270	729	0	27.6
Oct 2016	408	143	317	12827	13696	19393	33089	408	143	317	869	12827	19393	33089	3040	484	0	27.4
Nov 2016	466	177	303	12869	13816	19282	33097	466	177	303	946	12869	19282	33097	3810	635	0	27.3
Dec 2016	523	193	299	12961	13976	19314	33290	523	193	299	1015	12961	19314	33290	4580	559	0	27.2
Jan 2017	599	248	301	13271	14418	19036	33454	599	248	301	1148	13271	19036	33454	5350	671	0	27.0
								****EFFECTIVE SPACE****										
Jan 2017	599	248	301	13271	14418	19036	33454	296	248	182	726	13271	19036	33033	5350	671	0	27.0
Feb 2017	669	295	305	13575	14844	18882	33726	365	295	185	846	13575	18882	33302	1500	596	0	26.8
Mar 2017	724	321	299	13755	15099	18791	33890	419	321	178	918	13755	18791	33463	1500	999	0	26.6
Apr 2017	735	327	244	13799	15104	19102	34207	426	327	116	869	13799	19102	33770	1500	1062	0	26.6

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2197

Processed On: 5/15/2015 11:53:06AM

June 24-Month Study
Date: June 15, 2015

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

Reservoir	May Inflow (unregulated) (acre-feet)	Percent of Average (%)	June 14, Midnight Elevation (feet)	Reservoir Storage (acre-feet)
Fontenelle	223,000	136	6505.05	337,000
Flaming Gorge	333,000	137	6029.83	3,342,000
Blue Mesa	136,000	62	7515.84	797,000
Navajo	180,000	65	6064.08	1,401,000
Powell	1,613,000	69	3605.60	12,293,000

Expected Operations

The operation of Lake Powell and Lake Mead in this June 2015 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines) and reflects the 2015 Annual Operating Plan (AOP). Pursuant to the Interim Guidelines, the August 2014 24-Month Study projections of the January 1, 2015, system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2015.

Consistent with Section 6.B of the Interim Guidelines, the Lake Powell operational tier for water year 2015 is the Upper Elevation Balancing Tier. The April 2015 24-Month Study projected the end of water year elevation at Lake Powell to be above 3,575 feet and the end of water year elevation at Lake Mead to be below elevation 1,075.0 feet. Therefore, in accordance with Section 6.B.4 of the 2007 Interim Guidelines, Lake Powell operations shifted to "balancing releases" for the remainder of water year 2015. Under Section 6.B.4, the contents of Lake Powell and Lake Mead will be balanced by the end of the water year, but not more than 9.0 maf and not less than 8.23 maf shall be released from Lake Powell. Based on the most probable inflow forecast, this June 24-Month Study projects a balancing release of 9.0 maf in water year 2015; the actual release in water year 2015, however, will depend on hydrology in the remainder of water year and will range from 8.23 to 9.0 maf. The projected release from Lake Powell in water year 2015 will be updated each month throughout the remainder of the water year.

Consistent with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar year 2015.

The Interim Guidelines are available for download at:
http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The 2015 AOP is available for download at:
http://www.usbr.gov/uc/water/rsvrs/ops/aop/AOP15.pdf.

Fontenelle Reservoir – Inflows to Fontenelle Reservoir for the month of May were 223,000 acre-feet (AF), or 136 percent of average. The current reservoir elevation is 6505 feet, which amounts to 97 percent of live storage capacity. Over the past week the average inflow rate was 6,860 cubic feet per second (cfs), with daily averages ranging from 6,440 cfs to 7,120 cfs. These high flows reflect this year's early spring runoff, as well as recent storm activity. Reservoir inflows are forecast to remain above 7,000 cfs through the weekend of June 12th, when they will likely peak between 7,500 and 8,000 cfs.

Between Monday, June 1st and Tuesday, June 9th, releases from Fontenelle were increased from power plant capacity (between 1,750 cfs and 1,850 cfs) to 7,000 cfs in order to manage increased runoff. Releases will likely vary throughout June in response to observed hydrology. Current weather forecasts suggest that above average precipitation may continue for the foreseeable future, and reservoir releases may remain elevated as a result. This is subject to change as additional information becomes available.

Seasonal reservoir inflows from April through June are projected to be near-to-below average, with June and July forecasted inflow volumes at 255,000 AF (85% of average) and 110,000 AF (62% of average), respectively. The June forecast of April-July inflow is for 675,000 AF (93% of average). This represents an increase of 180,000 AF since publication of the May final forecast.

The next Fontenelle Working Group meeting is scheduled for 10:00 am, August 26, 2015, at the Joint Powers Water Board, in Green River, Wyoming. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir.

Flaming Gorge Reservoir – Flaming Gorge Dam is currently releasing an average daily base flow of 1,700 cfs. It is anticipated that releases will remain at 1,700 cfs through September 30, 2015. There is the possibility that releases may increase to assist with the Colorado Pikeminnow spawn, one of four endangered species in the Green River. Information regarding revised releases will be distributed as early as possible. Base flow releases are subject to observed hydrology and all projections may change.

The above-average precipitation during May increased the projected Flaming Gorge unregulated inflow volume for the April-July period from 690,000 acre-feet (70% of average) to 910,000 acre-feet (93% of average) in the June forecast.

Unregulated inflow into Flaming Gorge Reservoir during the month of May was 333,000 acre-feet (AF), or 137 percent of average. The reservoir elevation is 6,028.29 feet. Observed inflows are averaging 5,000 cubic feet per second (cfs).

Inflows for the next three months are projected to be below average: with June, July and August forecasted inflow volumes at 330,000 AF (85% of average), 135,000 AF (64% of average), and 60,000 AF (68% of average), respectively.

The next Flaming Gorge Working Group meeting is scheduled for April 30, 2015, at 11:00 a.m. to be held in the Utah Department of Natural Resources building in Vernal, Utah. The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stake holders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations and plans presented by Reclamation at these meetings. Meeting notes from past Working Group meetings are posted on the Working Group webpage. For more information on this group and these meetings please contact Peter Crookston at 801-379-1152 or Heather Patno at 801-524-3883.

Aspinall Unit Reservoirs – May unregulated inflow into Blue Mesa Reservoir was 136,000 acre-feet or 62 percent of average. The Gunnison River Basin spring peak was thought to have occurred in early May, however with the onset of very heavy and frequent rainstorms, the basin inflows have been on the rise for the early part of June. So far this season Blue Mesa has seen peak flows of over 7,000 cfs and may even be higher over the mid-part of the month. Blue Mesa's present elevation is 7511.20 feet, which corresponds to a storage content of about 756,000 acre-feet. Precipitation during May was a whopping 255 percent of average.

The June 1st Water Supply Forecast issued from the River Forecast Center called for an April-July inflow into Blue Mesa Reservoir of 570,000 acre-feet (84% of normal). This is an increase of 130,000 acre-feet from last month. With the extra ordinary rain the basin has seen and continues to see, the forecast will probably increase again. At this time Reclamation is attempting to operate the Aspinall Unit to avoid spills and bypasses as much as possible. However, Crystal Dam is already in bypass mode, with a total release of 3,400 cfs set for June 4th and beyond. Under these conditions, Blue Mesa Reservoir is projected fill just below its top capacity of elevation 7519.4 feet this runoff season. Any elevation above 7516.00 is considered a fill for the season.

Pursuant to the Aspinall Unit Operations Record of Decision (ROD), the baseflow target in the lower Gunnison River, as measured at the Whitewater gage, is 1500 cfs for June. Flows in the lower Gunnison River are currently above the baseflow target. River flows are expected to stay above the baseflow target for the foreseeable future.

The next meeting of the "Aspinall Unit Working Group" will be held on Thursday, August 13, 2015 starting at 1:00 PM at the Elk Creek Visitor Center at Blue Mesa Reservoir. At this meeting, review of this spring's reservoir operations, and plans for this fall and winter operations will be discussed. These meetings are open forum discussions on the Aspinall Unit reservoir operations with many interested groups participating. Anyone needing further information about these meetings should contact Erik Knight in the Grand Junction Area Office at (970) 248-0629.

Navajo Reservoir – Reclamation is currently releasing 350 cfs. Releases are made for the authorized purposes of the Navajo Unit, and to attempt to maintain a target base flow through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell). The San Juan River Basin Recovery Implementation Program recommends a target base flow of between 500 cfs and 1,000 cfs through the critical habitat area. The target base flow is calculated as the weekly average of gaged flows throughout the critical habitat area.

Navajo was at 6053.4 feet of pool elevation and 1,266,532 acre-feet of storage by the end of May, which was 89% of average for the end of the month. Modified unregulated inflow into Navajo was 178,822 acre-feet, which was 65% of average for the month. Calculated evaporation for the month was 380 acre-ft. NIIP diverted a total of 23,357 acre-ft. The release averaged close to 350 cfs throughout the month. Precipitation at the dam totaled 3.02 inches (290% of average).

As of June 4, the release at Navajo (as measured at the USGS at Archuleta gage) was 329 cfs (the release will be adjusted on Monday to more closely match the scheduled release of 350 cfs), and the observed inflow is 4,369 cfs. NIIP is diverting 415 cfs. The reservoir elevation is 6055.7 feet and the content is 1,293,577 acre-feet, or 76% full (61% of Active). The San Juan River at Four Corners USGS gage is at 4,000 cfs, and the Animas River at Farmington USGS gage is at 4,070 cfs. Snotel sites above Navajo are showing 2.4 inches of SWE (106% of median on this date).

The most probable modified-unregulated inflow forecast for June at Navajo is 125,000 acre-feet (56% of average), for July is 20,000 acre-ft (30% of average), and for August is 18,000 acre-feet (40% of average). The April-July modified unregulated inflow forecasts are as follows:

Min Probable: 370,000 acre-feet (50% of average, an increase of 140,000 acre-feet from the last forecast)
Most Probable: 405,000 acre-feet (55% of average, an increase of 100,000 acre-feet from the last forecast)
Max Probable: 470,000 acre-feet (64% of average, an increase of 65,000 acre-feet from the last forecast)

The most probable forecast shows the reservoir will peak in mid-June near 6057.7 feet (1,319,000 acre-feet), end the water year (Sept 30th) near 6049.3 feet (1,218,000 acre-

feet), and reach a minimum overwinter storage level near 6048.7 feet (1,210,000 acre-feet) in February of 2016.

Glen Canyon Dam / Lake Powell

Current Status

The unregulated inflow volume to Lake Powell in May was 1,613 thousand acre-feet (kaf) (69% of average). The release volume from Glen Canyon Dam in May was 699 kaf. The end of May elevation and storage of Lake Powell were 3,597.3 feet (103 feet from full pool) and 11.49 million acre-feet (maf) (47% of full capacity), respectively. The reservoir elevation is increasing and will continue to increase throughout mid-summer as runoff from snowmelt and precipitation enters the reservoir.

Current Operations

The operating tier for water year 2015 was established in August 2014 as the Upper Elevation Balancing Tier. The April 2015 24-Month Study established that Lake Powell operations will be governed by balancing for the remainder of water year 2015. Under balancing, the contents of Lake Powell and Lake Mead will be balanced by the end of the water year, but not more than 9.0 maf and not less than 8.23 maf shall be released from Lake Powell. Based on the most probable inflow forecast, this June 24-Month Study projects a balancing release of 9.0 maf in water year 2015; the actual release in water year 2015, however, will depend on hydrology in the remainder of water year and will range from 8.23 to 9.0 maf. The projected release from Lake Powell in water year 2015 will be updated each month throughout the remainder of the water year. Reclamation will schedule operations at Glen Canyon Dam to achieve as practicably as possible the appropriate total annual release volume by September 30, 2015.

In June, the release volume will be approximately 800 kaf, with fluctuations anticipated between about 10,000 cfs in the nighttime to about 18,000 cfs in the daytime and consistent with the Glen Canyon Operating Criteria (Federal Register, Volume 62, No. 41, March 3, 1997). The anticipated release volume for July is 1,050 kaf with daily fluctuations between approximately 12,000 cfs and 20,000 cfs during the first part of the month and 14,000 cfs and 22,000 cfs during the latter part of the month. The expected release for August is 800 kaf with daily fluctuations between approximately 9,000 cfs and 17,000 cfs.

In addition to daily scheduled fluctuations for power generation, the instantaneous releases from Glen Canyon Dam may also fluctuate to provide 40 MW of system regulation. These instantaneous release adjustments stabilize the electrical generation and transmission system and translate to a range of about 1,200 cfs above or below the hourly scheduled release rate. Under system normal conditions, fluctuations for regulation are typically short lived and generally balance out over the hour with minimal or no noticeable impacts on downstream river flow conditions.

Releases from Glen Canyon Dam can also fluctuate beyond scheduled releases when called upon to respond to unscheduled power outages or power system emergencies. Depending on the severity of the system emergency, the response from Glen Canyon Dam can be significant, within the full range of the operating capacity of the power plant for as long as is necessary to maintain balance in the transmission system. Glen Canyon Dam typically maintains 27 MW (approximately 800 cfs) of generation capacity in reserve in order to respond to a system emergency even when generation rates are already high. System emergencies occur fairly infrequently and typically require small responses from Glen Canyon Dam. However, these responses can have a noticeable impact on the river downstream of Glen Canyon Dam.

Inflow Forecasts and Model Projections

The April to July 2015 water supply forecast for unregulated inflow to Lake Powell, issued on June 3, 2015, by the Colorado Basin River Forecast Center, projects that the most probable (median) unregulated inflow volume will be 5.00 maf (70% of average based on the period 1981-2010). Due to significantly above average precipitation in May, the forecast increased significantly (by 2,000 kaf) since last month. There is still uncertainty regarding the runoff and resulting inflow to Lake Powell. The April to July forecast ranges from a minimum probable of 4.45 maf (62% of average) to a maximum probable of 6.00 maf (84% of average). There is 10% chance that inflows could be higher than the maximum probable and a 10% chance they could be lower than the minimum probable.

As determined in the August 2014 24-Month Study, and documented in the 2015 Annual Operating Plan, Lake Powell's operations in water year 2015 will be governed by the Upper Elevation Balancing Tier. Because the April 2015 24-Month Study projected the end of water year elevation at Lake Powell to be above 3,575 feet and the end of water year elevation at Lake Mead to be below elevation 1,075.0 feet, Lake Powell operations shifted to balancing (Section 6.B.4 of the 2007 Interim Guidelines) for the remainder of water year 2015. Under balancing, the contents of Lake Powell and Lake Mead will be balanced by the end of the water year, but not more than 9.0 maf and not less than 8.23 maf shall be released from Lake Powell.

Based on the June most probable inflow forecast, the annual release volume from Lake Powell during water year 2015 is projected to be 9.0 maf. Under the minimum probable inflow scenario, last update in April, the water year release is projected to be 8.9 maf. Under the maximum probable inflow scenario, last updated in April, the release is projected to be 9.0 maf. There 10% chance that inflows will be lower than the minimum probable forecast, potentially resulting in lower releases. If inflows are less than the minimum probable forecast, the water year 2015 annual release could be as low as 8.23 maf. If inflows are greater than the forecasted maximum probable inflow, the annual release will be 9.0 maf. The projected release from Lake Powell in water year 2015 will be updated each month throughout the remainder of the water year.

Based on the current forecast, the June 24-Month Study projects Lake Powell's end of water year 2015 elevation to be near 3,596 feet with approximately 11.34 maf in storage

(47% capacity). Projections of elevation and storage still have uncertainty at this point in the season, primarily due to uncertainty regarding runoff and the resulting inflow to Lake Powell. Under the minimum probable inflow scenario, last updated in April, the projected end of water year elevation and storage are 3,574 feet and 9.45 maf (39% capacity), respectively. Under the maximum probable inflow scenario, last updated in April, the projected end of water year elevation and storage are 3,603 feet and 12.02 maf (49% capacity), respectively. Modeling of projected reservoir operations based on the minimum and maximum scenarios will be updated again in August.

Upper Colorado River Basin Hydrology

The Upper Colorado River Basin regularly experiences significant year to year hydrologic variability. During the 15-year period 2000 to 2014, however, the unregulated inflow to Lake Powell, which is a good measure of hydrologic conditions in the Colorado River Basin, was above average in only 3 out of the past 15 years. The period 2000-2014 is the lowest 15-year period since the closure of Glen Canyon Dam in 1963, with an average unregulated inflow of 8.39 maf, or 78% of the 30-year average (1981-2010). (For comparison, the 1981-2010 total water year average is 10.83 maf.) The unregulated inflow during the 2000-2014 period has ranged from a low of 2.64 maf (24% of average) in water year 2002 to a high of 15.97 maf (147% of average) in water year 2011. The water year 2014 unregulated inflow volume to Lake Powell was 10.381 maf (96% of average), which, though still below average, was significantly higher than inflows observed in 2012 and 2013 (45% and 47% of average, respectively). Under the current most probable forecast, total water year 2015 unregulated inflows to Lake Powell is projected to be 8.54 maf (79% of average), and ranges from a minimum probable inflow of 8.0 maf (74%) and maximum probable inflow of 9.5 maf (88%).

At the beginning of water year 2015, total system storage in the Colorado River Basin was 30.0 maf (50% of 59.6 maf total system capacity). This is nearly the same as the total storage at the beginning of water year 2014 which began at 29.9 maf (50% of capacity). Since the beginning of water year 2000, total Colorado Basin storage has experienced year to year increases and decreases in response to wet and dry hydrology, ranging from a high of 94% of capacity at the beginning of 2000 to a low of 50% of capacity at the beginning of water year 2015. One wet year can significantly increase total system reservoir storage, just as persistent dry years can draw down the system storage. Based on current inflow forecasts, the current projected end of water year 2015 total Colorado Basin reservoir storage is approximately 28.8 maf (48% of total system capacity). The actual end of water year system storage may vary from this projection, primarily due to uncertainty regarding this season's runoff and resulting reservoir inflow. Based on the April minimum and maximum probable inflow forecasts and modeling the range is approximately 26.1 maf (44%) to 29.5 maf (50%), respectively.

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-430
125 SOUTH STATE STREET, ROOM 6107
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-3709

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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:	Obs			may	Forecast			Outlook	
:	feb	mar	apr	may	%Avg	jun	jul	aug	apr-jul	%Avg
GLDA3:Lake Powell	424	552	639	1613	69%:	2150/	600/	350/	5000/:	70%
GBRW4:Fontenelle	46	70	87	223	136%:	255/	110/	52/	675/:	93%
GRNU1:Flaming Gorge	63	77	112	333	137%:	330/	135/	60/	910/:	93%
BMDC2:Blue Mesa	28	54	73	136	62%:	275/	86/	45/	570/:	84%
MPSC2:Morrow Point	29	56	79	151	61%:	295/	90/	48/	615/:	83%
CLSC2:Crystal	34	63	85	164	58%:	330/	96/	52/	675/:	81%
TPIC2:Taylor Park	4.4	6.5	9.2	18.6	66%:	44/	14/	6/	86/:	87%
VCRC2:Vallecito	6.7	13.2	18.5	43	60%:	57/	16/	13/	135/:	70%
NVRN5:Navajo	29	88	80	180	65%:	125/	20/	18/	405/:	55%
LEMC2:Lemon	1.09	2.5	4.8	10.0	46%:	14/	3/	2/	32/:	58%
MPHC2:McPhee	4.7	14.6	22	75	60%:	70/	13/	8/	180/:	61%
RBSC2:Ridgway	3.8	6.3	6.3	14.0	54%:	37/	16/	8/	73/:	72%

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2015 24-Month Study

Most Probable Inflow*

Fontenelle Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jun 2014	427	2	104	254	364	6492.90	247
H	Jul 2014	220	3	90	1	117	6506.25	347
I	Aug 2014	98	2	100	1	108	6504.71	335
S	Sep 2014	69	2	21	66	87	6502.07	314
	WY 2014	**1424**	**15**	**811**	**478**	**1328**		
T	Oct 2014	85	1	80	10	90	6501.37	309
O	Nov 2014	53	1	69	1	69	6499.16	292
R	Dec 2014	51	1	77	0	77	6495.49	265
I	Jan 2015	46	1	77	0	77	6490.98	234
C	Feb 2015	46	1	69	1	69	6487.37	210
A	Mar 2015	70	1	78	0	78	6486.00	201
L	Apr 2015	87	1	102	0	103	6483.35	185
*	May 2015	223	2	104	4	108	6499.95	298
	Jun 2015	255	3	98	124	222	6503.90	329
	Jul 2015	110	3	100	14	114	6503.07	322
	Aug 2015	52	2	82	0	82	6498.83	290
	Sep 2015	41	2	38	22	60	6496.05	270
	WY 2015	**1120**	**17**	**973**	**174**	**1148**		
	Oct 2015	44	1	61	0	61	6493.42	251
	Nov 2015	40	1	60	0	60	6490.47	231
	Dec 2015	32	1	61	0	61	6485.81	201
	Jan 2016	30	1	61	0	61	6480.37	169
	Feb 2016	28	1	58	0	58	6474.42	139
	Mar 2016	45	0	61	0	61	6470.66	122
	Apr 2016	75	1	89	0	89	6467.07	107
	May 2016	140	1	96	12	108	6474.32	138
	Jun 2016	260	2	101	9	110	6498.33	286
	Jul 2016	168	3	102	12	114	6505.05	338
	Aug 2016	63	2	101	1	102	6499.73	297
	Sep 2016	40	2	72	0	72	6495.07	263
	WY 2016	**965**	**14**	**924**	**34**	**958**		
	Oct 2016	44	1	65	0	65	6492.04	242
	Nov 2016	40	1	62	0	62	6488.55	219
	Dec 2016	32	1	65	0	65	6483.31	186
	Jan 2017	30	1	65	0	65	6476.90	151
	Feb 2017	28	0	58	0	58	6470.14	120
	Mar 2017	53	0	65	0	65	6467.14	107
	Apr 2017	85	1	74	0	74	6469.70	118
	May 2017	164	1	99	6	105	6481.61	176

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2199

Processed On: 6/10/2015 4:30:55PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2015 24-Month Study

Most Probable Inflow*

Flaming Gorge Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	Jun 2014	472	409	10	208	85	293	132	6028.39	3287	775
H	Jul 2014	226	123	13	105	0	105	132	6028.51	3292	208
I	Aug 2014	126	136	13	122	0	122	132	6028.53	3293	190
S	Sep 2014	99	118	11	116	0	116	132	6028.31	3284	170
	WY 2014	**1689**	**1594**	**77**	**945**	**86**	**1032**				**2799**
T	Oct 2014	108	112	7	92	0	92	133	6028.64	3297	159
O	Nov 2014	65	81	4	77	0	77	133	6028.63	3296	134
R	Dec 2014	53	79	2	113	0	113	131	6027.71	3262	164
I	Jan 2015	67	98	2	124	0	124	130	6026.99	3234	178
C	Feb 2015	63	86	2	113	0	113	129	6026.25	3207	168
A	Mar 2015	77	85	3	124	0	124	127	6025.15	3166	219
L	Apr 2015	112	127	5	73	0	73	129	6026.41	3213	252
*	May 2015	333	218	8	169	57	226	129	6026.01	3198	652
	Jun 2015	330	297	10	101	0	101	136	6030.69	3376	386
	Jul 2015	135	139	14	105	0	105	137	6031.20	3395	160
	Aug 2015	60	90	13	105	0	105	136	6030.52	3369	118
	Sep 2015	43	62	11	101	0	101	134	6029.25	3320	110
	WY 2015	**1444**	**1472**	**81**	**1297**	**57**	**1354**				**2700**
	Oct 2015	55	72	7	105	0	105	132	6028.26	3282	126
	Nov 2015	52	72	3	101	0	101	131	6027.42	3251	127
	Dec 2015	36	65	2	105	0	105	129	6026.38	3211	126
	Jan 2016	40	71	2	105	0	105	128	6025.48	3178	124
	Feb 2016	43	73	2	98	0	98	127	6024.77	3152	116
	Mar 2016	91	107	3	83	0	83	128	6025.33	3172	144
	Apr 2016	120	134	5	80	0	80	130	6026.59	3220	260
	May 2016	200	168	8	128	0	128	131	6027.41	3250	598
	Jun 2016	320	170	10	154	0	154	131	6027.54	3255	559
	Jul 2016	190	136	13	92	0	92	132	6028.31	3284	160
	Aug 2016	73	112	13	92	0	92	132	6028.49	3291	110
	Sep 2016	50	82	11	89	0	89	132	6028.03	3273	102
	WY 2016	**1270**	**1263**	**79**	**1232**	**0**	**1232**				**2552**
	Oct 2016	55	75	7	92	0	92	131	6027.41	3250	118
	Nov 2016	50	72	3	89	0	89	130	6026.88	3230	118
	Dec 2016	35	67	2	92	0	92	129	6026.20	3205	118
	Jan 2017	40	75	2	92	0	92	128	6025.70	3186	117
	Feb 2017	45	75	2	83	0	83	128	6025.43	3176	111
	Mar 2017	102	114	3	92	0	92	129	6025.93	3195	169
	Apr 2017	134	122	5	89	0	89	130	6026.66	3222	304
	May 2017	245	186	8	111	0	111	132	6028.37	3287	643

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2015 24-Month Study

Most Probable Inflow*

Taylor Park Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jun 2014	49	28	9324.29	95
H	Jul 2014	19	25	9320.83	88
I	Aug 2014	12	19	9316.50	81
S	Sep 2014	10	14	9314.21	77
	WY 2014	**161**	**154**		
T	Oct 2014	10	8	9315.40	79
O	Nov 2014	7	6	9315.85	80
R	Dec 2014	6	6	9315.74	79
I	Jan 2015	6	6	9315.48	79
C	Feb 2015	4	5	9314.94	78
A	Mar 2015	7	6	9315.31	79
L	Apr 2015	9	6	9317.32	82
*	May 2015	19	10	9321.95	91
	Jun 2015	44	33	9327.67	102
	Jul 2015	14	22	9323.55	94
	Aug 2015	6	18	9316.97	82
	Sep 2015	7	14	9312.86	75
	WY 2015	**137**	**140**		
	Oct 2015	6	8	9311.64	73
	Nov 2015	5	6	9311.02	72
	Dec 2015	4	6	9309.77	70
	Jan 2016	4	6	9308.50	68
	Feb 2016	4	6	9306.87	65
	Mar 2016	4	6	9305.47	63
	Apr 2016	7	6	9306.01	64
	May 2016	25	10	9315.35	79
	Jun 2016	39	18	9326.76	100
	Jul 2016	14	20	9323.65	94
	Aug 2016	8	18	9318.22	84
	Sep 2016	7	14	9314.12	77
	WY 2016	**126**	**124**		
	Oct 2016	6	12	9310.70	71
	Nov 2016	5	6	9310.08	70
	Dec 2016	5	6	9309.24	69
	Jan 2017	4	6	9308.18	67
	Feb 2017	4	6	9306.75	65
	Mar 2017	4	6	9305.71	63
	Apr 2017	9	6	9307.53	66
	May 2017	28	14	9316.28	80

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2015 24-Month Study

Most Probable Inflow*

Blue Mesa Reservoir

	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jun 2014	361	338	1	185	142	353	7499.76	659
H	Jul 2014	117	123	1	118	0	118	7500.15	663
I	Aug 2014	64	72	1	104	0	104	7496.00	629
S	Sep 2014	48	52	1	81	0	81	7492.28	599
	WY 2014	**1145**	**1138**	**8**	**708**	**145**	**879**		
T	Oct 2014	55	53	1	64	0	64	7490.77	587
O	Nov 2014	37	36	0	27	0	27	7491.85	596
R	Dec 2014	34	34	0	55	0	55	7489.11	574
I	Jan 2015	30	30	0	58	0	58	7485.48	547
C	Feb 2015	28	29	0	29	0	29	7485.47	547
A	Mar 2015	54	53	0	26	0	26	7488.96	573
L	Apr 2015	73	70	1	45	0	45	7492.04	597
*	May 2015	136	128	1	71	0	71	7498.96	653
	Jun 2015	275	264	1	90	0	90	7518.92	825
	Jul 2015	86	94	2	124	0	124	7515.43	794
	Aug 2015	45	57	1	124	0	124	7507.65	726
	Sep 2015	40	47	1	120	0	120	7498.81	652
	WY 2015	**891**	**894**	**9**	**833**	**0**	**833**		
	Oct 2015	37	39	1	69	0	69	7495.04	621
	Nov 2015	31	32	0	18	0	18	7496.75	635
	Dec 2015	25	27	0	80	0	80	7490.00	581
	Jan 2016	24	26	0	60	0	60	7485.55	547
	Feb 2016	21	24	0	48	0	48	7482.25	522
	Mar 2016	32	34	0	40	0	40	7481.39	516
	Apr 2016	65	64	1	41	0	41	7484.42	539
	May 2016	200	185	1	150	0	150	7488.88	573
	Jun 2016	245	224	1	72	0	72	7507.38	723
	Jul 2016	91	97	2	88	0	88	7508.26	731
	Aug 2016	50	60	1	106	0	106	7502.69	684
	Sep 2016	38	45	1	95	0	95	7496.49	633
	WY 2016	**859**	**857**	**8**	**867**	**0**	**867**		
	Oct 2016	38	44	1	53	0	53	7495.29	623
	Nov 2016	31	32	0	23	0	23	7496.39	632
	Dec 2016	26	27	0	77	0	77	7490.00	581
	Jan 2017	24	26	0	73	0	73	7483.81	534
	Feb 2017	22	25	0	50	0	50	7480.34	508
	Mar 2017	36	38	0	43	0	43	7479.54	503
	Apr 2017	77	74	1	42	0	42	7483.83	534
	May 2017	221	207	1	150	0	150	7491.12	590

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2015 24-Month Study

Most Probable Inflow*

Morrow Point Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jun 2014	379	353	18	372	295	63	382	7138.91	101
H	Jul 2014	120	118	3	122	82	8	110	7153.91	112
I	Aug 2014	64	104	1	105	104	0	104	7154.40	113
S	Sep 2014	49	81	1	82	82	0	82	7153.75	112
	WY 2014	**1215**	**879**	**70**	**949**	**782**	**73**	**949**		
T	Oct 2014	56	64	1	65	49	0	68	7149.96	109
O	Nov 2014	38	27	2	29	23	0	26	7154.03	112
R	Dec 2014	35	55	1	56	56	0	56	7153.68	112
I	Jan 2015	30	58	1	58	60	0	60	7152.01	111
C	Feb 2015	29	29	1	30	31	0	31	7151.25	110
A	Mar 2015	56	26	3	29	28	0	28	7151.69	110
L	Apr 2015	79	45	6	50	51	0	51	7150.61	110
*	May 2015	151	71	15	86	84	0	84	7153.24	112
	Jun 2015	295	90	20	110	110	0	110	7153.73	112
	Jul 2015	90	124	4	128	128	0	128	7153.73	112
	Aug 2015	48	124	3	127	127	0	127	7153.73	112
	Sep 2015	43	120	3	123	123	0	123	7153.73	112
	WY 2015	**950**	**833**	**59**	**891**	**869**	**0**	**891**		
	Oct 2015	39	69	2	71	71	0	71	7153.73	112
	Nov 2015	33	18	2	20	20	0	20	7153.73	112
	Dec 2015	27	80	2	82	82	0	82	7153.73	112
	Jan 2016	26	60	2	62	62	0	62	7153.73	112
	Feb 2016	23	48	2	50	50	0	50	7153.73	112
	Mar 2016	35	40	3	43	43	0	43	7153.73	112
	Apr 2016	74	41	9	50	50	0	50	7153.73	112
	May 2016	220	150	20	170	170	0	170	7153.73	112
	Jun 2016	260	72	15	87	87	0	87	7153.73	112
	Jul 2016	95	88	4	92	92	0	92	7153.73	112
	Aug 2016	52	106	2	108	108	0	108	7153.73	112
	Sep 2016	40	95	2	97	97	0	97	7153.73	112
	WY 2016	**924**	**867**	**65**	**932**	**932**	**0**	**932**		
	Oct 2016	40	53	2	55	55	0	55	7153.73	112
	Nov 2016	33	23	2	25	25	0	25	7153.73	112
	Dec 2016	28	77	2	80	80	0	80	7153.73	112
	Jan 2017	27	73	2	75	75	0	75	7153.73	112
	Feb 2017	25	50	3	53	53	0	53	7153.73	112
	Mar 2017	40	43	4	47	47	0	47	7153.73	112
	Apr 2017	88	42	11	53	53	0	53	7153.73	112
	May 2017	247	150	26	176	176	0	176	7153.73	112

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2015 24-Month Study

Most Probable Inflow*

Crystal Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
*	Jun 2014	414	382	35	417	108	126	419	6751.56	17	61	378
H	Jul 2014	130	110	10	120	119	2	120	6749.06	16	67	59
I	Aug 2014	69	104	4	109	108	0	108	6749.65	16	65	48
S	Sep 2014	53	82	4	86	84	3	87	6747.57	15	62	26
	WY 2014	**1337**	**949**	**123**	**1071**	**690**	**187**	**1071**			**374**	**738**
T	Oct 2014	61	68	5	73	74	0	74	6745.88	15	48	27
O	Nov 2014	43	26	5	30	29	0	30	6748.06	16	0	29
R	Dec 2014	39	56	5	61	61	0	61	6746.42	15	1	62
I	Jan 2015	35	60	5	64	55	9	64	6746.05	15	1	65
C	Feb 2015	34	31	4	35	11	22	33	6751.96	17	0	34
A	Mar 2015	63	28	6	35	35	0	35	6752.00	17	1	34
L	Apr 2015	85	51	7	58	58	0	58	6751.65	17	37	21
*	May 2015	164	84	13	97	90	6	96	6752.09	17	62	36
	Jun 2015	330	110	35	145	130	14	144	6753.04	17	60	84
	Jul 2015	96	128	6	134	134	0	134	6753.04	17	65	69
	Aug 2015	52	127	4	131	131	0	131	6753.04	17	65	66
	Sep 2015	47	123	4	127	127	0	127	6753.04	17	55	72
	WY 2015	**1049**	**891**	**98**	**990**	**936**	**52**	**988**			**395**	**600**
	Oct 2015	43	71	4	75	75	0	75	6753.04	17	30	45
	Nov 2015	37	20	4	24	24	0	24	6753.04	17	0	24
	Dec 2015	31	82	4	86	86	0	86	6753.04	17	0	86
	Jan 2016	29	62	3	65	65	0	65	6753.04	17	0	65
	Feb 2016	25	50	2	52	52	0	52	6753.04	17	0	52
	Mar 2016	40	43	5	48	48	0	48	6753.04	17	5	43
	Apr 2016	84	50	10	60	60	0	60	6753.04	17	30	30
	May 2016	250	170	30	200	134	66	200	6753.04	17	55	145
	Jun 2016	290	87	30	117	117	0	117	6753.04	17	60	57
	Jul 2016	105	92	10	102	102	0	102	6753.04	17	65	37
	Aug 2016	59	108	7	115	115	0	115	6753.04	17	65	50
	Sep 2016	46	97	6	103	103	0	103	6753.04	17	55	48
	WY 2016	**1039**	**932**	**115**	**1047**	**981**	**66**	**1047**			**365**	**682**
	Oct 2016	46	55	6	61	61	0	61	6753.04	17	30	31
	Nov 2016	38	25	5	30	30	0	30	6753.04	17	0	30
	Dec 2016	32	80	5	84	84	0	84	6753.04	17	0	84
	Jan 2017	31	75	5	80	80	0	80	6753.04	17	0	80
	Feb 2017	29	53	4	56	56	0	56	6753.04	17	0	56
	Mar 2017	46	47	6	53	53	0	53	6753.04	17	5	48
	Apr 2017	101	53	12	66	66	0	66	6753.04	17	30	36
	May 2017	281	176	34	210	134	76	210	6753.04	17	55	155

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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RECLAMATION
Managing Water in the West

June 2015 24-Month Study

Most Probable Inflow*

Vallecito Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jun 2014	47	50	7662.12	118
H	Jul 2014	15	38	7653.12	95
I	Aug 2014	14	32	7645.08	75
S	Sep 2014	22	28	7642.43	70
	WY 2014	**238**	**229**		
T	Oct 2014	23	5	7650.16	87
O	Nov 2014	10	3	7652.74	94
R	Dec 2014	6	4	7653.53	96
I	Jan 2015	6	5	7654.18	97
C	Feb 2015	7	4	7655.19	100
A	Mar 2015	13	12	7655.67	101
L	Apr 2015	19	11	7658.49	108
*	May 2015	43	31	7662.94	120
	Jun 2015	57	52	7664.51	124
	Jul 2015	16	42	7654.48	98
	Aug 2015	13	38	7643.86	73
	Sep 2015	8	30	7633.29	51
	WY 2015	**222**	**237**		
	Oct 2015	11	17	7629.80	44
	Nov 2015	8	1	7633.32	51
	Dec 2015	6	2	7635.60	55
	Jan 2016	5	2	7637.29	59
	Feb 2016	4	1	7638.49	61
	Mar 2016	6	2	7640.52	65
	Apr 2016	20	1	7648.60	84
	May 2016	68	31	7663.00	120
	Jun 2016	60	55	7664.52	124
	Jul 2016	25	41	7658.07	107
	Aug 2016	18	38	7649.98	87
	Sep 2016	15	29	7643.70	72
	WY 2016	**246**	**221**		
	Oct 2016	14	16	7642.58	70
	Nov 2016	8	1	7645.60	77
	Dec 2016	6	2	7647.64	81
	Jan 2017	5	2	7649.24	85
	Feb 2017	5	1	7650.59	88
	Mar 2017	9	2	7653.40	95
	Apr 2017	23	1	7661.77	117
	May 2017	71	62	7664.98	125

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2015 24-Month Study

Most Probable Inflow*

Navajo Reservoir

	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azetea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Farmington Flow (1000 Ac-Ft)
*	Jun 2014	116	19	98	4	39	20	6045.77	1177	148
H	Jul 2014	14	2	35	4	44	29	6042.03	1135	64
I	Aug 2014	14	1	32	3	37	39	6037.72	1088	61
S	Sep 2014	39	1	47	2	22	31	6036.99	1081	61
	WY 2014	**696**	**62**	**626**	**23**	**203**	**253**			**754**
T	Oct 2014	68	1	46	1	7	21	6038.47	1096	65
O	Nov 2014	28	0	21	1	0	21	6038.43	1096	46
R	Dec 2014	19	0	17	1	0	21	6037.94	1091	44
I	Jan 2015	23	0	21	1	0	21	6037.90	1090	39
C	Feb 2015	29	1	25	1	0	19	6038.43	1096	40
A	Mar 2015	87	7	80	1	3	21	6043.43	1150	56
L	Apr 2015	80	8	64	2	20	21	6045.22	1170	38
*	May 2015	179	24	145	3	23	22	6053.44	1267	95
	Jun 2015	125	16	104	4	44	21	6056.37	1302	163
	Jul 2015	20	0	45	4	56	27	6052.87	1260	75
	Aug 2015	18	0	42	3	47	35	6049.17	1216	60
	Sep 2015	25	1	46	3	26	25	6048.53	1208	51
	WY 2015	**700**	**59**	**656**	**25**	**227**	**276**			**773**
	Oct 2015	31	1	36	2	9	22	6048.84	1212	45
	Nov 2015	30	0	23	1	0	21	6048.97	1213	37
	Dec 2015	22	0	18	1	0	22	6048.57	1209	35
	Jan 2016	19	0	16	1	0	22	6048.01	1202	34
	Feb 2016	24	0	21	1	0	21	6047.97	1202	31
	Mar 2016	70	2	64	1	5	22	6050.94	1237	38
	Apr 2016	135	14	102	2	20	21	6055.83	1296	65
	May 2016	265	40	188	4	34	22	6065.95	1425	162
	Jun 2016	190	33	152	5	49	21	6071.63	1503	151
	Jul 2016	57	7	67	5	53	48	6068.86	1465	102
	Aug 2016	36	1	54	4	44	58	6065.03	1413	91
	Sep 2016	35	1	49	3	24	71	6061.24	1364	97
	WY 2016	**914**	**99**	**790**	**28**	**238**	**369**			**886**
	Oct 2016	41	2	42	2	8	22	6062.01	1374	46
	Nov 2016	31	1	24	1	0	21	6062.17	1376	38
	Dec 2016	25	0	20	1	0	22	6062.02	1374	37
	Jan 2017	22	0	18	1	0	22	6061.70	1370	35
	Feb 2017	30	0	27	1	0	19	6062.21	1376	32
	Mar 2017	92	2	83	2	5	22	6066.38	1431	44
	Apr 2017	170	15	133	3	20	26	6072.52	1516	79
	May 2017	277	41	227	4	33	203	6071.60	1503	349

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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June 2015 24-Month Study

Most Probable Inflow*

Lake Powell

	Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry Gage (1000 Ac-Ft)
*	Jun 2014	3039	2676	42	598	0	598	3609.19	5066	12649	609
H	Jul 2014	838	730	53	800	0	800	3608.05	5056	12535	814
I	Aug 2014	517	615	53	801	0	801	3605.82	5039	12314	818
S	Sep 2014	511	622	48	604	0	604	3605.53	5037	12286	619
	WY 2014	**10381**	**9287**	**347**	**7337**	**143**	**7480**				**7568**
T	Oct 2014	716	636	34	598	0	598	3605.57	5037	12290	613
O	Nov 2014	423	420	32	645	132	777	3601.87	5008	11929	780
R	Dec 2014	409	465	25	864	0	864	3597.75	4977	11537	880
I	Jan 2015	348	449	8	862	0	862	3593.57	4945	11147	878
C	Feb 2015	424	464	8	589	0	589	3592.23	4936	11024	595
A	Mar 2015	552	543	14	649	0	649	3591.02	4927	10913	656
L	Apr 2015	639	539	21	600	0	600	3590.18	4921	10837	610
*	May 2015	1613	1431	25	699	0	699	3597.27	4973	11491	708
	Jun 2015	2150	1691	42	800	0	800	3605.45	5036	12277	809
	Jul 2015	600	672	51	1050	0	1050	3601.35	5004	11879	1065
	Aug 2015	350	539	50	800	0	800	3598.33	4981	11591	817
	Sep 2015	320	485	45	711	0	711	3595.64	4961	11339	724
	WY 2015	**8543**	**8333**	**355**	**8868**	**132**	**9000**				**9135**
	Oct 2015	450	533	31	600	0	600	3594.66	4954	11248	609
	Nov 2015	420	447	30	600	0	600	3592.83	4940	11079	606
	Dec 2015	310	433	24	800	0	800	3588.86	4911	10717	806
	Jan 2016	300	403	7	800	0	800	3584.65	4881	10343	809
	Feb 2016	330	409	7	650	0	650	3582.02	4863	10113	655
	Mar 2016	520	479	12	650	0	650	3580.05	4849	9944	656
	Apr 2016	830	686	20	600	0	600	3580.77	4854	10005	610
	May 2016	2150	1858	24	650	0	650	3593.07	4942	11101	658
	Jun 2016	2500	2074	42	800	0	800	3605.09	5033	12243	809
	Jul 2016	850	799	52	1000	0	1000	3602.70	5014	12009	1015
	Aug 2016	400	543	50	1050	0	1050	3597.29	4973	11493	1067
	Sep 2016	320	477	45	800	0	800	3593.63	4946	11152	813
	WY 2016	**9380**	**9142**	**344**	**9000**	**0**	**9000**				**9113**
	Oct 2016	438	481	31	600	0	600	3592.12	4935	11013	609
	Nov 2016	439	461	29	600	0	600	3590.40	4922	10857	606
	Dec 2016	363	468	23	800	0	800	3586.75	4896	10528	806
	Jan 2017	361	461	7	800	0	800	3583.11	4870	10208	809
	Feb 2017	393	449	7	650	0	650	3580.88	4855	10015	655
	Mar 2017	665	598	12	650	0	650	3580.19	4850	9956	656
	Apr 2017	1056	867	20	600	0	600	3582.84	4868	10185	610
	May 2017	2343	2138	25	650	0	650	3597.77	4977	11539	658

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2199

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2015 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Glen Release (1000 Ac-Ft)	Side Inflow Glen to Hoover (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Jun 2014	598	10	54	959	16.1	28	958	665	1082.66	10233
H	Jul 2014	800	54	67	943	15.3	27	941	654	1080.60	10061
I	Aug 2014	801	113	71	735	12.0	23	727	659	1081.55	10140
S	Sep 2014	604	140	58	686	11.5	19	684	658	1081.33	10121
	WY 2014	**7480**	**677**	**567**	**9759**		**216**	**9716**			
T	Oct 2014	598	68	43	472	7.7	21	461	666	1082.79	10244
O	Nov 2014	777	44	43	695	11.7	13	692	670	1083.57	10309
R	Dec 2014	864	56	37	493	8.0	8	492	693	1087.79	10667
I	Jan 2015	862	73	31	832	13.5	6	832	697	1088.51	10729
C	Feb 2015	589	90	28	600	10.8	8	599	700	1088.98	10769
A	Mar 2015	649	57	31	1034	16.8	14	1033	677	1084.87	10419
L	Apr 2015	600	26	38	1087	18.3	20	1086	646	1079.03	9931
*	May 2015	699	26	43	871	14.2	25	861	632	1076.57	9729
	Jun 2015	800	23	52	899	15.1	31	899	623	1074.73	9579
	Jul 2015	1050	67	65	916	14.9	32	916	629	1075.93	9677
	Aug 2015	800	127	69	770	12.5	30	770	632	1076.59	9730
	Sep 2015	711	114	57	750	12.6	17	750	633	1076.60	9731
	WY 2015	**9000**	**770**	**539**	**9420**		**228**	**9392**			
	Oct 2015	600	61	42	471	7.7	22	471	640	1078.05	9850
	Nov 2015	600	50	42	592	9.9	12	592	641	1078.10	9854
	Dec 2015	800	96	36	544	8.9	9	544	659	1081.58	10142
	Jan 2016	800	72	30	704	11.4	9	704	667	1083.03	10263
	Feb 2016	650	77	28	631	11.0	8	631	671	1083.70	10320
	Mar 2016	650	61	31	1034	16.8	16	1034	648	1079.54	9973
	Apr 2016	600	76	38	1095	18.4	22	1095	619	1074.04	9523
	May 2016	650	49	42	1003	16.3	30	1003	596	1069.63	9170
	Jun 2016	800	23	51	925	15.5	30	925	585	1067.45	8998
	Jul 2016	1000	67	63	879	14.3	32	879	591	1068.56	9085
	Aug 2016	1050	127	68	788	12.8	30	788	608	1072.00	9359
	Sep 2016	800	114	56	729	12.2	17	729	615	1073.31	9464
	WY 2016	**9000**	**874**	**526**	**9396**		**236**	**9396**			
	Oct 2016	600	61	41	484	7.9	21	484	622	1074.65	9572
	Nov 2016	600	50	41	635	10.7	12	635	620	1074.21	9537
	Dec 2016	800	96	36	559	9.1	8	559	638	1077.59	9812
	Jan 2017	800	72	30	703	11.4	9	703	646	1079.07	9934
	Feb 2017	650	77	27	627	11.3	8	627	650	1079.80	9994
	Mar 2017	650	61	30	1034	16.8	16	1034	627	1075.57	9647
	Apr 2017	600	76	37	1095	18.4	22	1095	598	1069.98	9198
	May 2017	650	49	42	1002	16.3	31	1002	575	1065.51	8846

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2015 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Jun 2014	959	-19	25	947	0	947	15.9	642.83	1694
H	Jul 2014	943	-10	25	900	0	900	14.6	643.10	1701
I	Aug 2014	735	-6	23	697	0	697	11.3	643.43	1711
S	Sep 2014	686	-6	18	727	0	727	12.2	641.03	1645
	WY 2014	**9759**	**-139**	**198**	**9400**	**0**	**9400**			
T	Oct 2014	472	10	15	642	0	642	10.4	634.40	1470
O	Nov 2014	695	-6	10	629	0	629	10.6	636.32	1520
R	Dec 2014	493	-2	9	445	0	445	7.2	637.75	1558
I	Jan 2015	832	-22	10	660	0	660	10.7	642.98	1698
C	Feb 2015	600	-8	10	625	0	625	11.3	641.43	1656
A	Mar 2015	1034	-21	13	963	0	963	15.7	642.78	1693
L	Apr 2015	1087	-21	17	1022	3	1019	17.1	643.88	1723
*	May 2015	871	-10	22	829	0	854	13.9	643.30	1707
	Jun 2015	899	-17	25	864	0	864	14.5	643.00	1699
	Jul 2015	916	-13	25	877	0	877	14.3	643.00	1699
	Aug 2015	770	-10	23	764	0	764	12.4	642.00	1671
	Sep 2015	750	-6	18	779	0	779	13.1	640.01	1617
	WY 2015	**9420**	**-127**	**198**	**9100**	**3**	**9122**			
	Oct 2015	471	1	15	640	0	640	10.4	633.00	1434
	Nov 2015	592	-11	10	519	0	519	8.7	635.00	1486
	Dec 2015	544	-12	9	426	0	426	6.9	638.71	1583
	Jan 2016	704	-13	10	598	0	598	9.7	641.80	1666
	Feb 2016	631	-13	10	608	0	608	10.6	641.80	1666
	Mar 2016	1034	-15	13	972	0	972	15.8	643.05	1700
	Apr 2016	1095	-19	17	1061	0	1061	17.8	643.00	1699
	May 2016	1003	-15	22	966	0	966	15.7	643.00	1699
	Jun 2016	925	-17	25	910	0	910	15.3	642.00	1671
	Jul 2016	879	-13	25	854	0	854	13.9	641.50	1658
	Aug 2016	788	-10	23	755	0	755	12.3	641.50	1658
	Sep 2016	729	-6	18	745	0	745	12.5	640.01	1617
	WY 2016	**9396**	**-143**	**197**	**9055**	**0**	**9055**			
	Oct 2016	484	1	15	653	0	653	10.6	633.00	1434
	Nov 2016	635	-11	10	563	0	563	9.5	635.00	1486
	Dec 2016	559	-12	9	440	0	440	7.2	638.71	1583
	Jan 2017	703	-13	10	598	0	598	9.7	641.80	1666
	Feb 2017	627	-13	10	604	0	604	10.9	641.80	1666
	Mar 2017	1034	-15	13	972	0	972	15.8	643.05	1700
	Apr 2017	1095	-19	17	1061	0	1061	17.8	643.00	1699
	May 2017	1002	-15	22	965	0	965	15.7	643.00	1699

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2015 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	Jun 2014	947	11	15	713	12.0	95	133	447.90	578	112	1.9
H	Jul 2014	900	18	17	686	11.2	105	93	448.27	585	118	1.9
I	Aug 2014	697	26	17	495	8.1	106	99	448.10	582	100	1.6
S	Sep 2014	727	13	15	474	8.0	102	140	448.17	583	90	1.5
	WY 2014	**9400**	**169**	**140**	**6497**		**1137**	**1685**			**1587**	
T	Oct 2014	642	16	12	432	7.0	105	135	446.41	550	65	1.1
O	Nov 2014	629	9	9	351	5.9	102	147	447.77	576	89	1.5
R	Dec 2014	445	18	7	240	3.9	109	132	446.36	549	98	1.6
I	Jan 2015	660	17	6	348	5.7	105	180	448.22	584	146	2.4
C	Feb 2015	625	9	8	473	8.5	54	109	447.38	568	172	3.1
A	Mar 2015	963	3	9	707	11.5	86	146	447.89	578	219	3.6
L	Apr 2015	1019	-6	11	752	12.6	104	154	448.09	582	210	3.5
*	May 2015	854	21	13	559	9.1	108	177	448.50	590	113	1.8
	Jun 2015	864	15	16	657	11.0	105	84	448.70	593	100	1.7
	Jul 2015	877	29	17	694	11.3	108	74	448.70	593	103	1.7
	Aug 2015	764	27	17	602	9.8	108	75	447.50	570	92	1.5
	Sep 2015	779	23	15	536	9.0	105	137	447.50	571	89	1.5
	WY 2015	**9122**	**182**	**140**	**6351**		**1199**	**1551**			**1497**	
	Oct 2015	640	25	12	502	8.2	27	117	447.50	571	63	1.0
	Nov 2015	519	27	9	389	6.5	24	119	447.50	571	97	1.6
	Dec 2015	426	21	7	313	5.1	27	114	446.50	552	110	1.8
	Jan 2016	598	18	6	354	5.8	79	172	446.50	552	130	2.1
	Feb 2016	608	11	8	440	7.7	73	92	446.50	552	161	2.8
	Mar 2016	972	15	9	741	12.0	79	145	446.70	555	205	3.3
	Apr 2016	1061	23	11	783	13.2	76	167	448.70	593	205	3.4
	May 2016	966	17	13	705	11.5	79	173	448.70	593	113	1.8
	Jun 2016	910	15	16	695	11.7	76	124	448.70	593	111	1.9
	Jul 2016	854	29	17	701	11.4	79	86	448.00	580	119	1.9
	Aug 2016	755	27	17	599	9.7	79	85	447.50	571	100	1.6
	Sep 2016	745	23	15	545	9.2	76	123	447.50	570	89	1.5
	WY 2016	**9055**	**252**	**139**	**6768**		**773**	**1519**			**1504**	
	Oct 2016	653	25	12	450	7.3	79	130	447.50	571	55	0.9
	Nov 2016	563	27	9	372	6.3	76	127	447.50	571	103	1.7
	Dec 2016	440	21	7	277	4.5	79	114	446.50	552	108	1.7
	Jan 2017	598	18	6	352	5.7	80	173	446.50	552	130	2.1
	Feb 2017	604	11	8	438	7.9	70	92	446.50	552	161	2.9
	Mar 2017	972	15	9	739	12.0	80	146	446.70	555	205	3.3
	Apr 2017	1061	23	11	781	13.1	77	168	448.70	593	205	3.4
	May 2017	965	17	13	703	11.4	80	174	448.70	593	113	1.8

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2015 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Jun 2014	959	16.1	1082.66	10233	-406	437.98	1541.0	372.9	93	388.7
H	Jul 2014	943	15.3	1080.60	10061	-172	434.94	1615.0	363.6	100	385.7
I	Aug 2014	735	12.0	1081.55	10140	79	436.53	1493.0	279.3	94	379.9
S	Sep 2014	686	11.5	1081.33	10121	-18	437.59	1493.0	262.1	94	382.2
	WY 2014	**9759**							**3910.2**		
T	Oct 2014	472	7.7	1082.79	10244	122	442.74	1282.0	180.0	81	381.5
O	Nov 2014	695	11.7	1083.57	10309	65	437.62	1079.0	270.7	68	389.5
R	Dec 2014	493	8.0	1087.79	10667	358	446.86	889.0	189.0	55	383.3
I	Jan 2015	832	13.5	1088.51	10729	62	441.51	1018.0	333.5	63	400.6
C	Feb 2015	600	10.8	1088.98	10769	40	444.73	848.0	239.1	52	398.4
A	Mar 2015	1034	16.8	1084.87	10419	-350	440.21	952.0	412.2	60	398.7
L	Apr 2015	1087	18.3	1079.03	9931	-488	430.55	1217.0	427.4	76	393.2
*	May 2015	869	14.1	1076.57	9729	-202	432.58	1165.0	337.2	74	388.2
	Jun 2015	899	15.1	1074.73	9579	-149	422.12	1551.0	341.0	100	379.3
	Jul 2015	916	14.9	1075.93	9677	97	421.90	1542.0	346.8	100	378.5
	Aug 2015	770	12.5	1076.59	9730	54	423.14	1544.0	292.9	100	380.4
	Sep 2015	750	12.6	1076.60	9731	1	424.44	1545.0	286.3	100	381.8
	WY 2015	**9417**							**3656.2**		
	Oct 2015	471	7.7	1078.05	9850	119	431.47	969.0	182.0	62	386.8
	Nov 2015	592	9.9	1078.10	9854	4	434.56	962.0	231.6	62	391.4
	Dec 2015	544	8.9	1081.58	10142	288	432.47	1265.0	206.8	80	379.8
	Jan 2016	704	11.4	1083.03	10263	121	433.47	1159.0	274.1	73	389.4
	Feb 2016	631	11.0	1083.70	10320	57	433.08	1225.0	243.5	77	385.9
	Mar 2016	1034	16.8	1079.54	9973	-347	431.03	1193.0	405.9	76	392.4
	Apr 2016	1095	18.4	1074.04	9523	-450	425.29	1248.0	427.5	81	390.3
	May 2016	1003	16.3	1069.63	9170	-353	419.82	1309.0	378.1	87	377.0
	Jun 2016	925	15.5	1067.45	8998	-172	415.50	1494.0	346.4	100	374.5
	Jul 2016	879	14.3	1068.56	9085	87	415.46	1501.0	333.0	100	378.7
	Aug 2016	788	12.8	1072.00	9359	274	417.87	1521.0	296.9	100	376.7
	Sep 2016	729	12.2	1073.31	9464	105	420.71	1528.0	274.9	100	377.3
	WY 2016	**9396**							**3600.7**		
	Oct 2016	484	7.9	1074.65	9572	108	427.40	1065.0	185.6	69	383.8
	Nov 2016	635	10.7	1074.21	9537	-35	430.93	949.5	245.4	62	386.5
	Dec 2016	559	9.1	1077.59	9812	275	428.56	1247.3	211.4	80	378.2
	Jan 2017	703	11.4	1079.07	9934	122	429.52	1143.1	271.4	73	386.0
	Feb 2017	627	11.3	1079.80	9994	60	429.18	1208.3	240.8	77	384.2
	Mar 2017	1034	16.8	1075.57	9647	-347	427.13	1176.6	402.1	76	388.8
	Apr 2017	1095	18.4	1069.98	9198	-449	421.31	1230.1	423.0	81	386.4
	May 2017	1002	16.3	1065.51	8846	-352	415.77	1289.6	373.9	87	373.1

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2015 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Jun 2014	947	15.9	642.83	1694	-32	141.57	255.0	119.3	100	126.0
H	Jul 2014	900	14.6	643.10	1701	7	143.48	255.0	112.8	100	125.4
I	Aug 2014	697	11.3	643.43	1711	9	143.79	255.0	88.3	100	126.7
S	Sep 2014	727	12.2	641.03	1645	-65	138.41	255.0	91.5	100	126.0
	WY 2014	**9400**							**1175.6**		
T	Oct 2014	642	10.4	634.40	1470	-175	134.93	191.3	72.3	75	112.7
O	Nov 2014	629	10.6	636.32	1520	50	136.47	158.1	74.4	62	118.2
R	Dec 2014	445	7.2	637.75	1558	37	134.54	165.8	52.7	65	118.4
I	Jan 2015	660	10.7	642.98	1698	141	141.44	163.2	82.8	64	125.4
C	Feb 2015	625	11.3	641.43	1656	-42	140.07	188.7	79.9	74	127.8
A	Mar 2015	963	15.7	642.78	1693	37	139.75	229.5	123.2	90	128.0
L	Apr 2015	1022	17.2	643.88	1723	30	141.00	255.0	129.5	100	126.8
*	May 2015	829	13.9	643.30	1707	-16	141.92	252.5	110.0	99	132.6
	Jun 2015	864	14.5	643.00	1699	-8	136.20	255.0	108.5	100	125.6
	Jul 2015	877	14.3	643.00	1699	0	136.04	255.0	110.1	100	125.5
	Aug 2015	764	12.4	642.00	1671	-27	135.52	255.0	96.0	100	125.7
	Sep 2015	779	13.1	640.01	1617	-54	133.95	255.0	96.7	100	124.1
	WY 2015	**9100**							**1136.2**		
	Oct 2015	640	10.4	633.00	1434	-183	129.77	234.6	77.5	92	121.0
	Nov 2015	519	8.7	635.00	1486	51	127.90	209.1	62.0	82	119.4
	Dec 2015	426	6.9	638.71	1583	97	130.45	224.4	52.2	88	122.7
	Jan 2016	598	9.7	641.80	1666	83	135.97	163.2	74.6	64	124.6
	Feb 2016	608	10.6	641.80	1666	0	137.17	173.4	76.4	68	125.7
	Mar 2016	972	15.8	643.05	1700	34	135.44	255.0	121.1	100	124.5
	Apr 2016	1061	17.8	643.00	1699	-2	136.07	255.0	132.1	100	124.5
	May 2016	966	15.7	643.00	1699	0	136.04	255.0	120.8	100	125.1
	Jun 2016	910	15.3	642.00	1671	-27	135.51	255.0	113.5	100	124.7
	Jul 2016	854	13.9	641.50	1658	-14	134.73	255.0	106.4	100	124.5
	Aug 2016	755	12.3	641.50	1658	0	134.46	255.0	94.3	100	124.8
	Sep 2016	745	12.5	640.01	1617	-40	133.68	255.0	92.4	100	124.1
	WY 2016	**9055**							**1123.1**		
	Oct 2016	653	10.6	633.00	1434	-183	129.77	234.6	79.0	92	120.9
	Nov 2016	563	9.5	635.00	1486	51	127.90	209.1	67.0	82	119.1
	Dec 2016	440	7.2	638.71	1583	97	130.45	224.4	54.0	88	122.6
	Jan 2017	598	9.7	641.80	1666	83	135.97	163.2	74.5	64	124.6
	Feb 2017	604	10.9	641.80	1666	0	137.17	173.4	75.8	68	125.6
	Mar 2017	972	15.8	643.05	1700	34	135.44	255.0	121.0	100	124.5
	Apr 2017	1061	17.8	643.00	1699	-2	136.07	255.0	132.0	100	124.5
	May 2017	965	15.7	643.00	1699	0	136.04	255.0	120.7	100	125.1

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2199

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2015 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Jun 2014	713	12.0	447.90	578	-11	81.61	120.0	49.8	100	69.8
H	Jul 2014	686	11.2	448.27	585	7	82.46	120.0	47.9	100	69.9
I	Aug 2014	495	8.1	448.10	582	-3	81.82	120.0	35.2	100	71.2
S	Sep 2014	474	8.0	448.17	583	1	82.36	120.0	33.7	100	70.9
	WY 2014	**6496**							**451.6**		
T	Oct 2014	432	7.0	446.41	550	-33	80.56	91.2	30.8	76	71.3
O	Nov 2014	351	5.9	447.77	576	25	81.18	96.0	24.4	80	69.4
R	Dec 2014	240	3.9	446.36	549	-26	81.87	120.0	15.5	100	64.8
I	Jan 2015	348	5.6	448.22	584	35	82.97	93.6	24.3	78	69.7
C	Feb 2015	473	8.5	447.38	568	-16	81.70	94.8	33.2	79	70.2
A	Mar 2015	707	11.5	447.89	578	10	79.76	108.0	49.6	90	70.2
L	Apr 2015	752	12.6	448.09	582	4	80.20	120.0	52.5	100	69.8
*	May 2015	559	9.1	448.50	590	8	81.62	112.8	39.5	94	70.7
	Jun 2015	657	11.0	448.70	593	4	75.95	120.0	43.6	100	66.3
	Jul 2015	694	11.3	448.70	593	0	76.05	120.0	46.1	100	66.5
	Aug 2015	602	9.8	447.50	570	-23	75.47	120.0	39.6	100	65.7
	Sep 2015	536	9.0	447.50	571	0	74.89	120.0	34.9	100	65.1
	WY 2015	**6351**							**434.0**		
	Oct 2015	502	8.2	447.50	571	0	76.04	94.8	33.1	79	65.9
	Nov 2015	389	6.5	447.50	571	0	75.69	102.0	25.2	85	64.9
	Dec 2015	313	5.1	446.50	552	-19	74.40	120.0	19.7	100	63.0
	Jan 2016	354	5.8	446.50	552	0	75.01	96.0	22.7	80	64.0
	Feb 2016	440	7.7	446.50	552	0	75.13	93.6	28.7	78	65.1
	Mar 2016	741	12.0	446.70	555	4	74.01	120.0	48.2	100	65.0
	Apr 2016	783	13.2	448.70	593	38	75.08	120.0	51.7	100	66.0
	May 2016	705	11.5	448.70	593	0	76.05	120.0	46.9	100	66.5
	Jun 2016	695	11.7	448.70	593	0	76.05	120.0	46.3	100	66.5
	Jul 2016	701	11.4	448.00	580	-13	75.71	120.0	46.5	100	66.2
	Aug 2016	599	9.7	447.50	571	-9	75.13	120.0	39.2	100	65.5
	Sep 2016	545	9.2	447.50	570	0	74.89	120.0	35.5	100	65.1
	WY 2016	**6768**							**443.5**		
	Oct 2016	450	7.3	447.50	571	0	75.69	102.0	29.4	85	65.3
	Nov 2016	372	6.3	447.50	571	0	75.69	102.0	24.1	85	64.7
	Dec 2016	277	4.5	446.50	552	-19	75.20	102.0	17.4	85	63.0
	Jan 2017	352	5.7	446.50	552	0	74.71	102.0	22.4	85	63.8
	Feb 2017	438	7.9	446.50	552	0	73.92	120.0	28.1	100	64.1
	Mar 2017	739	12.0	446.70	555	4	74.01	120.0	48.1	100	65.0
	Apr 2017	781	13.1	448.70	593	38	75.08	120.0	51.5	100	66.0
	May 2017	703	11.4	448.70	593	0	76.05	120.0	46.7	100	66.5

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2015 24-Month Study

Most Probable Inflow*

Upper Basin Power

	Date	Glen Canyon 1000 MWHR	Flaming Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Reservoir 1000 MWHR	Fontenelle Reservoir 1000 MWHR
*	Jun 2014	260	80	54	103	21	7
H	Jul 2014	354	41	35	29	22	8
I	Aug 2014	353	48	31	37	21	9
S	Sep 2014	266	46	23	29	16	2
	Summer 2014	**1643**	**255**	**169**	**243**	**106**	**37**
T	Oct 2014	264	36	18	17	14	7
O	Nov 2014	281	30	7	7	4	6
R	Dec 2014	377	43	15	19	11	6
I	Jan 2015	373	48	16	20	10	6
C	Feb 2015	254	44	8	10	2	5
A	Mar 2015	278	48	7	9	5	6
	Winter 2015	**1827**	**250**	**72**	**83**	**46**	**37**
L	Apr 2015	256	28	13	17	11	7
*	May 2015	299	65	21	30	18	8
	Jun 2015	316	37	28	39	22	9
	Jul 2015	416	38	39	46	23	10
	Aug 2015	315	38	39	46	23	8
	Sep 2015	280	37	37	44	22	3
	Summer 2015	**1882**	**244**	**176**	**222**	**118**	**44**
	Oct 2015	234	38	21	26	13	5
	Nov 2015	233	37	5	7	4	5
	Dec 2015	309	38	24	30	15	5
	Jan 2016	306	38	18	22	11	5
	Feb 2016	247	36	14	18	9	4
	Mar 2016	245	30	12	15	8	4
	Winter 2016	**1573**	**217**	**93**	**118**	**61**	**29**
	Apr 2016	226	29	12	18	10	6
	May 2016	249	47	44	61	23	6
	Jun 2016	314	56	22	31	20	8
	Jul 2016	397	34	27	33	18	10
	Aug 2016	413	34	33	39	20	10
	Sep 2016	312	33	29	35	18	6
	Summer 2016	**1911**	**233**	**166**	**218**	**109**	**46**
	Oct 2016	233	34	16	20	11	6
	Nov 2016	232	33	7	9	5	5
	Dec 2016	307	34	23	29	15	5
	Jan 2017	305	34	21	27	14	5
	Feb 2017	246	30	14	19	10	4
	Mar 2017	245	34	12	17	9	4
	Winter 2017	**1322**	**164**	**81**	**104**	**54**	**25**
	Apr 2017	227	33	12	19	11	5
	May 2017	251	41	44	63	23	7

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2015 24-Month Study

Most Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions

Date	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Total KAF	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****EFFECTIVE SPACE****										
Jun 2015	598	177	429	12831	14035	17648	31683	259	147	101	508	12831	17648	30986	1500	899	0	30.2
Jul 2015	389	4	394	12045	12832	17798	30629	30	-38	18	10	12045	17798	29852	1500	916	0	29.8
								****CREDITABLE SPACE****										
Aug 2015	376	36	436	12443	13291	17700	30991	376	36	436	848	12443	17700	30991	1500	770	0	29.4
Sep 2015	435	104	480	12731	13750	17647	31396	435	104	480	1019	12731	17647	31396	2270	750	0	28.9
Oct 2015	504	178	488	12983	14152	17646	31798	504	178	488	1169	12983	17646	31798	3040	471	0	28.7
Nov 2015	560	208	484	13074	14327	17527	31854	560	208	484	1253	13074	17527	31854	3810	592	0	28.5
Dec 2015	612	195	483	13243	14533	17523	32055	612	195	483	1290	13243	17523	32055	4580	544	0	28.4
Jan 2016	682	248	487	13605	15022	17235	32256	682	248	487	1417	13605	17235	32256	5350	704	0	28.1
								****EFFECTIVE SPACE****										
Jan 2016	682	248	487	13605	15022	17235	32256	264	179	434	877	13605	17235	31717	5350	704	0	28.1
Feb 2016	747	282	494	13979	15502	17114	32616	328	215	440	984	13979	17114	32076	1500	631	0	27.9
Mar 2016	804	307	494	14209	15813	17057	32870	383	242	440	1065	14209	17057	32331	1500	1034	0	27.4
Apr 2016	800	313	459	14378	15951	17404	33355	375	250	398	1024	14378	17404	32806	1500	1095	0	27.2
May 2016	767	291	400	14317	15775	17854	33629	335	226	317	879	14317	17854	33049	1500	1003	0	28.2
Jun 2016	705	257	271	13221	14454	18207	32661	263	176	150	590	13221	18207	32018	1500	925	0	29.5
Jul 2016	552	106	193	12079	12931	18379	31310	98	3	19	120	12079	18379	30578	1500	879	0	29.4
								****CREDITABLE SPACE****										
Aug 2016	472	99	231	12313	13115	18292	31406	472	99	231	802	12313	18292	31406	1500	788	0	29.0
Sep 2016	506	146	283	12829	13764	18018	31782	506	146	283	935	12829	18018	31782	2270	729	0	28.5
Oct 2016	558	197	332	13170	14256	17913	32169	558	197	332	1087	13170	17913	32169	3040	484	0	28.3
Nov 2016	602	206	322	13309	14439	17805	32244	602	206	322	1131	13309	17805	32244	3810	635	0	28.1
Dec 2016	645	198	320	13465	14628	17840	32468	645	198	320	1163	13465	17840	32468	4580	559	0	28.0
Jan 2017	704	248	322	13794	15068	17565	32633	704	248	322	1274	13794	17565	32633	5350	703	0	27.8
								****EFFECTIVE SPACE****										
Jan 2017	704	248	322	13794	15068	17565	32633	376	248	202	827	13794	17565	32185	5350	703	0	27.8
Feb 2017	757	295	326	14114	15493	17443	32936	428	295	206	930	14114	17443	32486	1500	627	0	27.6
Mar 2017	798	321	320	14307	15746	17383	33128	467	321	198	986	14307	17383	32676	1500	1034	0	27.3
Apr 2017	792	327	265	14366	15750	17730	33480	457	327	137	920	14366	17730	33016	1500	1095	0	27.3
May 2017	754	295	180	14137	15367	18179	33546	413	295	30	738	14137	18179	33054	1500	1002	0	28.4

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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July 24-Month Study
Date: July 14, 2015

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

Reservoir	June Inflow (unregulated) (acre-feet)	Percent of Average (%)	July 12, Midnight Elevation (feet)	Reservoir Storage (acre-feet)
Fontenelle	332,000	111	6500.63	303,000
Flaming Gorge	434,000	111	6034.79	3,538,000
Blue Mesa	368,000	141	7518.77	824,000
Navajo	285,000	127	6069.34	1,471,000
Powell	3,389,000	127	3614.25	13,163,000

Expected Operations

The operation of Lake Powell and Lake Mead in this July 2015 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines) and reflects the 2015 Annual Operating Plan (AOP). Pursuant to the Interim Guidelines, the August 2014 24-Month Study projections of the January 1, 2015, system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2015.

Consistent with Section 6.B of the Interim Guidelines, the Lake Powell operational tier for water year 2015 is the Upper Elevation Balancing Tier. The April 2015 24-Month Study projected the end of water year elevation at Lake Powell to be above 3,575 feet and the end of water year elevation at Lake Mead to be below elevation 1,075.0 feet. Therefore, in accordance with Section 6.B.4 of the 2007 Interim Guidelines, Lake Powell operations shifted to "balancing releases" for the remainder of water year 2015. Under Section 6.B.4, the contents of Lake Powell and Lake Mead will be balanced by the end of the water year, but not more than 9.0 maf and not less than 8.23 maf shall be released from Lake Powell. Based on the most probable inflow forecast, this July 24-Month Study projects a balancing release of 9.0 maf in water year 2015.

Consistent with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar year 2015.

The Interim Guidelines are available for download at:
http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The 2015 AOP is available for download at:
http://www.usbr.gov/uc/water/rsvrs/ops/aop/AOP15.pdf.

Fontenelle Reservoir – Inflows to Fontenelle Reservoir for the month of June were 332,000 acre-feet (AF), or 111 percent of average. The current reservoir elevation is 6500.6 feet, which amounts to 88 percent of live storage capacity. Spring runoff inflows peaked above 7,500 cfs in mid-June. The current rate of inflow is roughly 3,340 cubic feet per second (cfs), having recently increased due to storm activity. Recent daily inflow averages have ranged from 2,150 cfs to 3,440 cfs.

Reservoir releases varied throughout June in response to observed hydrology, and are currently at 2,900 cfs. While weather conditions are expected to be relatively cool and wet this week, the forecasted inflow volume for July has decreased significantly, as indicated by the Colorado Basin River Forecast Center. Fontenelle will be operated to accommodate the anticipated hydrologic conditions. As such, releases will be reduced to 1,200 cfs by Friday, July 10, 2015, where they may remain until mid-August, when releases will be further reduced to a winter baseflow level of 1,000 cfs. This is subject to change based on observed hydrology.

The official July forecast of April-July inflow is for 730,000 AF (101% of average). While seasonal reservoir inflows from April through July are projected to be near average, forecasted inflow volume for July is expected to be well below average at 88,000 AF (49% of average).

The next Fontenelle Working Group meeting is scheduled for 10:00 am, August 26, 2015, at the Joint Powers Water Board, in Green River, Wyoming. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir.

Flaming Gorge Reservoir – Flaming Gorge Dam is currently releasing an average daily base flow of 1,700 cfs. It is anticipated that releases will remain at 1,700 cfs through October 31, 2015. There is the possibility that releases may increase to assist with the Colorado Pikeminnow spawn, one of four endangered species in the Green River. Information regarding revised releases will be distributed as early as possible. Base flow releases are subject to observed hydrology and all projections may change.

Unregulated inflow into Flaming Gorge Reservoir during the month of June was 434,000 acre-feet (AF), or 111 percent of average. The reservoir elevation is 6,034.8 feet. Observed inflows are averaging 3,000 cubic feet per second (cfs).

Inflows for the next three months are projected to be below average: with July, August and September forecasted inflow volumes at 111,000 AF (53% of average), 60,000 AF (68% of average), and 43,000 AF (78% of average), respectively.

The next Flaming Gorge Working Group meeting is scheduled for April 30, 2015, at 11:00 a.m. to be held in the Utah Department of Natural Resources building in Vernal, Utah. The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stake holders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations and plans presented by Reclamation at these meetings. Meeting notes from past Working Group meetings are posted on the Working Group webpage. For more information on this group and these meetings please contact Peter Crookston at 801-379-1152 or Heather Patno at 801-524-3883.

Aspinall Unit Reservoirs – June unregulated inflow into Blue Mesa Reservoir was 368,000 acre-feet or 141 percent of average. Hydrologic conditions in the basin have been wet during the months of May and June. Precipitation monthly averages during this period were 265 percent for May and 150 percent for June. The current inflow rate into Blue Mesa Reservoir is about 3,000 cfs while reservoir releases are averaging about 2,600 cfs. Blue Mesa's present elevation is 7518.51 feet, which corresponds to a storage content of about 822,000 acre-feet.

The latest Water Supply Forecast for Water Year 2014 has been issued and the April through July unregulated inflow is forecasted to be at 700,000 acre-feet (104% of average). This is a 130,000 acre-feet increase from last month's forecast. The Aspinall Unit reservoirs have already been at full capacity during June and are nearly full during the first part of July. This year's peak elevation was recorded on June 20th when the reservoir reached elevation 7519.40 feet and a content of 829,500 acre-feet.

Releases from Crystal are currently set at 3,000 cfs. The Gunnison Diversion Tunnel is diverting about 1,000 cfs, which results in a river flow below the diversion tunnel of approximately 2,000 cfs. These rates will most likely change as conditions warrant, primarily as we respond to changes in hydrology and flows at the Whitewater gage as prescribed in the Aspinall Unit Operations Record of Decision (ROD). The ROD calls for keeping summer base flows at the Whitewater gage at or above 1,500 cfs.

The next meeting of the "Aspinall Unit Working Group" will be held on Thursday, August 13, 2015 starting at 1:00 PM at the Elk Creek Visitor Center at Blue Mesa Reservoir. At this meeting, review of this spring's reservoir operations, and plans for this fall and winter operations will be discussed. These meetings are open forum discussions on the Aspinall Unit reservoir operations with many interested groups participating. Anyone needing further information about these meetings should contact Erik Knight in the Grand Junction Area Office at (970) 248-0629.

Navajo Reservoir – Reclamation is currently releasing 350 cfs. Releases are made for the authorized purposes of the Navajo Unit, and to attempt to maintain a target base flow through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell). The San Juan River Basin Recovery Implementation Program recommends a target base flow of between 500 cfs and 1,000 cfs through the critical habitat area. The target base flow is calculated as the weekly average of gaged flows throughout the critical habitat area.

Navajo was at 6068.60 feet of pool elevation and 1,461,273 acre-feet of storage by the end of June, which was 101% of average for the end of the month. Modified unregulated inflow into Navajo was 285,292 acre-feet, which was 128% of average for the month. Calculated evaporation for the month was 4,312 acre-ft. NIIP diverted a total of 20,389 acre-ft. The release averaged close to 350 cfs throughout the month. Precipitation at the dam totaled 1.66 inches (244% of average).

As of July 6th, the release at Navajo (as measured at the USGS at Archuleta gage) was 345 cfs, and the observed inflow is 1,163 cfs. NIIP is diverting 670 cfs. The reservoir elevation is 6068.79 feet and the content is 1,463,876 acre-feet, or 86% full (77% of Active). The San Juan River at Four Corners USGS gage is at 2,010 cfs, and the Animas River at Farmington USGS gage is at 1,710 cfs.

The most probable modified-unregulated inflow forecast for July at Navajo is 55,000 acre-feet (83% of average), for August is 33,000 acre-feet (73% of average), and for September is 31,000 acre-feet (72% of average). The April-July modified unregulated inflow forecasts are as follows:

Min Probable: 580,000 acre-feet (80% of average, an increase of 65,000 acre-feet from the last forecast)
Most Probable: 600,000 acre-feet (81% of average, an increase of 55,000 acre-feet from the last forecast)
Max Probable: 635,000 acre-feet (86% of average, an increase of 45,000 acre-feet from the last forecast)

The most probable forecast shows the reservoir will peak in the next few days near 6069 feet (1,465,000 acre-feet), end the water year (Sept 30th) near 6063 feet (1,385,000 acre-feet), and reach a minimum overwinter storage level near 6059 feet (1,340,000 acre-feet) in February of 2016.

Glen Canyon Dam / Lake Powell

Current Status
The unregulated inflow volume to Lake Powell in June was 3,389 thousand acre-feet (kaf) (127% of average). The release volume from Glen Canyon Dam in June was 800 kaf. The end of June elevation and storage of Lake Powell were 3,613.5 feet (86 feet from full pool) and 13.09 million acre-feet (maf) (54% of full capacity), respectively.

The reservoir elevation has been increasing through spring and early summer and is likely near its seasonal peak. In the next few weeks, the reservoir will likely begin its typical seasonal decline through the fall and winter months.

Current Operations

The operating tier for water year 2015 was established in August 2014 as the Upper Elevation Balancing Tier. The April 2015 24-Month Study established that Lake Powell operations will be governed by balancing for the remainder of water year 2015. Under balancing, the contents of Lake Powell and Lake Mead will be balanced by the end of the water year, but not more than 9.0 maf and not less than 8.23 maf shall be released from Lake Powell. Based on the most probable inflow forecast, this July 24-Month Study projects a balancing release of 9.0 maf in water year 2015. Reclamation will schedule operations at Glen Canyon Dam to achieve as practicably as possible the appropriate total annual release volume by September 30, 2015.

In July, the release volume will be approximately 1,050 kaf, with fluctuations anticipated between approximately 12,000 cfs and 20,000 cfs during the first part of the month and 14,000 cfs and 22,000 cfs during the latter part of the month and consistent with the Glen Canyon Operating Criteria (Federal Register, Volume 62, No. 41, March 3, 1997). The anticipated release volume for August is 800 kaf with daily fluctuations between approximately 9,000 cfs and 17,000 cfs during the first part of the month and 14,000 cfs and 22,000 cfs during the latter part of the month. The expected release for September is approximately 710 kaf with daily fluctuations between approximately 9,000 cfs and 15,000 cfs.

In addition to daily scheduled fluctuations for power generation, the instantaneous releases from Glen Canyon Dam may also fluctuate to provide 40 MW of system regulation. These instantaneous release adjustments stabilize the electrical generation and transmission system and translate to a range of about 1,200 cfs above or below the hourly scheduled release rate. Under system normal conditions, fluctuations for regulation are typically short lived and generally balance out over the hour with minimal or no noticeable impacts on downstream river flow conditions.

Releases from Glen Canyon Dam can also fluctuate beyond scheduled releases when called upon to respond to unscheduled power outages or power system emergencies. Depending on the severity of the system emergency, the response from Glen Canyon Dam can be significant, within the full range of the operating capacity of the power plant for as long as is necessary to maintain balance in the transmission system. Glen Canyon Dam typically maintains 27 MW (approximately 800 cfs) of generation capacity in reserve in order to respond to a system emergency even when generation rates are already high. System emergencies occur fairly infrequently and typically require small responses from Glen Canyon Dam. However, these responses can have a noticeable impact on the river downstream of Glen Canyon Dam.

Inflow Forecasts and Model Projections

The April to July 2015 water supply forecast for unregulated inflow to Lake Powell,

issued on July 1, 2015, by the Colorado Basin River Forecast Center, projects that the most probable (median) unregulated inflow volume will be 6.29 maf (88% of average based on the period 1981-2010). The forecast increased by 1,290 kaf since last month. There is still uncertainty regarding the runoff and resulting inflow to Lake Powell through the end of the water year.

As determined in the August 2014 24-Month Study, and documented in the 2015 Annual Operating Plan, Lake Powell's operations in water year 2015 will be governed by the Upper Elevation Balancing Tier. Because the April 2015 24-Month Study projected the end of water year elevation at Lake Powell to be above 3,575 feet and the end of water year elevation at Lake Mead to be below elevation 1,075.0 feet, Lake Powell operations shifted to balancing (Section 6.B.4 of the 2007 Interim Guidelines) for the remainder of water year 2015. Under balancing, the contents of Lake Powell and Lake Mead will be balanced by the end of the water year, but not more than 9.0 maf and not less than 8.23 maf shall be released from Lake Powell. Based on the July most probable inflow forecast, the annual release volume from Lake Powell during water year 2015 is projected to be 9.0 maf.

Based on the current forecast, the July 24-Month Study projects Lake Powell's end of water year 2015 elevation to be near 3,604 feet with approximately 12.15 maf in storage (50% capacity). Projections of elevation and storage still have uncertainty at this point in the season, primarily due to uncertainty regarding runoff and the resulting inflow to Lake Powell. The maximum and minimum probable inflow scenarios were last updated in April. Under the minimum probable inflow scenario, last updated in April, the projected end of water year elevation and storage are 3,574 feet and 9.45 maf (39% capacity), respectively. Under the maximum probable inflow scenario, last updated in April, the projected end of water year elevation and storage are 3,603 feet and 12.02 maf (49% capacity), respectively. Modeling of projected reservoir operations based on the minimum and maximum scenarios will be updated again in August.

Upper Colorado River Basin Hydrology

The Upper Colorado River Basin regularly experiences significant year to year hydrologic variability. During the 15-year period 2000 to 2014, however, the unregulated inflow to Lake Powell, which is a good measure of hydrologic conditions in the Colorado River Basin, was above average in only 3 out of the past 15 years. The period 2000-2014 is the lowest 15-year period since the closure of Glen Canyon Dam in 1963, with an average unregulated inflow of 8.39 maf, or 78% of the 30-year average (1981-2010). (For comparison, the 1981-2010 total water year average is 10.83 maf.) The unregulated inflow during the 2000-2014 period has ranged from a low of 2.64 maf (24% of average) in water year 2002 to a high of 15.97 maf (147% of average) in water year 2011. The water year 2014 unregulated inflow volume to Lake Powell was 10.381 maf (96% of average), which, though still below average, was significantly higher than inflows observed in 2012 and 2013 (45% and 47% of average, respectively). Under the current most probable forecast, total water year 2015 unregulated inflows to Lake Powell is projected to be 9.83 maf (91% of average).

At the beginning of water year 2015, total system storage in the Colorado River Basin was 30.0 maf (50% of 59.6 maf total system capacity). This is nearly the same as the total storage at the beginning of water year 2014 which began at 29.9 maf (50% of capacity). Since the beginning of water year 2000, total Colorado Basin storage has experienced year to year increases and decreases in response to wet and dry hydrology, ranging from a high of 94% of capacity at the beginning of 2000 to a low of 50% of capacity at the beginning of water year 2015. One wet year can significantly increase total system reservoir storage, just as persistent dry years can draw down the system storage. Based on current inflow forecasts, the current projected end of water year 2015 total Colorado Basin reservoir storage is approximately 30.0 maf (50% of total system capacity). The actual end of water year system storage may vary from this projection, primarily due to uncertainty regarding this season's runoff and resulting reservoir inflow. Based on the April minimum and maximum probable inflow forecasts and modeling the range is approximately 26.1 maf (44%) to 29.5 maf (50%), respectively.

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-430
125 SOUTH STATE STREET, ROOM 6107
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-3709

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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:	Obs			jun	Forecast		Outlook		
:	mar	apr	may	jun	%Avg	jul	aug	sep	apr-jul	%Avg
GLDA3:Lake Powell	552	639	1613	3389	127%:	650/	350/	320/	6290/:	88%
GBRW4:Fontenelle	70	87	223	332	111%:	88/	52/	41/	730/:	101%
GRNU1:Flaming Gorge	77	112	333	434	111%:	111/	60/	43/	990/:	101%
BMDC2:Blue Mesa	54	73	136	368	141%:	123/	59/	39/	700/:	104%
MPSC2:Morrow Point	56	79	151	388	138%:	127/	63/	42/	745/:	101%
CLSC2:Crystal	63	85	164	429	136%:	141/	67/	47/	820/:	98%
TPIC2:Taylor Park	6.6	9.3	18.6	61	146%:	23/	10/	8/	112/:	113%
VCRC2:Vallecito	13.2	18.5	43	96	136%:	27/	17/	15/	185/:	95%
NVRN5:Navajo	87	80	179	285	127%:	55/	33/	31/	600/:	82%
LEMC2:Lemon	2.5	4.8	10.0	31	149%:	6.2/	3.8/	2/	52/:	95%
MPHC2:McPhee	14.6	22	75	101	135%:	16/	9/	9/	215/:	73%
RBSC2:Ridgway	6.3	6.2	14.0	50	127%:	22/	10/	8/	92/:	91%

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2015 24-Month Study

Most Probable Inflow*

Fontenelle Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jul 2014	220	3	90	1	117	6506.25	347
H	Aug 2014	98	2	100	1	108	6504.71	335
I	Sep 2014	69	2	21	66	87	6502.07	314
	WY 2014	**1424**	**15**	**811**	**478**	**1328**		
S	Oct 2014	85	1	80	10	90	6501.37	309
T	Nov 2014	53	1	69	1	69	6499.16	292
O	Dec 2014	51	1	77	0	77	6495.49	265
R	Jan 2015	46	1	77	0	77	6490.98	234
I	Feb 2015	46	1	69	1	69	6487.37	210
C	Mar 2015	70	1	78	0	78	6486.00	201
A	Apr 2015	87	1	102	0	103	6483.35	185
L	May 2015	223	2	104	4	108	6499.95	298
*	Jun 2015	332	3	101	229	330	6499.84	297
	Jul 2015	88	3	98	0	98	6498.15	285
	Aug 2015	52	2	67	0	67	6495.78	268
	Sep 2015	41	2	39	21	60	6492.92	248
	WY 2015	**1175**	**16**	**960**	**265**	**1225**		
	Oct 2015	44	1	61	0	61	6490.08	229
	Nov 2015	40	1	60	0	60	6487.06	209
	Dec 2015	32	1	61	0	61	6482.15	179
	Jan 2016	30	1	61	0	61	6476.10	147
	Feb 2016	28	0	58	0	58	6469.47	117
	Mar 2016	45	0	61	0	61	6465.26	100
	Apr 2016	75	1	60	0	60	6469.01	115
	May 2016	140	1	96	27	123	6472.69	131
	Jun 2016	260	2	100	10	110	6497.28	279
	Jul 2016	168	3	103	11	114	6504.08	330
	Aug 2016	63	2	102	0	102	6498.71	289
	Sep 2016	40	2	72	0	72	6494.00	255
	WY 2016	**965**	**14**	**895**	**48**	**943**		
	Oct 2016	44	1	65	0	65	6490.93	234
	Nov 2016	40	1	62	0	62	6487.41	211
	Dec 2016	32	1	65	0	65	6482.01	178
	Jan 2017	30	1	65	0	65	6475.36	143
	Feb 2017	28	0	58	0	58	6468.34	112
	Mar 2017	53	0	65	0	65	6465.22	100
	Apr 2017	85	1	74	0	74	6467.89	110
	May 2017	164	1	98	7	105	6480.29	168
	Jun 2017	299	2	102	64	167	6500.00	299

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2200

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2015 24-Month Study

Most Probable Inflow*

Flaming Gorge Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	Jul 2014	226	123	13	105	0	105	132	6028.51	3292	208
H	Aug 2014	126	136	13	122	0	122	132	6028.53	3293	190
I	Sep 2014	99	118	11	116	0	116	132	6028.31	3284	170
	WY 2014	**1689**	**1594**	**77**	**945**	**86**	**1032**				**2799**
S	Oct 2014	108	112	7	92	0	92	133	6028.64	3297	159
T	Nov 2014	65	81	4	77	0	77	133	6028.63	3296	134
O	Dec 2014	53	79	2	113	0	113	131	6027.71	3262	164
R	Jan 2015	67	98	2	124	0	124	130	6026.99	3234	171
I	Feb 2015	63	86	2	113	0	113	129	6026.25	3207	168
C	Mar 2015	77	85	3	124	0	124	127	6025.15	3166	219
A	Apr 2015	112	127	5	73	0	73	129	6026.41	3213	252
L	May 2015	333	218	8	169	57	226	129	6026.01	3198	652
*	Jun 2015	434	432	11	100	0	100	141	6034.01	3506	481
	Jul 2015	111	121	14	105	0	105	141	6034.06	3509	150
	Aug 2015	60	75	13	105	0	105	139	6033.03	3468	118
	Sep 2015	43	62	12	101	0	101	138	6031.78	3418	110
	WY 2015	**1524**	**1574**	**82**	**1295**	**57**	**1353**				**2778**
	Oct 2015	55	72	7	105	0	105	136	6030.81	3380	126
	Nov 2015	52	72	4	125	0	125	134	6029.38	3325	151
	Dec 2015	36	65	2	135	0	135	131	6027.57	3256	156
	Jan 2016	40	71	2	135	0	135	129	6025.89	3193	154
	Feb 2016	43	73	2	127	0	127	126	6024.43	3139	145
	Mar 2016	91	107	3	69	0	69	128	6025.36	3173	130
	Apr 2016	120	105	5	65	0	65	129	6026.24	3206	245
	May 2016	200	183	8	117	0	117	131	6027.74	3263	587
	Jun 2016	320	170	10	155	0	155	131	6027.86	3267	560
	Jul 2016	190	136	13	94	0	94	133	6028.58	3295	162
	Aug 2016	73	112	13	94	0	94	133	6028.72	3300	112
	Sep 2016	50	82	11	91	0	91	132	6028.22	3281	104
	WY 2016	**1270**	**1248**	**80**	**1312**	**0**	**1312**				**2632**
	Oct 2016	55	75	7	94	0	94	131	6027.57	3256	119
	Nov 2016	50	72	3	91	0	91	130	6027.00	3235	119
	Dec 2016	35	67	2	94	0	94	129	6026.28	3208	119
	Jan 2017	40	75	2	94	0	94	128	6025.74	3188	119
	Feb 2017	45	75	2	85	0	85	128	6025.44	3177	113
	Mar 2017	102	114	3	94	0	94	129	6025.89	3193	171
	Apr 2017	134	122	5	91	0	91	130	6026.59	3219	306
	May 2017	245	186	8	112	0	112	132	6028.27	3283	644
	Jun 2017	390	257	10	223	0	223	133	6028.86	3305	643

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2015 24-Month Study

Most Probable Inflow*

Taylor Park Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jul 2014	19	25	9320.83	88
H	Aug 2014	12	19	9316.50	81
I	Sep 2014	10	14	9314.21	77
	WY 2014	**161**	**154**		
S	Oct 2014	10	8	9315.40	79
T	Nov 2014	7	6	9315.85	80
O	Dec 2014	6	6	9315.74	79
R	Jan 2015	6	6	9315.48	79
I	Feb 2015	4	5	9314.94	78
C	Mar 2015	7	6	9315.31	79
A	Apr 2015	9	6	9317.32	82
L	May 2015	19	10	9321.95	91
*	Jun 2015	61	49	9328.14	102
	Jul 2015	23	30	9324.56	95
	Aug 2015	10	23	9317.50	82
	Sep 2015	8	18	9311.60	72
	WY 2015	**168**	**173**		
	Oct 2015	7	8	9310.98	71
	Nov 2015	6	6	9310.98	71
	Dec 2015	5	6	9310.36	70
	Jan 2016	4	6	9309.10	68
	Feb 2016	4	6	9307.81	66
	Mar 2016	4	6	9306.50	64
	Apr 2016	7	6	9307.16	65
	May 2016	25	10	9316.36	80
	Jun 2016	39	18	9327.64	101
	Jul 2016	14	20	9324.56	95
	Aug 2016	8	18	9319.19	85
	Sep 2016	6	14	9314.61	77
	WY 2016	**129**	**124**		
	Oct 2016	6	12	9310.88	71
	Nov 2016	5	6	9310.12	70
	Dec 2016	5	6	9309.29	69
	Jan 2017	4	6	9308.23	67
	Feb 2017	4	6	9306.79	65
	Mar 2017	4	6	9305.76	63
	Apr 2017	9	6	9307.58	66
	May 2017	28	14	9316.32	80
	Jun 2017	42	22	9326.95	100

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2015 24-Month Study

Most Probable Inflow*

Blue Mesa Reservoir

	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jul 2014	117	123	1	118	0	118	7500.15	663
H	Aug 2014	64	72	1	104	0	104	7496.00	629
I	Sep 2014	48	52	1	81	0	81	7492.28	599
	WY 2014	**1145**	**1138**	**8**	**708**	**145**	**879**		
S	Oct 2014	55	53	1	64	0	64	7490.77	587
T	Nov 2014	37	36	0	27	0	27	7491.85	596
O	Dec 2014	34	34	0	55	0	55	7489.11	574
R	Jan 2015	30	30	0	58	0	58	7485.48	547
I	Feb 2015	28	29	0	29	0	29	7485.47	547
C	Mar 2015	54	53	0	26	0	26	7488.96	573
A	Apr 2015	73	70	1	45	0	45	7492.04	597
L	May 2015	136	128	1	71	0	71	7498.96	653
*	Jun 2015	368	356	1	125	62	192	7517.76	815
	Jul 2015	123	130	2	141	0	141	7516.40	803
	Aug 2015	59	72	1	126	0	126	7510.17	747
	Sep 2015	39	49	1	121	0	121	7501.57	674
	WY 2015	**1034**	**1038**	**9**	**887**	**62**	**954**		
	Oct 2015	39	40	1	69	0	69	7497.98	645
	Nov 2015	32	32	0	23	0	23	7499.05	654
	Dec 2015	26	27	0	99	0	99	7490.00	581
	Jan 2016	25	27	0	60	0	60	7485.68	548
	Feb 2016	22	24	0	48	0	48	7482.45	524
	Mar 2016	33	35	0	26	0	26	7483.60	533
	Apr 2016	67	66	1	39	0	39	7487.08	559
	May 2016	205	190	1	121	0	121	7495.75	627
	Jun 2016	240	219	1	50	0	50	7515.50	794
	Jul 2016	92	98	2	88	0	88	7516.40	802
	Aug 2016	50	60	1	126	0	126	7508.78	735
	Sep 2016	39	47	1	121	0	121	7499.87	660
	WY 2016	**870**	**865**	**9**	**870**	**0**	**870**		
	Oct 2016	39	45	1	59	0	59	7498.10	646
	Nov 2016	31	33	0	23	0	23	7499.25	655
	Dec 2016	26	27	0	101	0	101	7490.00	581
	Jan 2017	24	26	0	85	0	85	7482.20	522
	Feb 2017	22	25	0	60	0	60	7477.30	487
	Mar 2017	36	38	0	26	0	26	7478.86	498
	Apr 2017	77	74	1	39	0	39	7483.57	532
	May 2017	221	207	1	116	0	116	7495.16	622
	Jun 2017	261	241	1	76	0	76	7514.56	786

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2015 24-Month Study

Most Probable Inflow*

Morrow Point Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jul 2014	120	118	3	122	82	8	110	7153.91	112
H	Aug 2014	64	104	1	105	104	0	104	7154.40	113
I	Sep 2014	49	81	1	82	82	0	82	7153.75	112
	WY 2014	**1215**	**879**	**70**	**949**	**782**	**73**	**949**		
S	Oct 2014	56	64	1	65	49	0	68	7149.96	109
T	Nov 2014	38	27	2	29	23	0	26	7154.03	112
O	Dec 2014	35	55	1	56	56	0	56	7153.68	112
R	Jan 2015	30	58	1	58	60	0	60	7152.01	111
I	Feb 2015	29	29	1	30	31	0	31	7151.25	110
C	Mar 2015	56	26	3	29	28	0	28	7151.69	110
A	Apr 2015	79	45	6	50	51	0	51	7150.61	110
L	May 2015	151	71	15	86	84	0	84	7153.24	112
*	Jun 2015	388	192	20	212	188	0	211	7154.42	113
	Jul 2015	127	141	4	145	145	0	145	7153.73	112
	Aug 2015	63	126	4	130	130	0	130	7153.73	112
	Sep 2015	42	121	3	124	124	0	124	7153.73	112
	WY 2015	**1094**	**954**	**60**	**1015**	**969**	**0**	**1014**		
	Oct 2015	42	69	3	72	72	0	72	7153.73	112
	Nov 2015	34	23	2	25	25	0	25	7153.73	112
	Dec 2015	28	99	2	101	101	0	101	7153.73	112
	Jan 2016	27	60	2	62	62	0	62	7153.73	112
	Feb 2016	24	48	2	50	50	0	50	7153.73	112
	Mar 2016	37	26	4	30	30	0	30	7153.73	112
	Apr 2016	77	39	10	49	49	0	49	7153.73	112
	May 2016	229	121	24	145	145	0	145	7153.73	112
	Jun 2016	258	50	18	68	68	0	68	7153.73	112
	Jul 2016	96	88	4	92	92	0	92	7153.73	112
	Aug 2016	52	126	2	128	128	0	128	7153.73	112
	Sep 2016	41	121	2	123	123	0	123	7153.73	112
	WY 2016	**945**	**870**	**75**	**945**	**945**	**0**	**945**		
	Oct 2016	41	59	2	61	61	0	61	7153.73	112
	Nov 2016	33	23	2	25	25	0	25	7153.73	112
	Dec 2016	28	101	2	103	103	0	103	7153.73	112
	Jan 2017	27	85	2	87	87	0	87	7153.73	112
	Feb 2017	25	60	3	63	63	0	63	7153.73	112
	Mar 2017	40	26	4	30	30	0	30	7153.73	112
	Apr 2017	88	39	11	50	50	0	50	7153.73	112
	May 2017	247	116	26	142	142	0	142	7153.73	112
	Jun 2017	281	76	20	96	96	0	96	7153.73	112

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2015 24-Month Study

Most Probable Inflow*

Crystal Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
*	Jul 2014	130	110	10	120	119	2	120	6749.06	16	67	59
H	Aug 2014	69	104	4	109	108	0	108	6749.65	16	65	48
I	Sep 2014	53	82	4	86	84	3	87	6747.57	15	62	26
	WY 2014	**1337**	**949**	**123**	**1071**	**690**	**187**	**1071**			**374**	**738**
S	Oct 2014	61	68	5	73	74	0	74	6745.88	15	48	27
T	Nov 2014	43	26	5	30	29	0	30	6748.06	16	0	29
O	Dec 2014	39	56	5	61	61	0	61	6746.42	15	1	62
R	Jan 2015	35	60	5	64	55	9	64	6746.05	15	1	65
I	Feb 2015	34	31	4	35	11	22	33	6751.96	17	0	34
C	Mar 2015	63	28	6	35	35	0	35	6752.00	17	1	34
A	Apr 2015	85	51	7	58	58	0	58	6751.65	17	37	21
L	May 2015	164	84	13	97	90	6	96	6752.09	17	62	36
*	Jun 2015	429	211	41	253	110	78	252	6755.80	18	55	205
	Jul 2015	141	145	14	159	134	26	160	6753.04	17	65	95
	Aug 2015	67	130	4	134	134	0	134	6753.04	17	65	69
	Sep 2015	47	124	5	129	129	0	129	6753.04	17	55	74
	WY 2015	**1208**	**1014**	**114**	**1128**	**920**	**143**	**1126**			**390**	**752**
	Oct 2015	48	72	6	78	78	0	78	6753.04	17	30	48
	Nov 2015	39	25	5	30	30	0	30	6753.04	17	0	30
	Dec 2015	33	101	5	106	106	0	106	6753.04	17	0	106
	Jan 2016	32	62	5	67	67	0	67	6753.04	17	0	67
	Feb 2016	28	50	4	54	54	0	54	6753.04	17	0	54
	Mar 2016	43	30	6	36	36	0	36	6753.04	17	5	31
	Apr 2016	88	49	11	60	60	0	60	6753.04	17	30	30
	May 2016	260	145	31	176	134	42	176	6753.04	17	55	121
	Jun 2016	288	68	30	98	98	0	98	6753.04	17	60	38
	Jul 2016	106	92	10	102	102	0	102	6753.04	17	65	37
	Aug 2016	58	128	6	134	134	0	134	6753.04	17	65	69
	Sep 2016	47	123	6	129	129	0	129	6753.04	17	55	74
	WY 2016	**1070**	**945**	**125**	**1070**	**1029**	**42**	**1070**			**365**	**705**
	Oct 2016	47	61	6	67	67	0	67	6753.04	17	30	37
	Nov 2016	38	25	5	30	30	0	30	6753.04	17	0	30
	Dec 2016	32	103	5	107	107	0	107	6753.04	17	0	107
	Jan 2017	31	87	5	92	92	0	92	6753.04	17	0	92
	Feb 2017	29	63	4	66	66	0	66	6753.04	17	0	66
	Mar 2017	46	30	6	36	36	0	36	6753.04	17	5	31
	Apr 2017	101	50	12	63	63	0	63	6753.04	17	30	33
	May 2017	281	142	34	176	134	42	176	6753.04	17	55	121
	Jun 2017	315	96	34	130	130	0	130	6753.04	17	60	70

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2015 24-Month Study

Most Probable Inflow*

Vallecito Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jul 2014	15	38	7653.12	95
H	Aug 2014	14	32	7645.08	75
I	Sep 2014	22	28	7642.43	70
	WY 2014	**238**	**229**		
S	Oct 2014	23	5	7650.16	87
T	Nov 2014	10	3	7652.74	94
O	Dec 2014	6	4	7653.53	96
R	Jan 2015	6	5	7654.18	97
I	Feb 2015	7	4	7655.19	100
C	Mar 2015	13	12	7655.67	101
A	Apr 2015	19	11	7658.49	108
L	May 2015	43	31	7662.94	120
*	Jun 2015	106	103	7664.05	123
	Jul 2015	27	42	7658.18	107
	Aug 2015	17	38	7649.63	86
	Sep 2015	15	30	7643.16	71
	WY 2015	**293**	**288**		
	Oct 2015	12	17	7640.68	66
	Nov 2015	8	1	7643.61	72
	Dec 2015	6	2	7645.55	77
	Jan 2016	5	2	7647.02	80
	Feb 2016	4	1	7648.07	82
	Mar 2016	6	2	7649.86	87
	Apr 2016	22	1	7657.97	107
	May 2016	70	54	7664.04	123
	Jun 2016	65	64	7664.03	123
	Jul 2016	25	41	7657.55	106
	Aug 2016	18	38	7649.42	86
	Sep 2016	15	29	7643.10	71
	WY 2016	**256**	**253**		
	Oct 2016	14	16	7641.97	69
	Nov 2016	8	1	7645.01	75
	Dec 2016	6	2	7647.07	80
	Jan 2017	5	2	7648.67	84
	Feb 2017	5	1	7650.04	87
	Mar 2017	9	2	7652.85	94
	Apr 2017	23	1	7661.26	115
	May 2017	71	64	7664.03	123
	Jun 2017	70	70	7664.03	123

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2015 24-Month Study

Most Probable Inflow*

Navajo Reservoir

	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azetea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Farmington Flow (1000 Ac-Ft)
*	Jul 2014	14	2	35	4	44	29	6042.03	1135	64
H	Aug 2014	14	1	32	3	37	39	6037.72	1088	61
I	Sep 2014	39	1	47	2	22	31	6036.99	1081	61
	WY 2014	**696**	**62**	**626**	**23**	**203**	**253**			**754**
S	Oct 2014	68	1	46	1	7	21	6038.47	1096	65
T	Nov 2014	28	0	21	1	0	21	6038.43	1096	46
O	Dec 2014	19	0	17	1	0	21	6037.94	1091	44
R	Jan 2015	23	0	21	1	0	21	6037.90	1090	39
I	Feb 2015	28	1	25	1	0	18	6038.43	1096	40
C	Mar 2015	87	7	80	1	3	20	6043.43	1150	56
A	Apr 2015	80	8	63	2	20	21	6045.22	1170	38
L	May 2015	178	24	144	3	23	22	6053.44	1267	97
*	Jun 2015	285	38	241	4	20	21	6068.60	1461	281
	Jul 2015	55	6	64	5	46	24	6067.77	1450	87
	Aug 2015	33	1	53	4	39	25	6066.71	1436	58
	Sep 2015	31	1	45	3	22	70	6062.97	1386	97
	WY 2015	**914**	**88**	**819**	**27**	**181**	**307**			**948**
	Oct 2015	32	1	36	2	31	25	6061.34	1365	47
	Nov 2015	32	0	25	1	4	24	6061.08	1362	41
	Dec 2015	23	0	19	1	0	25	6060.55	1355	39
	Jan 2016	20	0	17	1	0	25	6059.87	1346	37
	Feb 2016	25	0	22	1	0	23	6059.75	1345	34
	Mar 2016	72	2	66	2	5	25	6062.42	1379	42
	Apr 2016	140	15	104	3	20	24	6066.82	1437	69
	May 2016	280	40	223	4	34	106	6072.57	1516	251
	Jun 2016	190	33	156	5	49	152	6069.05	1467	281
	Jul 2016	57	7	67	5	53	34	6067.26	1443	88
	Aug 2016	35	1	53	4	44	44	6064.36	1404	77
	Sep 2016	35	1	49	3	24	54	6061.89	1372	80
	WY 2016	**941**	**101**	**837**	**29**	**263**	**559**			**1084**
	Oct 2016	41	2	42	2	9	25	6062.41	1379	49
	Nov 2016	31	1	24	1	0	24	6062.34	1378	41
	Dec 2016	25	0	20	1	0	25	6061.95	1373	40
	Jan 2017	22	0	18	1	0	25	6061.39	1366	38
	Feb 2017	30	0	27	1	0	22	6061.69	1369	35
	Mar 2017	92	2	83	2	5	25	6065.65	1421	47
	Apr 2017	170	15	133	3	20	31	6071.47	1501	84
	May 2017	277	41	228	4	34	217	6069.59	1475	363
	Jun 2017	224	33	190	4	49	212	6063.98	1399	363

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2015 24-Month Study

Most Probable Inflow*

Lake Powell

	Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry Gage (1000 Ac-Ft)
*	Jul 2014	838	730	53	800	0	800	3608.05	5056	12535	814
H	Aug 2014	517	615	53	801	0	801	3605.82	5039	12314	818
I	Sep 2014	511	622	48	604	0	604	3605.53	5037	12286	619
	WY 2014	**10381**	**9287**	**347**	**7337**	**143**	**7480**				**7568**
S	Oct 2014	716	636	34	598	0	598	3605.57	5037	12290	613
T	Nov 2014	423	420	32	645	132	777	3601.87	5008	11929	780
O	Dec 2014	409	465	25	864	0	864	3597.75	4977	11537	880
R	Jan 2015	348	449	8	862	0	862	3593.57	4945	11147	878
I	Feb 2015	424	464	8	589	0	589	3592.23	4936	11024	595
C	Mar 2015	552	543	14	649	0	649	3591.02	4927	10913	656
A	Apr 2015	639	539	21	600	0	600	3590.18	4921	10837	610
L	May 2015	1613	1431	25	699	0	699	3597.27	4973	11491	708
*	Jun 2015	3389	2570	44	800	0	800	3613.54	5101	13090	801
	Jul 2015	650	684	54	1050	0	1050	3609.71	5070	12701	1065
	Aug 2015	350	493	53	800	0	800	3606.36	5043	12367	817
	Sep 2015	320	522	48	711	0	711	3604.11	5025	12147	724
	WY 2015	**9833**	**9216**	**365**	**8868**	**132**	**9000**				**9128**
	Oct 2015	450	554	33	600	0	600	3603.36	5020	12074	609
	Nov 2015	410	470	32	600	0	600	3601.82	5008	11924	606
	Dec 2015	310	484	25	800	0	800	3598.51	4982	11608	806
	Jan 2016	300	435	8	800	0	800	3594.83	4955	11263	809
	Feb 2016	340	448	8	650	0	650	3592.72	4939	11069	655
	Mar 2016	530	461	14	650	0	650	3590.66	4924	10881	656
	Apr 2016	830	666	21	600	0	600	3591.12	4927	10922	610
	May 2016	2220	1953	26	650	0	650	3603.67	5022	12104	658
	Jun 2016	2500	2189	45	800	0	800	3616.05	5122	13349	809
	Jul 2016	750	686	55	1000	0	1000	3612.73	5094	13007	1015
	Aug 2016	400	551	54	1050	0	1050	3607.65	5053	12496	1067
	Sep 2016	320	486	48	800	0	800	3604.25	5027	12161	813
	WY 2016	**9360**	**9384**	**369**	**9000**	**0**	**9000**				**9113**
	Oct 2016	438	491	33	600	0	600	3602.90	5016	12029	609
	Nov 2016	439	465	32	600	0	600	3601.30	5004	11874	606
	Dec 2016	363	496	25	800	0	800	3598.10	4979	11570	806
	Jan 2017	361	478	8	800	0	800	3594.84	4955	11264	809
	Feb 2017	393	463	8	650	0	650	3592.89	4940	11084	655
	Mar 2017	665	586	14	650	0	650	3592.10	4935	11012	656
	Apr 2017	1056	870	22	600	0	600	3594.60	4953	11242	610
	May 2017	2343	2119	27	650	0	650	3608.48	5060	12578	658
	Jun 2017	2666	2385	47	800	0	800	3622.24	5174	14002	809

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2015 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Glen Release (1000 Ac-Ft)	Side Inflow Glen to Hoover (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Jul 2014	800	54	67	943	15.3	27	941	654	1080.60	10061
H	Aug 2014	801	113	71	735	12.0	23	727	659	1081.55	10140
I	Sep 2014	604	140	58	686	11.5	19	684	658	1081.33	10121
	WY 2014	**7480**	**677**	**567**	**9759**		**216**	**9716**			
S	Oct 2014	598	68	43	472	7.7	21	461	666	1082.79	10244
T	Nov 2014	777	44	43	695	11.7	13	692	670	1083.57	10309
O	Dec 2014	864	56	37	493	8.0	8	492	693	1087.79	10667
R	Jan 2015	862	73	31	832	13.5	6	832	697	1088.51	10729
I	Feb 2015	589	90	28	600	10.8	8	599	700	1088.98	10769
C	Mar 2015	649	57	31	1034	16.8	14	1033	677	1084.87	10419
A	Apr 2015	600	26	38	1087	18.3	20	1086	646	1079.03	9931
L	May 2015	699	26	43	871	14.2	25	862	632	1076.57	9729
*	Jun 2015	800	15	52	868	14.6	24	868	624	1075.08	9607
	Jul 2015	1050	67	65	827	13.4	33	827	636	1077.29	9787
	Aug 2015	800	127	70	796	12.9	31	796	638	1077.63	9816
	Sep 2015	711	114	57	750	12.6	19	750	638	1077.62	9815
	WY 2015	**9000**	**762**	**539**	**9326**		**224**	**9298**			
	Oct 2015	600	61	42	483	7.9	23	483	645	1078.91	9921
	Nov 2015	600	50	42	604	10.1	13	604	644	1078.81	9912
	Dec 2015	800	96	37	557	9.1	10	557	662	1082.12	10188
	Jan 2016	800	72	30	704	11.4	9	704	670	1083.57	10309
	Feb 2016	650	77	28	631	11.0	8	631	674	1084.24	10365
	Mar 2016	650	61	31	1034	16.8	16	1034	651	1080.08	10018
	Apr 2016	600	76	38	1095	18.4	22	1095	622	1074.60	9568
	May 2016	650	49	43	1003	16.3	30	1003	599	1070.20	9215
	Jun 2016	800	23	51	925	15.5	30	925	588	1068.02	9043
	Jul 2016	1000	67	63	879	14.3	32	879	593	1069.13	9130
	Aug 2016	1050	127	68	788	12.8	30	788	611	1072.56	9404
	Sep 2016	800	114	56	729	12.2	17	729	618	1073.86	9509
	WY 2016	**9000**	**874**	**527**	**9433**		**239**	**9433**			
	Oct 2016	600	61	41	484	7.9	21	484	625	1075.19	9617
	Nov 2016	600	50	41	635	10.7	12	635	623	1074.76	9581
	Dec 2016	800	96	36	559	9.1	8	559	641	1078.13	9856
	Jan 2017	800	72	30	703	11.4	9	703	649	1079.60	9978
	Feb 2017	650	77	27	627	11.3	8	627	653	1080.33	10039
	Mar 2017	650	61	30	1034	16.8	16	1034	630	1076.11	9691
	Apr 2017	600	76	37	1095	18.4	22	1095	601	1070.54	9242
	May 2017	650	49	42	1002	16.3	31	1002	578	1066.07	8890
	Jun 2017	800	23	50	924	15.5	31	924	567	1063.87	8719

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2015 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Jul 2014	943	-10	25	900	0	900	14.6	643.10	1701
H	Aug 2014	735	-6	23	697	0	697	11.3	643.43	1711
I	Sep 2014	686	-6	18	727	0	727	12.2	641.03	1645
	WY 2014	**9759**	**-139**	**198**	**9400**	**0**	**9400**			
S	Oct 2014	472	10	15	642	0	642	10.4	634.40	1470
T	Nov 2014	695	-6	10	629	0	629	10.6	636.32	1520
O	Dec 2014	493	-2	9	445	0	445	7.2	637.75	1558
R	Jan 2015	832	-22	10	660	0	660	10.7	642.98	1698
I	Feb 2015	600	-8	10	625	0	625	11.3	641.43	1656
C	Mar 2015	1034	-21	13	963	0	963	15.7	642.78	1693
A	Apr 2015	1087	-21	17	1022	3	1019	17.1	643.88	1723
L	May 2015	871	-10	22	829	0	854	13.9	643.30	1707
*	Jun 2015	868	-19	26	810	0	810	13.6	643.81	1721
	Jul 2015	827	-13	25	824	0	824	13.4	642.50	1685
	Aug 2015	796	-10	23	769	0	769	12.5	642.25	1678
	Sep 2015	750	-6	18	787	0	787	13.2	640.01	1617
	WY 2015	**9326**	**-129**	**198**	**9005**	**3**	**9027**			
	Oct 2015	483	1	15	653	0	653	10.6	633.00	1434
	Nov 2015	604	-11	10	531	0	531	8.9	635.00	1486
	Dec 2015	557	-12	9	438	0	438	7.1	638.71	1583
	Jan 2016	704	-13	10	598	0	598	9.7	641.80	1666
	Feb 2016	631	-13	10	608	0	608	10.6	641.80	1666
	Mar 2016	1034	-15	13	972	0	972	15.8	643.05	1700
	Apr 2016	1095	-19	17	1061	0	1061	17.8	643.00	1699
	May 2016	1003	-15	22	966	0	966	15.7	643.00	1699
	Jun 2016	925	-17	25	910	0	910	15.3	642.00	1671
	Jul 2016	879	-13	25	854	0	854	13.9	641.50	1658
	Aug 2016	788	-10	23	755	0	755	12.3	641.50	1658
	Sep 2016	729	-6	18	745	0	745	12.5	640.01	1617
	WY 2016	**9433**	**-143**	**197**	**9092**	**0**	**9092**			
	Oct 2016	484	1	15	653	0	653	10.6	633.00	1434
	Nov 2016	635	-11	10	563	0	563	9.5	635.00	1486
	Dec 2016	559	-12	9	440	0	440	7.2	638.71	1583
	Jan 2017	703	-13	10	598	0	598	9.7	641.80	1666
	Feb 2017	627	-13	10	604	0	604	10.9	641.80	1666
	Mar 2017	1034	-15	13	972	0	972	15.8	643.05	1700
	Apr 2017	1095	-19	17	1061	0	1061	17.8	643.00	1699
	May 2017	1002	-15	22	965	0	965	15.7	643.00	1699
	Jun 2017	924	-17	25	909	0	909	15.3	642.00	1671

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2015 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	Jul 2014	900	18	17	686	11.2	105	93	448.27	585	118	1.9
H	Aug 2014	697	26	17	495	8.1	106	99	448.10	582	100	1.6
I	Sep 2014	727	13	15	474	8.0	102	140	448.17	583	90	1.5
	WY 2014	**9400**	**169**	**140**	**6497**		**1137**	**1685**			**1587**	
S	Oct 2014	642	16	12	432	7.0	105	135	446.41	550	65	1.1
T	Nov 2014	629	9	9	351	5.9	102	147	447.77	576	89	1.5
O	Dec 2014	445	18	7	240	3.9	109	132	446.36	549	98	1.6
R	Jan 2015	660	17	6	348	5.7	105	180	448.22	584	146	2.4
I	Feb 2015	625	9	8	473	8.5	54	109	447.38	568	172	3.1
C	Mar 2015	963	3	9	707	11.5	86	146	447.89	578	219	3.6
A	Apr 2015	1019	15	11	752	12.6	104	154	448.09	582	210	3.5
L	May 2015	854	21	13	559	9.1	108	177	448.50	590	113	1.8
*	Jun 2015	810	14	16	615	10.3	104	77	448.89	597	109	1.8
	Jul 2015	824	29	17	653	10.6	108	74	448.25	585	103	1.7
	Aug 2015	769	27	17	599	9.7	108	75	447.50	571	92	1.5
	Sep 2015	787	23	15	544	9.1	105	137	447.50	571	89	1.5
	WY 2015	**9027**	**201**	**140**	**6272**		**1197**	**1544**			**1505**	
	Oct 2015	653	25	12	509	8.3	33	117	447.50	571	63	1.0
	Nov 2015	531	27	9	395	6.6	30	119	447.50	571	97	1.6
	Dec 2015	438	21	7	320	5.2	33	114	446.50	552	110	1.8
	Jan 2016	598	18	6	354	5.8	79	172	446.50	552	130	2.1
	Feb 2016	608	11	8	440	7.7	73	92	446.50	552	161	2.8
	Mar 2016	972	15	9	741	12.0	79	145	446.70	555	205	3.3
	Apr 2016	1061	23	11	783	13.2	76	167	448.70	593	205	3.4
	May 2016	966	17	13	705	11.5	79	173	448.70	593	113	1.8
	Jun 2016	910	15	16	695	11.7	76	124	448.70	593	111	1.9
	Jul 2016	854	29	17	701	11.4	79	86	448.00	580	119	1.9
	Aug 2016	755	27	17	599	9.7	79	85	447.50	571	100	1.6
	Sep 2016	745	23	15	545	9.2	76	123	447.50	570	89	1.5
	WY 2016	**9092**	**252**	**139**	**6789**		**790**	**1519**			**1504**	
	Oct 2016	653	25	12	450	7.3	79	130	447.50	571	55	0.9
	Nov 2016	563	27	9	372	6.3	76	127	447.50	571	103	1.7
	Dec 2016	440	21	7	277	4.5	79	114	446.50	552	108	1.7
	Jan 2017	598	18	6	352	5.7	80	173	446.50	552	130	2.1
	Feb 2017	604	11	8	438	7.9	70	92	446.50	552	161	2.9
	Mar 2017	972	15	9	739	12.0	80	146	446.70	555	205	3.3
	Apr 2017	1061	23	11	781	13.1	77	168	448.70	593	205	3.4
	May 2017	965	17	13	703	11.4	80	174	448.70	593	113	1.8
	Jun 2017	909	15	16	693	11.6	77	125	448.70	593	111	1.9

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2200

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2015 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Jul 2014	943	15.3	1080.60	10061	-172	434.94	1615.0	363.6	100	385.7
H	Aug 2014	735	12.0	1081.55	10140	79	436.53	1493.0	279.3	94	379.9
I	Sep 2014	686	11.5	1081.33	10121	-18	437.59	1493.0	262.1	94	382.2
	WY 2014	**9759**							**3910.2**		
S	Oct 2014	472	7.7	1082.79	10244	122	442.74	1282.0	180.0	81	381.5
T	Nov 2014	695	11.7	1083.57	10309	65	437.62	1079.0	270.7	68	389.5
O	Dec 2014	493	8.0	1087.79	10667	358	446.86	889.0	189.0	55	383.3
R	Jan 2015	832	13.5	1088.51	10729	62	441.51	1018.0	333.5	63	400.6
I	Feb 2015	600	10.8	1088.98	10769	40	444.73	848.0	239.1	52	398.4
C	Mar 2015	1034	16.8	1084.87	10419	-350	440.21	952.0	412.2	60	398.7
A	Apr 2015	1087	18.3	1079.03	9931	-488	430.55	1217.0	427.4	76	393.2
L	May 2015	869	14.1	1076.57	9729	-202	432.58	1165.0	337.2	74	388.2
*	Jun 2015	868	14.6	1075.08	9607	-121	427.78	1573.0	332.0	100	382.4
	Jul 2015	827	13.4	1077.29	9787	180	423.30	1455.0	317.8	94	384.3
	Aug 2015	796	12.9	1077.63	9816	28	425.07	1451.0	305.8	94	384.3
	Sep 2015	750	12.6	1077.62	9815	-1	425.39	1547.0	287.2	100	382.7
	WY 2015	**9324**							**3632.0**		
	Oct 2015	483	7.9	1078.91	9921	106	431.68	1071.0	187.1	69	387.1
	Nov 2015	604	10.1	1078.81	9912	-8	433.36	1239.0	234.1	80	387.7
	Dec 2015	557	9.1	1082.12	10188	275	433.10	1244.0	212.4	80	381.6
	Jan 2016	704	11.4	1083.57	10309	121	435.26	959.0	277.5	62	394.2
	Feb 2016	631	11.0	1084.24	10365	57	435.32	958.0	247.3	61	391.9
	Mar 2016	1034	16.8	1080.08	10018	-347	431.79	1139.0	407.4	74	393.9
	Apr 2016	1095	18.4	1074.60	9568	-450	425.29	1294.0	425.7	87	388.7
	May 2016	1003	16.3	1070.20	9215	-353	418.99	1463.0	374.3	100	373.2
	Jun 2016	925	15.5	1068.02	9043	-172	416.06	1436.0	346.9	100	375.1
	Jul 2016	879	14.3	1069.13	9130	87	416.02	1429.0	333.5	100	379.2
	Aug 2016	788	12.8	1072.56	9404	273	418.43	1432.0	297.3	100	377.2
	Sep 2016	729	12.2	1073.86	9509	105	421.26	1426.0	275.3	100	377.8
	WY 2016	**9433**							**3618.8**		
	Oct 2016	484	7.9	1075.19	9617	108	427.06	1114.0	185.0	78	382.5
	Nov 2016	635	10.7	1074.76	9581	-35	428.57	1276.0	240.4	89	378.7
	Dec 2016	559	9.1	1078.13	9856	275	429.11	1248.0	211.7	80	378.7
	Jan 2017	703	11.4	1079.60	9978	122	431.31	962.3	274.7	62	390.7
	Feb 2017	627	11.3	1080.33	10039	60	431.41	963.2	244.5	61	390.2
	Mar 2017	1034	16.8	1076.11	9691	-347	427.87	1148.3	403.6	74	390.3
	Apr 2017	1095	18.4	1070.54	9242	-449	421.30	1311.4	421.3	87	384.9
	May 2017	1002	16.3	1066.07	8890	-352	414.94	1487.9	370.2	100	369.4
	Jun 2017	924	15.5	1063.87	8719	-171	411.96	1475.5	343.0	100	371.1

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2200

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2015 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Jul 2014	900	14.6	643.10	1701	7	143.48	255.0	112.8	100	125.4
H	Aug 2014	697	11.3	643.43	1711	9	143.79	255.0	88.3	100	126.7
I	Sep 2014	727	12.2	641.03	1645	-65	138.41	255.0	91.5	100	126.0
	WY 2014	**9400**							**1175.6**		
S	Oct 2014	642	10.4	634.40	1470	-175	134.93	191.3	72.3	75	112.7
T	Nov 2014	629	10.6	636.32	1520	50	136.47	158.1	74.4	62	118.2
O	Dec 2014	445	7.2	637.75	1558	37	134.54	165.8	52.7	65	118.4
R	Jan 2015	660	10.7	642.98	1698	141	141.44	163.2	82.8	64	125.4
I	Feb 2015	625	11.3	641.43	1656	-42	140.07	188.7	79.9	74	127.8
C	Mar 2015	963	15.7	642.78	1693	37	139.75	229.5	123.2	90	128.0
A	Apr 2015	1022	17.2	643.88	1723	30	141.00	255.0	129.5	100	126.8
L	May 2015	829	13.9	643.30	1707	-16	141.92	252.5	110.0	99	132.6
*	Jun 2015	810	13.6	643.81	1721	14	144.85	255.0	104.6	100	129.1
	Jul 2015	824	13.4	642.50	1685	-36	136.20	255.0	103.7	100	125.9
	Aug 2015	769	12.5	642.25	1678	-7	135.38	255.0	96.6	100	125.5
	Sep 2015	787	13.2	640.01	1617	-61	134.08	255.0	97.7	100	124.2
	WY 2015	**9005**							**1127.4**		
	Oct 2015	653	10.6	633.00	1434	-183	129.77	234.6	79.0	92	120.9
	Nov 2015	531	8.9	635.00	1486	51	127.90	209.1	63.4	82	119.3
	Dec 2015	438	7.1	638.71	1583	97	130.45	224.4	53.7	88	122.6
	Jan 2016	598	9.7	641.80	1666	83	135.97	163.2	74.6	64	124.6
	Feb 2016	608	10.6	641.80	1666	0	137.17	173.4	76.4	68	125.7
	Mar 2016	972	15.8	643.05	1700	34	135.44	255.0	121.1	100	124.5
	Apr 2016	1061	17.8	643.00	1699	-2	136.07	255.0	132.1	100	124.5
	May 2016	966	15.7	643.00	1699	0	136.04	255.0	120.8	100	125.1
	Jun 2016	910	15.3	642.00	1671	-27	135.51	255.0	113.5	100	124.7
	Jul 2016	854	13.9	641.50	1658	-14	134.73	255.0	106.4	100	124.5
	Aug 2016	755	12.3	641.50	1658	0	134.46	255.0	94.3	100	124.8
	Sep 2016	745	12.5	640.01	1617	-40	133.68	255.0	92.4	100	124.1
	WY 2016	**9092**							**1127.4**		
	Oct 2016	653	10.6	633.00	1434	-183	129.77	234.6	79.0	92	120.9
	Nov 2016	563	9.5	635.00	1486	51	127.90	209.1	67.0	82	119.1
	Dec 2016	440	7.2	638.71	1583	97	130.45	224.4	54.0	88	122.6
	Jan 2017	598	9.7	641.80	1666	83	135.97	163.2	74.5	64	124.6
	Feb 2017	604	10.9	641.80	1666	0	137.17	173.4	75.8	68	125.6
	Mar 2017	972	15.8	643.05	1700	34	135.44	255.0	121.0	100	124.5
	Apr 2017	1061	17.8	643.00	1699	-2	136.07	255.0	132.0	100	124.5
	May 2017	965	15.7	643.00	1699	0	136.04	255.0	120.7	100	125.1
	Jun 2017	909	15.3	642.00	1671	-27	135.51	255.0	113.4	100	124.7

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2200

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2015 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Jul 2014	686	11.2	448.27	585	7	82.46	120.0	47.9	100	69.9
H	Aug 2014	495	8.1	448.10	582	-3	81.82	120.0	35.2	100	71.2
I	Sep 2014	474	8.0	448.17	583	1	82.36	120.0	33.7	100	70.9
	WY 2014	**6496**							**451.6**		
S	Oct 2014	432	7.0	446.41	550	-33	80.56	91.2	30.8	76	71.3
T	Nov 2014	351	5.9	447.77	576	25	81.18	96.0	24.4	80	69.4
O	Dec 2014	240	3.9	446.36	549	-26	81.87	120.0	15.5	100	64.8
R	Jan 2015	348	5.6	448.22	584	35	82.97	93.6	24.3	78	69.7
I	Feb 2015	473	8.5	447.38	568	-16	81.70	94.8	33.2	79	70.2
C	Mar 2015	707	11.5	447.89	578	10	79.76	108.0	49.6	90	70.2
A	Apr 2015	752	12.6	448.09	582	4	80.20	120.0	52.5	100	69.8
L	May 2015	559	9.1	448.50	590	8	81.62	112.8	39.5	94	70.7
*	Jun 2015	615	10.3	448.89	597	7	79.48	120.0	43.6	100	70.8
	Jul 2015	653	10.6	448.25	585	-12	75.93	120.0	43.2	100	66.2
	Aug 2015	599	9.7	447.50	571	-14	75.25	120.0	39.3	100	65.5
	Sep 2015	544	9.1	447.50	571	0	74.89	120.0	35.4	100	65.1
	WY 2015	**6272**							**431.2**		
	Oct 2015	509	8.3	447.50	571	0	76.04	94.8	33.6	79	66.0
	Nov 2015	395	6.6	447.50	571	0	75.69	102.0	25.7	85	64.9
	Dec 2015	320	5.2	446.50	552	-19	74.40	120.0	20.2	100	63.1
	Jan 2016	354	5.8	446.50	552	0	75.01	96.0	22.7	80	64.0
	Feb 2016	440	7.7	446.50	552	0	75.13	93.6	28.7	78	65.1
	Mar 2016	741	12.0	446.70	555	4	74.01	120.0	48.2	100	65.0
	Apr 2016	783	13.2	448.70	593	38	75.08	120.0	51.7	100	66.0
	May 2016	705	11.5	448.70	593	0	76.05	120.0	46.9	100	66.5
	Jun 2016	695	11.7	448.70	593	0	76.05	120.0	46.3	100	66.5
	Jul 2016	701	11.4	448.00	580	-13	75.71	120.0	46.5	100	66.2
	Aug 2016	599	9.7	447.50	571	-9	75.13	120.0	39.2	100	65.5
	Sep 2016	545	9.2	447.50	570	0	74.89	120.0	35.5	100	65.1
	WY 2016	**6789**							**445.0**		
	Oct 2016	450	7.3	447.50	571	0	75.69	102.0	29.4	85	65.3
	Nov 2016	372	6.3	447.50	571	0	75.69	102.0	24.1	85	64.7
	Dec 2016	277	4.5	446.50	552	-19	75.20	102.0	17.4	85	63.0
	Jan 2017	352	5.7	446.50	552	0	74.71	102.0	22.4	85	63.8
	Feb 2017	438	7.9	446.50	552	0	73.92	120.0	28.1	100	64.1
	Mar 2017	739	12.0	446.70	555	4	74.01	120.0	48.1	100	65.0
	Apr 2017	781	13.1	448.70	593	38	75.08	120.0	51.5	100	66.0
	May 2017	703	11.4	448.70	593	0	76.05	120.0	46.7	100	66.5
	Jun 2017	693	11.6	448.70	593	0	76.05	120.0	46.1	100	66.5

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2015 24-Month Study

Most Probable Inflow*

Upper Basin Power

	Date	Glen Canyon 1000 MWHR	Flaming Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Reservoir 1000 MWHR	Fontenelle Reservoir 1000 MWHR
*	Jul 2014	354	41	35	29	22	8
H	Aug 2014	353	48	31	37	21	9
I	Sep 2014	266	46	23	29	16	2
	Summer 2014	**1643**	**255**	**169**	**243**	**106**	**37**
S	Oct 2014	264	36	18	17	14	7
T	Nov 2014	281	30	7	7	4	6
O	Dec 2014	377	43	15	19	11	6
R	Jan 2015	373	48	16	20	10	6
I	Feb 2015	254	44	8	10	2	5
C	Mar 2015	278	48	7	9	5	6
	Winter 2015	**1827**	**250**	**72**	**83**	**46**	**37**
A	Apr 2015	256	28	13	17	11	7
L	May 2015	299	65	21	30	18	8
*	Jun 2015	348	40	38	67	21	9
	Jul 2015	424	39	44	52	23	9
	Aug 2015	320	39	39	47	23	6
	Sep 2015	285	37	37	45	22	3
	Summer 2015	**1932**	**247**	**192**	**258**	**118**	**42**
	Oct 2015	238	38	21	26	13	5
	Nov 2015	237	46	7	9	5	5
	Dec 2015	315	50	30	36	18	5
	Jan 2016	313	49	18	22	12	5
	Feb 2016	252	46	14	18	9	4
	Mar 2016	251	25	8	11	6	4
	Winter 2016	**1607**	**255**	**96**	**123**	**64**	**27**
	Apr 2016	232	24	11	18	10	4
	May 2016	254	43	36	52	23	6
	Jun 2016	322	57	15	25	17	8
	Jul 2016	406	34	28	33	18	10
	Aug 2016	422	34	39	46	23	9
	Sep 2016	319	33	37	44	22	6
	Summer 2016	**1954**	**225**	**167**	**218**	**114**	**43**
	Oct 2016	238	34	18	22	12	6
	Nov 2016	237	33	7	9	5	5
	Dec 2016	315	34	30	37	19	5
	Jan 2017	313	34	25	31	16	5
	Feb 2017	252	31	17	23	11	4
	Mar 2017	252	34	7	11	6	4
	Winter 2017	**1355**	**167**	**97**	**122**	**63**	**24**
	Apr 2017	233	33	11	18	11	5
	May 2017	257	41	34	51	23	7
	Jun 2017	325	82	23	35	22	9

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2015 24-Month Study

Most Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions

Date	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Total KAF	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****EFFECTIVE SPACE****										
Jul 2015	290	15	235	11232	11771	17770	29541	6	-18	39	28	11232	17770	29030	1500	827	0	31.0
								****CREDITABLE SPACE****										
Aug 2015	300	27	246	11621	12195	17590	29784	300	27	246	573	11621	17590	29784	1500	796	0	30.6
Sep 2015	358	82	260	11955	12656	17561	30217	358	82	260	701	11955	17561	30217	2270	750	0	30.1
Oct 2015	428	155	310	12175	13068	17562	30631	428	155	310	893	12175	17562	30631	3040	483	0	29.8
Nov 2015	485	185	331	12248	13249	17456	30705	485	185	331	1000	12248	17456	30705	3810	604	0	29.6
Dec 2015	560	176	334	12398	13468	17465	30933	560	176	334	1070	12398	17465	30933	4580	557	0	29.5
Jan 2016	659	248	341	12714	13962	17189	31151	659	248	341	1248	12714	17189	31151	5350	704	0	29.2
								****EFFECTIVE SPACE****										
Jan 2016	659	248	341	12714	13962	17189	31151	242	248	267	758	12714	17189	30661	5350	704	0	29.2
Feb 2016	754	281	350	13059	14444	17068	31512	337	281	275	894	13059	17068	31021	1500	631	0	29.0
Mar 2016	838	306	351	13253	14748	17012	31760	421	306	276	1002	13253	17012	31267	1500	1034	0	28.5
Apr 2016	821	297	317	13441	14876	17359	32235	399	297	235	931	13441	17359	31731	1500	1095	0	28.3
May 2016	773	271	259	13400	14702	17809	32511	344	271	154	769	13400	17809	31978	1500	1003	0	29.4
Jun 2016	700	203	180	12218	13300	18162	31462	261	194	37	492	12218	18162	30872	1500	925	0	30.7
Jul 2016	548	35	229	10973	11785	18334	30119	96	4	33	133	10973	18334	29440	1500	879	0	30.5
								****CREDITABLE SPACE****										
Aug 2016	469	27	253	11315	12064	18247	30311	469	27	253	749	11315	18247	30311	1500	788	0	30.1
Sep 2016	505	94	292	11826	12717	17973	30690	505	94	292	891	11826	17973	30690	2270	729	0	29.6
Oct 2016	558	169	324	12161	13212	17868	31081	558	169	324	1051	12161	17868	31081	3040	484	0	29.4
Nov 2016	604	184	317	12293	13398	17760	31158	604	184	317	1104	12293	17760	31158	3810	635	0	29.2
Dec 2016	648	174	318	12448	13588	17796	31384	648	174	318	1140	12448	17796	31384	4580	559	0	29.1
Jan 2017	708	248	323	12752	14032	17521	31552	708	248	323	1280	12752	17521	31552	5350	703	0	28.9
								****EFFECTIVE SPACE****										
Jan 2017	708	248	323	12752	14032	17521	31552	369	248	194	812	12752	17521	31085	5350	703	0	28.9
Feb 2017	763	307	330	13058	14458	17399	31857	422	307	201	931	13058	17399	31387	1500	627	0	28.7
Mar 2017	805	343	327	13238	14713	17338	32051	463	343	196	1002	13238	17338	31579	1500	1034	0	28.4
Apr 2017	801	332	275	13310	14717	17686	32403	454	332	138	924	13310	17686	31919	1500	1095	0	28.3
May 2017	764	297	195	13080	14336	18135	32471	411	297	36	744	13080	18135	31959	1500	1002	0	29.5
Jun 2017	643	207	221	11744	12816	18487	31303	278	201	25	504	11744	18487	30736	1500	924	0	31.0

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2200

Processed On: 7/9/2015 10:37:55AM

August 24-Month Study
Date: August 17, 2015

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

Reservoir	July Inflow (unregulated) (acre-feet)	Percent of Average (%)	August 16, Midnight Elevation (feet)	Reservoir Storage (acre-feet)
Fontenelle	126,000	71	6499.19	292,000
Flaming Gorge	157,000	74	6034.35	3,520,000
Blue Mesa	131,000	112	7515.47	794,000
Navajo	76,000	115	6067.01	1,440,000
Powell	1,072,000	98	3611.27	12,859,000

Expected Operations

The operation of Lake Powell and Lake Mead in this August 2015 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines), and reflects the 2015 Annual Operating Plan (AOP). Pursuant to the Interim Guidelines, the August 2014 24-Month Study projections of the January 1, 2015, system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2015.

Consistent with Section 6.B of the Interim Guidelines, the Lake Powell operational tier for water year 2015 is the Upper Elevation Balancing Tier. The April 2015 24-Month Study projected the end of water year elevation at Lake Powell to be above 3,575 feet and the end of water year elevation at Lake Mead to be below elevation 1,075.0 feet. Therefore, in accordance with Section 6.B.4 of the 2007 Interim Guidelines, Lake Powell operations shifted to "balancing releases" for the remainder of water year 2015. Based on the most probable inflow forecast, this August 24-Month Study projects the balancing release will be 9.0 maf in water year 2015.

Consistent with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar year 2015.

This August 24-Month study projects the January 1, 2016 Lake Powell elevation will be 3,602.46 feet, which is below the 2016 Equalization Elevation of 3,651 feet and above elevation 3,575 feet. Consistent with Section 6.B of the Interim Guidelines, Lake Powell's operations in water year 2016 will be governed by the Upper Elevation Balancing Tier, with an initial water year release volume of 8.23 maf and the potential for an April adjustment to equalization or balancing releases in April 2016. Consistent with Section 6.B.4 of the Interim Guidelines, an April adjustment to balancing releases is currently projected to occur and Lake Powell is projected to release 9.0 maf in water year 2016.

Consistent with the August 2015 24-Month Study and Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar year 2016.

The tier determinations will be documented in the 2016 AOP, which is currently in development.

The Interim Guidelines are available for download at:
http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The 2015 AOP is available for download at:
http://www.usbr.gov/uc/water/rsvrs/ops/aop/AOP15.pdf.

Fontenelle Reservoir –The current reservoir elevation is 6500.0 feet, which amounts to 87 percent of live storage capacity. The total 2015 April-July inflow volume was 768,000 AF, or 106% of average. While the seasonal inflow volume was above average, inflows to Fontenelle for the month of July were only 126,000 acre-feet (AF), or 71 percent of average. Recent daily inflow averages have ranged from 860 cfs to 1,020 cfs.

Reservoir releases have been held steady at 1,500 cfs since mid-July. August weather conditions are expected to be relatively cool and dry, though strong storms continue to track southeast of the basin. The Colorado Basin River Forecast Center has forecasted late summer inflows that are below average. Releases will be reduced to 1,200 cfs on Monday, August 17, 2015. At the end of the month, releases will be further reduced to a winter baseflow level near 1,000 cfs. This is subject to change based on observed hydrology.

The next Fontenelle Working Group meeting is scheduled for 10:00 am, August 26, 2015. The meeting location has been changed to the Wyoming Game and Fish Department in Green River, Wyoming (351 W. Astle Avenue). The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir.

Flaming Gorge Reservoir – Flaming Gorge Dam is currently releasing an average daily base flow of 1,700 cfs. It is anticipated that releases will remain at 1,700 cfs through October 31, 2015. Base flow releases are subject to observed hydrology and all projections may change.

Unregulated inflow into Flaming Gorge Reservoir during the month of July was 157,000 acre-feet (AF), or 75 percent of average. The reservoir elevation is 6,034.4 feet. Observed inflows are averaging 1,700 cubic feet per second (cfs).

Inflows for the next three months are projected to be below average: with August, September and October forecasted inflow volumes at 62,000 AF (70% of average), 50,000 AF (91% of average), and 55,000 AF (93% of average), respectively.

The next Flaming Gorge Working Group meeting is scheduled for August 27, 2015, at 11:00 a.m. to be held in the Utah Department of Natural Resources building in Vernal, Utah. The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stake holders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations and plans presented by Reclamation at these meetings. Meeting notes from past Working Group meetings are posted on the Working Group webpage. For more information on this group and these meetings please contact Peter Crookston at 801-379-1152 or Heather Patno at 801-524-3883.

Aspinall Unit Reservoirs – July unregulated inflow into Blue Mesa Reservoir was 131,000 acre-feet or 112 percent of average. Hydrologic conditions in the basin continue to be favorable with summer thunderstorms bringing above average precipitation. May, June, and July precipitation was 265, 160, and 130 percent of average respectively. The current inflow rate into Blue Mesa Reservoir is about 1400 cfs while reservoir releases are averaging about 1,700 cfs. Blue Mesa's present elevation is 7516.19 feet, which corresponds to a storage content of about 801,000 acre-feet.

The observed April through July runoff into Blue Mesa Reservoir was recorded at 708,000 acre-feet, or 105 percent of average. The Aspinall Unit reservoirs have already been at full capacity during June and nearly full during most of July. This year's peak elevation was recorded on June 20th when the reservoir reached elevation 7519.40 feet and a content of 829,500 acre-feet.

Releases from Crystal are currently set at 1800 cfs. The Gunnison Diversion Tunnel is diverting about 1050 cfs, which results in a river flow below the diversion tunnel of approximately 750 cfs. These rates will most likely change as conditions warrant, primarily as we respond to changes at the Whitewater gage as flows prescribed in the Aspinall Unit Operations Record of Decision (ROD). This year's ROD Baseflow calls for 1050 cfs at the Whitewater gage from August through next April.

The next meeting of the "Aspinall Unit Working Group" will be held on Thursday, August 13, 2015 starting at 1:00 PM at the Elk Creek Visitor Center at Blue Mesa

Reservoir. At this meeting, review of this spring's reservoir operations, and plans for this fall and winter operations will be discussed. These meetings are open forum discussions on the Aspinall Unit reservoir operations with many interested groups participating. Anyone needing further information about these meetings should contact Erik Knight in the Grand Junction Area Office at (970) 248-0629.

Navajo Reservoir – Due to the recent mine accident high in the Animas River Basin, the SJRIP requested a shift in the timing of the release of their available water. The reservoir release was increased from 650 cfs to 1300 cfs Friday (August 7th) in the morning. This release was held over the weekend in an attempt by the SJRIP to dilute and move the contaminant plume through the critical habitat reach more quickly. The release was reduced to 650 cfs again on Monday August 10th.

Releases are made for the authorized purposes of the Navajo Unit, and to attempt to maintain a target base flow through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell). The San Juan River Basin Recovery Implementation Program recommends a target base flow of between 500 cfs and 1,000 cfs through the critical habitat area. The target base flow is calculated as the weekly average of gaged flows throughout the critical habitat area.

Navajo was at 6068.7 feet of pool elevation and 1,462,883 acre-feet of storage by the end of July, which was 103% of average for the end of the month. Modified unregulated inflow into Navajo was 77,057 acre-feet, which was 117% of average for the month. Calculated evaporation for the month was 4,754 acre-ft. NIIP diverted a total of 38,605 acre-ft. The release averaged close to 468 cfs throughout the month. Precipitation at the dam totaled 1.7 inches (127% of average). The April-July inflow total this year was 619,000 acre-feet (84% of average). The reservoir peaked on July 20th at 6069.6 ft.

As of August 6th, the release at Navajo (as measured at the USGS at Archuleta gage) was 669 cfs, and the observed inflow is 473 cfs. NIIP is diverting 632 cfs. The reservoir elevation is 6068.26 feet and the content is 1,457,035 acre-feet, or 86% full (77% of Active). The San Juan River at Four Corners USGS gage is at 1,540 cfs, and the Animas River at Farmington USGS gage is at 593 cfs.

The most probable modified-unregulated inflow forecast for August at Navajo is 30,000 acre-feet (68% of average), for September is 30,000 acre-ft (69% of average), and for October is 36,000 acre-feet (76% of average).

The most probable forecast shows the reservoir will end the water year (Sept 30th) near 6063 feet (1,385,000 acre-feet), and reach a minimum overwinter storage level near 6060 feet (1,343,500 acre-feet) in February of 2016.

Glen Canyon Dam / Lake Powell

Current Status

The April to July 2015 unregulated inflow to Lake Powell was 6.71 million acre-feet (maf) (94% of average). The unregulated inflow in July was 1.072 maf (98% of average). The release volume from Glen Canyon Dam in July was 1.048 maf. The end of July elevation and storage of Lake Powell were 3,612.6 feet (87 feet from full pool) and 13.00 maf (53% of full capacity), respectively. The reservoir elevation peaked at 3,614 feet on July 14 and is now in its seasonal decline through the fall and winter months.

Current Operations

The operating tier for water year 2015, established in August 2014, is the Upper Elevation Balancing Tier. The April 2015 24-Month Study established that Lake Powell operations will be governed by balancing for the remainder of water year 2015. Based on the most probable inflow forecast, this August 24-Month Study projects a balancing release of 9.0 maf in water year 2015. Reclamation will schedule operations at Glen Canyon Dam to achieve as practicably as possible the appropriate total annual release volume by September 30, 2015.

The operating tier for water year 2016, established this August 2015, is the Upper Elevation Balancing Tier, with an initial water year release volume of 8.23 maf and the potential for an April 2016 adjustment to equalization or balancing releases. Based on the current forecast, an April adjustment to balancing releases is projected to occur and Lake Powell is currently projected to release 9.0 maf in water year 2016. This projection will be updated each month throughout the water year.

In August 2015, the release volume will be approximately 800 thousand acre-feet (kaf), with fluctuations anticipated between approximately 9,000 cfs and 17,000 cfs and consistent with the Glen Canyon Operating Criteria (Federal Register, Volume 62, No. 41, March 3, 1997). The anticipated release volume for September is approximately 710 kaf with daily fluctuations between approximately 9,000 cfs and 15,000 cfs. The expected release for October is 600 kaf with daily fluctuations between approximately 7,000 cfs and 13,000 cfs.

In addition to daily scheduled fluctuations for power generation, the instantaneous releases from Glen Canyon Dam may also fluctuate to provide 40 MW of system regulation. These instantaneous release adjustments stabilize the electrical generation and transmission system and translate to a range of about 1,200 cfs above or below the hourly scheduled release rate. Under system normal conditions, fluctuations for regulation are typically short lived and generally balance out over the hour with minimal or no noticeable impacts on downstream river flow conditions.

Releases from Glen Canyon Dam can also fluctuate beyond scheduled releases when called upon to respond to unscheduled power outages or power system emergencies. Depending on the severity of the system emergency, the response from Glen Canyon Dam can be significant, within the full range of the operating capacity of the power plant

for as long as is necessary to maintain balance in the transmission system. Glen Canyon Dam currently maintains 27 MW (approximately 800 cfs) of generation capacity in reserve in order to respond to a system emergency even when generation rates are already high. System emergencies occur fairly infrequently and typically require small responses from Glen Canyon Dam. However, these responses can have a noticeable impact on the river downstream of Glen Canyon Dam.

Inflow Forecasts and Model Projections

The forecast for water year 2016 unregulated inflow to Lake Powell, issued on August 3, 2015, by the Colorado Basin River Forecast Center, projects that the most probable (median) unregulated inflow volume next year will be 9.54 maf (88% of average). There is significant uncertainty regarding next season's snow pack development and resulting runoff into Lake Powell. The forecast ranges from a minimum probable of 6.4 maf (59%) to a maximum probable of 16.9 maf (156%). There is a 10% chance that inflows could be higher than the current maximum probable forecast and a 10% chance that inflows could be lower than the minimum probable forecast.

Based on the current forecast, the August 24-Month study projects Lake Powell elevation will end water year 2015 near 3,608 feet with approximately 12.51 maf in storage (51% capacity) and water year 2016 near 3,610 feet with approximately 12.71 maf in storage (52% capacity). Note that projections of elevation and storage for water year 2016 have significant uncertainty at this point in the season. Projections of elevation and storage using the minimum and maximum probable inflow forecast are 3,585 feet (10.4 maf, 43% capacity) and 3,648 feet (17.0 maf, 70% capacity), respectively. Under these scenarios, there is a 10 percent chance that inflows will be higher, resulting in higher elevation and storage, and 10 percent chance that inflows will be lower, resulting in lower elevation and storage. The annual release volume from Lake Powell during water year 2016 is projected to be 9.0 maf under the minimum and most probable inflow scenarios and 11.4 maf under the maximum probable inflow scenario. There is a chance that inflows could be higher or lower, potentially resulting in releases greater than 11.4 maf or as low as 8.23 maf in water year 2016.

Upper Colorado River Basin Hydrology

The Upper Colorado River Basin regularly experiences significant year to year hydrologic variability. During the 15-year period 2000 to 2014, however, the unregulated inflow to Lake Powell, which is a good measure of hydrologic conditions in the Colorado River Basin, was above average in only 3 out of the past 15 years. The period 2000-2014 is the lowest 15-year period since the closure of Glen Canyon Dam in 1963, with an average unregulated inflow of 8.39 maf, or 78% of the 30-year average (1981-2010). (For comparison, the 1981-2010 total water year average is 10.83 maf.) The unregulated inflow during the 2000-2014 period has ranged from a low of 2.64 maf (24% of average) in water year 2002 to a high of 15.97 maf (147% of average) in water year 2011. The water year 2014 unregulated inflow volume to Lake Powell was 10.381 maf (96% of average), which, though still below average, was significantly higher than inflows observed in 2012 and 2013 (45% and 47% of average, respectively). Under the

current most probable forecast, total water year 2015 unregulated inflows to Lake Powell is projected to be 10.33 maf (95% of average).

At the beginning of water year 2015, total system storage in the Colorado River Basin was 30.0 maf (50% of 59.6 maf total system capacity). This is nearly the same as the total storage at the beginning of water year 2014 which began at 29.9 maf (50% of capacity). Since the beginning of water year 2000, total Colorado Basin storage has experienced year to year increases and decreases in response to wet and dry hydrology, ranging from a high of 94% of capacity at the beginning of 2000 to a low of 50% of capacity at the beginning of water year 2015. One wet year can significantly increase total system reservoir storage, just as persistent dry years can draw down the system storage. Based on current inflow forecasts, the current projected end of water year total Colorado Basin reservoir storage for water year 2015 is approximately 30.55 maf (51% of total system capacity) and for water year 2016 is approximately 30.24 maf (51% of total system capacity). The actual end of water year 2016 system storage may vary from this projection, primarily due to uncertainty regarding next season's snowpack and resulting runoff and reservoir inflow. Based on the August minimum and maximum probable inflow forecasts and modeling, the range of end of water year 2016 total system capacity is approximately 27.2 maf (46%) to 37.3 maf (63%), respectively.

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-430
125 SOUTH STATE STREET, ROOM 6107
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-3709

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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:	Obs			jul	Forecast			Observed	
:	apr	may	jun	jul	%Avg	aug	sep	oct	apr-jul	%Avg
GLDA3:Lake Powell	639	1613	3389	1072	98%:	400/	350/	460/	6713/:	94%
GBRW4:Fontenelle	87	223	332	126	71%:	55/	45/	45/	768/:	106%
GRNU1:Flaming Gorge	112	333	434	157	74%:	62/	50/	55/	1036/:	106%
BMDC2:Blue Mesa	73	136	368	131	112%:	57/	40/	39/	708/:	105%
MPSC2:Morrow Point	79	151	388	135	110%:	60/	43/	42/	753/:	102%
CLSC2:Crystal	85	164	429	143	104%:	66/	49/	48/	821/:	98%
TPIC2:Taylor Park	9.3	18.6	61	22	109%:	10/	7.5/	7/	111/:	112%
VCRC2:Vallecito	18.5	43	106	35	121%:	18/	15/	13/	203/:	105%
NVRN5:Navajo	80	178	285	76	115%:	30/	30/	36/	619/:	84%
LEMC2:Lemon	4.8	10.0	31	7.5	113%:	3.5/	3/	2/	53/:	96%
MPHC2:McPhee	23	75	102	26	115%:	10/	9/	7/	226/:	77%
RBSC2:Ridgway	6.2	13.9	50	24	94%:	10/	7/	7/	94/:	93%

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2015 24-Month Study

Most Probable Inflow*

Fontenelle Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Aug 2014	98	2	100	1	108	6504.71	335
H	Sep 2014	69	2	21	66	87	6502.07	314
	WY 2014	**1424**	**15**	**811**	**478**	**1328**		
I	Oct 2014	85	1	80	10	90	6501.37	309
S	Nov 2014	53	1	69	1	69	6499.16	292
T	Dec 2014	51	1	77	0	77	6495.49	265
O	Jan 2015	46	1	77	0	77	6490.98	234
R	Feb 2015	46	1	69	1	69	6487.37	210
I	Mar 2015	70	1	78	0	78	6486.00	201
C	Apr 2015	87	1	102	0	103	6483.35	185
A	May 2015	223	2	104	4	108	6499.95	298
L	Jun 2015	332	3	101	229	330	6499.84	297
*	Jul 2015	126	3	91	17	108	6501.77	312
	Aug 2015	55	2	83	0	83	6497.70	282
	Sep 2015	45	2	38	23	61	6495.24	264
	WY 2015	**1219**	**16**	**969**	**285**	**1253**		
	Oct 2015	45	1	63	0	63	6492.51	245
	Nov 2015	43	1	61	0	61	6489.64	226
	Dec 2015	32	1	63	0	63	6484.79	195
	Jan 2016	30	1	63	0	63	6478.91	161
	Feb 2016	28	0	59	0	59	6472.40	130
	Mar 2016	45	0	63	0	63	6468.08	111
	Apr 2016	75	1	71	0	71	6468.81	114
	May 2016	150	1	97	13	111	6477.20	152
	Jun 2016	270	2	102	17	119	6500.30	301
	Jul 2016	168	3	101	22	123	6505.73	343
	Aug 2016	64	2	100	0	101	6500.76	305
	Sep 2016	40	2	75	0	75	6495.78	268
	WY 2016	**990**	**15**	**918**	**54**	**972**		
	Oct 2016	44	1	65	0	65	6492.76	247
	Nov 2016	40	1	62	0	62	6489.28	224
	Dec 2016	32	1	65	0	65	6484.14	191
	Jan 2017	30	1	65	0	65	6477.90	156
	Feb 2017	28	0	58	0	58	6471.30	125
	Mar 2017	53	0	65	0	65	6468.37	112
	Apr 2017	85	1	74	0	74	6470.85	123
	May 2017	164	1	99	5	105	6482.47	181
	Jun 2017	299	2	103	63	167	6501.60	311
	Jul 2017	178	3	100	42	141	6505.85	344

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2201

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2015 24-Month Study

Most Probable Inflow*

Flaming Gorge Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	Aug 2014	126	136	13	122	0	122	132	6028.53	3293	190
H	Sep 2014	99	118	11	116	0	116	132	6028.31	3284	170
	WY 2014	**1689**	**1594**	**77**	**945**	**86**	**1032**				**2799**
I	Oct 2014	108	112	7	92	0	92	133	6028.64	3297	159
S	Nov 2014	65	81	4	77	0	77	133	6028.63	3296	134
T	Dec 2014	53	79	2	113	0	113	131	6027.71	3262	164
O	Jan 2015	67	98	2	124	0	124	130	6026.99	3234	171
R	Feb 2015	63	86	2	113	0	113	129	6026.25	3207	168
I	Mar 2015	77	85	3	124	0	124	127	6025.15	3166	219
C	Apr 2015	112	127	5	73	0	73	129	6026.41	3213	252
A	May 2015	333	218	8	169	57	226	129	6026.01	3198	652
L	Jun 2015	434	432	11	100	0	100	141	6034.01	3506	482
*	Jul 2015	157	140	14	104	0	104	142	6034.55	3528	195
	Aug 2015	62	90	13	105	0	105	141	6033.89	3502	120
	Sep 2015	50	66	12	101	0	101	139	6032.76	3457	110
	WY 2015	**1579**	**1613**	**82**	**1295**	**57**	**1352**				**2826**
	Oct 2015	55	73	8	105	0	105	138	6031.80	3419	126
	Nov 2015	54	72	4	125	0	125	135	6030.40	3364	151
	Dec 2015	36	67	2	135	0	135	133	6028.65	3297	156
	Jan 2016	42	75	2	135	0	135	130	6027.07	3237	154
	Feb 2016	45	76	2	127	0	127	128	6025.72	3187	145
	Mar 2016	93	111	3	90	0	90	129	6026.19	3204	151
	Apr 2016	125	121	5	86	0	86	130	6026.97	3234	266
	May 2016	205	166	8	133	0	133	131	6027.61	3258	603
	Jun 2016	320	169	10	156	0	156	131	6027.68	3260	561
	Jul 2016	200	155	13	95	0	95	133	6028.85	3305	163
	Aug 2016	75	112	13	95	0	95	133	6028.94	3308	113
	Sep 2016	50	85	11	92	0	92	132	6028.47	3291	105
	WY 2016	**1300**	**1282**	**80**	**1375**	**0**	**1375**				**2695**
	Oct 2016	55	75	7	95	0	95	131	6027.79	3264	121
	Nov 2016	50	72	3	92	0	92	130	6027.18	3241	121
	Dec 2016	35	67	2	95	0	95	129	6026.42	3213	121
	Jan 2017	40	75	2	95	0	95	128	6025.84	3191	120
	Feb 2017	45	75	2	86	0	86	128	6025.50	3179	114
	Mar 2017	102	114	3	95	0	95	129	6025.92	3194	172
	Apr 2017	134	122	5	92	0	92	130	6026.57	3219	307
	May 2017	245	186	8	114	0	114	132	6028.22	3281	646
	Jun 2017	390	257	10	223	0	223	133	6028.81	3303	643
	Jul 2017	210	174	14	98	0	98	135	6030.36	3363	198

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2015 24-Month Study

Most Probable Inflow*

Taylor Park Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Aug 2014	12	19	9316.50	81
H	Sep 2014	10	14	9314.21	77
	WY 2014	**161**	**154**		
I	Oct 2014	10	8	9315.40	79
S	Nov 2014	7	6	9315.85	80
T	Dec 2014	6	6	9315.74	79
O	Jan 2015	6	6	9315.48	79
R	Feb 2015	4	5	9314.94	78
I	Mar 2015	7	6	9315.31	79
C	Apr 2015	9	6	9317.32	82
A	May 2015	19	10	9321.95	91
L	Jun 2015	61	49	9328.14	102
*	Jul 2015	22	29	9324.75	96
	Aug 2015	10	25	9316.57	81
	Sep 2015	8	18	9310.59	71
	WY 2015	**168**	**174**		
	Oct 2015	7	8	9309.96	70
	Nov 2015	6	6	9309.96	70
	Dec 2015	5	6	9309.33	69
	Jan 2016	4	6	9308.05	67
	Feb 2016	4	6	9306.74	65
	Mar 2016	4	6	9305.40	63
	Apr 2016	7	6	9306.07	64
	May 2016	25	8	9316.57	81
	Jun 2016	40	18	9328.32	103
	Jul 2016	15	20	9325.78	98
	Aug 2016	8	18	9320.49	88
	Sep 2016	7	14	9316.57	81
	WY 2016	**132**	**122**		
	Oct 2016	6	12	9313.30	75
	Nov 2016	5	6	9312.71	74
	Dec 2016	5	6	9311.91	73
	Jan 2017	4	6	9310.89	71
	Feb 2017	4	6	9309.51	69
	Mar 2017	4	6	9308.52	68
	Apr 2017	9	6	9310.27	70
	May 2017	28	14	9318.70	85
	Jun 2017	42	22	9329.07	104
	Jul 2017	20	22	9328.14	102

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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Processed On: 8/16/2015 8:40:58PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2015 24-Month Study

Most Probable Inflow*

Blue Mesa Reservoir

	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Aug 2014	64	72	1	104	0	104	7496.00	629
H	Sep 2014	48	52	1	81	0	81	7492.28	599
	WY 2014	**1145**	**1138**	**8**	**708**	**145**	**879**		
I	Oct 2014	55	53	1	64	0	64	7490.77	587
S	Nov 2014	37	36	0	27	0	27	7491.85	596
T	Dec 2014	34	34	0	55	0	55	7489.11	574
O	Jan 2015	30	30	0	58	0	58	7485.48	547
R	Feb 2015	28	29	0	29	0	29	7485.47	547
I	Mar 2015	54	53	0	26	0	26	7488.96	573
C	Apr 2015	73	70	1	45	0	45	7492.04	597
A	May 2015	136	128	1	71	0	71	7498.96	653
L	Jun 2015	368	356	1	125	62	192	7517.76	815
*	Jul 2015	131	137	2	135	10	145	7516.74	806
	Aug 2015	57	72	1	124	0	124	7510.75	752
	Sep 2015	40	50	1	120	0	120	7502.42	681
	WY 2015	**1041**	**1047**	**9**	**878**	**72**	**956**		
	Oct 2015	39	40	1	64	0	64	7499.45	657
	Nov 2015	32	32	0	35	0	35	7499.05	654
	Dec 2015	26	27	0	99	0	99	7490.00	581
	Jan 2016	25	27	0	60	0	60	7485.68	548
	Feb 2016	21	23	0	48	0	48	7482.31	523
	Mar 2016	33	35	0	26	0	26	7483.47	532
	Apr 2016	68	67	1	39	0	39	7487.08	559
	May 2016	205	188	1	121	0	121	7495.50	625
	Jun 2016	250	228	1	50	0	50	7516.28	801
	Jul 2016	92	97	2	94	0	94	7516.40	802
	Aug 2016	50	60	1	126	0	126	7508.78	735
	Sep 2016	39	46	1	121	0	121	7499.75	659
	WY 2016	**880**	**870**	**9**	**883**	**0**	**883**		
	Oct 2016	39	44	1	59	0	59	7497.91	644
	Nov 2016	31	32	0	23	0	23	7499.03	653
	Dec 2016	26	27	0	99	0	99	7490.00	581
	Jan 2017	24	26	0	85	0	85	7482.20	522
	Feb 2017	22	25	0	60	0	60	7477.30	487
	Mar 2017	36	38	0	26	0	26	7478.86	498
	Apr 2017	77	74	1	39	0	39	7483.57	532
	May 2017	221	207	1	116	0	116	7495.16	622
	Jun 2017	261	241	1	76	0	76	7514.56	786
	Jul 2017	117	119	2	101	0	101	7516.40	803

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2015 24-Month Study

Most Probable Inflow*

Morrow Point Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Aug 2014	64	104	1	105	104	0	104	7154.40	113
H	Sep 2014	49	81	1	82	82	0	82	7153.75	112
	WY 2014	**1215**	**879**	**70**	**949**	**782**	**73**	**949**		
I	Oct 2014	56	64	1	65	49	0	68	7149.96	109
S	Nov 2014	38	27	2	29	23	0	26	7154.03	112
T	Dec 2014	35	55	1	56	56	0	56	7153.68	112
O	Jan 2015	30	58	1	58	60	0	60	7152.01	111
R	Feb 2015	29	29	1	30	31	0	31	7151.25	110
I	Mar 2015	56	26	3	29	28	0	28	7151.69	110
C	Apr 2015	79	45	6	50	51	0	51	7150.61	110
A	May 2015	151	71	15	86	84	0	84	7153.24	112
L	Jun 2015	388	192	20	212	188	0	211	7154.42	113
*	Jul 2015	135	145	3	148	148	0	148	7154.93	113
	Aug 2015	60	124	3	127	128	0	128	7153.73	112
	Sep 2015	43	120	3	123	123	0	123	7153.73	112
	WY 2015	**1100**	**956**	**58**	**1014**	**968**	**0**	**1014**		
	Oct 2015	42	64	3	67	67	0	67	7153.73	112
	Nov 2015	34	35	2	37	37	0	37	7153.73	112
	Dec 2015	28	99	2	101	101	0	101	7153.73	112
	Jan 2016	27	60	2	62	62	0	62	7153.73	112
	Feb 2016	24	48	3	51	51	0	51	7153.73	112
	Mar 2016	37	26	4	30	30	0	30	7153.73	112
	Apr 2016	78	39	10	49	49	0	49	7153.73	112
	May 2016	229	121	24	145	145	0	145	7153.73	112
	Jun 2016	270	50	20	70	70	0	70	7153.73	112
	Jul 2016	96	94	4	98	98	0	98	7153.73	112
	Aug 2016	52	126	2	128	128	0	128	7153.73	112
	Sep 2016	41	121	2	123	123	0	123	7153.73	112
	WY 2016	**958**	**883**	**78**	**961**	**961**	**0**	**961**		
	Oct 2016	41	59	2	61	61	0	61	7153.73	112
	Nov 2016	33	23	2	25	25	0	25	7153.73	112
	Dec 2016	28	99	2	101	101	0	101	7153.73	112
	Jan 2017	27	85	2	87	87	0	87	7153.73	112
	Feb 2017	25	60	3	63	63	0	63	7153.73	112
	Mar 2017	40	26	4	30	30	0	30	7153.73	112
	Apr 2017	88	39	11	50	50	0	50	7153.73	112
	May 2017	247	116	26	142	142	0	142	7153.73	112
	Jun 2017	281	76	20	96	96	0	96	7153.73	112
	Jul 2017	123	101	6	107	107	0	107	7153.73	112

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Managing Water in the West

August 2015 24-Month Study

Most Probable Inflow*

Crystal Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
*	Aug 2014	69	104	4	109	108	0	108	6749.65	16	65	48
H	Sep 2014	53	82	4	86	84	3	87	6747.57	15	62	26
	WY 2014	**1337**	**949**	**123**	**1071**	**690**	**187**	**1071**			**374**	**738**
I	Oct 2014	61	68	5	73	74	0	74	6745.88	15	48	27
S	Nov 2014	43	26	5	30	29	0	30	6748.06	16	0	29
T	Dec 2014	39	56	5	61	61	0	61	6746.42	15	1	62
O	Jan 2015	35	60	5	64	55	9	64	6746.05	15	1	65
R	Feb 2015	34	31	4	35	11	22	33	6751.96	17	0	34
I	Mar 2015	63	28	6	35	35	0	35	6752.00	17	1	34
C	Apr 2015	85	51	7	58	58	0	58	6751.65	17	37	21
A	May 2015	164	84	13	97	90	6	96	6752.09	17	62	36
L	Jun 2015	429	211	41	253	110	78	252	6755.80	18	55	205
*	Jul 2015	143	148	9	156	114	44	158	6751.21	16	65	95
	Aug 2015	66	128	6	134	133	0	133	6753.04	17	65	68
	Sep 2015	49	123	6	129	129	0	129	6753.04	17	55	74
	WY 2015	**1211**	**1014**	**111**	**1125**	**899**	**160**	**1123**			**390**	**751**
	Oct 2015	48	67	6	73	73	0	73	6753.04	17	30	43
	Nov 2015	39	37	5	42	42	0	42	6753.04	17	0	42
	Dec 2015	33	101	5	106	106	0	106	6753.04	17	0	106
	Jan 2016	32	62	5	67	67	0	67	6753.04	17	0	67
	Feb 2016	28	51	4	55	55	0	55	6753.04	17	0	55
	Mar 2016	43	30	6	36	36	0	36	6753.04	17	5	31
	Apr 2016	89	49	11	60	60	0	60	6753.04	17	30	30
	May 2016	260	145	31	176	134	42	176	6753.04	17	55	121
	Jun 2016	300	70	30	100	100	0	100	6753.04	17	60	40
	Jul 2016	106	98	10	108	108	0	108	6753.04	17	65	43
	Aug 2016	58	128	6	134	134	0	134	6753.04	17	65	69
	Sep 2016	47	123	6	129	129	0	129	6753.04	17	55	74
	WY 2016	**1083**	**961**	**125**	**1086**	**1045**	**42**	**1086**			**365**	**721**
	Oct 2016	47	61	6	67	67	0	67	6753.04	17	30	37
	Nov 2016	38	25	5	30	30	0	30	6753.04	17	0	30
	Dec 2016	32	101	5	106	106	0	106	6753.04	17	0	106
	Jan 2017	31	87	5	92	92	0	92	6753.04	17	0	92
	Feb 2017	29	63	4	66	66	0	66	6753.04	17	0	66
	Mar 2017	46	30	6	36	36	0	36	6753.04	17	5	31
	Apr 2017	101	50	12	63	63	0	63	6753.04	17	30	33
	May 2017	281	142	34	176	134	42	176	6753.04	17	55	121
	Jun 2017	315	96	34	130	130	0	130	6753.04	17	60	70
	Jul 2017	138	107	14	121	121	0	121	6753.04	17	65	56

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2015 24-Month Study

Most Probable Inflow*

Vallecito Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Aug 2014	14	32	7645.08	75
H	Sep 2014	22	28	7642.43	70
	WY 2014	**238**	**229**		
I	Oct 2014	23	5	7650.16	87
S	Nov 2014	10	3	7652.74	94
T	Dec 2014	6	4	7653.53	96
O	Jan 2015	6	5	7654.18	97
R	Feb 2015	7	4	7655.19	100
I	Mar 2015	13	12	7655.67	101
C	Apr 2015	19	11	7658.49	108
A	May 2015	43	31	7662.94	120
L	Jun 2015	106	103	7664.05	123
*	Jul 2015	37	42	7661.73	117
	Aug 2015	18	37	7654.00	97
	Sep 2015	15	30	7647.82	82
	WY 2015	**304**	**288**		
	Oct 2015	13	17	7645.92	77
	Nov 2015	8	1	7648.66	84
	Dec 2015	6	2	7650.49	88
	Jan 2016	5	2	7651.89	92
	Feb 2016	4	1	7652.89	94
	Mar 2016	6	2	7654.60	98
	Apr 2016	20	1	7661.65	116
	May 2016	71	66	7663.33	121
	Jun 2016	66	65	7663.32	121
	Jul 2016	27	41	7657.59	106
	Aug 2016	18	38	7649.47	86
	Sep 2016	15	29	7643.14	71
	WY 2016	**259**	**266**		
	Oct 2016	14	16	7642.02	69
	Nov 2016	8	1	7645.06	75
	Dec 2016	6	2	7647.11	80
	Jan 2017	5	2	7648.72	84
	Feb 2017	5	1	7650.08	87
	Mar 2017	9	2	7652.90	94
	Apr 2017	23	1	7661.31	116
	May 2017	71	66	7663.34	121
	Jun 2017	70	70	7663.34	121
	Jul 2017	29	42	7658.30	108

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2015 24-Month Study

Most Probable Inflow*

Navajo Reservoir

	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azetea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Farmington Flow (1000 Ac-Ft)
*	Aug 2014	14	1	32	3	37	39	6037.72	1088	61
H	Sep 2014	39	1	47	2	22	31	6036.99	1081	61
	WY 2014	**696**	**62**	**626**	**23**	**203**	**253**			**754**
I	Oct 2014	68	1	46	1	7	21	6038.47	1096	65
S	Nov 2014	28	0	21	1	0	21	6038.43	1096	46
T	Dec 2014	19	0	17	1	0	21	6037.94	1091	44
O	Jan 2015	23	0	21	1	0	21	6037.90	1090	39
R	Feb 2015	28	1	25	1	0	18	6038.43	1096	40
I	Mar 2015	87	7	80	1	3	20	6043.43	1150	56
C	Apr 2015	80	8	63	2	20	21	6045.22	1170	38
A	May 2015	178	24	144	3	23	22	6053.44	1267	97
L	Jun 2015	285	38	241	4	20	21	6068.60	1461	282
*	Jul 2015	78	9	73	5	39	29	6068.68	1462	101
	Aug 2015	30	1	49	4	37	45	6065.94	1425	80
	Sep 2015	30	1	44	3	22	58	6063.03	1387	83
	WY 2015	**933**	**91**	**823**	**27**	**171**	**319**			**970**
	Oct 2015	36	1	39	2	39	25	6061.00	1361	47
	Nov 2015	35	0	28	1	5	24	6060.86	1359	41
	Dec 2015	24	0	20	1	0	25	6060.42	1353	39
	Jan 2016	21	0	18	1	0	25	6059.81	1345	37
	Feb 2016	26	0	23	1	0	23	6059.77	1345	34
	Mar 2016	75	2	69	2	5	25	6062.67	1382	42
	Apr 2016	145	16	111	3	20	24	6067.54	1447	73
	May 2016	285	41	239	4	34	106	6074.38	1542	256
	Jun 2016	195	33	161	5	49	152	6071.25	1498	283
	Jul 2016	57	7	65	5	53	35	6069.23	1470	89
	Aug 2016	35	1	53	4	44	47	6066.16	1428	80
	Sep 2016	35	1	48	3	24	60	6063.26	1390	86
	WY 2016	**969**	**102**	**874**	**29**	**272**	**569**			**1105**
	Oct 2016	41	2	42	2	9	26	6063.69	1395	50
	Nov 2016	31	1	24	1	0	24	6063.61	1394	41
	Dec 2016	25	0	20	1	0	25	6063.23	1389	40
	Jan 2017	22	0	18	1	0	25	6062.68	1382	38
	Feb 2017	30	0	27	1	0	22	6062.96	1386	35
	Mar 2017	92	2	83	2	5	25	6066.88	1438	47
	Apr 2017	170	15	133	3	20	38	6072.19	1511	90
	May 2017	277	41	230	4	34	224	6069.95	1480	370
	Jun 2017	224	33	190	4	49	212	6064.36	1404	363
	Jul 2017	66	7	71	5	53	32	6063.00	1386	99

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2015 24-Month Study

Most Probable Inflow*

Lake Powell

	Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry Gage (1000 Ac-Ft)
*	Aug 2014	517	615	53	801	0	801	3605.82	5039	12314	818
H	Sep 2014	511	622	48	604	0	604	3605.53	5037	12286	619
	WY 2014	**10381**	**9287**	**347**	**7337**	**143**	**7480**				**7568**
I	Oct 2014	716	636	34	598	0	598	3605.57	5037	12290	613
S	Nov 2014	423	420	32	645	132	777	3601.87	5008	11929	780
T	Dec 2014	409	465	25	864	0	864	3597.75	4977	11537	880
O	Jan 2015	348	449	8	862	0	862	3593.57	4945	11147	878
R	Feb 2015	424	464	8	589	0	589	3592.23	4936	11024	595
I	Mar 2015	552	543	14	649	0	649	3591.02	4927	10913	656
C	Apr 2015	639	539	21	600	0	600	3590.18	4921	10837	610
A	May 2015	1613	1431	25	699	0	699	3597.27	4973	11491	708
L	Jun 2015	3389	2570	44	800	0	800	3613.54	5101	13090	801
*	Jul 2015	1072	1002	55	1048	0	1048	3612.62	5093	12996	1079
	Aug 2015	400	563	54	800	0	800	3609.96	5072	12726	817
	Sep 2015	350	531	49	713	0	713	3607.82	5055	12512	726
	WY 2015	**10334**	**9613**	**369**	**8868**	**132**	**9000**				**9143**
	Oct 2015	460	563	34	600	0	600	3607.16	5049	12446	609
	Nov 2015	410	479	33	600	0	600	3605.72	5038	12304	606
	Dec 2015	310	483	26	800	0	800	3602.46	5013	11987	806
	Jan 2016	300	432	8	800	0	800	3598.83	4985	11638	809
	Feb 2016	340	446	8	650	0	650	3596.74	4969	11442	655
	Mar 2016	540	486	14	650	0	650	3594.98	4956	11277	656
	Apr 2016	840	687	22	600	0	600	3595.62	4961	11337	610
	May 2016	2250	1989	27	650	0	650	3608.22	5058	12552	658
	Jun 2016	2550	2225	46	800	0	800	3620.61	5160	13828	809
	Jul 2016	840	775	57	1000	0	1000	3618.14	5139	13567	1015
	Aug 2016	370	524	56	1050	0	1050	3612.94	5096	13029	1067
	Sep 2016	330	504	50	800	0	800	3609.78	5070	12708	813
	WY 2016	**9540**	**9593**	**381**	**9000**	**0**	**9000**				**9113**
	Oct 2016	447	502	34	600	0	600	3608.55	5061	12585	609
	Nov 2016	443	470	33	600	0	600	3607.04	5048	12435	606
	Dec 2016	363	496	26	800	0	800	3603.93	5024	12129	806
	Jan 2017	361	480	8	800	0	800	3600.78	5000	11825	809
	Feb 2017	393	464	8	650	0	650	3598.90	4985	11645	655
	Mar 2017	665	588	14	650	0	650	3598.15	4980	11574	656
	Apr 2017	1056	878	23	600	0	600	3600.64	4999	11811	610
	May 2017	2343	2128	28	650	0	650	3614.15	5106	13153	658
	Jun 2017	2666	2385	48	800	0	800	3627.51	5220	14576	809
	Jul 2017	1091	989	61	1000	0	1000	3626.91	5214	14509	1015

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Managing Water in the West

August 2015 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Glen Release (1000 Ac-Ft)	Side Inflow Glen to Hoover (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Aug 2014	801	113	71	735	12.0	23	727	659	1081.55	10140
H	Sep 2014	604	140	58	686	11.5	19	684	658	1081.33	10121
	WY 2014	**7480**	**677**	**567**	**9759**		**216**	**9716**			
I	Oct 2014	598	68	43	472	7.7	21	461	666	1082.79	10244
S	Nov 2014	777	44	43	695	11.7	13	692	670	1083.57	10309
T	Dec 2014	864	56	37	493	8.0	8	492	693	1087.79	10667
O	Jan 2015	862	73	31	832	13.5	6	832	697	1088.51	10729
R	Feb 2015	589	90	28	600	10.8	8	599	700	1088.98	10769
I	Mar 2015	649	57	31	1034	16.8	14	1033	677	1084.87	10419
C	Apr 2015	600	26	38	1087	18.3	20	1086	646	1079.03	9931
A	May 2015	699	25	43	871	14.2	25	862	632	1076.57	9729
L	Jun 2015	800	17	52	868	14.6	25	868	624	1075.08	9607
*	Jul 2015	1048	81	65	767	12.5	29	766	641	1078.15	9858
	Aug 2015	800	127	70	769	12.5	31	769	644	1078.80	9912
	Sep 2015	713	114	58	727	12.2	18	727	646	1079.07	9934
	WY 2015	**9000**	**777**	**540**	**9216**		**220**	**9187**			
	Oct 2015	600	61	42	535	8.7	22	535	649	1079.77	9992
	Nov 2015	600	50	42	633	10.6	13	633	647	1079.35	9957
	Dec 2015	800	96	37	586	9.5	10	586	663	1082.33	10205
	Jan 2016	800	72	30	692	11.3	8	692	672	1083.92	10338
	Feb 2016	650	77	28	623	10.8	7	623	676	1084.69	10403
	Mar 2016	650	61	31	1017	16.5	15	1017	655	1080.75	10073
	Apr 2016	600	76	38	1090	18.3	21	1090	626	1075.34	9629
	May 2016	650	49	43	996	16.2	29	996	603	1071.04	9282
	Jun 2016	800	23	51	924	15.5	30	924	592	1068.90	9112
	Jul 2016	1000	67	63	874	14.2	31	874	598	1070.07	9205
	Aug 2016	1050	127	68	779	12.7	29	779	617	1073.61	9488
	Sep 2016	800	114	57	718	12.1	16	718	624	1075.03	9603
	WY 2016	**9000**	**874**	**529**	**9467**		**230**	**9467**			
	Oct 2016	600	61	42	478	7.8	20	478	632	1076.43	9717
	Nov 2016	600	50	42	623	10.5	11	623	630	1076.14	9693
	Dec 2016	800	96	36	552	9.0	7	552	648	1079.57	9975
	Jan 2017	800	72	30	699	11.4	8	699	657	1081.09	10102
	Feb 2017	650	77	27	627	11.3	7	627	661	1081.83	10163
	Mar 2017	650	61	31	1025	16.7	15	1025	639	1077.75	9825
	Apr 2017	600	76	37	1098	18.5	21	1098	609	1072.18	9374
	May 2017	650	49	42	1004	16.3	30	1004	586	1067.73	9020
	Jun 2017	800	23	50	931	15.7	30	931	575	1065.47	8843
	Jul 2017	1000	67	62	881	14.3	31	881	580	1066.58	8930

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2015 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Aug 2014	735	-6	23	697	0	697	11.3	643.43	1711
H	Sep 2014	686	-6	18	727	0	727	12.2	641.03	1645
	WY 2014	**9759**	**-139**	**198**	**9400**	**0**	**9400**			
I	Oct 2014	472	10	15	642	0	642	10.4	634.40	1470
S	Nov 2014	695	-6	10	629	0	629	10.6	636.32	1520
T	Dec 2014	493	-2	9	445	0	445	7.2	637.75	1558
O	Jan 2015	832	-22	10	660	0	660	10.7	642.98	1698
R	Feb 2015	600	-8	10	625	0	625	11.3	641.43	1656
I	Mar 2015	1034	-21	13	963	0	963	15.7	642.78	1693
C	Apr 2015	1087	-21	17	1022	3	1019	17.1	643.88	1723
A	May 2015	871	-10	22	829	0	854	13.9	643.30	1707
L	Jun 2015	868	-19	26	810	0	810	13.6	643.81	1721
*	Jul 2015	767	-13	25	763	0	763	12.4	642.57	1687
	Aug 2015	769	-10	23	744	0	744	12.1	642.25	1678
	Sep 2015	727	-6	18	764	0	764	12.8	640.01	1617
	WY 2015	**9216**	**-128**	**198**	**8896**	**3**	**8918**			
	Oct 2015	535	1	15	704	0	704	11.5	633.00	1434
	Nov 2015	633	-11	10	560	0	560	9.4	635.00	1486
	Dec 2015	586	-12	9	467	0	467	7.6	638.71	1583
	Jan 2016	692	-13	10	586	0	586	9.5	641.80	1666
	Feb 2016	623	-13	10	600	0	600	10.4	641.80	1666
	Mar 2016	1017	-15	13	955	0	955	15.5	643.05	1700
	Apr 2016	1090	-19	17	1056	0	1056	17.8	643.00	1699
	May 2016	996	-15	22	959	0	959	15.6	643.00	1699
	Jun 2016	924	-17	25	909	0	909	15.3	642.00	1671
	Jul 2016	874	-13	25	849	0	849	13.8	641.50	1658
	Aug 2016	779	-10	23	746	0	746	12.1	641.50	1658
	Sep 2016	718	-6	18	734	0	734	12.3	640.01	1617
	WY 2016	**9467**	**-143**	**197**	**9126**	**0**	**9126**			
	Oct 2016	478	1	15	648	0	648	10.5	633.00	1434
	Nov 2016	623	-11	10	551	0	551	9.3	635.00	1486
	Dec 2016	552	-12	9	434	0	434	7.1	638.71	1583
	Jan 2017	699	-13	10	594	0	594	9.7	641.80	1666
	Feb 2017	627	-13	10	604	0	604	10.9	641.80	1666
	Mar 2017	1025	-15	13	963	0	963	15.7	643.05	1700
	Apr 2017	1098	-19	17	1064	0	1064	17.9	643.00	1699
	May 2017	1004	-15	22	967	0	967	15.7	643.00	1699
	Jun 2017	931	-17	25	916	0	916	15.4	642.00	1671
	Jul 2017	881	-13	25	856	0	856	13.9	641.50	1658

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2015 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	Aug 2014	697	26	17	495	8.1	106	99	448.10	582	100	1.6
H	Sep 2014	727	13	15	474	8.0	102	140	448.17	583	90	1.5
	WY 2014	**9400**	**169**	**140**	**6497**		**1137**	**1685**			**1587**	
I	Oct 2014	642	16	12	432	7.0	105	135	446.41	550	65	1.1
S	Nov 2014	629	9	9	351	5.9	102	147	447.77	576	89	1.5
T	Dec 2014	445	18	7	240	3.9	109	132	446.36	549	98	1.6
O	Jan 2015	660	17	6	348	5.7	105	180	448.22	584	146	2.4
R	Feb 2015	625	9	8	473	8.5	54	109	447.38	568	172	3.1
I	Mar 2015	963	3	9	707	11.5	86	146	447.89	578	219	3.6
C	Apr 2015	1019	15	11	752	12.6	104	154	448.09	582	210	3.5
A	May 2015	854	21	13	559	9.1	108	177	448.50	590	113	1.8
L	Jun 2015	810	19	16	615	10.3	104	77	448.89	597	109	1.8
*	Jul 2015	763	18	17	592	9.6	107	70	447.99	580	107	1.7
	Aug 2015	744	27	17	559	9.1	108	75	448.00	580	92	1.5
	Sep 2015	764	23	15	524	8.8	104	144	447.50	571	89	1.5
	WY 2015	**8918**	**195**	**140**	**6152**		**1196**	**1548**			**1509**	
	Oct 2015	704	25	12	485	7.9	108	117	447.50	570	58	1.0
	Nov 2015	560	27	9	371	6.2	75	127	447.50	571	92	1.6
	Dec 2015	467	21	7	295	4.8	79	122	446.50	552	104	1.7
	Jan 2016	586	18	6	349	5.7	78	166	446.50	552	130	2.1
	Feb 2016	600	11	8	440	7.7	72	85	446.50	552	161	2.8
	Mar 2016	955	15	9	731	11.9	78	139	446.70	555	205	3.3
	Apr 2016	1056	23	11	786	13.2	75	161	448.70	593	205	3.4
	May 2016	959	17	13	706	11.5	78	167	448.70	593	113	1.8
	Jun 2016	909	15	16	702	11.8	75	117	448.70	593	111	1.9
	Jul 2016	849	29	17	704	11.4	78	79	448.00	580	119	1.9
	Aug 2016	746	27	17	597	9.7	78	78	447.50	571	100	1.6
	Sep 2016	734	23	15	542	9.1	75	116	447.50	570	89	1.5
	WY 2016	**9126**	**252**	**139**	**6708**		**949**	**1473**			**1489**	
	Oct 2016	648	25	12	452	7.4	78	123	447.50	571	55	0.9
	Nov 2016	551	27	9	369	6.2	75	120	447.50	571	103	1.7
	Dec 2016	434	21	7	278	4.5	78	107	446.50	552	108	1.7
	Jan 2017	594	18	6	347	5.6	79	174	446.50	552	130	2.1
	Feb 2017	604	11	8	438	7.9	70	93	446.50	552	161	2.9
	Mar 2017	963	15	9	730	11.9	79	147	446.70	555	205	3.3
	Apr 2017	1064	23	11	784	13.2	76	169	448.70	593	205	3.4
	May 2017	967	17	13	704	11.4	79	175	448.70	593	113	1.8
	Jun 2017	916	15	16	700	11.8	76	126	448.70	593	111	1.9
	Jul 2017	856	29	17	702	11.4	79	87	448.00	580	119	1.9

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2015 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Aug 2014	735	12.0	1081.55	10140	79	436.53	1493.0	279.3	94	379.9
H	Sep 2014	686	11.5	1081.33	10121	-18	437.59	1493.0	262.1	94	382.2
	WY 2014	**9759**							**3910.2**		
I	Oct 2014	472	7.7	1082.79	10244	122	442.74	1282.0	180.0	81	381.5
S	Nov 2014	695	11.7	1083.57	10309	65	437.62	1079.0	270.7	68	389.5
T	Dec 2014	493	8.0	1087.79	10667	358	446.86	889.0	189.0	55	383.3
O	Jan 2015	832	13.5	1088.51	10729	62	441.51	1018.0	333.5	63	400.6
R	Feb 2015	600	10.8	1088.98	10769	40	444.73	848.0	239.1	52	398.4
I	Mar 2015	1034	16.8	1084.87	10419	-350	440.21	952.0	412.2	60	398.7
C	Apr 2015	1087	18.3	1079.03	9931	-488	430.55	1217.0	427.4	76	393.2
A	May 2015	869	14.1	1076.57	9729	-202	432.58	1165.0	337.2	74	388.2
L	Jun 2015	868	14.6	1075.08	9607	-121	427.78	1573.0	332.0	100	382.4
*	Jul 2015	767	12.5	1078.15	9858	251	432.42	1455.0	292.7	94	381.4
	Aug 2015	769	12.5	1078.80	9912	54	426.16	1451.0	295.1	93	383.9
	Sep 2015	727	12.2	1079.07	9934	22	426.69	1560.0	278.2	100	382.5
	WY 2015	**9214**							**3587.2**		
	Oct 2015	535	8.7	1079.77	9992	58	432.82	1086.0	203.6	69	380.9
	Nov 2015	633	10.6	1079.35	9957	-35	434.07	1257.0	243.2	80	384.4
	Dec 2015	586	9.5	1082.33	10205	248	434.31	1149.0	226.4	72	386.6
	Jan 2016	692	11.3	1083.92	10338	133	436.25	876.0	274.4	55	396.7
	Feb 2016	623	10.8	1084.69	10403	65	435.69	986.0	243.9	62	391.4
	Mar 2016	1017	16.5	1080.75	10073	-330	432.32	1173.0	400.1	75	393.3
	Apr 2016	1090	18.3	1075.34	9629	-444	425.99	1336.0	424.3	87	389.1
	May 2016	996	16.2	1071.04	9282	-346	419.78	1518.0	372.3	100	373.6
	Jun 2016	924	15.5	1068.90	9112	-170	416.91	1505.0	347.3	100	375.8
	Jul 2016	874	14.2	1070.07	9205	93	416.92	1512.0	332.0	100	379.8
	Aug 2016	779	12.7	1073.61	9488	283	419.41	1531.0	294.0	100	377.6
	Sep 2016	718	12.1	1075.03	9603	115	422.35	1539.0	271.6	100	378.1
	WY 2016	**9467**							**3632.9**		
	Oct 2016	478	7.8	1076.43	9717	114	428.26	1200.0	183.0	78	382.9
	Nov 2016	623	10.5	1076.14	9693	-24	429.88	1374.0	240.1	89	385.1
	Dec 2016	552	9.0	1079.57	9975	282	429.71	1370.0	208.6	88	377.5
	Jan 2017	699	11.4	1081.09	10102	126	433.47	860.5	276.1	55	394.8
	Feb 2017	627	11.3	1081.83	10163	61	432.86	968.7	245.2	62	391.3
	Mar 2017	1025	16.7	1077.75	9825	-338	429.41	1152.7	401.0	75	391.1
	Apr 2017	1098	18.5	1072.18	9374	-451	422.94	1311.9	424.5	87	386.6
	May 2017	1004	16.3	1067.73	9020	-353	416.57	1489.9	372.5	100	371.0
	Jun 2017	931	15.7	1065.47	8843	-177	413.58	1477.0	347.4	100	373.0
	Jul 2017	881	14.3	1066.58	8930	87	413.50	1483.3	332.1	100	376.9

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2015 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Aug 2014	697	11.3	643.43	1711	9	143.79	255.0	88.3	100	126.7
H	Sep 2014	727	12.2	641.03	1645	-65	138.41	255.0	91.5	100	126.0
	WY 2014	**9400**							**1175.6**		
I	Oct 2014	642	10.4	634.40	1470	-175	134.93	191.3	72.3	75	112.7
S	Nov 2014	629	10.6	636.32	1520	50	136.47	158.1	74.4	62	118.2
T	Dec 2014	445	7.2	637.75	1558	37	134.54	165.8	52.7	65	118.4
O	Jan 2015	660	10.7	642.98	1698	141	141.44	163.2	82.8	64	125.4
R	Feb 2015	625	11.3	641.43	1656	-42	140.07	188.7	79.9	74	127.8
I	Mar 2015	963	15.7	642.78	1693	37	139.75	229.5	123.2	90	128.0
C	Apr 2015	1022	17.2	643.88	1723	30	141.00	255.0	129.5	100	126.8
A	May 2015	829	13.9	643.30	1707	-16	141.92	252.5	110.0	99	132.6
L	Jun 2015	810	13.6	643.81	1721	14	144.85	255.0	104.6	100	129.1
*	Jul 2015	763	12.4	642.57	1687	-34	140.97	255.0	98.4	100	128.9
	Aug 2015	744	12.1	642.25	1678	-9	135.42	255.0	93.5	100	125.7
	Sep 2015	764	12.8	640.01	1617	-61	134.08	255.0	94.9	100	124.3
	WY 2015	**8896**							**1116.2**		
	Oct 2015	704	11.5	633.00	1434	-183	129.77	234.6	84.9	92	120.6
	Nov 2015	560	9.4	635.00	1486	51	127.90	209.1	66.7	82	119.1
	Dec 2015	467	7.6	638.71	1583	97	130.45	224.4	57.2	88	122.4
	Jan 2016	586	9.5	641.80	1666	83	135.97	163.2	73.1	64	124.7
	Feb 2016	600	10.4	641.80	1666	0	137.17	173.4	75.5	68	125.7
	Mar 2016	955	15.5	643.05	1700	34	135.44	255.0	119.0	100	124.6
	Apr 2016	1056	17.8	643.00	1699	-2	136.07	255.0	131.5	100	124.5
	May 2016	959	15.6	643.00	1699	0	136.04	255.0	120.0	100	125.1
	Jun 2016	909	15.3	642.00	1671	-27	135.51	255.0	113.3	100	124.7
	Jul 2016	849	13.8	641.50	1658	-14	134.73	255.0	105.7	100	124.5
	Aug 2016	746	12.1	641.50	1658	0	134.46	255.0	93.1	100	124.9
	Sep 2016	734	12.3	640.01	1617	-40	133.68	255.0	91.2	100	124.1
	WY 2016	**9126**							**1131.2**		
	Oct 2016	648	10.5	633.00	1434	-183	129.77	234.6	78.3	92	120.9
	Nov 2016	551	9.3	635.00	1486	51	127.90	209.1	65.7	82	119.2
	Dec 2016	434	7.1	638.71	1583	97	130.45	224.4	53.2	88	122.6
	Jan 2017	594	9.7	641.80	1666	83	135.97	163.2	74.0	64	124.6
	Feb 2017	604	10.9	641.80	1666	0	137.17	173.4	75.8	68	125.6
	Mar 2017	963	15.7	643.05	1700	34	135.44	255.0	119.9	100	124.6
	Apr 2017	1064	17.9	643.00	1699	-2	136.07	255.0	132.4	100	124.4
	May 2017	967	15.7	643.00	1699	0	136.04	255.0	120.9	100	125.1
	Jun 2017	916	15.4	642.00	1671	-27	135.51	255.0	114.2	100	124.7
	Jul 2017	856	13.9	641.50	1658	-14	134.73	255.0	106.6	100	124.5

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2015 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Aug 2014	495	8.1	448.10	582	-3	81.82	120.0	35.2	100	71.2
H	Sep 2014	474	8.0	448.17	583	1	82.36	120.0	33.7	100	70.9
	WY 2014	**6496**							**451.6**		
I	Oct 2014	432	7.0	446.41	550	-33	80.56	91.2	30.8	76	71.3
S	Nov 2014	351	5.9	447.77	576	25	81.18	96.0	24.4	80	69.4
T	Dec 2014	240	3.9	446.36	549	-26	81.87	120.0	15.5	100	64.8
O	Jan 2015	348	5.6	448.22	584	35	82.97	93.6	24.3	78	69.7
R	Feb 2015	473	8.5	447.38	568	-16	81.70	94.8	33.2	79	70.2
I	Mar 2015	707	11.5	447.89	578	10	79.76	108.0	49.6	90	70.2
C	Apr 2015	752	12.6	448.09	582	4	80.20	120.0	52.5	100	69.8
A	May 2015	559	9.1	448.50	590	8	81.62	112.8	39.5	94	70.7
L	Jun 2015	615	10.3	448.89	597	7	79.48	120.0	43.6	100	70.8
*	Jul 2015	592	9.6	447.99	580	-17	81.75	120.0	41.8	100	70.7
	Aug 2015	559	9.1	448.00	580	0	75.37	120.0	36.6	100	65.5
	Sep 2015	524	8.8	447.50	571	-9	75.13	120.0	34.2	100	65.2
	WY 2015	**6152**							**426.0**		
	Oct 2015	485	7.9	447.50	570	0	76.23	91.2	32.0	76	66.0
	Nov 2015	371	6.2	447.50	571	0	75.74	100.8	24.0	84	64.8
	Dec 2015	295	4.8	446.50	552	-19	74.40	120.0	18.5	100	62.7
	Jan 2016	349	5.7	446.50	552	0	75.01	96.0	22.3	80	64.0
	Feb 2016	440	7.7	446.50	552	0	75.13	93.6	28.7	78	65.1
	Mar 2016	731	11.9	446.70	555	4	74.01	120.0	47.5	100	65.0
	Apr 2016	786	13.2	448.70	593	38	75.08	120.0	51.8	100	66.0
	May 2016	706	11.5	448.70	593	0	76.05	120.0	46.9	100	66.5
	Jun 2016	702	11.8	448.70	593	0	76.05	120.0	46.7	100	66.5
	Jul 2016	704	11.4	448.00	580	-13	75.71	120.0	46.6	100	66.2
	Aug 2016	597	9.7	447.50	571	-9	75.13	120.0	39.1	100	65.4
	Sep 2016	542	9.1	447.50	570	0	74.89	120.0	35.3	100	65.1
	WY 2016	**6708**							**439.6**		
	Oct 2016	452	7.4	447.50	571	0	75.74	100.8	29.6	84	65.3
	Nov 2016	369	6.2	447.50	571	0	75.92	97.2	23.9	81	64.9
	Dec 2016	278	4.5	446.50	552	-19	74.40	120.0	17.4	100	62.5
	Jan 2017	347	5.6	446.50	552	0	75.13	93.6	22.2	78	64.1
	Feb 2017	438	7.9	446.50	552	0	74.71	102.0	28.4	85	64.8
	Mar 2017	730	11.9	446.70	555	4	74.01	120.0	47.4	100	65.0
	Apr 2017	784	13.2	448.70	593	38	75.08	120.0	51.7	100	66.0
	May 2017	704	11.4	448.70	593	0	76.05	120.0	46.8	100	66.5
	Jun 2017	700	11.8	448.70	593	0	76.05	120.0	46.6	100	66.5
	Jul 2017	702	11.4	448.00	580	-13	75.71	120.0	46.5	100	66.2

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2201

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2015 24-Month Study

Most Probable Inflow*

Upper Basin Power

	Date	Glen Canyon 1000 MWHR	Flaming Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Reservoir 1000 MWHR	Fontenelle Reservoir 1000 MWHR
*	Aug 2014	353	48	31	37	21	9
H	Sep 2014	266	46	23	29	16	2
	Summer 2014	**1643**	**255**	**169**	**243**	**106**	**37**
I	Oct 2014	264	36	18	17	14	7
S	Nov 2014	281	30	7	7	4	6
T	Dec 2014	377	43	15	19	11	6
O	Jan 2015	373	48	16	20	10	6
R	Feb 2015	254	44	8	10	2	5
I	Mar 2015	278	48	7	9	5	6
	Winter 2015	**1827**	**250**	**72**	**83**	**46**	**37**
C	Apr 2015	256	28	13	17	11	7
A	May 2015	299	65	21	30	18	8
L	Jun 2015	348	40	38	67	21	9
*	Jul 2015	471	42	41	53	22	8
	Aug 2015	322	39	39	46	23	8
	Sep 2015	287	37	37	44	22	3
	Summer 2015	**1984**	**250**	**188**	**257**	**117**	**42**
	Oct 2015	240	39	19	24	13	5
	Nov 2015	239	46	11	13	7	5
	Dec 2015	318	50	30	36	18	5
	Jan 2016	315	49	18	22	12	5
	Feb 2016	255	46	14	18	10	4
	Mar 2016	254	33	8	11	6	4
	Winter 2016	**1621**	**263**	**98**	**125**	**66**	**29**
	Apr 2016	234	31	11	18	10	5
	May 2016	257	48	36	52	23	7
	Jun 2016	325	57	15	25	17	8
	Jul 2016	410	35	30	35	19	10
	Aug 2016	427	35	39	46	23	10
	Sep 2016	323	34	37	44	22	7
	Summer 2016	**1975**	**241**	**169**	**221**	**115**	**45**
	Oct 2016	241	35	18	22	12	6
	Nov 2016	240	34	7	9	5	5
	Dec 2016	319	35	29	36	18	5
	Jan 2017	316	35	25	31	16	5
	Feb 2017	256	31	17	23	11	4
	Mar 2017	255	35	7	11	6	4
	Winter 2017	**1372**	**170**	**96**	**121**	**62**	**25**
	Apr 2017	236	34	11	18	11	5
	May 2017	260	42	34	51	23	7
	Jun 2017	329	82	23	35	22	9
	Jul 2017	417	36	32	39	21	10

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2201

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2015 24-Month Study

Most Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions

Date	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Total KAF	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****CREDITABLE SPACE****										
Aug 2015	254	24	234	11326	11837	17519	29356	254	24	234	511	11326	17519	29356	1500	769	0	31.1
Sep 2015	310	77	271	11596	12254	17465	29719	310	77	271	658	11596	17465	29719	2270	727	0	30.6
Oct 2015	373	148	309	11810	12641	17443	30084	373	148	309	830	11810	17443	30084	3040	535	0	30.3
Nov 2015	430	173	335	11876	12814	17385	30199	430	173	335	938	11876	17385	30199	3810	633	0	30.1
Dec 2015	503	176	337	12018	13035	17420	30455	503	176	337	1016	12018	17420	30455	4580	586	0	30.0
Jan 2016	602	248	343	12335	13529	17172	30701	602	248	343	1193	12335	17172	30701	5350	692	0	29.7
								****EFFECTIVE SPACE****										
Jan 2016	602	248	343	12335	13529	17172	30701	208	248	296	753	12335	17172	30260	5350	692	0	29.7
Feb 2016	696	281	351	12684	14011	17039	31050	302	281	303	886	12684	17039	30608	1500	623	0	29.4
Mar 2016	778	307	351	12880	14316	16974	31289	383	307	303	992	12880	16974	30846	1500	1017	0	29.0
Apr 2016	778	298	314	13045	14435	17304	31739	380	298	259	936	13045	17304	31285	1500	1090	0	28.8
May 2016	746	271	249	12985	14251	17748	32000	341	271	171	783	12985	17748	31517	1500	996	0	29.9
Jun 2016	684	205	154	11770	12813	18095	30907	269	198	38	505	11770	18095	30370	1500	924	0	31.3
Jul 2016	532	28	198	10494	11252	18265	29517	105	-2	29	132	10494	18265	28890	1500	874	0	31.2
								****CREDITABLE SPACE****										
Aug 2016	446	27	226	10755	11454	18172	29625	446	27	226	699	10755	18172	29625	1500	779	0	30.7
Sep 2016	481	94	268	11293	12137	17889	30025	481	94	268	843	11293	17889	30025	2270	718	0	30.3
Oct 2016	536	170	306	11614	12626	17774	30399	536	170	306	1012	11614	17774	30399	3040	478	0	30.1
Nov 2016	583	185	301	11737	12805	17660	30465	583	185	301	1069	11737	17660	30465	3810	623	0	29.9
Dec 2016	629	176	302	11887	12994	17684	30677	629	176	302	1106	11887	17684	30677	4580	552	0	29.8
Jan 2017	690	248	307	12193	13438	17402	30840	690	248	307	1245	12193	17402	30840	5350	699	0	29.6
								****EFFECTIVE SPACE****										
Jan 2017	690	248	307	12193	13438	17402	30840	362	248	176	786	12193	17402	30381	5350	699	0	29.6
Feb 2017	747	307	314	12497	13865	17275	31141	417	307	182	906	12497	17275	30679	1500	627	0	29.4
Mar 2017	790	343	310	12677	14120	17214	31334	458	343	178	979	12677	17214	30870	1500	1025	0	29.1
Apr 2017	788	332	258	12748	14125	17552	31677	451	332	119	902	12748	17552	31202	1500	1098	0	29.1
May 2017	753	297	185	12511	13746	18003	31749	410	297	24	731	12511	18003	31245	1500	1004	0	30.2
Jun 2017	632	207	216	11169	12225	18357	30582	278	201	18	497	11169	18357	30023	1500	931	0	31.7
Jul 2017	480	44	292	9746	10561	18534	29095	112	16	40	168	9746	18534	28448	1500	881	0	31.8

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2201

Processed On: 8/16/2015 8:40:58PM

September 24-Month Study
Date: September 14, 2015

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

Reservoir	August Inflow (unregulated) (acre-feet)	Percent of Average (%)	September 13, Midnight Elevation (feet)	Reservoir Storage (acre-feet)
Fontenelle	53,000	69	6495.63	266,000
Flaming Gorge	56,000	63	6033.25	3,476,000
Blue Mesa	59,000	93	7510.65	751,000
Navajo	15,000	33	6064.52	1,406,000
Powell	312,000	62	3607.70	12,500,000

Expected Operations

The operation of Lake Powell and Lake Mead in this September 2015 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines), and reflects the 2015 Annual Operating Plan (AOP) and the draft 2016 AOP. Pursuant to the Interim Guidelines, the August 2014 24-Month Study projections of the January 1, 2015, system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2015.

Consistent with Section 6.B of the Interim Guidelines, the Lake Powell operational tier for water year 2015 is the Upper Elevation Balancing Tier. The April 2015 24-Month Study projected the end of water year elevation at Lake Powell to be above 3,575 feet and the end of water year elevation at Lake Mead to be below elevation 1,075.0 feet. Therefore, in accordance with Section 6.B.4 of the 2007 Interim Guidelines, Lake Powell operations shifted to "balancing releases" for the remainder of water year 2015. Based on the most probable inflow forecast, this September 24-Month Study projects the balancing release will be 9.0 maf in water year 2015.

Consistent with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar year 2015.

The August 2015 24-Month study projects the January 1, 2016 Lake Powell elevation will be 3,602.46 feet, which is below the 2016 Equalization Elevation of 3,651 feet and above elevation 3,575 feet. Consistent with Section 6.B of the Interim Guidelines, Lake Powell's operations in water year 2016 will be governed by the Upper Elevation Balancing Tier, with an initial water year release volume of 8.23 maf and the potential for an April adjustment to equalization or balancing releases in April 2016. Consistent with Section 6.B.4 of the Interim Guidelines, an April adjustment to balancing releases is currently projected to occur and Lake Powell is projected to release 9.0 maf in water year 2016.

Consistent with the August 2015 24-Month Study and Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar year 2016.

The tier determinations will be documented in the 2016 AOP, which is currently in the final stages of development.

The Interim Guidelines are available for download at:
http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The 2015 AOP is available for download at:
http://www.usbr.gov/uc/water/rsvrs/ops/aop/AOP15.pdf.
The draft 2016 AOP is available for download at
http://www.usbr.gov/lc/region/g4000/AOP2016/AOP16_draft.pdf.

Fontenelle Reservoir – The current reservoir elevation is 6496.4 feet, which amounts to 79 percent of live storage capacity. The total 2015 April-July inflow volume was 768,000 acre-feet (AF), or 106% of average. While the seasonal inflow volume was above average, inflow to Fontenelle for the month of July was only 126,000 AF, or 71 percent of average. Similarly, inflow for the month of August was limited to 53,000 AF, or 69 percent of average. Recent daily inflow averages have ranged from 540 cfs to 650 cfs.

Reservoir releases were reduced to 1,020 cfs on Monday, August 31, 2015. September weather conditions have been relatively warm and dry, and the Colorado Basin River Forecast Center has forecasted late summer inflows that are below average. Depending on observed hydrology, releases may be further reduced to a winter baseflow level below 1,000 cfs.

The next Fontenelle Working Group meeting is scheduled for 10:00 am, April 20, 2016. The meeting will be held at the Seedskadee Wildlife Refuge in Green River, Wyoming. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir.

Flaming Gorge Reservoir – Flaming Gorge Dam is currently releasing an average daily base flow of 1,700 cfs. It is anticipated that releases will remain at 1,700 cfs through October 31, 2015. Base flow releases are subject to observed hydrology and all projections may change.

Unregulated inflow into Flaming Gorge Reservoir during the month of August was 56,000 acre-feet (AF), or 63 percent of average. The reservoir elevation is 6,033.5 feet and decreasing. Observed inflows are averaging 1,700 cubic feet per second (cfs).

Inflows for the next three months are projected to be below average: with September, October and November forecasted inflow volumes at 40,000 AF (73% of average), 46,000 AF (78% of average), and 48,000 AF (94% of average), respectively.

The next Flaming Gorge Working Group meeting is scheduled for April 21, 2016, at 11:00 a.m. to be held in the Utah Department of Natural Resources building in Vernal, Utah. The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stake holders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations and plans presented by Reclamation at these meetings. Meeting notes from past Working Group meetings are posted on the Working Group webpage. For more information on this group and these meetings please contact Peter Crookston at 801-379-1152 or Heather Patno at 801-524-3883.

Aspinall Unit Reservoirs – August unregulated inflow into Blue Mesa Reservoir was 59,000 acre-feet or 93 percent of average. Hydrologic conditions remain favorable across the basin with near average precipitation for the month. June, July, August precipitation was 160, 130, and 90 percent of average respectively. The current inflow rate into Blue Mesa Reservoir is about 900 cfs while reservoir releases are averaging about 1,700 cfs.

Blue Mesa's present elevation is 7511.69 feet, which corresponds to a storage content of about 761,000 acre-feet. The observed April through July runoff into Blue Mesa Reservoir was recorded at 708,000 acre-feet, or 105 percent of average. The Aspinall Unit reservoirs have already been at full capacity during June and nearly full during most of July. This year's peak elevation was recorded on June 20th when the reservoir reached elevation 7519.40 feet and a content of 829,500 acre-feet. Full pool is defined by the top of the spillway gates at elevation 7519.4 feet. Rarely is the reservoir filled to that level due to safety. For practical purposes; the reservoir is considered full at elevations above 7516.4 feet.

Releases from Crystal are currently set at 1800 cfs. The Gunnison Diversion Tunnel is diverting about 1050 cfs, which results in a river flow below the diversion tunnel of approximately 750 cfs. These rates will most likely change as conditions warrant, primarily as we respond to changes at the Whitewater gage as flows prescribed in the Aspinall Unit Operations Record of Decision (ROD). The ROD calls for keeping base flows at the Whitewater gage at or above 1050 cfs during September through April.

The last meeting of the "Aspinall Unit Working Group" was held on Thursday, August 13, 2015 at the Elk Creek Visitors Center at Blue Mesa Reservoir. At this meeting, review of this spring's reservoir operations, and plans for this summer and fall operations were discussed. These meetings are open forum discussions on the Aspinall Unit reservoir operations with many interested groups participating. Anyone needing further information about these meetings should contact Erik Knight in the Grand Junction Area Office at (970) 248-0629.

Navajo Reservoir – Navajo is currently releasing 650 cfs. Releases are made for the authorized purposes of the Navajo Unit, and to attempt to maintain a target base flow through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell). The San Juan River Basin Recovery Implementation Program recommends a target base flow of between 500 cfs and 1,000 cfs through the critical habitat area. The target base flow is calculated as the weekly average of gaged flows throughout the critical habitat area.

Navajo was at 6065.5 feet of pool elevation and 1,419,656 acre-feet of storage by the end of August, which was 102% of average for the end of the month. Modified unregulated inflow into Navajo was 15,257 acre-feet, which was 34% of average for the month. Calculated evaporation for the month was 3,818 acre-ft. NIIP diverted a total of 32,885 acre-ft. The release averaged close to 680 cfs throughout the month. Precipitation at the dam totaled 1.09 inches (58% of average). The April-July inflow total this year was 618,760 acre-feet (84% of average).

As of September 2nd, the release at Navajo (as measured at the USGS at Archuleta gage) was 600 cfs, and the observed inflow is 983 cfs. NIIP is diverting 463 cfs. The reservoir elevation is 6065.5 feet and the content is 1,419,389 acre-feet, or 83% full (73% of Active). The San Juan River at Four Corners USGS gage is at 725 cfs, and the Animas River at Farmington USGS gage is at 189 cfs.

The most probable modified-unregulated inflow forecast for September at Navajo is 20,000 acre-feet (46% of average), for October is 30,000 acre-feet (64% of average), and for November is 29,000 acre-feet (87% of average).

The most probable forecast shows the reservoir will end the water year (Sept 30th) near 6063 feet (1,385,000 acre-feet), and reach a minimum overwinter storage level near 6058 feet (1,324,000 acre-feet) in February of 2016.

Glen Canyon Dam / Lake Powell

Current Status

The unregulated inflow to Lake Powell in August was 314 thousand acre-feet (kaf) (62% of average). The release volume from Glen Canyon Dam in August was 799 kaf. The end of August elevation and storage of Lake Powell were 3,609.1 feet (91 feet from full pool) and 12.6 maf (52% of full capacity), respectively. The April to July 2015 unregulated inflow to Lake Powell was 6.71 million acre-feet (maf) (94% of average).

The reservoir elevation peaked at 3,614 feet on July 14 and is now in its seasonal decline through the fall and winter months.

Current Operations

The operating tier for water year 2015, established in August 2014, is the Upper Elevation Balancing Tier. The April 2015 24-Month Study established that Lake Powell operations will be governed by balancing for the remainder of water year 2015. Based on the most probable inflow forecast, this September 24-Month Study projects a balancing release of 9.0 maf in water year 2015. Reclamation will schedule operations at Glen Canyon Dam to achieve as practicably as possible the appropriate total annual release volume by September 30, 2015.

The operating tier for water year 2016, established in August 2015, is the Upper Elevation Balancing Tier, with an initial water year release volume of 8.23 maf and the potential for an April 2016 adjustment to equalization or balancing releases. Based on the current forecast, an April adjustment to balancing releases is projected to occur and Lake Powell is currently projected to release 9.0 maf in water year 2016. This projection will be updated each month throughout the water year.

In September 2015, the release volume will be approximately 714 thousand acre-feet (kaf), with fluctuations anticipated between approximately 9,000 cfs and 15,000 cfs and consistent with the Glen Canyon Operating Criteria (Federal Register, Volume 62, No. 41, March 3, 1997). The anticipated release volume for October is approximately 600 kaf with daily fluctuations between approximately 7,000 cfs and 13,000 cfs. The expected release for November is 600 kaf with daily fluctuations between approximately 7,000 cfs and 13,000 cfs.

In addition to daily scheduled fluctuations for power generation, the instantaneous releases from Glen Canyon Dam may also fluctuate to provide 40 MW of system regulation. These instantaneous release adjustments stabilize the electrical generation and transmission system and translate to a range of about 1,200 cfs above or below the hourly scheduled release rate. Under system normal conditions, fluctuations for regulation are typically short lived and generally balance out over the hour with minimal or no noticeable impacts on downstream river flow conditions.

Releases from Glen Canyon Dam can also fluctuate beyond scheduled releases when called upon to respond to unscheduled power outages or power system emergencies. Depending on the severity of the system emergency, the response from Glen Canyon Dam can be significant, within the full range of the operating capacity of the power plant for as long as is necessary to maintain balance in the transmission system. Glen Canyon Dam currently maintains 27 MW (approximately 800 cfs) of generation capacity in reserve in order to respond to a system emergency even when generation rates are already high. System emergencies occur fairly infrequently and typically require small responses from Glen Canyon Dam. However, these responses can have a noticeable impact on the river downstream of Glen Canyon Dam.

Inflow Forecasts and Model Projections
The forecast for water year 2016 unregulated inflow to Lake Powell, issued on september 1, 2015, by the Colorado Basin River Forecast Center, projects that the most probable (median) unregulated inflow volume next year will be 9.29 maf (86% of average). There is significant uncertainty regarding next season's snow pack development and resulting runoff into Lake Powell. The forecast ranges from a minimum probable of 6.2 maf (57%) to a maximum probable of 16.5 maf (152%). There is a 10% chance that inflows could be higher than the current maximum probable forecast and a 10% chance that inflows could be lower than the minimum probable forecast.

Based on the current forecast, the September 24-Month Study projects Lake Powell elevation will end water year 2015 near 3,606.5 feet with approximately 12.38 maf in storage (51% capacity) and water year 2016 near 3,607.1 feet with approximately 12.43 maf in storage (52% capacity). Note that projections of elevation and storage for water year 2016 have significant uncertainty at this point in the season. Projections of elevation and storage using the minimum and maximum probable inflow forecast, last updated in August, are 3,585 feet (10.4 maf, 43% capacity) and 3,648 feet (17.0 maf, 70% capacity), respectively. Under these scenarios, there is a 10 percent chance that inflows will be higher, resulting in higher elevation and storage, and 10 percent chance that inflows will be lower, resulting in lower elevation and storage. The annual release volume from Lake Powell during water year 2016 is projected to be 9.0 maf under the minimum and most probable inflow scenarios and 11.4 maf under the maximum probable inflow scenario. There is a chance that inflows could be higher or lower, potentially resulting in releases greater than 11.4 maf or as low as 8.23 maf in water year 2016. The minimum and maximum probable scenarios will be updated again in October.

Upper Colorado River Basin Hydrology
The Upper Colorado River Basin regularly experiences significant year to year hydrologic variability. During the 15-year period 2000 to 2014, however, the unregulated inflow to Lake Powell, which is a good measure of hydrologic conditions in the Colorado River Basin, was above average in only 3 out of the past 15 years. The period 2000-2014 is the lowest 15-year period since the closure of Glen Canyon Dam in 1963, with an average unregulated inflow of 8.39 maf, or 78% of the 30-year average (1981-2010). (For comparison, the 1981-2010 total water year average is 10.83 maf.) The unregulated inflow during the 2000-2014 period has ranged from a low of 2.64 maf (24% of average) in water year 2002 to a high of 15.97 maf (147% of average) in water year 2011. The water year 2014 unregulated inflow volume to Lake Powell was 10.381 maf (96% of average), which, though still below average, was significantly higher than inflows observed in 2012 and 2013 (45% and 47% of average, respectively). Under the current most probable forecast, total water year 2015 unregulated inflows to Lake Powell is projected to be 10.20 maf (94% of average) and total water year 2016 inflows are projected to be 9.29 maf (86% of average).

At the beginning of water year 2015, total system storage in the Colorado River Basin was 30.0 maf (50% of 59.6 maf total system capacity). This is nearly the same as the total storage at the beginning of water year 2014 which began at 29.9 maf (50% of

capacity). Since the beginning of water year 2000, total Colorado Basin storage has experienced year to year increases and decreases in response to wet and dry hydrology, ranging from a high of 94% of capacity at the beginning of 2000 to a low of 50% of capacity at the beginning of water year 2005. One wet year can significantly increase total system reservoir storage, just as persistent dry years can draw down the system storage. Based on current inflow forecasts, the current projected end of water year total Colorado Basin reservoir storage for water year 2015 is approximately 30.36 maf (51% of total system capacity) and for water year 2016 is approximately 29.82 maf (50% of total system capacity). The actual end of water year 2016 system storage may vary from this projection, primarily due to uncertainty regarding next season's snowpack and resulting runoff and reservoir inflow. Based on the August minimum and maximum probable inflow forecasts and modeling, the range of end of water year 2016 total system capacity is approximately 27.2 maf (46%) to 37.3 maf (63%), respectively.

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-430
125 SOUTH STATE STREET, ROOM 6107
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-3709

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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:	Obs			aug	Forecast			Observed	
:	may	jun	jul	aug	%Avg	sep	oct	nov	apr-jul	%Avg
GLDA3:Lake Powell	1613	3389	1072	312	62%:	300/	430/	400/	6713/:	94%
GBRW4:Fontenelle	223	332	126	53	69%:	35/	40/	40/	768/:	106%
GRNU1:Flaming Gorge	333	434	157	56	63%:	40/	46/	48/	1036/:	106%
BMDC2:Blue Mesa	136	368	131	59	93%:	38/	38/	31/	708/:	105%
MPSC2:Morrow Point	151	388	135	60	90%:	40/	40/	32/	753/:	102%
CLSC2:Crystal	164	429	143	63	84%:	45/	44/	36/	821/:	98%
TPIC2:Taylor Park	18.6	61	22	9.7	94%:	7/	6.5/	5.5/	111/:	112%
VCRC2:Vallecito	43	106	37	12.7	64%:	12/	11/	8/	205/:	106%
NVRN5:Navajo	178	285	78	14.7	33%:	20/	30/	29/	621/:	84%
LEMC2:Lemon	10.0	31	7.5	1.99	40%:	2.2/	1.9/	1.3/	53/:	96%
MPHC2:McPhee	75	102	26	5.9	37%:	6.5/	5.7/	5/	226/:	77%
RBSC2:Ridgway	13.9	50	24	10.6	72%:	7/	6.5/	5/	94/:	93%

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2015 24-Month Study

Most Probable Inflow*

Fontenelle Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Sep 2014	69	2	21	66	87	6502.07	314
	WY 2014	**1424**	**15**	**811**	**478**	**1328**		
H	Oct 2014	85	1	80	10	90	6501.37	309
I	Nov 2014	53	1	69	1	69	6499.16	292
S	Dec 2014	51	1	77	0	77	6495.49	265
T	Jan 2015	46	1	77	0	77	6490.98	234
O	Feb 2015	46	1	69	1	69	6487.37	210
R	Mar 2015	70	1	78	0	78	6486.00	201
I	Apr 2015	87	1	102	0	103	6483.35	185
C	May 2015	223	2	104	4	108	6499.95	298
A	Jun 2015	332	3	101	229	330	6499.84	297
L	Jul 2015	126	3	91	17	108	6501.77	312
*	Aug 2015	53	2	83	1	84	6497.37	279
	Sep 2015	35	2	38	20	58	6493.88	255
	WY 2015	**1207**	**16**	**968**	**283**	**1251**		
	Oct 2015	40	1	60	0	60	6490.83	233
	Nov 2015	40	1	58	0	58	6487.94	215
	Dec 2015	32	1	60	0	60	6483.40	186
	Jan 2016	30	1	60	0	60	6477.87	156
	Feb 2016	28	0	56	0	56	6471.85	127
	Mar 2016	45	0	60	0	60	6468.23	112
	Apr 2016	70	1	65	0	65	6469.19	116
	May 2016	135	1	97	8	105	6475.73	145
	Jun 2016	265	2	101	18	119	6498.67	289
	Jul 2016	163	3	101	3	105	6505.89	345
	Aug 2016	62	2	92	0	92	6501.75	312
	Sep 2016	40	2	65	0	65	6498.13	285
	WY 2016	**950**	**14**	**876**	**29**	**905**		
	Oct 2016	44	1	68	0	68	6494.76	261
	Nov 2016	40	1	65	0	65	6491.03	235
	Dec 2016	32	1	68	0	68	6485.43	199
	Jan 2017	30	1	68	0	68	6478.84	161
	Feb 2017	28	0	61	0	61	6471.76	127
	Mar 2017	53	0	68	0	68	6468.11	111
	Apr 2017	85	1	74	0	74	6470.61	122
	May 2017	164	1	99	6	105	6482.29	180
	Jun 2017	299	2	103	64	167	6501.46	310
	Jul 2017	178	3	100	41	141	6505.72	343
	Aug 2017	77	2	100	5	105	6501.86	313

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2015 24-Month Study

Most Probable Inflow*

Flaming Gorge Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	Sep 2014	99	118	11	116	0	116	132	6028.31	3284	170
	WY 2014	**1689**	**1594**	**77**	**945**	**86**	**1032**				**2799**
H	Oct 2014	108	112	7	92	0	92	133	6028.64	3297	159
I	Nov 2014	65	81	4	77	0	77	133	6028.63	3296	134
S	Dec 2014	53	79	2	113	0	113	131	6027.71	3262	164
T	Jan 2015	67	98	2	124	0	124	130	6026.99	3234	171
O	Feb 2015	63	86	2	113	0	113	129	6026.25	3207	168
R	Mar 2015	77	85	3	124	0	124	127	6025.15	3166	219
I	Apr 2015	112	127	5	73	0	73	129	6026.41	3213	252
C	May 2015	333	218	8	169	57	226	129	6026.01	3198	652
A	Jun 2015	434	432	11	100	0	100	141	6034.01	3506	482
L	Jul 2015	157	140	14	104	0	104	142	6034.55	3528	195
*	Aug 2015	56	87	13	104	0	104	141	6033.81	3498	130
	Sep 2015	40	63	12	101	0	101	139	6032.61	3451	110
	WY 2015	**1563**	**1607**	**82**	**1294**	**57**	**1352**				**2836**
	Oct 2015	46	66	8	105	0	105	137	6031.48	3406	126
	Nov 2015	48	66	4	125	0	125	135	6029.92	3346	151
	Dec 2015	34	62	2	135	0	135	132	6028.03	3274	156
	Jan 2016	40	70	2	135	0	135	129	6026.32	3209	154
	Feb 2016	42	70	2	127	0	127	127	6024.80	3153	145
	Mar 2016	90	105	3	75	0	75	128	6025.51	3179	136
	Apr 2016	120	115	5	71	0	71	129	6026.52	3217	251
	May 2016	185	155	8	121	0	121	130	6027.18	3241	591
	Jun 2016	320	174	10	155	0	155	131	6027.41	3250	560
	Jul 2016	190	132	13	92	0	92	132	6028.07	3275	160
	Aug 2016	75	105	13	92	0	92	132	6028.08	3276	110
	Sep 2016	50	75	11	89	0	89	131	6027.45	3252	102
	WY 2016	**1240**	**1195**	**80**	**1323**	**0**	**1323**				**2643**
	Oct 2016	55	79	7	92	0	92	130	6026.91	3232	118
	Nov 2016	50	75	3	89	0	89	129	6026.45	3214	118
	Dec 2016	35	71	2	92	0	92	128	6025.85	3192	118
	Jan 2017	40	78	2	92	0	92	128	6025.43	3176	117
	Feb 2017	45	78	2	83	0	83	128	6025.23	3169	111
	Mar 2017	102	117	3	92	0	92	128	6025.81	3190	169
	Apr 2017	134	122	5	89	0	89	129	6026.54	3217	304
	May 2017	245	186	8	111	0	111	132	6028.25	3282	643
	Jun 2017	390	257	10	223	0	223	133	6028.85	3305	643
	Jul 2017	210	174	14	98	0	98	135	6030.40	3364	198
	Aug 2017	89	117	13	98	0	98	136	6030.53	3370	124

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2015 24-Month Study

Most Probable Inflow*

Taylor Park Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Sep 2014	10	14	9314.21	77
	WY 2014	**161**	**154**		
H	Oct 2014	10	8	9315.40	79
I	Nov 2014	7	6	9315.85	80
S	Dec 2014	6	6	9315.74	79
T	Jan 2015	6	6	9315.48	79
O	Feb 2015	4	5	9314.94	78
R	Mar 2015	7	6	9315.31	79
I	Apr 2015	9	6	9317.32	82
C	May 2015	19	10	9321.95	91
A	Jun 2015	61	49	9328.14	102
L	Jul 2015	22	29	9324.75	96
*	Aug 2015	10	23	9317.56	83
	Sep 2015	7	18	9311.05	72
	WY 2015	**166**	**172**		
	Oct 2015	6	8	9309.80	70
	Nov 2015	6	6	9309.80	70
	Dec 2015	5	6	9309.16	69
	Jan 2016	4	6	9307.88	67
	Feb 2016	3	6	9305.90	64
	Mar 2016	4	6	9304.55	62
	Apr 2016	7	6	9305.23	63
	May 2016	25	8	9315.84	80
	Jun 2016	40	18	9327.69	102
	Jul 2016	14	20	9324.61	96
	Aug 2016	8	18	9319.24	86
	Sep 2016	6	14	9314.67	78
	WY 2016	**128**	**122**		
	Oct 2016	6	12	9310.94	71
	Nov 2016	5	6	9310.19	70
	Dec 2016	5	6	9309.35	69
	Jan 2017	4	6	9308.30	67
	Feb 2017	4	6	9306.86	65
	Mar 2017	4	6	9305.83	63
	Apr 2017	9	6	9307.65	66
	May 2017	28	14	9316.38	81
	Jun 2017	42	22	9327.01	100
	Jul 2017	20	22	9326.06	98
	Aug 2017	10	20	9320.94	89

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2015 24-Month Study

Most Probable Inflow*

Blue Mesa Reservoir

	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Sep 2014	48	52	1	81	0	81	7492.28	599
	WY 2014	**1145**	**1138**	**8**	**708**	**145**	**879**		
H	Oct 2014	55	53	1	64	0	64	7490.77	587
I	Nov 2014	37	36	0	27	0	27	7491.85	596
S	Dec 2014	34	34	0	55	0	55	7489.11	574
T	Jan 2015	30	30	0	58	0	58	7485.48	547
O	Feb 2015	28	29	0	29	0	29	7485.47	547
R	Mar 2015	54	53	0	26	0	26	7488.96	573
I	Apr 2015	73	70	1	45	0	45	7492.04	597
C	May 2015	136	128	1	71	0	71	7498.96	653
A	Jun 2015	368	356	1	125	62	192	7517.76	815
L	Jul 2015	131	137	2	135	10	145	7516.74	806
*	Aug 2015	59	73	1	105	0	105	7512.97	772
	Sep 2015	38	49	1	120	0	120	7504.62	700
	WY 2015	**1042**	**1046**	**9**	**860**	**72**	**937**		
	Oct 2015	38	40	1	76	0	76	7500.30	664
	Nov 2015	31	31	0	48	0	48	7498.19	647
	Dec 2015	27	28	0	93	0	93	7490.00	581
	Jan 2016	24	26	0	60	0	60	7485.55	547
	Feb 2016	21	24	0	48	0	48	7482.31	523
	Mar 2016	32	34	0	29	0	29	7482.93	528
	Apr 2016	66	65	1	41	0	41	7486.03	551
	May 2016	195	178	1	121	0	121	7493.25	607
	Jun 2016	250	228	1	51	0	51	7514.16	782
	Jul 2016	90	96	2	92	0	92	7514.44	785
	Aug 2016	50	60	1	125	0	125	7506.85	719
	Sep 2016	38	46	1	114	0	114	7498.58	650
	WY 2016	**862**	**856**	**9**	**898**	**0**	**898**		
	Oct 2016	38	44	1	53	0	53	7497.46	641
	Nov 2016	31	32	0	23	0	23	7498.57	650
	Dec 2016	26	27	0	95	0	95	7490.00	581
	Jan 2017	24	26	0	85	0	85	7482.20	522
	Feb 2017	22	25	0	60	0	60	7477.30	487
	Mar 2017	36	38	0	26	0	26	7478.86	498
	Apr 2017	77	74	1	39	0	39	7483.57	532
	May 2017	221	207	1	116	0	116	7495.16	622
	Jun 2017	261	241	1	76	0	76	7514.56	786
	Jul 2017	117	119	2	101	0	101	7516.40	803
	Aug 2017	63	73	1	122	0	122	7510.76	752

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2015 24-Month Study

Most Probable Inflow*

Morrow Point Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Sep 2014	49	81	1	82	82	0	82	7153.75	112
	WY 2014	**1215**	**879**	**70**	**949**	**782**	**73**	**949**		
H	Oct 2014	56	64	1	65	49	0	68	7149.96	109
I	Nov 2014	38	27	2	29	23	0	26	7154.03	112
S	Dec 2014	35	55	1	56	56	0	56	7153.68	112
T	Jan 2015	30	58	1	58	60	0	60	7152.01	111
O	Feb 2015	29	29	1	30	31	0	31	7151.25	110
R	Mar 2015	56	26	3	29	28	0	28	7151.69	110
I	Apr 2015	79	45	6	50	51	0	51	7150.61	110
C	May 2015	151	71	15	86	84	0	84	7153.24	112
A	Jun 2015	388	192	20	212	188	0	211	7154.42	113
L	Jul 2015	135	145	3	148	148	0	148	7154.93	113
*	Aug 2015	60	105	0	105	106	0	106	7153.74	112
	Sep 2015	40	120	2	122	122	0	122	7153.73	112
	WY 2015	**1096**	**937**	**55**	**992**	**946**	**0**	**991**		
	Oct 2015	40	76	2	78	78	0	78	7153.73	112
	Nov 2015	32	48	1	49	49	0	49	7153.73	112
	Dec 2015	28	93	1	94	94	0	94	7153.73	112
	Jan 2016	26	60	2	62	62	0	62	7153.73	112
	Feb 2016	23	48	2	50	50	0	50	7153.73	112
	Mar 2016	34	29	2	31	31	0	31	7153.73	112
	Apr 2016	75	41	9	50	50	0	50	7153.73	112
	May 2016	215	121	20	141	141	0	141	7153.73	112
	Jun 2016	265	51	15	66	66	0	66	7153.73	112
	Jul 2016	94	92	4	96	96	0	96	7153.73	112
	Aug 2016	52	125	2	127	127	0	127	7153.73	112
	Sep 2016	40	114	2	116	116	0	116	7153.73	112
	WY 2016	**924**	**898**	**62**	**960**	**960**	**0**	**960**		
	Oct 2016	40	53	2	55	55	0	55	7153.73	112
	Nov 2016	33	23	2	25	25	0	25	7153.73	112
	Dec 2016	28	95	2	97	97	0	97	7153.73	112
	Jan 2017	27	85	2	87	87	0	87	7153.73	112
	Feb 2017	25	60	3	63	63	0	63	7153.73	112
	Mar 2017	40	26	4	30	30	0	30	7153.73	112
	Apr 2017	88	39	11	50	50	0	50	7153.73	112
	May 2017	247	116	26	142	142	0	142	7153.73	112
	Jun 2017	281	76	20	96	96	0	96	7153.73	112
	Jul 2017	123	101	6	107	107	0	107	7153.73	112
	Aug 2017	67	122	3	125	125	0	125	7153.73	112

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2015 24-Month Study

Most Probable Inflow*

Crystal Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
*	Sep 2014	53	82	4	86	84	3	87	6747.57	15	62	26
	WY 2014	**1337**	**949**	**123**	**1071**	**690**	**187**	**1071**			**374**	**738**
H	Oct 2014	61	68	5	73	74	0	74	6745.88	15	48	27
I	Nov 2014	43	26	5	30	29	0	30	6748.06	16	0	29
S	Dec 2014	39	56	5	61	61	0	61	6746.42	15	1	62
T	Jan 2015	35	60	5	64	55	9	64	6746.05	15	1	65
O	Feb 2015	34	31	4	35	11	22	33	6751.96	17	0	34
R	Mar 2015	63	28	6	35	35	0	35	6752.00	17	1	34
I	Apr 2015	85	51	7	58	58	0	58	6751.65	17	37	21
C	May 2015	164	84	13	97	90	6	96	6752.09	17	62	36
A	Jun 2015	429	211	41	253	110	78	252	6755.80	18	55	205
L	Jul 2015	143	148	9	156	114	44	158	6751.21	16	65	95
*	Aug 2015	63	106	4	110	110	0	111	6749.17	16	65	47
	Sep 2015	45	122	5	127	126	0	126	6753.04	17	55	71
	WY 2015	**1205**	**991**	**108**	**1099**	**873**	**160**	**1097**			**390**	**727**
	Oct 2015	44	78	4	82	82	0	82	6753.04	17	30	52
	Nov 2015	36	49	4	53	53	0	53	6753.04	17	0	53
	Dec 2015	32	94	4	98	98	0	98	6753.04	17	0	98
	Jan 2016	30	62	4	66	66	0	66	6753.04	17	0	66
	Feb 2016	26	50	3	53	53	0	53	6753.04	17	0	53
	Mar 2016	39	31	5	36	36	0	36	6753.04	17	5	31
	Apr 2016	85	50	10	60	60	0	60	6753.04	17	30	30
	May 2016	240	141	25	166	134	32	166	6753.04	17	55	111
	Jun 2016	295	66	30	96	96	0	96	6753.04	17	60	36
	Jul 2016	100	96	6	102	102	0	102	6753.04	17	65	37
	Aug 2016	58	127	6	133	133	0	133	6753.04	17	65	68
	Sep 2016	45	116	5	121	121	0	121	6753.04	17	55	66
	WY 2016	**1030**	**960**	**106**	**1066**	**1034**	**32**	**1066**			**365**	**700**
	Oct 2016	46	55	5	60	60	0	60	6753.04	17	30	30
	Nov 2016	38	25	4	29	29	0	29	6753.04	17	0	29
	Dec 2016	32	97	5	102	102	0	102	6753.04	17	0	102
	Jan 2017	31	87	5	92	92	0	92	6753.04	17	0	92
	Feb 2017	29	63	4	66	66	0	66	6753.04	17	0	66
	Mar 2017	46	30	6	36	36	0	36	6753.04	17	5	31
	Apr 2017	101	50	12	63	63	0	63	6753.04	17	30	33
	May 2017	281	142	34	176	134	42	176	6753.04	17	55	121
	Jun 2017	315	96	34	130	130	0	130	6753.04	17	60	70
	Jul 2017	138	107	14	121	121	0	121	6753.04	17	65	56
	Aug 2017	75	125	8	134	134	0	134	6753.04	17	65	69

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2015 24-Month Study

Most Probable Inflow*

Vallecito Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Sep 2014	22	28	7642.43	70
	WY 2014	**238**	**229**		
H	Oct 2014	23	5	7650.16	87
I	Nov 2014	10	3	7652.74	94
S	Dec 2014	6	4	7653.53	96
T	Jan 2015	6	5	7654.18	97
O	Feb 2015	7	4	7655.19	100
R	Mar 2015	13	12	7655.67	101
I	Apr 2015	19	11	7658.49	108
C	May 2015	43	31	7662.94	120
A	Jun 2015	106	103	7664.05	123
L	Jul 2015	37	42	7661.73	117
*	Aug 2015	13	35	7652.83	94
	Sep 2015	12	30	7645.32	76
	WY 2015	**295**	**285**		
	Oct 2015	11	17	7642.46	70
	Nov 2015	8	1	7645.32	76
	Dec 2015	6	2	7647.22	80
	Jan 2016	5	2	7648.65	84
	Feb 2016	4	1	7649.69	86
	Mar 2016	6	2	7651.45	90
	Apr 2016	18	1	7657.91	107
	May 2016	67	51	7663.93	123
	Jun 2016	66	66	7663.76	122
	Jul 2016	26	41	7657.65	106
	Aug 2016	18	38	7649.53	86
	Sep 2016	15	29	7643.22	71
	WY 2016	**250**	**251**		
	Oct 2016	14	16	7642.10	69
	Nov 2016	8	1	7645.13	76
	Dec 2016	6	2	7647.18	80
	Jan 2017	5	2	7648.79	84
	Feb 2017	5	1	7650.15	87
	Mar 2017	9	2	7652.96	94
	Apr 2017	23	1	7661.37	116
	May 2017	71	64	7663.93	123
	Jun 2017	70	70	7663.88	122
	Jul 2017	29	42	7658.91	109
	Aug 2017	20	38	7651.57	91

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2015 24-Month Study

Most Probable Inflow*

Navajo Reservoir

	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azetea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Farmington Flow (1000 Ac-Ft)
*	Sep 2014	39	1	47	2	22	31	6036.99	1081	61
	WY 2014	**696**	**62**	**626**	**23**	**203**	**253**			**754**
H	Oct 2014	68	1	46	1	7	21	6038.47	1096	65
I	Nov 2014	28	0	21	1	0	21	6038.43	1096	46
S	Dec 2014	19	0	17	1	0	21	6037.94	1091	44
T	Jan 2015	23	0	21	1	0	21	6037.90	1090	40
O	Feb 2015	28	1	25	1	0	18	6038.43	1096	42
R	Mar 2015	87	7	79	1	3	20	6043.43	1150	55
I	Apr 2015	80	8	63	2	20	21	6045.22	1170	38
C	May 2015	178	24	144	3	23	21	6053.44	1267	93
A	Jun 2015	285	38	241	4	20	21	6068.60	1461	262
L	Jul 2015	76	9	72	5	39	27	6068.68	1462	91
*	Aug 2015	15	1	36	4	33	43	6065.47	1419	63
	Sep 2015	20	0	37	3	21	46	6062.96	1386	67
	WY 2015	**905**	**90**	**801**	**27**	**167**	**303**			**907**
	Oct 2015	30	1	35	2	43	25	6060.35	1352	46
	Nov 2015	29	0	22	1	6	24	6059.70	1344	40
	Dec 2015	22	0	18	1	0	25	6059.09	1336	38
	Jan 2016	19	0	16	1	0	25	6058.32	1327	37
	Feb 2016	24	0	21	1	0	23	6058.12	1324	34
	Mar 2016	65	2	59	2	5	25	6060.30	1352	42
	Apr 2016	133	14	102	3	20	24	6064.61	1408	68
	May 2016	270	40	214	4	34	106	6069.81	1478	250
	Jun 2016	189	33	156	4	49	152	6066.18	1429	282
	Jul 2016	50	7	59	5	53	36	6063.55	1394	89
	Aug 2016	35	1	53	4	44	47	6060.35	1352	80
	Sep 2016	34	1	48	3	24	41	6058.74	1332	67
	WY 2016	**900**	**99**	**802**	**28**	**277**	**552**			**1072**
	Oct 2016	40	2	41	2	9	25	6059.23	1338	49
	Nov 2016	31	1	24	1	0	24	6059.14	1337	41
	Dec 2016	25	0	20	1	0	25	6058.74	1332	40
	Jan 2017	22	0	18	1	0	25	6058.17	1325	38
	Feb 2017	30	0	27	1	0	22	6058.47	1329	35
	Mar 2017	92	2	83	2	5	25	6062.55	1381	47
	Apr 2017	170	15	133	3	20	24	6069.08	1468	76
	May 2017	277	41	229	4	34	97	6075.75	1562	243
	Jun 2017	224	33	190	5	49	161	6074.02	1537	313
	Jul 2017	66	7	71	5	53	33	6072.67	1518	100
	Aug 2017	45	2	62	4	45	43	6070.50	1487	82

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2015 24-Month Study

Most Probable Inflow*

Lake Powell

	Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry Gage (1000 Ac-Ft)
*	Sep 2014	511	622	48	604	0	604	3605.53	5037	12286	619
	WY 2014	**10381**	**9287**	**347**	**7337**	**143**	**7480**				**7568**
H	Oct 2014	716	636	34	598	0	598	3605.57	5037	12290	613
I	Nov 2014	423	420	32	645	132	777	3601.87	5008	11929	780
S	Dec 2014	409	465	25	864	0	864	3597.75	4977	11537	880
T	Jan 2015	348	449	8	862	0	862	3593.57	4945	11147	878
O	Feb 2015	424	464	8	589	0	589	3592.23	4936	11024	595
R	Mar 2015	552	543	14	649	0	649	3591.02	4927	10913	656
I	Apr 2015	639	539	21	600	0	600	3590.18	4921	10837	610
C	May 2015	1613	1431	25	699	0	699	3597.27	4973	11491	708
A	Jun 2015	3389	2570	44	800	0	800	3613.54	5101	13090	801
L	Jul 2015	1072	1002	55	1048	0	1048	3612.62	5093	12996	1079
*	Aug 2015	314	466	54	799	0	799	3609.07	5065	12637	821
	Sep 2015	300	490	49	714	0	714	3606.53	5044	12384	726
	WY 2015	**10199**	**9475**	**368**	**8868**	**132**	**9000**				**9148**
	Oct 2015	430	564	34	600	0	600	3605.88	5039	12320	609
	Nov 2015	400	495	32	600	0	600	3604.58	5029	12193	606
	Dec 2015	300	470	25	800	0	800	3601.19	5003	11864	806
	Jan 2016	290	427	8	800	0	800	3597.48	4975	11511	809
	Feb 2016	330	441	8	650	0	650	3595.33	4958	11310	655
	Mar 2016	530	478	14	650	0	650	3593.47	4945	11138	656
	Apr 2016	820	671	22	600	0	600	3593.97	4948	11184	610
	May 2016	2140	1912	27	650	0	650	3605.95	5040	12327	658
	Jun 2016	2550	2230	46	800	0	800	3618.54	5142	13609	809
	Jul 2016	830	780	56	1000	0	1000	3616.09	5122	13353	1015
	Aug 2016	350	500	55	1050	0	1050	3610.62	5077	12793	1067
	Sep 2016	320	467	49	800	0	800	3607.08	5049	12439	813
	WY 2016	**9290**	**9435**	**376**	**9000**	**0**	**9000**				**9113**
	Oct 2016	438	484	34	600	0	600	3605.68	5038	12301	609
	Nov 2016	439	464	32	600	0	600	3604.09	5025	12145	606
	Dec 2016	363	489	25	800	0	800	3600.87	5000	11833	806
	Jan 2017	361	476	8	800	0	800	3597.64	4976	11526	809
	Feb 2017	393	461	8	650	0	650	3595.70	4961	11344	655
	Mar 2017	665	585	14	650	0	650	3594.91	4955	11271	656
	Apr 2017	1056	861	22	600	0	600	3597.28	4973	11492	610
	May 2017	2343	1998	28	650	0	650	3609.85	5071	12715	658
	Jun 2017	2666	2334	47	800	0	800	3623.08	5181	14092	809
	Jul 2017	1091	990	59	1000	0	1000	3622.48	5176	14028	1015
	Aug 2017	500	613	58	1050	0	1050	3618.17	5139	13570	1067

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2015 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Glen Release (1000 Ac-Ft)	Side Inflow Glen to Hoover (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Sep 2014	604	140	58	686	11.5	19	684	658	1081.33	10121
	WY 2014	**7480**	**677**	**567**	**9759**		**216**	**9716**			
H	Oct 2014	598	68	43	472	7.7	21	461	666	1082.79	10244
I	Nov 2014	777	44	43	695	11.7	13	692	670	1083.57	10309
S	Dec 2014	864	56	37	493	8.0	8	492	693	1087.79	10667
T	Jan 2015	862	73	31	832	13.5	6	832	697	1088.51	10729
O	Feb 2015	589	90	28	600	10.8	8	599	700	1088.98	10769
R	Mar 2015	649	57	31	1034	16.8	14	1033	677	1084.87	10419
I	Apr 2015	600	26	38	1087	18.3	20	1086	646	1079.03	9931
C	May 2015	699	25	43	871	14.2	25	862	632	1076.57	9729
A	Jun 2015	800	16	52	868	14.6	25	868	624	1075.08	9607
L	Jul 2015	1048	80	65	767	12.5	28	766	641	1078.15	9858
*	Aug 2015	799	115	70	803	13.1	27	802	642	1078.31	9871
	Sep 2015	714	114	58	759	12.8	19	759	641	1078.21	9863
	WY 2015	**9000**	**764**	**540**	**9282**		**217**	**9253**			
	Oct 2015	600	61	42	609	9.9	24	609	640	1078.06	9851
	Nov 2015	600	50	42	622	10.5	14	622	639	1077.74	9824
	Dec 2015	800	96	36	512	8.3	11	512	659	1081.56	10141
	Jan 2016	800	72	30	692	11.3	8	692	668	1083.16	10274
	Feb 2016	650	77	28	623	10.8	7	623	672	1083.93	10339
	Mar 2016	650	61	31	1017	16.5	15	1017	651	1079.98	10009
	Apr 2016	600	76	38	1090	18.3	21	1090	622	1074.55	9565
	May 2016	650	49	43	996	16.2	29	996	599	1070.24	9219
	Jun 2016	800	23	51	924	15.5	30	924	588	1068.09	9049
	Jul 2016	1000	67	63	874	14.2	31	874	594	1069.27	9142
	Aug 2016	1050	127	68	779	12.7	29	779	613	1072.82	9425
	Sep 2016	800	114	56	718	12.1	16	718	620	1074.25	9540
	WY 2016	**9000**	**874**	**527**	**9457**		**233**	**9457**			
	Oct 2016	600	61	41	478	7.8	20	478	628	1075.66	9655
	Nov 2016	600	50	41	623	10.5	11	623	626	1075.37	9631
	Dec 2016	800	96	36	552	9.0	7	552	644	1078.81	9913
	Jan 2017	800	72	30	699	11.4	8	699	653	1080.34	10039
	Feb 2017	650	77	27	627	11.3	7	627	657	1081.08	10101
	Mar 2017	650	61	31	1025	16.7	15	1025	635	1076.98	9763
	Apr 2017	600	76	37	1098	18.5	21	1098	605	1071.40	9311
	May 2017	650	49	42	1004	16.3	30	1004	582	1066.94	8958
	Jun 2017	800	23	50	931	15.7	30	931	571	1064.67	8782
	Jul 2017	1000	67	62	881	14.3	31	881	576	1065.79	8868
	Aug 2017	1050	127	67	786	12.8	29	786	594	1069.32	9146

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2015 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Sep 2014	686	-6	18	727	0	727	12.2	641.03	1645
	WY 2014	**9759**	**-139**	**198**	**9400**	**0**	**9400**			
H	Oct 2014	472	10	15	642	0	642	10.4	634.40	1470
I	Nov 2014	695	-6	10	629	0	629	10.6	636.32	1520
S	Dec 2014	493	-2	9	445	0	445	7.2	637.75	1558
T	Jan 2015	832	-22	10	660	0	660	10.7	642.98	1698
O	Feb 2015	600	-8	10	625	0	625	11.3	641.43	1656
R	Mar 2015	1034	-21	13	963	0	963	15.7	642.78	1693
I	Apr 2015	1087	-21	17	1022	3	1019	17.1	643.88	1723
C	May 2015	871	-10	22	829	0	854	13.9	643.30	1707
A	Jun 2015	868	-19	26	810	0	810	13.6	643.81	1721
L	Jul 2015	767	-13	25	763	0	763	12.4	642.57	1687
*	Aug 2015	803	-16	23	750	0	776	12.6	642.12	1675
	Sep 2015	759	-6	18	792	0	792	13.3	640.01	1617
	WY 2015	**9282**	**-133**	**198**	**8930**	**3**	**8979**			
	Oct 2015	609	1	15	701	0	701	11.4	636.00	1512
	Nov 2015	622	-11	10	548	0	548	9.2	638.00	1564
	Dec 2015	512	-12	9	472	0	472	7.7	638.71	1583
	Jan 2016	692	-13	10	586	0	586	9.5	641.80	1666
	Feb 2016	623	-13	10	600	0	600	10.4	641.80	1666
	Mar 2016	1017	-15	13	955	0	955	15.5	643.05	1700
	Apr 2016	1090	-19	17	1056	0	1056	17.8	643.00	1699
	May 2016	996	-15	22	959	0	959	15.6	643.00	1699
	Jun 2016	924	-17	25	909	0	909	15.3	642.00	1671
	Jul 2016	874	-13	25	849	0	849	13.8	641.50	1658
	Aug 2016	779	-10	23	746	0	746	12.1	641.50	1658
	Sep 2016	718	-6	18	734	0	734	12.3	640.01	1617
	WY 2016	**9457**	**-143**	**197**	**9116**	**0**	**9116**			
	Oct 2016	478	1	15	648	0	648	10.5	633.00	1434
	Nov 2016	623	-11	10	551	0	551	9.3	635.00	1486
	Dec 2016	552	-12	9	434	0	434	7.1	638.71	1583
	Jan 2017	699	-13	10	594	0	594	9.7	641.80	1666
	Feb 2017	627	-13	10	604	0	604	10.9	641.80	1666
	Mar 2017	1025	-15	13	963	0	963	15.7	643.05	1700
	Apr 2017	1098	-19	17	1064	0	1064	17.9	643.00	1699
	May 2017	1004	-15	22	967	0	967	15.7	643.00	1699
	Jun 2017	931	-17	25	916	0	916	15.4	642.00	1671
	Jul 2017	881	-13	25	856	0	856	13.9	641.50	1658
	Aug 2017	786	-10	23	753	0	753	12.2	641.50	1658

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2015 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	Sep 2014	727	13	15	474	8.0	102	140	448.17	583	90	1.5
	WY 2014	**9400**	**169**	**140**	**6497**		**1137**	**1685**			**1587**	
H	Oct 2014	642	16	12	432	7.0	105	135	446.41	550	65	1.1
I	Nov 2014	629	9	9	351	5.9	102	147	447.77	576	89	1.5
S	Dec 2014	445	18	7	240	3.9	109	132	446.36	549	98	1.6
T	Jan 2015	660	17	6	348	5.7	105	180	448.22	584	146	2.4
O	Feb 2015	625	9	8	473	8.5	54	109	447.38	568	172	3.1
R	Mar 2015	963	3	9	707	11.5	86	146	447.89	578	219	3.6
I	Apr 2015	1019	16	11	752	12.6	104	154	448.09	582	210	3.5
C	May 2015	854	21	13	559	9.1	108	177	448.50	590	113	1.8
A	Jun 2015	810	19	16	615	10.3	104	77	448.89	597	109	1.8
L	Jul 2015	763	17	17	592	9.6	107	70	447.99	580	107	1.7
*	Aug 2015	776	15	17	580	9.4	107	70	448.30	586	93	1.5
	Sep 2015	792	23	15	528	8.9	104	168	447.80	576	89	1.5
	WY 2015	**8979**	**183**	**140**	**6177**		**1195**	**1566**			**1510**	
	Oct 2015	701	25	12	482	7.8	108	117	447.80	576	58	1.0
	Nov 2015	548	27	9	367	6.2	76	124	447.50	571	92	1.6
	Dec 2015	472	21	7	292	4.8	80	129	446.50	552	104	1.7
	Jan 2016	586	18	6	347	5.6	80	166	446.50	552	130	2.1
	Feb 2016	600	11	8	438	7.6	74	85	446.50	552	161	2.8
	Mar 2016	955	15	9	729	11.9	80	139	446.70	555	205	3.3
	Apr 2016	1056	23	11	784	13.2	77	161	448.70	593	205	3.4
	May 2016	959	17	13	704	11.4	80	167	448.70	593	113	1.8
	Jun 2016	909	15	16	700	11.8	77	117	448.70	593	111	1.9
	Jul 2016	849	29	17	702	11.4	80	79	448.00	580	119	1.9
	Aug 2016	746	27	17	595	9.7	80	78	447.50	571	100	1.6
	Sep 2016	734	23	15	540	9.1	77	116	447.50	570	89	1.5
	WY 2016	**9116**	**252**	**139**	**6682**		**968**	**1477**			**1489**	
	Oct 2016	648	25	12	450	7.3	80	123	447.50	571	55	0.9
	Nov 2016	551	27	9	367	6.2	77	120	447.50	571	103	1.7
	Dec 2016	434	21	7	276	4.5	80	107	446.50	552	108	1.7
	Jan 2017	594	18	6	347	5.6	79	174	446.50	552	130	2.1
	Feb 2017	604	11	8	438	7.9	70	93	446.50	552	161	2.9
	Mar 2017	963	15	9	730	11.9	79	147	446.70	555	205	3.3
	Apr 2017	1064	23	11	784	13.2	76	169	448.70	593	205	3.4
	May 2017	967	17	13	704	11.4	79	175	448.70	593	113	1.8
	Jun 2017	916	15	16	700	11.8	76	126	448.70	593	111	1.9
	Jul 2017	856	29	17	702	11.4	79	87	448.00	580	119	1.9
	Aug 2017	753	27	17	595	9.7	79	86	447.50	571	100	1.6

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2015 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Sep 2014	686	11.5	1081.33	10121	-18	437.59	1493.0	262.1	94	382.2
	WY 2014	**9759**							**3910.2**		
H	Oct 2014	472	7.7	1082.79	10244	122	442.74	1282.0	180.0	81	381.5
I	Nov 2014	695	11.7	1083.57	10309	65	437.62	1079.0	270.7	68	389.5
S	Dec 2014	493	8.0	1087.79	10667	358	446.86	889.0	189.0	55	383.3
T	Jan 2015	832	13.5	1088.51	10729	62	441.51	1018.0	333.5	63	400.6
O	Feb 2015	600	10.8	1088.98	10769	40	444.73	848.0	239.1	52	398.4
R	Mar 2015	1034	16.8	1084.87	10419	-350	440.21	952.0	412.2	60	398.7
I	Apr 2015	1087	18.3	1079.03	9931	-488	430.55	1217.0	427.4	76	393.2
C	May 2015	869	14.1	1076.57	9729	-202	432.58	1165.0	337.2	74	388.2
A	Jun 2015	868	14.6	1075.08	9607	-121	427.78	1573.0	332.0	100	382.4
L	Jul 2015	767	12.5	1078.15	9858	251	432.42	1455.0	292.7	94	381.4
*	Aug 2015	803	13.1	1078.31	9871	13	434.75	1451.0	307.8	93	383.4
	Sep 2015	759	12.8	1078.21	9863	-8	426.06	1563.0	291.4	100	383.8
	WY 2015	**9280**							**3613.1**		
	Oct 2015	609	9.9	1078.06	9851	-13	431.24	1086.0	235.4	69	386.7
	Nov 2015	622	10.5	1077.74	9824	-26	430.46	1260.0	240.6	80	386.7
	Dec 2015	512	8.3	1081.56	10141	316	431.95	1180.0	199.2	74	389.2
	Jan 2016	692	11.3	1083.16	10274	133	435.47	880.0	273.9	55	395.9
	Feb 2016	623	10.8	1083.93	10339	65	435.62	885.0	245.3	55	393.8
	Mar 2016	1017	16.5	1079.98	10009	-330	431.86	1133.0	400.8	72	394.0
	Apr 2016	1090	18.3	1074.55	9565	-444	425.50	1300.0	424.7	84	389.4
	May 2016	996	16.2	1070.24	9219	-346	418.99	1523.0	371.5	100	372.9
	Jun 2016	924	15.5	1068.09	9049	-170	416.12	1511.0	346.6	100	375.1
	Jul 2016	874	14.2	1069.27	9142	93	416.12	1518.0	331.3	100	379.1
	Aug 2016	779	12.7	1072.82	9425	283	418.63	1538.0	293.4	100	376.9
	Sep 2016	718	12.1	1074.25	9540	115	421.58	1546.0	271.1	100	377.4
	WY 2016	**9457**							**3633.9**		
	Oct 2016	478	7.8	1075.66	9655	114	426.51	1348.0	182.0	87	380.7
	Nov 2016	623	10.5	1075.37	9631	-24	429.25	1362.0	239.9	88	384.8
	Dec 2016	552	9.0	1078.81	9913	282	432.24	896.0	212.9	57	385.4
	Jan 2017	699	11.4	1080.34	10039	126	431.84	998.0	272.9	63	390.4
	Feb 2017	627	11.3	1081.08	10101	61	432.80	869.3	246.7	55	393.7
	Mar 2017	1025	16.7	1076.98	9763	-338	428.95	1111.8	401.7	72	391.8
	Apr 2017	1098	18.5	1071.40	9311	-451	422.45	1274.8	424.8	84	386.9
	May 2017	1004	16.3	1066.94	8958	-353	415.80	1492.8	371.8	100	370.3
	Jun 2017	931	15.7	1064.67	8782	-177	412.79	1480.0	346.7	100	372.3
	Jul 2017	881	14.3	1065.79	8868	87	412.71	1486.3	331.4	100	376.1
	Aug 2017	786	12.8	1069.32	9146	277	415.17	1506.2	293.9	100	374.1

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2205

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2015 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Sep 2014	727	12.2	641.03	1645	-65	138.41	255.0	91.5	100	126.0
	WY 2014	**9400**							**1175.6**		
H	Oct 2014	642	10.4	634.40	1470	-175	134.93	191.3	72.3	75	112.7
I	Nov 2014	629	10.6	636.32	1520	50	136.47	158.1	74.4	62	118.2
S	Dec 2014	445	7.2	637.75	1558	37	134.54	165.8	52.7	65	118.4
T	Jan 2015	660	10.7	642.98	1698	141	141.44	163.2	82.8	64	125.4
O	Feb 2015	625	11.3	641.43	1656	-42	140.07	188.7	79.9	74	127.8
R	Mar 2015	963	15.7	642.78	1693	37	139.75	229.5	123.2	90	128.0
I	Apr 2015	1022	17.2	643.88	1723	30	141.00	255.0	129.5	100	126.8
C	May 2015	829	13.9	643.30	1707	-16	141.92	252.5	110.0	99	132.6
A	Jun 2015	810	13.6	643.81	1721	14	144.85	255.0	104.6	100	129.1
L	Jul 2015	763	12.4	642.57	1687	-34	140.97	255.0	98.4	100	128.9
*	Aug 2015	750	12.6	642.12	1675	-12	142.40	255.0	97.0	100	129.3
	Sep 2015	792	13.3	640.01	1617	-57	134.01	255.0	98.3	100	124.1
	WY 2015	**8930**							**1123.1**		
	Oct 2015	701	11.4	636.00	1512	-106	132.35	201.5	85.5	79	122.0
	Nov 2015	548	9.2	638.00	1564	52	132.93	153.0	66.8	60	121.9
	Dec 2015	472	7.7	638.71	1583	19	134.17	158.1	58.4	62	123.7
	Jan 2016	586	9.5	641.80	1666	83	136.05	160.7	73.1	63	124.7
	Feb 2016	600	10.4	641.80	1666	0	136.69	188.7	75.5	74	125.7
	Mar 2016	955	15.5	643.05	1700	34	136.49	216.8	119.0	85	124.6
	Apr 2016	1056	17.8	643.00	1699	-2	136.07	255.0	131.5	100	124.5
	May 2016	959	15.6	643.00	1699	0	136.04	255.0	120.0	100	125.1
	Jun 2016	909	15.3	642.00	1671	-27	135.51	255.0	113.3	100	124.7
	Jul 2016	849	13.8	641.50	1658	-14	134.73	255.0	105.7	100	124.5
	Aug 2016	746	12.1	641.50	1658	0	134.46	255.0	93.1	100	124.9
	Sep 2016	734	12.3	640.01	1617	-40	133.68	255.0	91.2	100	124.1
	WY 2016	**9116**							**1133.0**		
	Oct 2016	648	10.5	633.00	1434	-183	129.77	234.6	78.3	92	120.9
	Nov 2016	551	9.3	635.00	1486	51	128.06	204.0	65.7	80	119.2
	Dec 2016	434	7.1	638.71	1583	97	130.45	224.4	53.2	88	122.6
	Jan 2017	594	9.7	641.80	1666	83	135.03	191.3	74.0	75	124.6
	Feb 2017	604	10.9	641.80	1666	0	137.09	176.0	75.8	69	125.6
	Mar 2017	963	15.7	643.05	1700	34	135.44	255.0	119.9	100	124.6
	Apr 2017	1064	17.9	643.00	1699	-2	136.07	255.0	132.4	100	124.4
	May 2017	967	15.7	643.00	1699	0	136.04	255.0	120.9	100	125.1
	Jun 2017	916	15.4	642.00	1671	-27	135.51	255.0	114.2	100	124.7
	Jul 2017	856	13.9	641.50	1658	-14	134.73	255.0	106.6	100	124.5
	Aug 2017	753	12.2	641.50	1658	0	134.46	255.0	93.9	100	124.8

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2015 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Sep 2014	474	8.0	448.17	583	1	82.36	120.0	33.7	100	70.9
	WY 2014	**6496**							**451.6**		
H	Oct 2014	432	7.0	446.41	550	-33	80.56	91.2	30.8	76	71.3
I	Nov 2014	351	5.9	447.77	576	25	81.18	96.0	24.4	80	69.4
S	Dec 2014	240	3.9	446.36	549	-26	81.87	120.0	15.5	100	64.8
T	Jan 2015	348	5.6	448.22	584	35	82.97	93.6	24.3	78	69.7
O	Feb 2015	473	8.5	447.38	568	-16	81.70	94.8	33.2	79	70.2
R	Mar 2015	707	11.5	447.89	578	10	79.76	108.0	49.6	90	70.2
I	Apr 2015	752	12.6	448.09	582	4	80.20	120.0	52.5	100	69.8
C	May 2015	559	9.1	448.50	590	8	81.62	112.8	39.5	94	70.7
A	Jun 2015	615	10.3	448.89	597	7	79.48	120.0	43.6	100	70.8
L	Jul 2015	592	9.6	447.99	580	-17	81.75	120.0	41.8	100	70.7
*	Aug 2015	580	9.4	448.30	586	6	82.40	120.0	40.7	100	70.2
	Sep 2015	528	8.9	447.80	576	-9	75.42	120.0	34.6	100	65.4
	WY 2015	**6177**							**430.5**		
	Oct 2015	482	7.8	447.80	576	0	76.52	91.2	31.9	76	66.2
	Nov 2015	367	6.2	447.50	571	-6	75.89	100.8	23.8	84	64.8
	Dec 2015	292	4.8	446.50	552	-19	74.40	120.0	18.3	100	62.7
	Jan 2016	347	5.6	446.50	552	0	75.01	96.0	22.2	80	64.0
	Feb 2016	438	7.6	446.50	552	0	75.13	93.6	28.5	78	65.1
	Mar 2016	729	11.9	446.70	555	4	74.01	120.0	47.4	100	65.0
	Apr 2016	784	13.2	448.70	593	38	75.08	120.0	51.7	100	66.0
	May 2016	704	11.4	448.70	593	0	76.05	120.0	46.8	100	66.5
	Jun 2016	700	11.8	448.70	593	0	76.05	120.0	46.6	100	66.5
	Jul 2016	702	11.4	448.00	580	-13	75.71	120.0	46.5	100	66.2
	Aug 2016	595	9.7	447.50	571	-9	75.13	120.0	39.0	100	65.4
	Sep 2016	540	9.1	447.50	570	0	74.89	120.0	35.2	100	65.1
	WY 2016	**6682**							**437.9**		
	Oct 2016	450	7.3	447.50	571	0	75.74	100.8	29.4	84	65.3
	Nov 2016	367	6.2	447.50	571	0	75.92	97.2	23.8	81	64.9
	Dec 2016	276	4.5	446.50	552	-19	74.40	120.0	17.2	100	62.5
	Jan 2017	347	5.6	446.50	552	0	75.13	93.6	22.2	78	64.1
	Feb 2017	438	7.9	446.50	552	0	74.71	102.0	28.4	85	64.8
	Mar 2017	730	11.9	446.70	555	4	74.01	120.0	47.4	100	65.0
	Apr 2017	784	13.2	448.70	593	38	75.08	120.0	51.7	100	66.0
	May 2017	704	11.4	448.70	593	0	76.05	120.0	46.8	100	66.5
	Jun 2017	700	11.8	448.70	593	0	76.05	120.0	46.6	100	66.5
	Jul 2017	702	11.4	448.00	580	-13	75.71	120.0	46.5	100	66.2
	Aug 2017	595	9.7	447.50	571	-9	75.13	120.0	39.0	100	65.4

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2015 24-Month Study

Most Probable Inflow*

Upper Basin Power

	Date	Glen Canyon 1000 MWHR	Flaming Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Reservoir 1000 MWHR	Fontenelle Reservoir 1000 MWHR
*	Sep 2014	266	46	23	29	16	2
	Summer 2014	**1643**	**255**	**169**	**243**	**106**	**37**
H	Oct 2014	264	36	18	17	14	7
I	Nov 2014	281	30	7	7	4	6
S	Dec 2014	377	43	15	19	11	6
T	Jan 2015	373	48	16	20	10	6
O	Feb 2015	254	44	8	10	2	5
R	Mar 2015	278	48	7	9	5	6
	Winter 2015	**1827**	**250**	**72**	**83**	**46**	**37**
I	Apr 2015	256	28	13	17	11	7
C	May 2015	299	65	21	30	18	8
A	Jun 2015	348	40	38	67	21	9
L	Jul 2015	471	42	41	53	22	8
*	Aug 2015	357	42	32	38	21	7
	Sep 2015	287	37	37	44	22	3
	Summer 2015	**2019**	**254**	**182**	**248**	**114**	**42**
	Oct 2015	239	39	23	28	14	5
	Nov 2015	239	46	14	18	9	5
	Dec 2015	317	50	28	34	17	5
	Jan 2016	314	49	18	22	11	5
	Feb 2016	254	46	14	18	9	4
	Mar 2016	253	27	8	11	6	4
	Winter 2016	**1616**	**257**	**105**	**131**	**67**	**27**
	Apr 2016	233	26	12	18	10	4
	May 2016	256	44	36	51	23	7
	Jun 2016	323	56	16	24	17	8
	Jul 2016	409	34	29	35	18	10
	Aug 2016	425	34	39	46	23	9
	Sep 2016	321	33	35	42	21	6
	Summer 2016	**1966**	**227**	**166**	**215**	**112**	**43**
	Oct 2016	239	34	16	20	10	6
	Nov 2016	239	33	7	9	5	6
	Dec 2016	317	34	28	35	18	6
	Jan 2017	314	34	25	31	16	5
	Feb 2017	254	30	17	23	11	4
	Mar 2017	253	34	7	11	6	4
	Winter 2017	**1109**	**134**	**76**	**95**	**49**	**22**
	Apr 2017	234	33	11	18	11	5
	May 2017	258	41	34	51	23	7
	Jun 2017	326	82	23	35	22	9
	Jul 2017	413	36	32	39	21	10
	Aug 2017	432	36	38	45	23	10

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2015 24-Month Study

Most Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions

Date	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Total KAF	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****CREDITABLE SPACE****										
Sep 2015	316	58	277	11685	12336	17506	29841	316	58	277	651	11685	17506	29841	2270	759	0	30.4
Oct 2015	389	130	310	11938	12766	17514	30280	389	130	310	828	11938	17514	30280	3040	609	0	30.1
Nov 2015	454	166	344	12002	12966	17526	30492	454	166	344	964	12002	17526	30492	3810	622	0	29.9
Dec 2015	533	183	352	12129	13197	17553	30750	533	183	352	1068	12129	17553	30750	4580	512	0	29.7
Jan 2016	634	248	360	12458	13700	17236	30937	634	248	360	1242	12458	17236	30937	5350	692	0	29.4
								****EFFECTIVE SPACE****										
Jan 2016	634	248	360	12458	13700	17236	30937	211	236	236	683	12458	17236	30378	5350	692	0	29.4
Feb 2016	729	282	369	12811	14192	17103	31295	306	272	245	823	12811	17103	30737	1500	623	0	29.2
Mar 2016	814	307	372	13012	14505	17038	31542	391	299	247	936	13012	17038	30986	1500	1017	0	28.8
Apr 2016	803	302	344	13184	14634	17368	32002	376	296	212	884	13184	17368	31436	1500	1090	0	28.5
May 2016	762	279	288	13138	14467	17812	32279	327	271	134	732	13138	17812	31682	1500	996	0	29.5
Jun 2016	707	223	218	11995	13143	18158	31302	263	197	26	486	11995	18158	30640	1500	924	0	30.9
Jul 2016	555	47	267	10713	11582	18328	29911	98	-2	22	118	10713	18328	29159	1500	874	0	30.8
								****CREDITABLE SPACE****										
Aug 2016	474	45	302	10969	11790	18235	30025	474	45	302	821	10969	18235	30025	1500	779	0	30.3
Sep 2016	506	111	344	11529	12490	17952	30442	506	111	344	961	11529	17952	30442	2270	718	0	29.9
Oct 2016	557	180	364	11883	12985	17837	30821	557	180	364	1101	11883	17837	30821	3040	478	0	29.6
Nov 2016	602	189	358	12021	13170	17722	30892	602	189	358	1149	12021	17722	30892	3810	623	0	29.5
Dec 2016	645	180	359	12177	13361	17746	31108	645	180	359	1184	12177	17746	31108	4580	552	0	29.4
Jan 2017	704	248	364	12489	13805	17464	31269	704	248	364	1316	12489	17464	31269	5350	699	0	29.2
								****EFFECTIVE SPACE****										
Jan 2017	704	248	364	12489	13805	17464	31269	376	248	364	989	12489	17464	30942	5350	699	0	29.2
Feb 2017	757	307	371	12796	14232	17338	31569	428	307	371	1107	12796	17338	31240	1500	627	0	29.0
Mar 2017	798	343	367	12978	14487	17276	31763	467	343	367	1177	12978	17276	31431	1500	1025	0	28.7
Apr 2017	793	332	315	13051	14491	17614	32105	457	332	309	1097	13051	17614	31763	1500	1098	0	28.6
May 2017	755	297	228	12830	14110	18066	32176	413	297	199	909	12830	18066	31804	1500	1004	0	29.8
Jun 2017	632	207	134	11607	12581	18419	30999	278	201	67	547	11607	18419	30573	1500	931	0	31.3
Jul 2017	479	44	159	10230	10912	18595	29507	112	16	39	167	10230	18595	28992	1500	881	0	31.4
								****CREDITABLE SPACE****										
Aug 2017	386	27	178	10294	10885	18509	29394	386	27	178	591	10294	18509	29394	1500	786	0	31.1

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2205

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October 24-Month Study
Date: October 14, 2015

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

Reservoir	September Inflow (unregulated) (acre-feet)	Percent of Average (%)	October 13, Midnight Elevation (feet)	Reservoir Storage (acre-feet)
Fontenelle	37,000	81	6492.85	247,000
Flaming Gorge	39,000	71	6031.91	3,423,000
Blue Mesa	39,000	103	7504.31	697,000
Navajo	18,000	41	6062.71	1,383,000
Powell	276,000	68	3606.11	12,343,000

Expected Operations

The operation of Lake Powell and Lake Mead in this October 2015 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines), and reflects the 2015 Annual Operating Plan (AOP) and the draft 2016 AOP. Pursuant to the Interim Guidelines, the August 2015 24-Month Study projections of the January 1, 2016, system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2016.

Consistent with Section 6.B of the Interim Guidelines, Lake Powell's operations in water year 2016 will be governed by the Upper Elevation Balancing Tier, with an initial water year release volume of 8.23 maf and the potential for an April adjustment to equalization or balancing releases in April 2016. This October 2015 24-Month Study indicates that, consistent with Section 6.B.4 of the Interim Guidelines, an April adjustment to balancing releases is projected to occur and Lake Powell is projected to release 9.0 maf in water year 2016.

Consistent with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar years 2015 and 2016.

The 2016 operating determinations for Lake Powell and Lake Mead will be documented in the 2016 AOP, which is currently in the final stages of development.

The Interim Guidelines are available for download at:
http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The 2015 AOP is available for download at:
http://www.usbr.gov/uc/water/rsvrs/ops/aop/AOP15.pdf.
The draft 2016 AOP is available for download at:
http://www.usbr.gov/lc/region/g4000/AOP2016/AOP16_draft.pdf.

Fontenelle Reservoir – Fontenelle Reservoir is currently at elevation 6492.8 feet, which amounts to 72 percent of live storage capacity. Inflow for the month of September was limited to 37,000 AF, or 81 percent of average. Recent daily inflow averages have ranged from 660 cfs to 870 cfs.

Reservoir releases were reduced to 1,020 cfs on Monday, August 31, 2015. Weather conditions have been relatively warm and dry, and the Colorado Basin River Forecast Center has forecasted fall inflows that are below average. October, November and December forecasted inflow volumes amount to 40,000 AF (82% of average), 40,000 AF (95% of average), and 30,000 AF (94% of average), respectively. As a result, releases will be further decreased to 950 cfs on Monday, October 19, 2015. It is currently anticipated that releases will be maintained at a baseflow of 950 cfs until Spring 2016.

The next Fontenelle Working Group meeting is scheduled for 10:00 am, April 20, 2016. The meeting will be held at the Seedskadee Wildlife Refuge in Green River, Wyoming. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir.

Flaming Gorge Reservoir – Flaming Gorge Dam is currently releasing an average daily base flow of 2,200 cfs. It is anticipated that releases will remain at 2,200 cfs through February 29, 2016. Base flow releases are subject to observed hydrology and all projections may change.

Unregulated inflow into Flaming Gorge Reservoir during the month of September was 39,000 acre-feet (AF), or 70 percent of average. The reservoir elevation is 6,032 feet and decreasing. Observed inflows are averaging 1,150 cubic feet per second (cfs).

Inflows for the next three months are projected to be below average: with October, November and December forecasted inflow volumes at 44,000 AF (75% of average), 41,000 AF (80% of average), and 30,000 AF (86% of average), respectively.

The next Flaming Gorge Working Group meeting is scheduled for April 21, 2016, at 11:00 a.m. to be held in the Utah Department of Natural Resources building in Vernal, Utah. The Flaming Gorge Working Group is an open public forum for information

exchange between Reclamation and the stake holders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations and plans presented by Reclamation at these meetings. Meeting notes from past Working Group meetings are posted on the Working Group webpage. For more information on this group and these meetings please contact Peter Crookston at 801-379-1152 or Heather Patno at 801-524-3883.

Aspinall Unit Reservoirs – September unregulated inflow into Blue Mesa Reservoir was 39,000 acre-feet or 103 percent of average. Precipitation during September was observed to be about 55 percent of average. The current inflow rate into Blue Mesa Reservoir is about 500 cfs and reservoir releases are averaging about 1,800 cfs. Blue Mesa's present elevation is 7504.31 feet, which corresponds to a storage content of about 697,000 acre-feet. The unregulated reservoir inflow into Blue Mesa Reservoir during water year 2015 was 1.04 million acre-feet, or about 109 percent of average.

Releases from Crystal Dam are scheduled to decrease during the brown trout spawn. The target flow will be about 500 cfs in Gunnison River below the tunnel. The spawn period will be about a month or through mid-November. After the spawn the release rate will be increased again from Crystal Dam in order to help bring Blue Mesa Reservoir down to its end of December icing target elevation of 7490 feet.

Pursuant to the Aspinall Unit Operations Record of Decision (ROD), the baseflow target in the lower Gunnison River, as measured at the Whitewater gage, is 1,050 cfs for September through December. Flows in the lower Gunnison River are currently above the baseflow target of 1,050 cfs. River flows have remained relatively high due to favorable hydrology. Flows are expected to stay above the October baseflow target for the foreseeable future.

The last meeting of the "Aspinall Unit Working Group" was held on Thursday, August 13, 2015 at the Elk Creek Visitors Center at Blue Mesa Reservoir. At this meeting, review of this spring's reservoir operations, and plans for this summer and fall operations were discussed. These meetings are open forum discussions on the Aspinall Unit reservoir operations with many interested groups participating. Anyone needing further information about these meetings should contact Erik Knight in the Grand Junction Area Office at (970) 248-0629.

Navajo Reservoir – Navajo is currently releasing 600 cfs. Releases are made for the authorized purposes of the Navajo Unit, and to attempt to maintain a target base flow through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell). The San Juan River Basin Recovery Implementation Program recommends a target base flow of between 500 cfs and 1,000 cfs through the critical habitat area. The target base flow is calculated as the weekly average of gaged flows throughout the critical habitat area.

Navajo was at 6063.41 feet of pool elevation and 1,391,776 acre-feet of storage by the end of September, which was 101% of average for the end of the month. Modified

unregulated inflow into Navajo was 17,581 acre-feet, which was 41% of average for the month. Calculated evaporation for the month was 2887 acre-ft. NIIP diverted a total of 12,357 acre-ft. The release averaged close to 600 cfs throughout the month. Precipitation at the dam totaled 2.53 inches (174% of average).

As of October 1st, the release at Navajo (as measured at the USGS at Archuleta gage) was 544 cfs (the release was increased to 600 cfs Oct 2nd), and the observed inflow is 540 cfs. NIIP is diverting 354 cfs. The reservoir elevation is 6063.35 feet and the content is 1,390,990 acre-feet, or 82% full (70% of Active), and losing storage. The San Juan River at Four Corners USGS gage is at 541 cfs, and the Animas River at Farmington USGS gage is at 182 cfs. SNOTEL sites above Navajo are showing 0 inches of SWE.

The most probable modified-unregulated inflow forecast for October at Navajo is 25,000 acre-feet (53% of average), for November is 27,000 acre-feet (81% of average), and for December is 22,000 acre-feet (88% of average).

The most probable forecast shows the reservoir will reach a minimum overwinter storage level near 6061.2 feet (1,362,500 acre-feet) in February of 2016.

Glen Canyon Dam / Lake Powell

Current Status

The unregulated inflow to Lake Powell in September was 276 kaf (68% of average). The release volume from Glen Canyon Dam in August was 714 kaf. The end of September elevation and storage of Lake Powell were 3,606.1 feet (94 feet from full pool) and 12.3 maf (51% of full capacity), respectively. The water year 2015 unregulated inflow to Lake Powell was 10.17 million acre-feet (maf) (94% of average). The water year 2015 release from Lake Powell was 9.0 maf. The reservoir elevation peaked at 3,614 feet on July 14, 2015 and is now in its seasonal decline through the fall and winter months.

Current Operations

The operating tier for water year 2016, established in August 2015, is the Upper Elevation Balancing Tier, with an initial water year release volume of 8.23 maf and the potential for an April 2016 adjustment to equalization or balancing releases. Based on the current forecast, an April adjustment to balancing releases is projected to occur and Lake Powell is currently projected to release 9.0 maf in water year 2016. This projection will be updated each month throughout the water year.

In October 2015, the release volume will be approximately 600 thousand acre-feet (kaf), with fluctuations anticipated between approximately 7,000 cfs and 13,000 cfs and consistent with the Glen Canyon Operating Criteria (Federal Register, Volume 62, No. 41, March 3, 1997). The anticipated release volume for November is approximately 600 kaf with daily fluctuations between approximately 7,000 cfs and 13,000 cfs. The expected release for December is 800 kaf with daily fluctuations between approximately 9,000 cfs and 17,000 cfs.

In addition to daily scheduled fluctuations for power generation, the instantaneous releases from Glen Canyon Dam may also fluctuate to provide 40 MW of system regulation. These instantaneous release adjustments stabilize the electrical generation and transmission system and translate to a range of about 1,200 cfs above or below the hourly scheduled release rate. Under system normal conditions, fluctuations for regulation are typically short lived and generally balance out over the hour with minimal or no noticeable impacts on downstream river flow conditions.

Releases from Glen Canyon Dam can also fluctuate beyond scheduled releases when called upon to respond to unscheduled power outages or power system emergencies. Depending on the severity of the system emergency, the response from Glen Canyon Dam can be significant, within the full range of the operating capacity of the power plant for as long as is necessary to maintain balance in the transmission system. Glen Canyon Dam currently maintains 27 MW (approximately 800 cfs) of generation capacity in reserve in order to respond to a system emergency even when generation rates are already high. System emergencies occur fairly infrequently and typically require small responses from Glen Canyon Dam. However, these responses can have a noticeable impact on the river downstream of Glen Canyon Dam.

Inflow Forecasts and Model Projections

The forecast for water year 2016 unregulated inflow to Lake Powell, issued on October 1, 2015, by the Colorado Basin River Forecast Center, projects that the most probable (median) unregulated inflow volume next year will be 8.45 maf (78% of average). This is a decrease of 840 kaf since the September forecast for water year 2016. There is significant uncertainty regarding next season's snow pack development and resulting runoff into Lake Powell. The forecast ranges from a minimum probable of 6.2 maf (57%) to a maximum probable of 16.0 maf (148%). There is a 10% chance that inflows could be higher than the current maximum probable forecast and a 10% chance that inflows could be lower than the minimum probable forecast.

Based on the current forecast, the October 24-Month Study projects Lake Powell elevation will end water year 2016 near 3,600 feet with approximately 11.8 maf in storage (48% capacity). Note that projections of elevation and storage for water year 2016 have significant uncertainty at this point in the season. Projections of elevation and storage using the minimum and maximum probable inflow forecast, updated in October, are 3,581 feet (10.0 maf, 43% capacity) and 3,639 feet (15.9 maf, 65% capacity), respectively. Under these scenarios, there is a 10 percent chance that inflows will be higher, resulting in higher elevation and storage, and 10 percent chance that inflows will be lower, resulting in lower elevation and storage. The annual release volume from Lake Powell during water year 2016 is projected to be 9.0 maf under the minimum and most probable inflow scenarios and 11.4 maf under the maximum probable inflow scenario. There is a chance that inflows could be higher or lower, potentially resulting in releases greater than 11.4 maf or as low as 8.23 maf in water year 2016. The minimum and maximum probable scenarios will be updated again in January.

Upper Colorado River Basin Hydrology

The Upper Colorado River Basin regularly experiences significant year to year hydrologic variability. During the 16-year period 2000 to 2015, however, the unregulated inflow to Lake Powell, which is a good measure of hydrologic conditions in the Colorado River Basin, was above average in only 3 out of the past 16 years. The period 2000-2015 is the lowest 16-year period since the closure of Glen Canyon Dam in 1963, with an average unregulated inflow of 8.51 maf, or 79% of the 30-year average (1981-2010). (For comparison, the 1981-2010 total water year average is 10.83 maf.) The unregulated inflow during the 2000-2015 period has ranged from a low of 2.64 maf (24% of average) in water year 2002 to a high of 15.97 maf (147% of average) in water year 2011. The water year 2015 unregulated inflow volume to Lake Powell was 10.17 maf (94% of average), which, though still below average, was significantly higher than inflows observed in 2012 and 2013 (45% and 47% of average, respectively). Under the current most probable forecast, total water year 2016 unregulated inflows to Lake Powell is projected to be 8.45 maf (78% of average).

At the beginning of water year 2016, total system storage in the Colorado River Basin was 30.3 maf (51% of 59.6 maf total system capacity). This is nearly the same as the total storage at the beginning of water years 2014 and 2015 which began at 29.9 maf and 30.0 maf, respectively, both of which were 50% of capacity. Since the beginning of water year 2000, total Colorado Basin storage has experienced year to year increases and decreases in response to wet and dry hydrology, ranging from a high of 94% of capacity at the beginning of 2000 to a low of 50% of capacity at the beginning of water year 2005. One wet year can significantly increase total system reservoir storage, just as persistent dry years can draw down the system storage. Based on current inflow forecasts, the current projected end of water year total Colorado Basin reservoir storage for water year 2016 is approximately 28.9 maf (49% of total system capacity).The actual end of water year 2016 system storage may vary from this projection, primarily due to uncertainty regarding next season's snowpack and resulting runoff and reservoir inflow. Based on the October minimum and maximum probable inflow forecasts and modeling, the range of end of water year 2016 total system capacity is approximately 26.8 maf (45%) to 36.4 maf (61%), respectively.

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-430
125 SOUTH STATE STREET, ROOM 6107
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-3709

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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:	Obs				sep	Forecast		
:	jun	jul	aug	sep	%Avg	oct	nov	dec
GLDA3:Lake Powell	3389	1072	313	276	68%:	350/	350/	280/
GBRW4:Fontenelle	332	126	53	37	81%:	40/	40/	30/
GRNU1:Flaming Gorge	434	157	56	39	71%:	44/	41/	30/
BMDC2:Blue Mesa	368	131	59	39	103%:	35/	30/	26/
MPSC2:Morrow Point	388	135	60	39	96%:	35/	30/	26/
CLSC2:Crystal	429	143	63	42	90%:	38/	33/	29/
TPIC2:Taylor Park	61	22	9.7	7.7	104%:	6/	5/	4.7/
VCRC2:Vallecito	106	37	12.9	10.7	61%:	9.5/	7/	6/
NVRN5:Navajo	285	76	14.8	17.6	41%:	25/	27/	22/
LEMC2:Lemon	31	7.5	2.1	1.60	39%:	1.5/	1.2/	0.9/
MPHC2:McPhee	102	26	7.3	5.7	50%:	5/	4.5/	4/
RBSC2:Ridgway	50	24	10.6	6.5	66%:	5.5/	4.5/	4/

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

October 2015 24-Month Study

Most Probable Inflow*

Fontenelle Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Oct 2014	85	1	80	10	90	6501.37	309
H	Nov 2014	53	1	69	1	69	6499.16	292
I	Dec 2014	51	1	77	0	77	6495.49	265
S	Jan 2015	46	1	77	0	77	6490.98	234
T	Feb 2015	46	1	69	1	69	6487.37	210
O	Mar 2015	70	1	78	0	78	6486.00	201
R	Apr 2015	87	1	102	0	103	6483.35	185
I	May 2015	223	2	104	4	108	6499.95	298
C	Jun 2015	332	3	101	229	330	6499.84	297
A	Jul 2015	126	3	91	17	108	6501.77	312
L	Aug 2015	53	2	83	1	84	6497.37	279
*	Sep 2015	37	2	0	61	61	6493.88	254
	WY 2015	**1210**	**16**	**930**	**324**	**1254**		
	Oct 2015	40	1	60	0	60	6490.83	233
	Nov 2015	40	1	57	0	57	6488.16	216
	Dec 2015	30	1	58	0	58	6483.57	187
	Jan 2016	28	1	58	0	58	6477.98	156
	Feb 2016	26	0	55	0	55	6471.85	127
	Mar 2016	45	0	58	0	58	6468.60	113
	Apr 2016	70	1	71	0	71	6468.12	111
	May 2016	140	1	97	8	105	6475.85	146
	Jun 2016	265	2	101	13	114	6499.45	295
	Jul 2016	164	3	101	15	116	6505.34	340
	Aug 2016	62	2	74	0	74	6503.56	326
	Sep 2016	40	2	69	0	69	6499.54	295
	WY 2016	**950**	**14**	**859**	**35**	**895**		
	Oct 2016	44	1	69	0	69	6496.01	270
	Nov 2016	40	1	67	0	67	6492.12	242
	Dec 2016	32	1	69	0	69	6486.35	204
	Jan 2017	30	1	69	0	69	6479.67	165
	Feb 2017	28	0	62	0	62	6472.41	130
	Mar 2017	53	0	69	0	69	6468.45	113
	Apr 2017	85	1	74	0	74	6470.93	123
	May 2017	164	1	99	5	105	6482.53	181
	Jun 2017	299	2	103	63	167	6501.64	311
	Jul 2017	178	3	100	42	141	6505.89	345
	Aug 2017	77	2	100	5	105	6502.04	314
	Sep 2017	46	2	101	0	101	6494.29	257
	WY 2017	**1076**	**15**	**983**	**115**	**1099**		

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2207

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

October 2015 24-Month Study

Most Probable Inflow*

Flaming Gorge Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	Oct 2014	108	112	7	92	0	92	133	6028.64	3297	159
H	Nov 2014	65	81	4	77	0	77	133	6028.63	3296	134
I	Dec 2014	53	79	2	113	0	113	131	6027.71	3262	164
S	Jan 2015	67	98	2	124	0	124	130	6026.99	3234	171
T	Feb 2015	63	86	2	113	0	113	129	6026.25	3207	168
O	Mar 2015	77	85	3	124	0	124	127	6025.15	3166	219
R	Apr 2015	112	127	5	73	0	73	129	6026.41	3213	252
I	May 2015	333	218	8	169	57	226	129	6026.01	3198	652
C	Jun 2015	434	432	11	100	0	100	141	6034.01	3506	482
A	Jul 2015	157	140	14	104	0	104	142	6034.55	3528	195
L	Aug 2015	56	87	13	104	0	104	141	6033.81	3498	130
*	Sep 2015	39	62	11	100	1	101	139	6032.59	3450	127
	WY 2015	**1562**	**1606**	**82**	**1293**	**58**	**1352**				**2853**
	Oct 2015	44	64	8	131	0	131	136	6030.76	3379	142
	Nov 2015	41	58	4	131	0	131	133	6028.84	3305	152
	Dec 2015	30	58	2	135	0	135	130	6026.85	3229	154
	Jan 2016	37	67	2	135	0	135	127	6025.05	3162	151
	Feb 2016	38	67	2	127	0	127	125	6023.43	3103	144
	Mar 2016	88	101	3	52	0	52	127	6024.65	3147	105
	Apr 2016	117	118	5	48	0	48	129	6026.36	3211	208
	May 2016	180	145	8	110	0	110	130	6027.04	3236	560
	Jun 2016	320	169	10	148	0	148	131	6027.32	3247	548
	Jul 2016	190	142	13	91	0	91	132	6028.27	3283	156
	Aug 2016	75	87	13	91	0	91	131	6027.86	3267	108
	Sep 2016	50	79	11	88	0	88	131	6027.35	3248	99
	WY 2016	**1210**	**1155**	**79**	**1285**	**0**	**1285**				**2525**
	Oct 2016	55	80	7	91	0	91	130	6026.90	3231	114
	Nov 2016	50	76	3	88	0	88	129	6026.51	3216	115
	Dec 2016	35	72	2	91	0	91	129	6025.99	3197	116
	Jan 2017	40	79	2	91	0	91	128	6025.65	3184	116
	Feb 2017	45	79	2	82	0	82	128	6025.53	3180	110
	Mar 2017	102	119	3	91	0	91	129	6026.18	3204	167
	Apr 2017	134	122	5	88	0	88	130	6026.94	3233	303
	May 2017	245	186	8	147	0	147	131	6027.75	3263	679
	Jun 2017	390	257	10	187	0	187	134	6029.24	3320	608
	Jul 2017	210	174	14	98	0	98	136	6030.78	3379	198
	Aug 2017	89	117	13	98	0	98	136	6030.92	3385	124
	Sep 2017	55	110	11	95	0	95	136	6031.01	3388	114
	WY 2017	**1449**	**1472**	**80**	**1246**	**0**	**1246**				**2763**

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

October 2015 24-Month Study

Most Probable Inflow*

Taylor Park Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Oct 2014	10	8	9315.40	79
H	Nov 2014	7	6	9315.85	80
I	Dec 2014	6	6	9315.74	79
S	Jan 2015	6	6	9315.48	79
T	Feb 2015	4	5	9314.94	78
O	Mar 2015	7	6	9315.31	79
R	Apr 2015	9	6	9317.32	82
I	May 2015	19	10	9321.95	91
C	Jun 2015	61	49	9328.14	102
A	Jul 2015	22	29	9324.75	96
L	Aug 2015	10	23	9317.56	83
*	Sep 2015	8	19	9311.10	72
	WY 2015	**167**	**172**		
	Oct 2015	6	6	9311.10	72
	Nov 2015	5	6	9310.48	71
	Dec 2015	5	6	9309.66	69
	Jan 2016	4	6	9308.58	68
	Feb 2016	4	6	9307.08	65
	Mar 2016	4	6	9305.76	63
	Apr 2016	7	6	9306.09	64
	May 2016	24	6	9317.15	82
	Jun 2016	37	18	9327.33	101
	Jul 2016	14	20	9324.24	95
	Aug 2016	8	18	9318.85	85
	Sep 2016	6	14	9314.25	77
	WY 2016	**123**	**118**		
	Oct 2016	6	12	9310.50	71
	Nov 2016	5	6	9309.74	69
	Dec 2016	5	6	9308.90	68
	Jan 2017	4	6	9307.83	67
	Feb 2017	4	6	9306.39	64
	Mar 2017	4	6	9305.35	63
	Apr 2017	9	6	9307.18	66
	May 2017	28	14	9315.97	80
	Jun 2017	42	21	9327.15	101
	Jul 2017	20	22	9326.20	99
	Aug 2017	10	20	9321.09	89
	Sep 2017	7	16	9316.27	80
	WY 2017	**144**	**141**		

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Managing Water in the West

October 2015 24-Month Study

Most Probable Inflow*

Blue Mesa Reservoir

	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Oct 2014	55	53	1	64	0	64	7490.77	587
H	Nov 2014	37	36	0	27	0	27	7491.85	596
I	Dec 2014	34	34	0	55	0	55	7489.11	574
S	Jan 2015	30	30	0	58	0	58	7485.48	547
T	Feb 2015	28	29	0	29	0	29	7485.47	547
O	Mar 2015	54	53	0	26	0	26	7488.96	573
R	Apr 2015	73	70	1	45	0	45	7492.04	597
I	May 2015	136	128	1	71	0	71	7498.96	653
C	Jun 2015	368	356	1	125	62	192	7517.76	815
A	Jul 2015	131	137	2	135	10	145	7516.74	806
L	Aug 2015	59	73	1	105	0	105	7512.97	772
*	Sep 2015	39	50	1	95	0	95	7507.65	726
	WY 2015	**1042**	**1047**	**9**	**835**	**72**	**912**		
	Oct 2015	35	35	1	80	0	80	7502.26	680
	Nov 2015	30	31	0	45	0	45	7500.54	666
	Dec 2015	26	27	0	112	0	112	7490.00	581
	Jan 2016	24	26	0	59	0	59	7485.64	548
	Feb 2016	21	23	0	43	0	43	7482.98	528
	Mar 2016	32	34	0	33	0	33	7483.06	529
	Apr 2016	66	66	1	47	0	47	7485.43	546
	May 2016	175	157	1	118	0	118	7490.38	584
	Jun 2016	220	201	1	56	0	56	7507.93	728
	Jul 2016	81	87	2	93	0	93	7507.05	720
	Aug 2016	48	58	1	107	0	107	7501.09	670
	Sep 2016	37	45	1	97	0	97	7494.57	617
	WY 2016	**795**	**790**	**8**	**890**	**0**	**890**		
	Oct 2016	38	44	1	48	0	48	7493.97	613
	Nov 2016	31	32	0	18	0	18	7495.70	626
	Dec 2016	26	27	0	72	0	72	7490.00	581
	Jan 2017	24	26	0	85	0	85	7482.20	522
	Feb 2017	22	25	0	60	0	60	7477.30	487
	Mar 2017	36	38	0	26	0	26	7478.86	498
	Apr 2017	77	74	1	39	0	39	7483.57	532
	May 2017	221	207	1	110	0	110	7495.91	628
	Jun 2017	261	240	1	72	0	72	7515.57	795
	Jul 2017	117	119	2	110	0	110	7516.40	803
	Aug 2017	63	73	1	122	0	122	7510.76	752
	Sep 2017	38	47	1	116	0	116	7502.52	682
	WY 2017	**954**	**951**	**9**	**877**	**0**	**877**		

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

October 2015 24-Month Study

Most Probable Inflow*

Morrow Point Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Oct 2014	56	64	1	65	49	0	68	7149.96	109
H	Nov 2014	38	27	2	29	23	0	26	7154.03	112
I	Dec 2014	35	55	1	56	56	0	56	7153.68	112
S	Jan 2015	30	58	1	58	60	0	60	7152.01	111
T	Feb 2015	29	29	1	30	31	0	31	7151.25	110
O	Mar 2015	56	26	3	29	28	0	28	7151.69	110
R	Apr 2015	79	45	6	50	51	0	51	7150.61	110
I	May 2015	151	71	15	86	84	0	84	7153.24	112
C	Jun 2015	388	192	20	212	188	0	211	7154.42	113
A	Jul 2015	135	145	3	148	148	0	148	7154.93	113
L	Aug 2015	60	105	0	105	106	0	106	7153.74	112
*	Sep 2015	39	95	0	95	103	0	103	7143.98	104
	WY 2015	**1095**	**912**	**53**	**965**	**926**	**0**	**972**		
	Oct 2015	35	80	0	80	72	0	72	7153.73	112
	Nov 2015	30	45	0	45	45	0	45	7153.73	112
	Dec 2015	26	112	0	112	112	0	112	7153.73	112
	Jan 2016	24	59	0	59	59	0	59	7153.73	112
	Feb 2016	21	43	0	43	43	0	43	7153.73	112
	Mar 2016	36	33	4	37	37	0	37	7153.73	112
	Apr 2016	76	47	10	57	57	0	57	7153.73	112
	May 2016	195	118	20	138	138	0	138	7153.73	112
	Jun 2016	235	56	15	71	71	0	71	7153.73	112
	Jul 2016	84	93	3	96	96	0	96	7153.73	112
	Aug 2016	50	107	2	109	109	0	109	7153.73	112
	Sep 2016	38	97	1	98	98	0	98	7153.73	112
	WY 2016	**850**	**890**	**55**	**945**	**937**	**0**	**937**		
	Oct 2016	39	48	1	49	49	0	49	7153.73	112
	Nov 2016	33	18	2	20	20	0	20	7153.73	112
	Dec 2016	28	72	2	74	74	0	74	7153.73	112
	Jan 2017	27	85	2	87	87	0	87	7153.73	112
	Feb 2017	25	60	3	63	63	0	63	7153.73	112
	Mar 2017	40	26	4	30	30	0	30	7153.73	112
	Apr 2017	88	39	11	50	50	0	50	7153.73	112
	May 2017	247	110	26	136	136	0	136	7153.73	112
	Jun 2017	281	72	20	92	92	0	92	7153.73	112
	Jul 2017	123	110	6	116	116	0	116	7153.73	112
	Aug 2017	67	122	3	125	125	0	125	7153.73	112
	Sep 2017	41	116	3	119	119	0	119	7153.73	112
	WY 2017	**1038**	**877**	**84**	**961**	**961**	**0**	**961**		

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

October 2015 24-Month Study

Most Probable Inflow*

Crystal Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
*	Oct 2014	61	68	5	73	74	0	74	6745.88	15	48	27
H	Nov 2014	43	26	5	30	29	0	30	6748.06	16	0	29
I	Dec 2014	39	56	5	61	61	0	61	6746.42	15	1	62
S	Jan 2015	35	60	5	64	55	9	64	6746.05	15	1	65
T	Feb 2015	34	31	4	35	11	22	33	6751.96	17	0	34
O	Mar 2015	63	28	6	35	35	0	35	6752.00	17	1	34
R	Apr 2015	85	51	7	58	58	0	58	6751.65	17	37	21
I	May 2015	164	84	13	97	90	6	96	6752.09	17	62	36
C	Jun 2015	429	211	41	253	110	78	252	6755.80	18	55	205
A	Jul 2015	143	148	9	156	114	44	158	6751.21	16	65	95
L	Aug 2015	63	106	4	110	110	0	111	6749.17	16	65	47
*	Sep 2015	42	103	3	106	96	11	107	6744.61	15	57	49
	WY 2015	**1201**	**972**	**106**	**1078**	**843**	**171**	**1078**			**393**	**705**
	Oct 2015	38	72	3	75	73	0	73	6753.04	17	30	43
	Nov 2015	33	45	3	48	48	0	48	6753.04	17	0	48
	Dec 2015	29	112	3	115	115	0	115	6753.04	17	0	115
	Jan 2016	27	59	3	62	62	0	62	6753.04	17	0	62
	Feb 2016	24	43	3	46	46	0	46	6753.04	17	0	46
	Mar 2016	41	37	5	42	42	0	42	6753.04	17	5	37
	Apr 2016	85	57	9	66	66	0	66	6753.04	17	30	36
	May 2016	220	138	25	163	134	29	163	6753.04	17	55	108
	Jun 2016	260	71	25	96	96	0	96	6753.04	17	60	36
	Jul 2016	90	96	6	102	102	0	102	6753.04	17	65	37
	Aug 2016	55	109	5	114	114	0	114	6753.04	17	65	49
	Sep 2016	43	98	5	103	103	0	103	6753.04	17	55	48
	WY 2016	**945**	**937**	**95**	**1032**	**1001**	**29**	**1030**			**365**	**665**
	Oct 2016	44	49	5	55	55	0	55	6753.04	17	30	25
	Nov 2016	37	20	4	24	24	0	24	6753.04	17	0	24
	Dec 2016	32	74	5	79	79	0	79	6753.04	17	0	79
	Jan 2017	31	87	5	92	92	0	92	6753.04	17	0	92
	Feb 2017	29	63	4	66	66	0	66	6753.04	17	0	66
	Mar 2017	46	30	6	36	36	0	36	6753.04	17	5	31
	Apr 2017	101	50	12	63	63	0	63	6753.04	17	30	33
	May 2017	281	136	34	170	134	36	170	6753.04	17	55	115
	Jun 2017	315	92	34	126	126	0	126	6753.04	17	60	66
	Jul 2017	138	116	14	130	130	0	130	6753.04	17	65	65
	Aug 2017	75	125	8	134	134	0	134	6753.04	17	65	69
	Sep 2017	47	119	6	125	125	0	125	6753.04	17	55	70
	WY 2017	**1176**	**961**	**139**	**1100**	**1064**	**36**	**1100**			**365**	**735**

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

October 2015 24-Month Study

Most Probable Inflow*

Vallecito Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Oct 2014	23	5	7650.16	87
H	Nov 2014	10	3	7652.74	94
I	Dec 2014	6	4	7653.53	96
S	Jan 2015	6	5	7654.18	97
T	Feb 2015	7	4	7655.19	100
O	Mar 2015	13	12	7655.67	101
R	Apr 2015	19	11	7658.49	108
I	May 2015	43	31	7662.94	120
C	Jun 2015	106	103	7664.05	123
A	Jul 2015	37	42	7661.73	117
L	Aug 2015	13	35	7652.83	94
*	Sep 2015	11	29	7645.08	75
	WY 2015	**294**	**285**		
	Oct 2015	10	17	7641.54	68
	Nov 2015	7	1	7644.00	73
	Dec 2015	6	2	7645.93	77
	Jan 2016	5	2	7647.39	81
	Feb 2016	4	1	7648.44	83
	Mar 2016	6	2	7650.02	87
	Apr 2016	14	1	7654.98	99
	May 2016	57	33	7664.11	123
	Jun 2016	61	61	7663.76	122
	Jul 2016	26	41	7657.66	106
	Aug 2016	17	38	7649.13	85
	Sep 2016	15	29	7642.78	70
	WY 2016	**227**	**229**		
	Oct 2016	14	16	7641.65	68
	Nov 2016	8	1	7644.70	75
	Dec 2016	6	2	7646.77	79
	Jan 2017	5	2	7648.38	83
	Feb 2017	5	1	7649.75	86
	Mar 2017	9	2	7652.57	93
	Apr 2017	23	1	7661.00	115
	May 2017	71	63	7664.11	123
	Jun 2017	70	70	7664.06	123
	Jul 2017	29	42	7659.09	110
	Aug 2017	20	38	7651.77	91
	Sep 2017	17	30	7646.52	79
	WY 2017	**279**	**267**		

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

October 2015 24-Month Study

Most Probable Inflow*

Navajo Reservoir

	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azetea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Farmington Flow (1000 Ac-Ft)
*	Oct 2014	68	1	46	1	7	21	6038.47	1096	65
H	Nov 2014	28	0	21	1	0	21	6038.43	1096	46
I	Dec 2014	19	0	17	1	0	21	6037.94	1091	45
S	Jan 2015	23	0	21	1	0	21	6037.90	1090	42
T	Feb 2015	28	1	25	1	0	19	6038.43	1096	41
O	Mar 2015	86	7	79	1	3	20	6043.43	1150	57
R	Apr 2015	80	8	63	2	20	21	6045.22	1170	39
I	May 2015	178	24	144	3	23	21	6053.44	1267	92
C	Jun 2015	285	38	241	4	20	22	6068.60	1461	253
A	Jul 2015	76	9	71	5	39	27	6068.68	1462	92
L	Aug 2015	15	1	36	4	33	43	6065.47	1419	63
*	Sep 2015	15	0	34	3	25	33	6063.41	1392	66
	WY 2015	**901**	**90**	**798**	**27**	**170**	**290**			**902**
	Oct 2015	25	0	33	2	9	25	6063.23	1389	42
	Nov 2015	27	0	21	1	0	24	6062.96	1386	38
	Dec 2015	22	0	18	1	0	25	6062.37	1378	38
	Jan 2016	19	0	16	1	0	25	6061.62	1368	36
	Feb 2016	23	0	20	1	0	22	6061.41	1366	32
	Mar 2016	58	1	53	2	5	25	6063.05	1387	41
	Apr 2016	118	13	92	3	20	38	6065.50	1419	75
	May 2016	260	38	198	4	34	224	6060.65	1356	354
	Jun 2016	185	32	154	4	49	212	6051.64	1245	335
	Jul 2016	45	6	54	4	53	25	6049.29	1217	76
	Aug 2016	33	1	52	3	45	25	6047.53	1197	57
	Sep 2016	35	1	49	3	25	24	6047.31	1194	50
	WY 2016	**850**	**93**	**759**	**27**	**238**	**691**			**1171**
	Oct 2016	41	1	42	2	9	25	6047.87	1201	49
	Nov 2016	31	1	24	1	0	24	6047.80	1200	41
	Dec 2016	25	0	20	1	0	25	6047.37	1195	40
	Jan 2017	22	0	18	1	0	25	6046.76	1188	38
	Feb 2017	30	0	27	1	0	22	6047.09	1192	35
	Mar 2017	92	2	83	1	5	25	6051.56	1244	47
	Apr 2017	170	15	133	2	20	24	6058.72	1332	76
	May 2017	277	41	227	4	34	97	6065.90	1425	243
	Jun 2017	224	33	190	4	49	161	6064.06	1400	313
	Jul 2017	66	7	71	5	53	34	6062.50	1380	102
	Aug 2017	45	1	62	4	45	47	6059.88	1346	85
	Sep 2017	43	1	55	3	25	69	6056.49	1304	102
	WY 2017	**1067**	**103**	**952**	**27**	**239**	**577**			**1170**

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Managing Water in the West

October 2015 24-Month Study

Most Probable Inflow*

Lake Powell

	Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry Gage (1000 Ac-Ft)
*	Oct 2014	716	636	34	598	0	598	3605.57	5037	12290	613
H	Nov 2014	423	420	32	645	132	777	3601.87	5008	11929	780
I	Dec 2014	409	465	25	864	0	864	3597.75	4977	11537	880
S	Jan 2015	348	449	8	862	0	862	3593.57	4945	11147	878
T	Feb 2015	424	464	8	589	0	589	3592.23	4936	11024	595
O	Mar 2015	552	543	14	649	0	649	3591.02	4927	10913	656
R	Apr 2015	639	539	21	600	0	600	3590.18	4921	10837	610
I	May 2015	1613	1431	25	699	0	699	3597.27	4973	11491	708
C	Jun 2015	3389	2570	44	800	0	800	3613.54	5101	13090	801
A	Jul 2015	1072	1002	55	1048	0	1048	3612.62	5093	12996	1079
L	Aug 2015	313	466	54	799	0	799	3609.07	5065	12637	821
*	Sep 2015	276	435	49	714	0	714	3606.01	5040	12333	732
	WY 2015	**10174**	**9419**	**368**	**8868**	**132**	**9000**				**9154**
	Oct 2015	350	480	33	600	0	600	3604.56	5029	12191	609
	Nov 2015	350	452	32	600	0	600	3602.85	5016	12024	606
	Dec 2015	280	473	25	800	0	800	3599.46	4990	11698	806
	Jan 2016	280	419	8	800	0	800	3595.64	4961	11339	809
	Feb 2016	320	430	8	650	0	650	3593.36	4944	11127	655
	Mar 2016	500	438	14	650	0	650	3591.08	4927	10918	656
	Apr 2016	750	614	21	600	0	600	3591.00	4927	10912	610
	May 2016	1800	1709	26	650	0	650	3601.23	5003	11868	658
	Jun 2016	2350	2121	44	800	0	800	3613.15	5098	13050	809
	Jul 2016	800	752	54	1000	0	1000	3610.39	5075	12770	1015
	Aug 2016	350	462	53	1050	0	1050	3604.42	5028	12177	1067
	Sep 2016	320	432	47	800	0	800	3600.45	4997	11793	813
	WY 2016	**8450**	**8782**	**366**	**9000**	**0**	**9000**				**9113**
	Oct 2016	438	478	32	600	0	600	3598.95	4986	11650	609
	Nov 2016	439	457	31	600	0	600	3597.25	4973	11490	606
	Dec 2016	363	464	24	800	0	800	3593.67	4946	11156	806
	Jan 2017	361	475	7	800	0	800	3590.31	4922	10848	809
	Feb 2017	393	460	8	650	0	650	3588.28	4907	10665	655
	Mar 2017	665	583	13	650	0	650	3587.45	4901	10591	656
	Apr 2017	1056	860	21	600	0	600	3589.91	4919	10812	610
	May 2017	2343	2028	26	650	0	650	3603.26	5019	12064	658
	Jun 2017	2666	2294	45	800	0	800	3616.60	5126	13406	809
	Jul 2017	1091	1000	56	1000	0	1000	3616.10	5122	13354	1015
	Aug 2017	500	616	55	1050	0	1050	3611.69	5086	12902	1067
	Sep 2017	408	578	50	800	0	800	3609.20	5066	12650	813
	WY 2017	**10723**	**10295**	**369**	**9000**	**0**	**9000**				**9113**

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

October 2015 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Glen Release (1000 Ac-Ft)	Side Inflow Glen to Hoover (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Oct 2014	598	68	43	472	7.7	21	461	666	1082.79	10244
H	Nov 2014	777	44	43	695	11.7	13	692	670	1083.57	10309
I	Dec 2014	864	56	37	493	8.0	8	492	693	1087.79	10667
S	Jan 2015	862	73	31	832	13.5	6	832	697	1088.51	10729
T	Feb 2015	589	90	28	600	10.8	8	599	700	1088.98	10769
O	Mar 2015	649	57	31	1034	16.8	14	1033	677	1084.87	10419
R	Apr 2015	600	26	38	1087	18.3	20	1086	646	1079.03	9931
I	May 2015	699	25	43	871	14.2	25	862	632	1076.57	9729
C	Jun 2015	800	16	52	868	14.6	25	868	624	1075.08	9607
A	Jul 2015	1048	80	65	767	12.5	28	766	641	1078.15	9858
L	Aug 2015	799	115	70	803	13.1	27	802	642	1078.31	9871
*	Sep 2015	714	73	58	723	12.1	25	722	641	1078.10	9854
	WY 2015	**9000**	**724**	**540**	**9246**		**222**	**9216**			
	Oct 2015	600	61	42	617	10.0	21	617	639	1077.89	9837
	Nov 2015	600	50	42	601	10.1	12	601	639	1077.84	9832
	Dec 2015	800	96	36	569	9.3	8	569	656	1081.05	10098
	Jan 2016	800	72	30	696	11.3	8	696	665	1082.60	10228
	Feb 2016	650	77	28	627	10.9	7	627	669	1083.34	10290
	Mar 2016	650	61	31	1021	16.6	15	1021	647	1079.33	9956
	Apr 2016	600	76	38	1094	18.4	21	1094	618	1073.85	9508
	May 2016	650	49	42	1000	16.3	29	1000	595	1069.49	9159
	Jun 2016	800	23	50	928	15.6	30	928	584	1067.29	8985
	Jul 2016	1000	67	63	878	14.3	31	878	590	1068.43	9075
	Aug 2016	1050	127	68	782	12.7	29	782	608	1071.95	9355
	Sep 2016	800	114	56	722	12.1	16	722	615	1073.35	9468
	WY 2016	**9000**	**874**	**526**	**9534**		**225**	**9534**			
	Oct 2016	600	61	41	482	7.8	20	482	623	1074.72	9578
	Nov 2016	600	50	41	627	10.5	11	627	621	1074.38	9551
	Dec 2016	800	96	36	556	9.0	7	556	639	1077.80	9830
	Jan 2017	800	72	30	699	11.4	8	699	647	1079.34	9956
	Feb 2017	650	77	27	627	11.3	7	627	651	1080.08	10018
	Mar 2017	650	61	30	1025	16.7	15	1025	629	1075.97	9680
	Apr 2017	600	76	37	1098	18.5	21	1098	600	1070.37	9229
	May 2017	650	49	42	1004	16.3	30	1004	577	1065.89	8876
	Jun 2017	800	23	50	931	15.7	30	931	565	1063.61	8700
	Jul 2017	1000	67	62	881	14.3	31	881	571	1064.74	8787
	Aug 2017	1050	127	66	786	12.8	29	786	589	1068.29	9064
	Sep 2017	800	114	55	726	12.2	16	726	596	1069.66	9173
	WY 2017	**9000**	**874**	**518**	**9442**		**227**	**9442**			

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Managing Water in the West

October 2015 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Oct 2014	472	10	15	642	0	642	10.4	634.40	1470
H	Nov 2014	695	-6	10	629	0	629	10.6	636.32	1520
I	Dec 2014	493	-2	9	445	0	445	7.2	637.75	1558
S	Jan 2015	832	-22	10	660	0	660	10.7	642.98	1698
T	Feb 2015	600	-8	10	625	0	625	11.3	641.43	1656
O	Mar 2015	1034	-21	13	963	0	963	15.7	642.78	1693
R	Apr 2015	1087	-21	17	1022	0	1022	17.2	643.88	1723
I	May 2015	871	-10	22	854	0	854	13.9	643.30	1707
C	Jun 2015	868	-19	26	810	0	810	13.6	643.81	1721
A	Jul 2015	767	-14	25	762	0	762	12.4	642.57	1687
L	Aug 2015	803	-16	23	775	0	775	12.6	642.12	1675
*	Sep 2015	723	-16	18	758	0	758	12.7	639.56	1606
	WY 2015	**9246**	**-145**	**198**	**8945**	**0**	**8945**			
	Oct 2015	617	1	15	697	0	697	11.3	636.00	1512
	Nov 2015	601	-11	10	567	0	567	9.5	636.50	1525
	Dec 2015	569	-12	9	490	0	490	8.0	638.71	1583
	Jan 2016	696	-13	10	590	0	590	9.6	641.80	1666
	Feb 2016	627	-13	10	604	0	604	10.5	641.80	1666
	Mar 2016	1021	-15	13	959	0	959	15.6	643.05	1700
	Apr 2016	1094	-19	17	1060	0	1060	17.8	643.00	1699
	May 2016	1000	-15	22	963	0	963	15.7	643.00	1699
	Jun 2016	928	-17	25	912	0	912	15.3	642.00	1671
	Jul 2016	878	-13	25	853	0	853	13.9	641.50	1658
	Aug 2016	782	-10	23	749	0	749	12.2	641.50	1658
	Sep 2016	722	-6	18	738	0	738	12.4	640.01	1617
	WY 2016	**9534**	**-143**	**197**	**9182**	**0**	**9182**			
	Oct 2016	482	1	15	651	0	651	10.6	633.00	1434
	Nov 2016	627	-11	10	555	0	555	9.3	635.00	1486
	Dec 2016	556	-12	9	438	0	438	7.1	638.71	1583
	Jan 2017	699	-13	10	594	0	594	9.7	641.80	1666
	Feb 2017	627	-13	10	604	0	604	10.9	641.80	1666
	Mar 2017	1025	-15	13	963	0	963	15.7	643.05	1700
	Apr 2017	1098	-19	17	1064	0	1064	17.9	643.00	1699
	May 2017	1004	-15	22	967	0	967	15.7	643.00	1699
	Jun 2017	931	-17	25	916	0	916	15.4	642.00	1671
	Jul 2017	881	-13	25	856	0	856	13.9	641.50	1658
	Aug 2017	786	-10	23	753	0	753	12.2	641.50	1658
	Sep 2017	726	-6	18	742	0	742	12.5	640.01	1617
	WY 2017	**9442**	**-143**	**197**	**9102**	**0**	**9102**			

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Managing Water in the West

October 2015 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	Oct 2014	642	16	12	432	7.0	105	135	446.41	550	65	1.1
H	Nov 2014	629	9	9	351	5.9	102	147	447.77	576	89	1.5
I	Dec 2014	445	18	7	240	3.9	109	132	446.36	549	98	1.6
S	Jan 2015	660	17	6	348	5.7	105	180	448.22	584	146	2.4
T	Feb 2015	625	9	8	473	8.5	54	109	447.38	568	172	3.1
O	Mar 2015	963	3	9	707	11.5	86	146	447.89	578	219	3.6
R	Apr 2015	1022	15	11	752	12.6	104	154	448.09	582	210	3.5
I	May 2015	854	21	13	559	9.1	108	177	448.50	590	113	1.8
C	Jun 2015	810	19	16	615	10.3	104	77	448.89	597	109	1.8
A	Jul 2015	762	17	17	592	9.6	107	70	447.99	580	107	1.7
L	Aug 2015	775	16	17	580	9.4	107	70	448.30	586	93	1.5
*	Sep 2015	758	20	15	487	8.2	104	168	448.04	581	90	1.5
	WY 2015	**8945**	**181**	**140**	**6135**		**1195**	**1566**			**1510**	
	Oct 2015	697	25	12	486	7.9	105	117	447.80	576	58	1.0
	Nov 2015	567	27	9	365	6.1	94	127	447.50	571	92	1.6
	Dec 2015	490	21	7	290	4.7	97	132	446.50	552	104	1.7
	Jan 2016	590	18	6	347	5.6	85	164	446.50	552	130	2.1
	Feb 2016	604	11	8	438	7.6	79	83	446.50	552	161	2.8
	Mar 2016	959	15	9	729	11.9	85	137	446.70	555	205	3.3
	Apr 2016	1060	23	11	784	13.2	82	160	448.70	593	205	3.4
	May 2016	963	17	13	704	11.4	85	165	448.70	593	113	1.8
	Jun 2016	912	15	16	700	11.8	82	116	448.70	593	111	1.9
	Jul 2016	853	29	17	702	11.4	85	78	448.00	580	119	1.9
	Aug 2016	749	27	17	595	9.7	85	77	447.50	571	100	1.6
	Sep 2016	738	23	15	540	9.1	82	115	447.50	570	89	1.5
	WY 2016	**9182**	**252**	**139**	**6680**		**1043**	**1473**			**1489**	
	Oct 2016	651	25	12	450	7.3	85	122	447.50	571	55	0.9
	Nov 2016	555	27	9	367	6.2	82	119	447.50	571	103	1.7
	Dec 2016	438	21	7	276	4.5	85	106	446.50	552	108	1.7
	Jan 2017	594	18	6	347	5.6	79	174	446.50	552	130	2.1
	Feb 2017	604	11	8	438	7.9	70	93	446.50	552	161	2.9
	Mar 2017	963	15	9	730	11.9	79	147	446.70	555	205	3.3
	Apr 2017	1064	23	11	784	13.2	76	169	448.70	593	205	3.4
	May 2017	967	17	13	704	11.4	79	175	448.70	593	113	1.8
	Jun 2017	916	15	16	700	11.8	76	126	448.70	593	111	1.9
	Jul 2017	856	29	17	702	11.4	79	87	448.00	580	119	1.9
	Aug 2017	753	27	17	595	9.7	79	86	447.50	571	100	1.6
	Sep 2017	742	23	15	540	9.1	76	125	447.50	570	89	1.5
	WY 2017	**9102**	**252**	**139**	**6632**		**943**	**1530**			**1500**	

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

October 2015 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Oct 2014	472	7.7	1082.79	10244	122	442.74	1282.0	180.0	81	381.5
H	Nov 2014	695	11.7	1083.57	10309	65	437.62	1079.0	270.7	68	389.5
I	Dec 2014	493	8.0	1087.79	10667	358	446.86	889.0	189.0	55	383.3
S	Jan 2015	832	13.5	1088.51	10729	62	441.51	1018.0	333.5	63	400.6
T	Feb 2015	600	10.8	1088.98	10769	40	444.73	848.0	239.1	52	398.4
O	Mar 2015	1034	16.8	1084.87	10419	-350	440.21	952.0	412.2	60	398.7
R	Apr 2015	1087	18.3	1079.03	9931	-488	430.55	1217.0	427.4	76	393.2
I	May 2015	871	14.2	1076.57	9729	-202	432.58	1165.0	337.2	74	387.2
C	Jun 2015	868	14.6	1075.08	9607	-121	427.78	1573.0	332.0	100	382.4
A	Jul 2015	767	12.5	1078.15	9858	251	432.42	1455.0	292.7	94	381.4
L	Aug 2015	803	13.1	1078.31	9871	13	434.75	1451.0	307.8	93	383.4
*	Sep 2015	723	12.1	1078.10	9854	-17	435.36	1088.0	275.2	70	380.7
	WY 2015	**9246**							**3596.9**		
	Oct 2015	617	10.0	1077.89	9837	-17	431.19	1088.0	238.8	70	387.2
	Nov 2015	601	10.1	1077.84	9832	-4	430.88	1258.0	231.8	81	385.4
	Dec 2015	569	9.3	1081.05	10098	265	432.92	1075.0	219.0	68	384.8
	Jan 2016	696	11.3	1082.60	10228	130	434.95	875.0	275.3	55	395.8
	Feb 2016	627	10.9	1083.34	10290	62	434.35	987.0	244.8	62	390.6
	Mar 2016	1021	16.6	1079.33	9956	-334	431.68	1066.0	404.2	68	395.9
	Apr 2016	1094	18.4	1073.85	9508	-448	424.82	1297.0	425.6	84	388.9
	May 2016	1000	16.3	1069.49	9159	-350	418.97	1419.0	374.5	93	374.4
	Jun 2016	928	15.6	1067.29	8985	-173	415.35	1506.0	347.4	100	374.5
	Jul 2016	878	14.3	1068.43	9075	90	415.31	1513.0	332.2	100	378.5
	Aug 2016	782	12.7	1071.95	9355	280	417.78	1533.0	294.4	100	376.3
	Sep 2016	722	12.1	1073.35	9468	112	420.70	1542.0	272.1	100	376.9
	WY 2016	**9534**							**3660.1**		
	Oct 2016	482	7.8	1074.72	9578	111	425.60	1344.0	183.2	87	380.4
	Nov 2016	627	10.5	1074.38	9551	-27	428.30	1358.0	237.1	88	378.0
	Dec 2016	556	9.0	1077.80	9830	279	430.57	994.0	212.8	63	382.7
	Jan 2017	699	11.4	1079.34	9956	127	430.83	997.0	272.3	63	389.5
	Feb 2017	627	11.3	1080.08	10018	62	431.01	992.0	244.0	63	389.4
	Mar 2017	1025	16.7	1075.97	9680	-338	428.39	1046.6	403.1	68	393.1
	Apr 2017	1098	18.5	1070.37	9229	-451	421.43	1272.4	423.7	84	385.9
	May 2017	1004	16.3	1065.89	8876	-353	415.46	1390.5	372.8	93	371.4
	Jun 2017	931	15.7	1063.61	8700	-176	411.75	1475.6	345.8	100	371.3
	Jul 2017	881	14.3	1064.74	8787	87	411.67	1482.0	330.5	100	375.1
	Aug 2017	786	12.8	1068.29	9064	278	414.14	1502.0	293.1	100	373.1
	Sep 2017	726	12.2	1069.66	9173	109	417.06	1509.7	271.5	100	373.9
	WY 2017	**9442**							**3590.0**		

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RECLAMATION
Managing Water in the West

October 2015 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Oct 2014	642	10.4	634.40	1470	-175	134.93	191.3	72.3	75	112.7
H	Nov 2014	629	10.6	636.32	1520	50	136.47	158.1	74.4	62	118.2
I	Dec 2014	445	7.2	637.75	1558	37	134.54	165.8	52.7	65	118.4
S	Jan 2015	660	10.7	642.98	1698	141	141.44	163.2	82.8	64	125.4
T	Feb 2015	625	11.3	641.43	1656	-42	140.07	188.7	79.9	74	127.8
O	Mar 2015	963	15.7	642.78	1693	37	139.75	229.5	123.2	90	128.0
R	Apr 2015	1022	17.2	643.88	1723	30	141.00	255.0	129.5	100	126.8
I	May 2015	854	13.9	643.30	1707	-16	141.92	252.5	110.0	99	128.8
C	Jun 2015	810	13.6	643.81	1721	14	144.85	255.0	104.6	100	129.1
A	Jul 2015	762	12.4	642.57	1687	-34	140.97	255.0	98.4	100	129.1
L	Aug 2015	775	12.6	642.12	1675	-12	142.40	255.0	99.2	100	127.9
*	Sep 2015	758	12.7	639.56	1606	-69	137.76	255.0	95.5	100	126.0
	WY 2015	**8945**							**1122.4**		
	Oct 2015	697	11.3	636.00	1512	-94	132.11	201.5	84.9	79	121.8
	Nov 2015	567	9.5	636.50	1525	13	132.15	153.0	68.7	60	121.1
	Dec 2015	490	8.0	638.71	1583	58	133.38	158.1	60.2	62	122.9
	Jan 2016	590	9.6	641.80	1666	83	136.05	160.7	73.5	63	124.7
	Feb 2016	604	10.5	641.80	1666	0	136.69	188.7	75.9	74	125.7
	Mar 2016	959	15.6	643.05	1700	34	136.49	216.8	119.4	85	124.6
	Apr 2016	1060	17.8	643.00	1699	-2	136.07	255.0	131.9	100	124.5
	May 2016	963	15.7	643.00	1699	0	136.04	255.0	120.4	100	125.1
	Jun 2016	912	15.3	642.00	1671	-27	135.51	255.0	113.8	100	124.7
	Jul 2016	853	13.9	641.50	1658	-14	134.73	255.0	106.1	100	124.5
	Aug 2016	749	12.2	641.50	1658	0	134.46	255.0	93.5	100	124.8
	Sep 2016	738	12.4	640.01	1617	-40	133.68	255.0	91.6	100	124.1
	WY 2016	**9182**							**1140.1**		
	Oct 2016	651	10.6	633.00	1434	-183	129.77	234.6	78.8	92	120.9
	Nov 2016	555	9.3	635.00	1486	51	128.06	204.0	66.1	80	119.1
	Dec 2016	438	7.1	638.71	1583	97	130.45	224.4	53.6	88	122.6
	Jan 2017	594	9.7	641.80	1666	83	135.03	191.3	74.0	75	124.6
	Feb 2017	604	10.9	641.80	1666	0	137.09	176.0	75.8	69	125.6
	Mar 2017	963	15.7	643.05	1700	34	135.44	255.0	119.9	100	124.6
	Apr 2017	1064	17.9	643.00	1699	-2	136.07	255.0	132.4	100	124.4
	May 2017	967	15.7	643.00	1699	0	136.04	255.0	120.9	100	125.1
	Jun 2017	916	15.4	642.00	1671	-27	135.51	255.0	114.2	100	124.7
	Jul 2017	856	13.9	641.50	1658	-14	134.73	255.0	106.6	100	124.5
	Aug 2017	753	12.2	641.50	1658	0	134.46	255.0	93.9	100	124.8
	Sep 2017	742	12.5	640.01	1617	-40	133.68	255.0	92.1	100	124.1
	WY 2017	**9102**							**1128.4**		

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Managing Water in the West

October 2015 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Oct 2014	432	7.0	446.41	550	-33	80.56	91.2	30.8	76	71.3
H	Nov 2014	351	5.9	447.77	576	25	81.18	96.0	24.4	80	69.4
I	Dec 2014	240	3.9	446.36	549	-26	81.87	120.0	15.5	100	64.8
S	Jan 2015	348	5.7	448.22	584	35	82.97	93.6	24.3	78	69.7
T	Feb 2015	473	8.5	447.38	568	-16	81.70	94.8	33.2	79	70.2
O	Mar 2015	707	11.5	447.89	578	10	79.76	108.0	49.6	90	70.2
R	Apr 2015	752	12.6	448.09	582	4	80.20	120.0	52.5	100	69.8
I	May 2015	559	9.1	448.50	590	8	81.62	112.8	39.5	94	70.7
C	Jun 2015	615	10.3	448.89	597	7	79.48	120.0	43.6	100	70.8
A	Jul 2015	592	9.6	447.99	580	-17	81.75	120.0	41.8	100	70.7
L	Aug 2015	580	9.4	448.30	586	6	82.40	120.0	40.9	100	70.4
*	Sep 2015	487	8.2	448.04	581	-5	82.23	120.0	34.6	100	71.1
	WY 2015	**6135**							**430.7**		
	Oct 2015	486	7.9	447.80	576	-4	76.15	100.8	32.0	84	65.8
	Nov 2015	365	6.1	447.50	571	-6	76.07	97.2	23.7	81	65.0
	Dec 2015	290	4.7	446.50	552	-19	74.40	120.0	18.2	100	62.7
	Jan 2016	347	5.6	446.50	552	0	75.13	93.6	22.3	78	64.1
	Feb 2016	438	7.6	446.50	552	0	74.71	102.0	28.4	85	64.7
	Mar 2016	729	11.9	446.70	555	4	74.01	120.0	47.4	100	65.0
	Apr 2016	784	13.2	448.70	593	38	75.08	120.0	51.7	100	66.0
	May 2016	704	11.4	448.70	593	0	76.05	120.0	46.8	100	66.5
	Jun 2016	700	11.8	448.70	593	0	76.05	120.0	46.6	100	66.5
	Jul 2016	702	11.4	448.00	580	-13	75.71	120.0	46.5	100	66.2
	Aug 2016	595	9.7	447.50	571	-9	75.13	120.0	39.0	100	65.4
	Sep 2016	540	9.1	447.50	570	0	74.89	120.0	35.2	100	65.1
	WY 2016	**6680**							**437.5**		
	Oct 2016	450	7.3	447.50	571	0	75.74	100.8	29.4	84	65.3
	Nov 2016	367	6.2	447.50	571	0	75.92	97.2	23.8	81	64.9
	Dec 2016	276	4.5	446.50	552	-19	74.40	120.0	17.2	100	62.5
	Jan 2017	347	5.6	446.50	552	0	74.89	98.4	22.2	82	63.9
	Feb 2017	438	7.9	446.50	552	0	75.07	94.8	28.5	79	65.1
	Mar 2017	730	11.9	446.70	555	4	74.01	120.0	47.4	100	65.0
	Apr 2017	784	13.2	448.70	593	38	75.08	120.0	51.7	100	66.0
	May 2017	704	11.4	448.70	593	0	76.05	120.0	46.8	100	66.5
	Jun 2017	700	11.8	448.70	593	0	76.05	120.0	46.6	100	66.5
	Jul 2017	702	11.4	448.00	580	-13	75.71	120.0	46.5	100	66.2
	Aug 2017	595	9.7	447.50	571	-9	75.13	120.0	39.0	100	65.4
	Sep 2017	540	9.1	447.50	570	0	74.89	120.0	35.2	100	65.1
	WY 2017	**6632**							**434.2**		

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

October 2015 24-Month Study

Most Probable Inflow*

Upper Basin Power

	Date	Glen Canyon 1000 MWHR	Flaming Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Reservoir 1000 MWHR	Fontenelle Reservoir 1000 MWHR
*	Oct 2014	264	36	18	17	14	7
H	Nov 2014	281	30	7	7	4	6
I	Dec 2014	377	43	15	19	11	6
S	Jan 2015	373	48	16	20	10	6
T	Feb 2015	254	44	8	10	2	5
O	Mar 2015	278	48	7	9	5	6
	Winter 2015	**1827**	**250**	**72**	**83**	**46**	**37**
R	Apr 2015	256	28	13	17	11	7
I	May 2015	299	65	21	30	18	8
C	Jun 2015	348	40	38	67	21	9
A	Jul 2015	471	42	41	53	22	8
L	Aug 2015	357	42	32	38	21	7
*	Sep 2015	317	40	28	37	18	0
	Summer 2015	**2049**	**256**	**173**	**241**	**111**	**39**
	Oct 2015	239	48	25	26	12	5
	Nov 2015	238	48	14	16	8	5
	Dec 2015	316	49	33	40	20	5
	Jan 2016	313	49	17	21	11	4
	Feb 2016	253	46	12	15	8	4
	Mar 2016	252	19	10	13	7	4
	Winter 2016	**1610**	**260**	**111**	**132**	**66**	**27**
	Apr 2016	232	17	14	21	11	5
	May 2016	254	40	35	50	23	6
	Jun 2016	320	54	17	26	17	8
	Jul 2016	403	33	29	35	18	10
	Aug 2016	420	33	33	39	20	7
	Sep 2016	317	32	29	35	18	6
	Summer 2016	**1945**	**210**	**156**	**205**	**106**	**42**
	Oct 2016	236	33	14	18	9	6
	Nov 2016	235	32	5	7	4	6
	Dec 2016	312	33	21	27	14	6
	Jan 2017	309	33	25	31	16	5
	Feb 2017	250	30	17	23	11	4
	Mar 2017	249	33	7	11	6	5
	Winter 2017	**1592**	**194**	**90**	**116**	**61**	**32**
	Apr 2017	230	32	11	18	11	5
	May 2017	254	54	32	49	23	7
	Jun 2017	322	69	22	33	22	9
	Jul 2017	407	36	35	42	23	10
	Aug 2017	425	36	38	45	23	10
	Sep 2017	322	35	36	43	22	9
	Summer 2017	**1639**	**227**	**138**	**187**	**101**	**40**

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

October 2015 24-Month Study

Most Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions

Date	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Total KAF	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****CREDITABLE SPACE****										
Oct 2015	389	104	304	11989	12787	17523	30310	389	104	304	798	11989	17523	30310	3040	617	0	30.0
Nov 2015	482	149	307	12131	13069	17540	30609	482	149	307	938	12131	17540	30609	3810	601	0	29.7
Dec 2015	573	164	310	12298	13345	17545	30889	573	164	310	1047	12298	17545	30889	4580	569	0	29.5
Jan 2016	678	248	318	12624	13867	17279	31146	678	248	318	1244	12624	17279	31146	5350	696	0	29.2
								****EFFECTIVE SPACE****										
Jan 2016	678	248	318	12624	13867	17279	31146	260	170	17	447	12624	17279	30349	5350	696	0	29.2
Feb 2016	776	282	328	12983	14368	17149	31517	358	205	26	589	12983	17149	30722	1500	627	0	29.0
Mar 2016	864	302	330	13195	14691	17087	31778	447	227	27	701	13195	17087	30984	1500	1021	0	28.5
Apr 2016	833	301	309	13404	14847	17421	32268	411	228	-1	638	13404	17421	31463	1500	1094	0	28.2
May 2016	772	283	277	13410	14742	17869	32611	341	209	-55	495	13410	17869	31775	1500	1000	0	28.9
Jun 2016	712	245	340	12454	13751	18218	31970	272	152	-29	395	12454	18218	31067	1500	928	0	30.0
Jul 2016	552	102	451	11272	12377	18392	30769	99	-12	30	117	11272	18392	29780	1500	878	0	29.9
								****CREDITABLE SPACE****										
Aug 2016	471	109	479	11552	12611	18302	30912	471	109	479	1059	11552	18302	30912	1500	782	0	29.4
Sep 2016	501	159	499	12145	13304	18022	31326	501	159	499	1159	12145	18022	31326	2270	722	0	29.0
Oct 2016	551	212	502	12529	13794	17909	31703	551	212	502	1264	12529	17909	31703	3040	482	0	28.7
Nov 2016	594	217	495	12672	13977	17799	31776	594	217	495	1306	12672	17799	31776	3810	627	0	28.6
Dec 2016	635	203	496	12832	14167	17826	31993	635	203	496	1335	12832	17826	31993	4580	556	0	28.5
Jan 2017	693	248	501	13166	14608	17547	32155	693	248	501	1442	13166	17547	32155	5350	699	0	28.3
								****EFFECTIVE SPACE****										
Jan 2017	693	248	501	13166	14608	17547	32155	382	248	363	993	13166	17547	31706	5350	699	0	28.3
Feb 2017	745	307	508	13474	15034	17421	32455	432	307	369	1109	13474	17421	32003	1500	627	0	28.1
Mar 2017	785	343	504	13657	15289	17359	32648	470	343	364	1177	13657	17359	32193	1500	1025	0	27.8
Apr 2017	777	332	452	13731	15292	17697	32989	458	332	306	1096	13731	17697	32524	1500	1098	0	27.8
May 2017	738	297	364	13510	14910	18148	33058	412	297	196	906	13510	18148	32564	1500	1004	0	28.9
Jun 2017	650	201	271	12258	13381	18501	31882	314	196	66	576	12258	18501	31336	1500	931	0	30.4
Jul 2017	463	35	296	10916	11709	18677	30387	112	7	37	156	10916	18677	29750	1500	881	0	30.5
								****CREDITABLE SPACE****										
Aug 2017	370	27	316	10968	11681	18590	30271	370	27	316	713	10968	18590	30271	1500	786	0	30.2
Sep 2017	395	77	350	11420	12242	18313	30555	395	77	350	822	11420	18313	30555	2270	726	0	29.9

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2207

Processed On: 10/13/2015 3:12:05PM

November 24-Month Study
Date: November 12, 2015

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

Reservoir	October Inflow (unregulated) (acre-feet)	Percent of Average (%)	November 11, Midnight Elevation (feet)	Reservoir Storage (acre-feet)
Fontenelle	46,000	95	6490.95	233,000
Flaming Gorge	47,000	80	6030.03	3,350,000
Blue Mesa	33,000	87	7501.45	673,000
Navajo	42,000	90	6063.71	1,396,000
Powell	535,000	104	3606.22	12,354,000

Expected Operations

The operation of Lake Powell and Lake Mead in this November 2015 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines), and reflects the 2015 Annual Operating Plan (AOP) and the draft 2016 AOP. Pursuant to the Interim Guidelines, the August 2015 24-Month Study projections of the January 1, 2016, system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2016.

Consistent with Section 6.B of the Interim Guidelines, Lake Powell's operations in water year 2016 will be governed by the Upper Elevation Balancing Tier, with an initial water year release volume of 8.23 maf and the potential for an April adjustment to equalization or balancing releases in April 2016. This November 2015 24-Month Study indicates that, consistent with Section 6.B.4 of the Interim Guidelines, an April adjustment to balancing releases is projected to occur and Lake Powell is projected to release 9.0 maf in water year 2016.

Consistent with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar years 2015 and 2016.

The 2016 operating determinations for Lake Powell and Lake Mead will be documented in the 2016 AOP, which is currently in the final stages of development.

The Interim Guidelines are available for download at:
http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The 2015 AOP is available for download at:
http://www.usbr.gov/uc/water/rsvrs/ops/aop/AOP15.pdf.
The draft 2016 AOP is available for download at:
http://www.usbr.gov/lc/region/g4000/AOP2016/AOP16_draft.pdf.

Fontenelle Reservoir – Fontenelle is currently at elevation 6491.0 feet, which amounts to 68 percent of live storage capacity. Inflows for the month of October totaled 46,000 AF, or 95 percent of average. Recent daily inflow averages have ranged from 620 cfs to 860 cfs.

Reservoir releases were reduced to 950 cfs on Monday, October 19, 2015. The Colorado Basin River Forecast Center has forecasted winter inflows that are slightly below average. November, December and January forecasted inflow volumes amount to 38,000 AF (90% of average), 30,000 AF (94% of average), and 27,000 AF (89% of average), respectively. It is anticipated that releases will be maintained at a baseflow of 950 cfs until Spring 2016.

The next Fontenelle Working Group meeting is scheduled for 10:00 am, April 20, 2016. The meeting will be held at the Seedskadee Wildlife Refuge in Green River, Wyoming. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir.

Flaming Gorge Reservoir – Flaming Gorge Dam is currently releasing an average daily base flow of 2,200 cfs. It is anticipated that releases will remain at 2,200 cfs through February 29, 2016. Base flow releases are subject to observed hydrology and all projections may change.

Unregulated inflow into Flaming Gorge Reservoir during the month of October was 47,000 acre-feet (AF), or 80 percent of average. The reservoir elevation is 6,030 feet and decreasing. Observed inflows are averaging 1,190 cubic feet per second (cfs).
Inflows for the next three months are projected to be below average: with November, December and January forecasted inflow volumes at 44,000 AF (86% of average), 30,000 AF (86% of average), and 35,000 AF (87% of average), respectively.

The next Flaming Gorge Working Group meeting is scheduled for April 21, 2016, at 11:00 a.m. to be held in the Utah Department of Natural Resources building in Vernal, Utah. The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stake holders of Flaming Gorge Dam. The public

is encouraged to attend and comment on the operations and plans presented by Reclamation at these meetings. Meeting notes from past Working Group meetings are posted on the Working Group webpage. For more information on this group and these meetings please contact Peter Crookston at 801-379-1152 or Heather Patno at 801-524-3883.

Aspinall Unit Reservoirs – October unregulated inflow into Blue Mesa Reservoir was 33,000 acre-feet or 87 percent of average. Precipitation during October was observed to be about 95 percent of average. The current inflow rate into Blue Mesa Reservoir is about 600 cfs while reservoir releases are averaging about 500 cfs. Blue Mesa's present elevation is 7501.43 feet, which corresponds to a storage content of about 673,000 acre-feet. The unregulated reservoir inflow into Blue Mesa Reservoir during water year 2015 was 1.04 million acre-feet, or about 109 percent of average.

Releases from Crystal are currently set at 600 cfs. The Gunnison Diversion Tunnel was shut down for the season on October 31st, with exception of some small 50 to 100 cfs diversions taken bi-weekly for municipal water needs in Montrose, Colorado. River flows below the tunnel are essentially the same as releases from the Dam. With Blue Mesa Reservoir being above the winter target elevation of 7490 feet, Aspinall reservoir releases maybe increasing over the remainder of November through December to help meet icing target.

Pursuant to the Aspinall Unit Operations Record of Decision (ROD), the baseflow target in the lower Gunnison River, as measured at the Whitewater gage, is 1050 cfs for September through December. Flows in the lower Gunnison River are currently above the baseflow target of 1050 cfs.

On November 2, 2015, the National Weather Service's River Forecasting Center issued its forecasted inflow into Blue Mesa for the next 3 months. The unregulated inflow forecast for November, December, and January is for 80,000 acre-feet, which is 99% of average for these months.

The next operation meeting is scheduled for 1:00 p.m., Thursday, January 21st, 2016 at the Holiday Inn Express in Montrose, Colorado. At this meeting, review of last summer and fall reservoir operations, and plans for this winter and next spring 2016 operations will be discussed. These meetings are open forum discussions on the Aspinall Unit reservoir operations with many interested groups participating. Anyone needing further information about these meetings should contact Erik Knight in the Grand Junction Area Office at (970) 248-0629.

Navajo Reservoir – Navajo Reservoir - As of November 12th, Navajo is releasing 350 cfs. Releases are made for the authorized purposes of the Navajo Unit, and to attempt to maintain a target base flow through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell). The San Juan River Basin Recovery

Implementation Program recommends a target base flow of between 500 cfs and 1,000 cfs through the critical habitat area. The target base flow is calculated as the weekly average of gaged flows throughout the critical habitat area.

Navajo was at 6063.4 ft of pool elevation and 1,392,037 acre-feet of storage by the end of October, which was 101% of average for the end of the month. Modified unregulated inflow into Navajo was 42,061 acre-feet, which was 89% of average for the month. Calculated evaporation for the month was 1,784 acre-ft. NIIP diverted a total of 9,179 acre-ft. The release averaged close to 470 cfs throughout the month. Precipitation at the dam totaled 2.59 inches (211% of average).

As of November 2nd, the release at Navajo (as measured at the USGS at Archuleta gage) was 438 cfs, and the observed inflow is 790 cfs. NIIP has shut off diversions for the season. The reservoir elevation is 6063.53 feet and the content is 1,393,348 acre-feet, or 82% full (70% of Active), and gaining storage. The San Juan River at Four Corners USGS gage is at 799 cfs, and the Animas River at Farmington USGS gage is at 453 cfs. SNOTEL sites above Navajo are showing 0.4 inches of SWE (25% of median on this date).

The most probable modified-unregulated inflow forecast for November at Navajo is 32,000 acre-feet (89% of average), for December is 23,000 acre-feet (92% of average), and for January is 20,000 acre-feet (91% of average).

The most probable forecast shows the reservoir will reach a minimum overwinter storage level near 6062.63 feet (1,382,000 acre-feet) in February of 2016.

Glen Canyon Dam / Lake Powell

Current Status

The unregulated inflow to Lake Powell in October was 535 kaf (104% of average). The release volume from Glen Canyon Dam in October was 600 kaf. The end of October elevation and storage of Lake Powell were 3,606.4 feet (94 feet from full pool) and 12.4 maf (51% of full capacity), respectively. The water year 2015 unregulated inflow to Lake Powell was 10.17 million acre-feet (maf) (94% of average). The water year 2015 release from Lake Powell was 9.0 maf. The reservoir elevation peaked at 3,614 feet on July 14, 2015 and is now in its seasonal decline through the fall and winter months.

Current Operations

The operating tier for water year 2016, established in August 2015, is the Upper Elevation Balancing Tier, with an initial water year release volume of 8.23 maf and the potential for an April 2016 adjustment to equalization or balancing releases. Based on the current forecast, an April adjustment to balancing releases is projected to occur and Lake Powell is currently projected to release 9.0 maf in water year 2016. This projection will be updated each month throughout the water year.

In November 2015, the release volume will be approximately 600 thousand acre-feet (kaf), with fluctuations anticipated between approximately 7,000 cfs and 13,000 cfs and consistent with the Glen Canyon Operating Criteria (Federal Register, Volume 62, No. 41, March 3, 1997). The anticipated release volume for December is approximately 900 kaf with daily fluctuations between approximately 11,000 cfs and 19,000 cfs. The expected release for January is 900 kaf with daily fluctuations between approximately 11,000 cfs and 19,000 cfs.

In addition to daily scheduled fluctuations for power generation, the instantaneous releases from Glen Canyon Dam may also fluctuate to provide 40 MW of system regulation. These instantaneous release adjustments stabilize the electrical generation and transmission system and translate to a range of about 1,200 cfs above or below the hourly scheduled release rate. Under system normal conditions, fluctuations for regulation are typically short lived and generally balance out over the hour with minimal or no noticeable impacts on downstream river flow conditions.

Releases from Glen Canyon Dam can also fluctuate beyond scheduled releases when called upon to respond to unscheduled power outages or power system emergencies. Depending on the severity of the system emergency, the response from Glen Canyon Dam can be significant, within the full range of the operating capacity of the power plant for as long as is necessary to maintain balance in the transmission system. Glen Canyon Dam currently maintains 27 MW (approximately 800 cfs) of generation capacity in reserve in order to respond to a system emergency even when generation rates are already high. System emergencies occur fairly infrequently and typically require small responses from Glen Canyon Dam. However, these responses can have a noticeable impact on the river downstream of Glen Canyon Dam.

Inflow Forecasts and Model Projections

The forecast for water year 2016 unregulated inflow to Lake Powell, issued on November 2, 2015, by the Colorado Basin River Forecast Center, projects that the most probable (median) unregulated inflow volume next year will be 8.39 maf (77% of average). This is a slight decrease (60 kaf) from the October forecast for water year 2016. There is significant uncertainty regarding next season's snow pack development and resulting runoff into Lake Powell. The forecast ranges from a minimum probable of 6.2 maf (57%) to a maximum probable of 16.0 maf (148%). There is a 10% chance that inflows could be higher than the current maximum probable forecast and a 10% chance that inflows could be lower than the minimum probable forecast.

Based on the current forecast, the November 24-Month Study projects Lake Powell elevation will end water year 2016 near 3,598 feet with approximately 11.6 maf in storage (46% capacity). Note that projections of elevation and storage for water year 2016 have significant uncertainty at this point in the season. Projections of elevation and storage using the minimum and maximum probable inflow forecast, updated in October, are 3,581 feet (10.0 maf, 43% capacity) and 3,639 feet (15.9 maf, 65% capacity), respectively. Under these scenarios, there is a 10 percent chance that inflows will be higher, resulting in higher elevation and storage, and 10 percent chance that inflows will

be lower, potentially in lower elevation and storage. The annual release volume from Lake Powell during water year 2016 is projected to be 9.0 maf under the minimum and most probable inflow scenarios and 11.4 maf under the maximum probable inflow scenario. There is a chance that inflows could be higher or lower, potentially resulting in releases greater than 11.4 maf or as low as 8.23 maf in water year 2016. The minimum and maximum probable scenarios will be updated again in January.

Upper Colorado River Basin Hydrology

The Upper Colorado River Basin regularly experiences significant year to year hydrologic variability. During the 16-year period 2000 to 2015, however, the unregulated inflow to Lake Powell, which is a good measure of hydrologic conditions in the Colorado River Basin, was above average in only 3 out of the past 16 years. The period 2000-2015 is the lowest 16-year period since the closure of Glen Canyon Dam in 1963, with an average unregulated inflow of 8.51 maf, or 79% of the 30-year average (1981-2010). (For comparison, the 1981-2010 total water year average is 10.83 maf.) The unregulated inflow during the 2000-2015 period has ranged from a low of 2.64 maf (24% of average) in water year 2002 to a high of 15.97 maf (147% of average) in water year 2011. The water year 2015 unregulated inflow volume to Lake Powell was 10.17 maf (94% of average), which, though still below average, was significantly higher than inflows observed in 2012 and 2013 (45% and 47% of average, respectively). Under the current most probable forecast, total water year 2016 unregulated inflows to Lake Powell is projected to be 8.39 maf (77% of average).

At the beginning of water year 2016, total system storage in the Colorado River Basin was 30.3 maf (51% of 59.6 maf total system capacity). This is nearly the same as the total storage at the beginning of water years 2014 and 2015 which began at 29.9 maf and 30.0 maf, respectively, both of which were 50% of capacity. Since the beginning of water year 2000, total Colorado Basin storage has experienced year to year increases and decreases in response to wet and dry hydrology, ranging from a high of 94% of capacity at the beginning of 2000 to a low of 50% of capacity at the beginning of water year 2005. One wet year can significantly increase total system reservoir storage, just as persistent dry years can draw down the system storage. Based on current inflow forecasts, the current projected end of water year total Colorado Basin reservoir storage for water year 2016 is approximately 29.0 maf (49% of total system capacity).The actual end of water year 2016 system storage may vary from this projection, primarily due to uncertainty regarding next season's snowpack and resulting runoff and reservoir inflow. Based on the October minimum and maximum probable inflow forecasts and modeling, the range of end of water year 2016 total system capacity is approximately 26.8 maf (45%) to 36.4 maf (61%), respectively.

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-430
125 SOUTH STATE STREET, ROOM 6107
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-3709

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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:	Obs			oct	Forecast		
:	jul	aug	sep	oct	%Avg	nov	dec	jan
GLDA3:Lake Powell	1072	313	276	535	104%:	400/	280/	280/
GBRW4:Fontenelle	126	53	37	46	95%:	38/	30/	27/
GRNU1:Flaming Gorge	157	56	39	47	80%:	44/	30/	35/
BMDC2:Blue Mesa	131	59	39	33	87%:	30/	26/	24/
MPSC2:Morrow Point	135	60	39	34	84%:	31/	26/	24/
CLSC2:Crystal	143	63	42	37	79%:	35/	29/	27/
TPIC2:Taylor Park	22	9.7	7.7	7.4	111%:	5.5/	5/	4.5/
VCRC2:Vallecito	37	12.9	10.7	16.8	107%:	10/	6.5/	5.5/
NVRN5:Navajo	76	14.8	15.4	42	90%:	32/	23/	20/
LEMC2:Lemon	7.5	2.1	1.60	3.1	97%:	1.7/	1.1/	0.9/
MPHC2:McPhee	26	7.3	6.8	5.3	60%:	5.5/	4/	3.5/
RBSC2:Ridgway	24	10.6	6.5	6.2	80%:	5/	4.4/	3.9/

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

November 2015 24-Month Study

Most Probable Inflow*

Fontenelle Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Nov 2014	53	1	69	1	69	6499.16	292
H	Dec 2014	51	1	77	0	77	6495.49	265
I	Jan 2015	46	1	77	0	77	6490.98	234
S	Feb 2015	46	1	69	1	69	6487.37	210
T	Mar 2015	70	1	78	0	78	6486.00	201
O	Apr 2015	87	1	102	0	103	6483.35	185
R	May 2015	223	2	104	4	108	6499.95	298
I	Jun 2015	332	3	101	229	330	6499.84	297
C	Jul 2015	126	3	91	17	108	6501.77	312
A	Aug 2015	53	2	83	1	84	6497.37	279
L	Sep 2015	37	2	0	61	61	6493.88	254
	WY 2015	**1210**	**16**	**930**	**324**	**1254**		
*	Oct 2015	46	1	46	15	61	6491.60	238
	Nov 2015	38	1	57	0	57	6488.64	219
	Dec 2015	30	1	58	0	58	6484.11	190
	Jan 2016	27	1	58	0	58	6478.42	158
	Feb 2016	27	0	55	0	55	6472.57	130
	Mar 2016	45	0	58	0	58	6469.38	117
	Apr 2016	70	1	74	0	74	6468.18	112
	May 2016	140	1	96	14	111	6474.61	140
	Jun 2016	280	2	101	19	120	6499.87	298
	Jul 2016	170	3	101	21	122	6505.72	343
	Aug 2016	67	2	74	0	74	6504.58	334
	Sep 2016	41	2	70	0	70	6500.62	304
	WY 2016	**981**	**15**	**848**	**70**	**918**		
	Oct 2016	45	1	71	0	71	6497.02	277
	Nov 2016	41	1	68	0	68	6493.00	248
	Dec 2016	32	1	71	0	71	6487.06	209
	Jan 2017	30	1	71	0	71	6480.22	168
	Feb 2017	28	0	64	0	64	6472.77	131
	Mar 2017	53	0	71	0	71	6468.47	113
	Apr 2017	85	1	74	0	74	6470.95	123
	May 2017	164	1	99	5	105	6482.54	181
	Jun 2017	299	2	103	63	167	6501.65	311
	Jul 2017	178	3	100	42	141	6505.90	345
	Aug 2017	77	2	100	5	105	6502.05	315
	Sep 2017	46	2	101	0	101	6494.30	257
	WY 2017	**1077**	**15**	**992**	**115**	**1108**		
	Oct 2017	49	1	105	0	105	6485.74	200

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2210

Processed On: 11/10/2015 5:22:38PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

November 2015 24-Month Study

Most Probable Inflow*

Flaming Gorge Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	Nov 2014	65	81	4	77	0	77	133	6028.63	3296	134
H	Dec 2014	53	79	2	113	0	113	131	6027.71	3262	164
I	Jan 2015	67	98	2	124	0	124	130	6026.99	3234	171
S	Feb 2015	63	86	2	113	0	113	129	6026.25	3207	168
T	Mar 2015	77	85	3	124	0	124	127	6025.15	3166	219
O	Apr 2015	112	127	5	73	0	73	129	6026.41	3213	252
R	May 2015	333	218	8	169	57	226	129	6026.01	3198	652
I	Jun 2015	434	432	11	100	0	100	141	6034.01	3506	482
C	Jul 2015	157	140	14	104	0	104	142	6034.55	3528	195
A	Aug 2015	56	87	13	104	0	104	141	6033.81	3498	130
L	Sep 2015	39	62	11	100	1	101	139	6032.59	3450	127
	WY 2015	**1562**	**1606**	**82**	**1293**	**58**	**1352**				**2853**
*	Oct 2015	48	63	7	131	0	131	136	6030.73	3377	162
	Nov 2015	44	63	4	131	0	131	133	6028.94	3308	152
	Dec 2015	30	58	2	135	0	135	130	6026.94	3233	154
	Jan 2016	35	66	2	135	0	135	127	6025.12	3165	151
	Feb 2016	40	68	2	127	0	127	125	6023.52	3106	144
	Mar 2016	88	101	3	52	0	52	127	6024.75	3151	105
	Apr 2016	115	119	5	48	0	48	129	6026.48	3215	198
	May 2016	185	156	8	110	0	110	131	6027.44	3251	530
	Jun 2016	340	180	10	150	0	150	132	6027.94	3270	530
	Jul 2016	200	152	14	95	0	95	133	6029.02	3311	151
	Aug 2016	78	85	13	95	0	95	132	6028.44	3289	112
	Sep 2016	50	79	11	92	0	92	131	6027.82	3265	103
	WY 2016	**1253**	**1190**	**80**	**1302**	**0**	**1302**				**2493**
	Oct 2016	55	81	7	95	0	95	131	6027.26	3245	119
	Nov 2016	50	77	3	92	0	92	130	6026.80	3227	119
	Dec 2016	35	74	2	95	0	95	129	6026.19	3205	121
	Jan 2017	40	81	2	95	0	95	128	6025.77	3189	120
	Feb 2017	45	81	2	86	0	86	128	6025.58	3182	114
	Mar 2017	102	120	3	95	0	95	129	6026.15	3203	172
	Apr 2017	134	122	5	92	0	92	130	6026.80	3227	307
	May 2017	245	186	8	150	0	150	131	6027.53	3255	682
	Jun 2017	390	257	10	187	0	187	133	6029.03	3312	608
	Jul 2017	210	174	14	98	0	98	136	6030.58	3371	198
	Aug 2017	89	117	13	98	0	98	136	6030.71	3376	124
	Sep 2017	55	110	11	95	0	95	136	6030.80	3380	114
	WY 2017	**1449**	**1480**	**80**	**1281**	**0**	**1281**				**2798**
	Oct 2017	59	115	7	98	0	98	136	6031.03	3389	131

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2210

Processed On: 11/10/2015 5:22:38PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

November 2015 24-Month Study

Most Probable Inflow*

Taylor Park Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Nov 2014	7	6	9315.85	80
H	Dec 2014	6	6	9315.74	79
I	Jan 2015	6	6	9315.48	79
S	Feb 2015	4	5	9314.94	78
T	Mar 2015	7	6	9315.31	79
O	Apr 2015	9	6	9317.32	82
R	May 2015	19	10	9321.95	91
I	Jun 2015	61	49	9328.14	102
C	Jul 2015	22	29	9324.75	96
A	Aug 2015	10	23	9317.56	83
L	Sep 2015	8	19	9311.10	72
	WY 2015	**167**	**172**		
*	Oct 2015	7	8	9310.71	71
	Nov 2015	6	6	9310.40	71
	Dec 2015	5	6	9309.77	70
	Jan 2016	5	6	9308.82	68
	Feb 2016	4	6	9307.52	66
	Mar 2016	4	6	9306.21	64
	Apr 2016	7	6	9306.87	65
	May 2016	23	6	9317.25	82
	Jun 2016	36	18	9326.91	100
	Jul 2016	14	20	9323.81	94
	Aug 2016	8	18	9318.38	84
	Sep 2016	6	14	9313.76	76
	WY 2016	**124**	**120**		
	Oct 2016	6	12	9309.98	70
	Nov 2016	5	6	9309.21	69
	Dec 2016	5	6	9308.37	67
	Jan 2017	4	6	9307.29	66
	Feb 2017	4	6	9305.84	63
	Mar 2017	4	6	9304.79	62
	Apr 2017	9	6	9306.64	65
	May 2017	28	14	9315.48	79
	Jun 2017	42	21	9326.73	100
	Jul 2017	20	21	9326.29	99
	Aug 2017	10	20	9321.19	89
	Sep 2017	7	16	9316.37	80
	WY 2017	**144**	**140**		
	Oct 2017	7	12	9313.23	75

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

November 2015 24-Month Study

Most Probable Inflow*

Blue Mesa Reservoir

	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Nov 2014	37	36	0	27	0	27	7491.85	596
H	Dec 2014	34	34	0	55	0	55	7489.11	574
I	Jan 2015	30	30	0	58	0	58	7485.48	547
S	Feb 2015	28	29	0	29	0	29	7485.47	547
T	Mar 2015	54	53	0	26	0	26	7488.96	573
O	Apr 2015	73	70	1	45	0	45	7492.04	597
R	May 2015	136	128	1	71	0	71	7498.96	653
I	Jun 2015	368	356	1	125	62	192	7517.76	815
C	Jul 2015	131	137	2	135	10	145	7516.74	806
A	Aug 2015	59	73	1	105	0	105	7512.97	772
L	Sep 2015	39	50	1	95	0	95	7507.65	726
	WY 2015	**1042**	**1047**	**9**	**835**	**72**	**912**		
*	Oct 2015	33	34	1	87	0	87	7501.39	673
	Nov 2015	30	31	0	45	0	45	7499.60	658
	Dec 2015	26	27	0	104	0	104	7490.00	581
	Jan 2016	24	26	0	59	0	59	7485.61	548
	Feb 2016	21	23	0	40	0	40	7483.32	530
	Mar 2016	31	33	0	34	0	34	7483.13	529
	Apr 2016	66	65	1	47	0	47	7485.43	546
	May 2016	170	153	1	121	0	121	7489.48	577
	Jun 2016	195	177	1	58	0	58	7504.04	695
	Jul 2016	75	81	1	93	0	93	7502.43	681
	Aug 2016	48	58	1	107	0	107	7496.32	631
	Sep 2016	37	45	1	94	0	94	7490.01	581
	WY 2016	**756**	**752**	**8**	**888**	**0**	**888**		
	Oct 2016	38	44	1	47	0	47	7489.53	578
	Nov 2016	31	32	0	17	0	17	7491.43	592
	Dec 2016	26	27	0	38	0	38	7490.00	581
	Jan 2017	24	26	0	65	0	65	7484.88	542
	Feb 2017	22	25	0	60	0	60	7480.07	507
	Mar 2017	36	38	0	32	0	32	7480.78	512
	Apr 2017	77	74	1	42	0	42	7485.04	543
	May 2017	221	207	1	110	0	110	7497.27	639
	Jun 2017	261	240	1	79	0	79	7516.01	799
	Jul 2017	117	118	2	113	0	113	7516.40	803
	Aug 2017	63	73	1	122	0	122	7510.76	752
	Sep 2017	38	47	1	116	0	116	7502.51	682
	WY 2017	**954**	**950**	**9**	**841**	**0**	**841**		
	Oct 2017	38	44	1	47	0	47	7502.04	678

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

November 2015 24-Month Study

Most Probable Inflow*

Morrow Point Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Nov 2014	38	27	2	29	23	0	26	7154.03	112
H	Dec 2014	35	55	1	56	56	0	56	7153.68	112
I	Jan 2015	30	58	1	58	60	0	60	7152.01	111
S	Feb 2015	29	29	1	30	31	0	31	7151.25	110
T	Mar 2015	56	26	3	29	28	0	28	7151.69	110
O	Apr 2015	79	45	6	50	51	0	51	7150.61	110
R	May 2015	151	71	15	86	84	0	84	7153.24	112
I	Jun 2015	388	192	20	212	188	0	211	7154.42	113
C	Jul 2015	135	145	3	148	148	0	148	7154.93	113
A	Aug 2015	60	105	0	105	106	0	106	7153.74	112
L	Sep 2015	39	95	0	95	103	0	103	7143.98	104
	WY 2015	**1095**	**912**	**53**	**965**	**926**	**0**	**972**		
*	Oct 2015	34	87	0	87	93	0	93	7135.56	98
	Nov 2015	31	45	1	46	32	0	32	7153.73	112
	Dec 2015	26	104	0	104	104	0	104	7153.73	112
	Jan 2016	24	59	0	59	59	0	59	7153.73	112
	Feb 2016	23	40	2	42	42	0	42	7153.73	112
	Mar 2016	34	34	3	37	37	0	37	7153.73	112
	Apr 2016	75	47	9	56	56	0	56	7153.73	112
	May 2016	190	121	20	141	141	0	141	7153.73	112
	Jun 2016	210	58	15	73	73	0	73	7153.73	112
	Jul 2016	78	93	3	96	96	0	96	7153.73	112
	Aug 2016	50	107	2	109	109	0	109	7153.73	112
	Sep 2016	39	94	2	96	96	0	96	7153.73	112
	WY 2016	**814**	**888**	**57**	**945**	**938**	**0**	**938**		
	Oct 2016	40	47	2	49	49	0	49	7153.73	112
	Nov 2016	33	17	2	19	19	0	19	7153.73	112
	Dec 2016	28	38	2	40	40	0	40	7153.73	112
	Jan 2017	27	65	2	67	67	0	67	7153.73	112
	Feb 2017	25	60	3	63	63	0	63	7153.73	112
	Mar 2017	40	32	4	36	36	0	36	7153.73	112
	Apr 2017	88	42	11	53	53	0	53	7153.73	112
	May 2017	247	110	26	136	136	0	136	7153.73	112
	Jun 2017	281	79	20	99	99	0	99	7153.73	112
	Jul 2017	123	113	6	119	119	0	119	7153.73	112
	Aug 2017	67	122	3	125	125	0	125	7153.73	112
	Sep 2017	41	116	3	119	119	0	119	7153.73	112
	WY 2017	**1039**	**841**	**84**	**925**	**925**	**0**	**925**		
	Oct 2017	41	47	3	50	50	0	50	7153.73	112

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

November 2015 24-Month Study

Most Probable Inflow*

Crystal Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
*	Nov 2014	43	26	5	30	29	0	30	6748.06	16	0	29
H	Dec 2014	39	56	5	61	61	0	61	6746.42	15	1	62
I	Jan 2015	35	60	5	64	55	9	64	6746.05	15	1	65
S	Feb 2015	34	31	4	35	11	22	33	6751.96	17	0	34
T	Mar 2015	63	28	6	35	35	0	35	6752.00	17	1	34
O	Apr 2015	85	51	7	58	58	0	58	6751.65	17	37	21
R	May 2015	164	84	13	97	90	6	96	6752.09	17	62	36
I	Jun 2015	429	211	41	253	110	78	252	6755.80	18	55	205
C	Jul 2015	143	148	9	156	114	44	158	6751.21	16	65	95
A	Aug 2015	63	106	4	110	110	0	111	6749.17	16	65	47
L	Sep 2015	42	103	3	106	96	11	107	6744.61	15	57	49
	WY 2015	**1201**	**972**	**106**	**1078**	**843**	**171**	**1078**			**393**	**705**
*	Oct 2015	37	93	3	96	0	94	94	6750.81	16	51	44
	Nov 2015	35	32	4	36	36	0	36	6753.04	17	0	36
	Dec 2015	29	104	3	107	107	0	107	6753.04	17	0	107
	Jan 2016	27	59	3	62	62	0	62	6753.04	17	0	62
	Feb 2016	27	42	4	46	46	0	46	6753.04	17	0	46
	Mar 2016	39	37	5	42	42	0	42	6753.04	17	5	37
	Apr 2016	85	56	10	66	66	0	66	6753.04	17	30	36
	May 2016	215	141	25	166	134	32	166	6753.04	17	55	111
	Jun 2016	233	73	23	96	96	0	96	6753.04	17	60	36
	Jul 2016	85	96	7	103	103	0	103	6753.04	17	65	38
	Aug 2016	55	109	5	114	114	0	114	6753.04	17	65	49
	Sep 2016	45	96	6	102	102	0	102	6753.04	17	55	47
	WY 2016	**912**	**938**	**98**	**1036**	**907**	**126**	**1033**			**386**	**649**
	Oct 2016	46	49	6	55	55	0	55	6753.04	17	30	25
	Nov 2016	38	19	5	24	24	0	24	6753.04	17	0	24
	Dec 2016	32	40	5	45	45	0	45	6753.04	17	0	45
	Jan 2017	31	67	5	72	72	0	72	6753.04	17	0	72
	Feb 2017	29	63	4	66	66	0	66	6753.04	17	0	66
	Mar 2017	46	36	6	42	42	0	42	6753.04	17	5	37
	Apr 2017	101	53	12	66	66	0	66	6753.04	17	30	36
	May 2017	281	136	34	170	134	36	170	6753.04	17	55	115
	Jun 2017	315	99	34	133	130	3	133	6753.04	17	60	73
	Jul 2017	138	119	14	133	133	0	133	6753.04	17	65	68
	Aug 2017	75	125	8	134	134	0	134	6753.04	17	65	69
	Sep 2017	47	119	6	125	125	0	125	6753.04	17	55	70
	WY 2017	**1178**	**925**	**140**	**1065**	**1026**	**39**	**1065**			**365**	**699**
	Oct 2017	47	50	6	56	56	0	56	6753.04	17	30	26

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

November 2015 24-Month Study

Most Probable Inflow*

Vallecito Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Nov 2014	10	3	7652.74	94
H	Dec 2014	6	4	7653.53	96
I	Jan 2015	6	5	7654.18	97
S	Feb 2015	7	4	7655.19	100
T	Mar 2015	13	12	7655.67	101
O	Apr 2015	19	11	7658.49	108
R	May 2015	43	31	7662.94	120
I	Jun 2015	106	103	7664.05	123
C	Jul 2015	37	42	7661.73	117
A	Aug 2015	13	35	7652.83	94
L	Sep 2015	11	29	7645.08	75
	WY 2015	**294**	**285**		
*	Oct 2015	17	15	7645.65	77
	Nov 2015	10	2	7648.85	84
	Dec 2015	7	2	7650.89	89
	Jan 2016	6	2	7652.48	93
	Feb 2016	5	1	7653.88	96
	Mar 2016	8	2	7656.36	103
	Apr 2016	25	4	7664.10	123
	May 2016	71	71	7664.10	123
	Jun 2016	70	69	7664.10	123
	Jul 2016	26	41	7658.01	107
	Aug 2016	18	38	7649.92	87
	Sep 2016	15	29	7643.63	72
	WY 2016	**277**	**277**		
	Oct 2016	14	16	7642.52	70
	Nov 2016	8	1	7645.54	76
	Dec 2016	6	2	7647.58	81
	Jan 2017	5	2	7649.17	85
	Feb 2017	5	1	7650.53	88
	Mar 2017	9	2	7653.33	95
	Apr 2017	23	1	7661.71	117
	May 2017	71	65	7664.10	123
	Jun 2017	70	70	7664.07	123
	Jul 2017	29	42	7659.11	110
	Aug 2017	20	38	7651.79	91
	Sep 2017	17	30	7646.54	79
	WY 2017	**279**	**269**		
	Oct 2017	16	17	7645.77	77

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

November 2015 24-Month Study

Most Probable Inflow*

Navajo Reservoir

	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azetea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Farmington Flow (1000 Ac-Ft)
*	Nov 2014	28	0	21	1	0	21	6038.43	1096	46
H	Dec 2014	19	0	17	1	0	21	6037.94	1091	45
I	Jan 2015	23	0	21	1	0	21	6037.90	1090	42
S	Feb 2015	28	1	25	1	0	19	6038.43	1096	41
T	Mar 2015	86	7	79	1	3	20	6043.43	1150	57
O	Apr 2015	80	8	63	2	20	21	6045.22	1170	39
R	May 2015	178	24	144	3	23	21	6053.44	1267	92
I	Jun 2015	285	38	241	4	20	22	6068.60	1461	253
C	Jul 2015	76	9	71	5	39	27	6068.68	1462	92
A	Aug 2015	15	1	36	4	33	42	6065.47	1419	65
L	Sep 2015	15	0	33	3	25	33	6063.41	1392	66
	WY 2015	**900**	**90**	**797**	**27**	**170**	**289**			**904**
*	Oct 2015	42	1	40	2	9	29	6063.43	1392	
	Nov 2015	32	1	24	1	0	21	6063.54	1393	38
	Dec 2015	23	0	18	1	0	22	6063.22	1389	36
	Jan 2016	20	0	16	1	0	22	6062.75	1383	34
	Feb 2016	25	0	21	1	0	20	6062.77	1383	31
	Mar 2016	78	2	70	2	5	22	6065.89	1425	39
	Apr 2016	152	16	116	3	20	21	6071.16	1497	73
	May 2016	270	39	231	4	34	104	6077.38	1586	242
	Jun 2016	195	32	162	5	49	150	6074.51	1544	283
	Jul 2016	42	7	51	5	53	36	6071.48	1501	90
	Aug 2016	33	1	51	4	44	48	6068.27	1457	80
	Sep 2016	35	1	48	3	24	91	6063.10	1388	116
	WY 2016	**947**	**99**	**848**	**30**	**238**	**585**			**1061**
	Oct 2016	41	2	42	2	9	24	6063.70	1396	47
	Nov 2016	31	1	24	1	0	21	6063.85	1398	38
	Dec 2016	25	0	20	1	0	22	6063.70	1396	37
	Jan 2017	22	0	18	1	0	22	6063.39	1391	35
	Feb 2017	30	0	27	1	0	19	6063.88	1398	32
	Mar 2017	92	2	83	2	5	22	6067.99	1453	44
	Apr 2017	170	15	133	3	20	47	6072.63	1517	99
	May 2017	277	41	229	4	34	231	6069.80	1478	377
	Jun 2017	224	33	190	4	49	212	6064.23	1403	363
	Jul 2017	66	7	71	5	53	22	6063.64	1395	89
	Aug 2017	45	2	62	4	45	22	6062.94	1386	61
	Sep 2017	43	1	55	3	25	25	6063.05	1387	58
	WY 2017	**1067**	**104**	**953**	**29**	**238**	**687**			**1280**
	Oct 2017	47	2	47	2	9	22	6064.11	1401	50

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

November 2015 24-Month Study

Most Probable Inflow*

Lake Powell

	Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry Gage (1000 Ac-Ft)
*	Nov 2014	423	420	32	645	132	777	3601.87	5008	11929	780
H	Dec 2014	409	465	25	864	0	864	3597.75	4977	11537	880
I	Jan 2015	348	449	8	862	0	862	3593.57	4945	11147	878
S	Feb 2015	424	464	8	589	0	589	3592.23	4936	11024	595
T	Mar 2015	552	543	14	649	0	649	3591.02	4927	10913	656
O	Apr 2015	639	539	21	600	0	600	3590.18	4921	10837	610
R	May 2015	1613	1431	25	699	0	699	3597.27	4973	11491	708
I	Jun 2015	3389	2570	44	800	0	800	3613.54	5101	13090	801
C	Jul 2015	1072	1002	55	1048	0	1048	3612.62	5093	12996	1079
A	Aug 2015	313	466	54	799	0	799	3609.07	5065	12637	821
L	Sep 2015	276	435	49	714	0	714	3606.01	5040	12333	732
	WY 2015	**10174**	**9419**	**368**	**8868**	**132**	**9000**				**9154**
*	Oct 2015	535	680	34	600	0	600	3606.44	5044	12375	617
	Nov 2015	400	478	32	600	0	600	3604.98	5032	12232	606
	Dec 2015	280	461	25	900	0	900	3600.55	4998	11802	906
	Jan 2016	280	417	8	900	0	900	3595.74	4962	11348	909
	Feb 2016	320	421	8	700	0	700	3592.86	4940	11082	705
	Mar 2016	500	417	14	650	0	650	3590.37	4922	10854	656
	Apr 2016	800	618	21	600	0	600	3590.34	4922	10851	610
	May 2016	1700	1483	26	700	0	700	3597.91	4978	11552	708
	Jun 2016	2200	1909	43	800	0	800	3608.10	5057	12540	809
	Jul 2016	700	667	52	950	0	950	3604.95	5032	12229	965
	Aug 2016	350	487	51	900	0	900	3600.51	4998	11799	917
	Sep 2016	320	500	46	700	0	700	3598.11	4979	11571	712
	WY 2016	**8385**	**8537**	**360**	**9000**	**0**	**9000**				**9120**
	Oct 2016	438	480	32	600	0	600	3596.62	4968	11431	609
	Nov 2016	439	458	30	600	0	600	3594.91	4955	11271	606
	Dec 2016	363	432	24	800	0	800	3590.96	4926	10908	806
	Jan 2017	361	456	7	800	0	800	3587.36	4900	10583	809
	Feb 2017	393	461	8	650	0	650	3585.31	4886	10402	655
	Mar 2017	665	591	13	650	0	650	3584.55	4880	10335	656
	Apr 2017	1056	890	21	600	0	600	3587.37	4900	10584	610
	May 2017	2343	2165	26	650	0	650	3602.22	5011	11963	658
	Jun 2017	2666	2352	45	800	0	800	3616.15	5122	13359	809
	Jul 2017	1091	991	56	1000	0	1000	3615.57	5118	13299	1015
	Aug 2017	500	592	55	1050	0	1050	3610.92	5080	12824	1067
	Sep 2017	408	534	50	800	0	800	3608.01	5056	12531	813
	WY 2017	**10723**	**10403**	**365**	**9000**	**0**	**9000**				**9113**
	Oct 2017	512	546	34	600	0	600	3607.20	5050	12450	600

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

November 2015 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Glen Release (1000 Ac-Ft)	Side Inflow Glen to Hoover (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Nov 2014	777	44	43	695	11.7	13	692	670	1083.57	10309
H	Dec 2014	864	56	37	493	8.0	8	492	693	1087.79	10667
I	Jan 2015	862	73	31	832	13.5	6	832	697	1088.51	10729
S	Feb 2015	589	90	28	600	10.8	8	599	700	1088.98	10769
T	Mar 2015	649	57	31	1034	16.8	14	1033	677	1084.87	10419
O	Apr 2015	600	26	38	1087	18.3	20	1086	646	1079.03	9931
R	May 2015	699	25	43	869	14.1	25	862	632	1076.57	9729
I	Jun 2015	800	16	52	868	14.6	25	868	624	1075.08	9607
C	Jul 2015	1048	80	65	767	12.5	28	766	641	1078.15	9858
A	Aug 2015	799	114	70	803	13.1	27	802	642	1078.31	9871
L	Sep 2015	714	73	58	723	12.1	25	722	641	1078.10	9854
	WY 2015	**9000**	**723**	**540**	**9244**		**222**	**9216**			
*	Oct 2015	600	119	42	578	9.4	21	582	645	1078.99	9927
	Nov 2015	600	50	42	635	10.7	12	635	643	1078.55	9891
	Dec 2015	900	96	37	548	8.9	8	548	668	1083.11	10270
	Jan 2016	900	72	30	698	11.3	8	698	682	1085.74	10492
	Feb 2016	700	77	28	567	9.9	7	567	693	1087.66	10656
	Mar 2016	650	61	31	1031	16.8	15	1031	670	1083.61	10312
	Apr 2016	600	76	38	1105	18.6	21	1105	640	1078.09	9854
	May 2016	700	49	43	1010	16.4	29	1010	620	1074.26	9541
	Jun 2016	800	23	52	939	15.8	30	939	608	1071.96	9356
	Jul 2016	950	67	64	888	14.4	31	888	610	1072.36	9388
	Aug 2016	900	127	68	792	12.9	29	792	619	1073.96	9517
	Sep 2016	700	114	57	733	12.3	16	733	619	1074.05	9524
	WY 2016	**9000**	**932**	**532**	**9525**		**226**	**9528**			
	Oct 2016	600	61	41	492	8.0	20	492	626	1075.30	9625
	Nov 2016	600	50	41	615	10.3	11	615	625	1075.11	9610
	Dec 2016	800	96	36	543	8.8	7	543	644	1078.67	9901
	Jan 2017	800	72	30	701	11.4	8	701	652	1080.17	10025
	Feb 2017	650	77	27	629	11.3	7	629	656	1080.89	10085
	Mar 2017	650	61	31	1027	16.7	15	1027	633	1076.77	9745
	Apr 2017	600	76	37	1100	18.5	21	1100	604	1071.16	9292
	May 2017	650	49	42	1006	16.4	30	1006	581	1066.67	8937
	Jun 2017	800	23	50	933	15.7	30	933	569	1064.38	8758
	Jul 2017	1000	67	62	883	14.4	31	883	575	1065.47	8843
	Aug 2017	1050	127	67	788	12.8	29	788	593	1068.98	9119
	Sep 2017	800	114	56	728	12.2	16	728	600	1070.33	9225
	WY 2017	**9000**	**874**	**520**	**9445**		**227**	**9445**			
	Oct 2017	600	52	41	488	7.9	21	488	606	1071.54	9322

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

November 2015 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Nov 2014	695	-6	10	629	0	629	10.6	636.32	1520
H	Dec 2014	493	-2	9	445	0	445	7.2	637.75	1558
I	Jan 2015	832	-22	10	660	0	660	10.7	642.98	1698
S	Feb 2015	600	-8	10	625	0	625	11.3	641.43	1656
T	Mar 2015	1034	-21	13	963	0	963	15.7	642.78	1693
O	Apr 2015	1087	-18	17	1022	0	1022	17.2	643.88	1723
R	May 2015	869	-10	22	854	0	854	13.9	643.30	1707
I	Jun 2015	868	-19	26	810	0	810	13.6	643.81	1721
C	Jul 2015	767	-14	25	762	0	762	12.4	642.57	1687
A	Aug 2015	803	-16	23	775	0	775	12.6	642.12	1675
L	Sep 2015	723	-16	18	758	0	758	12.7	639.56	1606
	WY 2015	**9244**	**-142**	**198**	**8945**	**0**	**8945**			
*	Oct 2015	578	-7	15	655	0	655	10.7	635.80	1507
	Nov 2015	635	-11	10	595	0	595	10.0	636.50	1525
	Dec 2015	548	-12	9	468	0	468	7.6	638.70	1583
	Jan 2016	698	-13	10	592	0	592	9.6	641.80	1666
	Feb 2016	567	-13	10	544	0	544	9.5	641.80	1666
	Mar 2016	1031	-15	13	969	0	969	15.8	643.05	1700
	Apr 2016	1105	-19	17	1071	0	1071	18.0	643.00	1699
	May 2016	1010	-15	22	973	0	973	15.8	643.00	1699
	Jun 2016	939	-17	25	924	0	924	15.5	642.00	1671
	Jul 2016	888	-13	25	863	0	863	14.0	641.50	1658
	Aug 2016	792	-10	23	759	0	759	12.3	641.50	1658
	Sep 2016	733	-6	18	749	0	749	12.6	640.01	1617
	WY 2016	**9525**	**-152**	**197**	**9163**	**0**	**9163**			
	Oct 2016	492	1	15	662	0	662	10.8	633.00	1434
	Nov 2016	615	-11	10	543	0	543	9.1	635.00	1486
	Dec 2016	543	-12	9	424	0	424	6.9	638.71	1583
	Jan 2017	701	-13	10	596	0	596	9.7	641.80	1666
	Feb 2017	629	-13	10	606	0	606	10.9	641.80	1666
	Mar 2017	1027	-15	13	965	0	965	15.7	643.05	1700
	Apr 2017	1100	-19	17	1066	0	1066	17.9	643.00	1699
	May 2017	1006	-15	22	969	0	969	15.8	643.00	1699
	Jun 2017	933	-17	25	918	0	918	15.4	642.00	1671
	Jul 2017	883	-13	25	858	0	858	14.0	641.50	1658
	Aug 2017	788	-10	23	755	0	755	12.3	641.50	1658
	Sep 2017	728	-6	18	744	0	744	12.5	640.01	1617
	WY 2017	**9445**	**-143**	**197**	**9104**	**0**	**9104**			
	Oct 2017	488	1	15	658	0	658	10.7	633.00	1434

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

November 2015 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	Nov 2014	629	9	9	351	5.9	102	147	447.77	576	89	1.5
H	Dec 2014	445	18	7	240	3.9	109	132	446.36	549	98	1.6
I	Jan 2015	660	17	6	348	5.7	105	180	448.22	584	146	2.4
S	Feb 2015	625	9	8	473	8.5	54	109	447.38	568	172	3.1
T	Mar 2015	963	3	9	707	11.5	86	146	447.89	578	219	3.6
O	Apr 2015	1022	13	11	752	12.6	104	154	448.09	582	210	3.5
R	May 2015	854	21	13	559	9.1	108	177	448.50	590	113	1.8
I	Jun 2015	810	19	16	615	10.3	104	77	448.89	597	109	1.8
C	Jul 2015	762	17	17	592	9.6	107	70	447.99	580	107	1.7
A	Aug 2015	775	16	17	580	9.4	107	70	448.30	586	93	1.5
L	Sep 2015	758	19	15	487	8.2	104	168	448.04	581	90	1.5
	WY 2015	**8945**	**178**	**140**	**6135**		**1195**	**1566**			**1510**	
*	Oct 2015	655	34	12	458	7.5	101	115	447.88	578	59	1.0
	Nov 2015	595	27	9	398	6.7	96	121	447.50	571	92	1.6
	Dec 2015	468	21	7	292	4.7	81	124	446.50	552	104	1.7
	Jan 2016	592	18	6	347	5.6	87	164	446.50	552	130	2.1
	Feb 2016	544	11	8	438	7.6	19	83	446.50	552	161	2.8
	Mar 2016	969	15	9	729	11.9	95	137	446.70	555	205	3.3
	Apr 2016	1071	23	11	784	13.2	93	160	448.70	593	205	3.4
	May 2016	973	17	13	704	11.4	95	165	448.70	593	113	1.8
	Jun 2016	924	15	16	700	11.8	93	116	448.70	593	111	1.9
	Jul 2016	863	29	17	702	11.4	95	78	448.00	580	119	1.9
	Aug 2016	759	27	17	595	9.7	95	77	447.50	571	100	1.6
	Sep 2016	749	23	15	540	9.1	93	115	447.50	570	89	1.5
	WY 2016	**9163**	**261**	**139**	**6688**		**1043**	**1457**			**1490**	
	Oct 2016	662	25	12	450	7.3	95	122	447.50	571	55	0.9
	Nov 2016	543	27	9	367	6.2	69	119	447.50	571	103	1.7
	Dec 2016	424	21	7	276	4.5	71	106	446.50	552	108	1.7
	Jan 2017	596	18	6	347	5.6	81	174	446.50	552	130	2.1
	Feb 2017	606	11	8	438	7.9	72	93	446.50	552	161	2.9
	Mar 2017	965	15	9	730	11.9	81	147	446.70	555	205	3.3
	Apr 2017	1066	23	11	784	13.2	78	169	448.70	593	205	3.4
	May 2017	969	17	13	704	11.4	81	175	448.70	593	113	1.8
	Jun 2017	918	15	16	700	11.8	78	126	448.70	593	111	1.9
	Jul 2017	858	29	17	702	11.4	81	87	448.00	580	119	1.9
	Aug 2017	755	27	17	595	9.7	81	86	447.50	571	100	1.6
	Sep 2017	744	23	15	540	9.1	78	125	447.50	570	89	1.5
	WY 2017	**9104**	**252**	**139**	**6632**		**946**	**1530**			**1500**	
	Oct 2017	658	25	12	451	7.3	81	132	447.50	571	55	0.9

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

November 2015 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Nov 2014	695	11.7	1083.57	10309	65	437.62	1079.0	270.7	68	389.5
H	Dec 2014	493	8.0	1087.79	10667	358	446.86	889.0	189.0	55	383.3
I	Jan 2015	832	13.5	1088.51	10729	62	441.51	1018.0	333.5	63	400.6
S	Feb 2015	600	10.8	1088.98	10769	40	444.73	848.0	239.1	52	398.4
T	Mar 2015	1034	16.8	1084.87	10419	-350	440.21	952.0	412.2	60	398.7
O	Apr 2015	1087	18.3	1079.03	9931	-488	430.55	1217.0	427.4	76	393.2
R	May 2015	869	14.1	1076.57	9729	-202	432.58	1165.0	337.2	74	388.2
I	Jun 2015	868	14.6	1075.08	9607	-121	427.78	1573.0	332.0	100	382.4
C	Jul 2015	767	12.5	1078.15	9858	251	432.42	1455.0	292.7	94	381.4
A	Aug 2015	803	13.1	1078.31	9871	13	434.75	1451.0	307.8	93	383.4
L	Sep 2015	723	12.1	1078.10	9854	-17	435.36	1563.0	275.2	100	380.7
	WY 2015	**9244**							**3596.9**		
*	Oct 2015	578	9.4	1078.99	9927	73	435.13	757.4	221.8	70	383.6
	Nov 2015	635	10.7	1078.55	9891	-36	433.02	1088.0	245.0	70	386.0
	Dec 2015	548	8.9	1083.11	10270	379	434.33	1069.0	210.2	68	383.8
	Jan 2016	698	11.3	1085.74	10492	222	436.89	969.0	275.8	61	395.3
	Feb 2016	567	9.9	1087.66	10656	164	438.13	975.0	223.5	61	394.1
	Mar 2016	1031	16.8	1083.61	10312	-344	435.28	1162.0	409.3	74	397.0
	Apr 2016	1105	18.6	1078.09	9854	-459	428.78	1333.0	433.8	87	392.4
	May 2016	1010	16.4	1074.26	9541	-313	422.73	1514.0	380.9	100	377.1
	Jun 2016	939	15.8	1071.96	9356	-185	420.02	1502.0	356.3	100	379.5
	Jul 2016	888	14.4	1072.36	9388	32	419.57	1508.0	340.0	100	382.9
	Aug 2016	792	12.9	1073.96	9517	129	420.72	1528.0	300.7	100	379.5
	Sep 2016	733	12.3	1074.05	9524	7	422.05	1536.0	277.7	100	378.8
	WY 2016	**9525**							**3675.1**		
	Oct 2016	492	8.0	1075.30	9625	101	426.24	1338.0	187.7	87	381.7
	Nov 2016	615	10.3	1075.11	9610	-16	428.95	1352.0	236.0	88	383.9
	Dec 2016	543	8.8	1078.67	9901	291	430.71	1084.0	206.3	69	380.1
	Jan 2017	701	11.4	1080.17	10025	125	431.66	995.0	273.7	63	390.3
	Feb 2017	629	11.3	1080.89	10085	60	432.53	884.0	247.2	56	393.3
	Mar 2017	1027	16.7	1076.77	9745	-340	430.42	871.0	413.2	56	402.3
	Apr 2017	1100	18.5	1071.16	9292	-453	421.94	1313.6	424.3	87	385.7
	May 2017	1006	16.4	1066.67	8937	-355	415.54	1491.3	372.4	100	370.2
	Jun 2017	933	15.7	1064.38	8758	-179	412.51	1478.3	347.3	100	372.1
	Jul 2017	883	14.4	1065.47	8843	85	412.40	1484.5	332.0	100	375.9
	Aug 2017	788	12.8	1068.98	9119	275	414.85	1504.3	294.5	100	373.9
	Sep 2017	728	12.2	1070.33	9225	107	417.73	1511.9	272.8	100	374.6
	WY 2017	**9445**							**3607.6**		
	Oct 2017	488	7.9	1071.54	9322	97	422.53	1316.1	184.7	87	378.5

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

November 2015 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Nov 2014	629	10.6	636.32	1520	50	136.47	158.1	74.4	62	118.2
H	Dec 2014	445	7.2	637.75	1558	37	134.54	165.8	52.7	65	118.4
I	Jan 2015	660	10.7	642.98	1698	141	141.44	163.2	82.8	64	125.4
S	Feb 2015	625	11.3	641.43	1656	-42	140.07	188.7	79.9	74	127.8
T	Mar 2015	963	15.7	642.78	1693	37	139.75	229.5	123.2	90	128.0
O	Apr 2015	1022	17.2	643.88	1723	30	141.00	255.0	129.5	100	126.8
R	May 2015	854	13.9	643.30	1707	-16	141.92	252.5	110.0	99	128.8
I	Jun 2015	810	13.6	643.81	1721	14	144.85	255.0	104.6	100	129.1
C	Jul 2015	762	12.4	642.57	1687	-34	140.97	255.0	98.4	100	129.1
A	Aug 2015	775	12.6	642.12	1675	-12	142.40	255.0	99.2	100	127.9
L	Sep 2015	758	12.7	639.56	1606	-69	137.76	255.0	95.5	100	126.0
	WY 2015	**8945**							**1122.4**		
*	Oct 2015	655	10.7	635.80	1507	-99	136.05	211.7	79.8	83	121.8
	Nov 2015	595	10.0	636.50	1525	18	131.42	170.9	71.9	67	120.8
	Dec 2015	468	7.6	638.70	1583	58	133.29	160.7	57.6	63	123.0
	Jan 2016	592	9.6	641.80	1666	83	136.31	153.0	73.8	60	124.6
	Feb 2016	544	9.5	641.80	1666	0	136.85	183.6	68.6	72	126.1
	Mar 2016	969	15.8	643.05	1700	34	136.85	204.0	120.7	80	124.5
	Apr 2016	1071	18.0	643.00	1699	-2	136.40	242.3	133.3	95	124.4
	May 2016	973	15.8	643.00	1699	0	136.04	255.0	121.7	100	125.0
	Jun 2016	924	15.5	642.00	1671	-27	135.51	255.0	115.1	100	124.7
	Jul 2016	863	14.0	641.50	1658	-14	134.73	255.0	107.4	100	124.5
	Aug 2016	759	12.3	641.50	1658	0	134.46	255.0	94.8	100	124.8
	Sep 2016	749	12.6	640.01	1617	-40	133.68	255.0	93.0	100	124.0
	WY 2016	**9163**							**1137.6**		
	Oct 2016	662	10.8	633.00	1434	-183	129.77	234.6	80.0	92	120.9
	Nov 2016	543	9.1	635.00	1486	51	128.06	204.0	64.7	80	119.2
	Dec 2016	424	6.9	638.71	1583	97	130.45	224.4	52.0	88	122.7
	Jan 2017	596	9.7	641.80	1666	83	135.03	191.3	74.2	75	124.6
	Feb 2017	606	10.9	641.80	1666	0	137.09	176.0	76.1	69	125.6
	Mar 2017	965	15.7	643.05	1700	34	135.44	255.0	120.2	100	124.5
	Apr 2017	1066	17.9	643.00	1699	-2	136.07	255.0	132.6	100	124.4
	May 2017	969	15.8	643.00	1699	0	136.04	255.0	121.1	100	125.0
	Jun 2017	918	15.4	642.00	1671	-27	135.51	255.0	114.5	100	124.7
	Jul 2017	858	14.0	641.50	1658	-14	134.73	255.0	106.8	100	124.5
	Aug 2017	755	12.3	641.50	1658	0	134.46	255.0	94.2	100	124.8
	Sep 2017	744	12.5	640.01	1617	-40	133.68	255.0	92.4	100	124.1
	WY 2017	**9104**							**1128.7**		
	Oct 2017	658	10.7	633.00	1434	-183	129.77	234.6	79.5	92	120.9

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

November 2015 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Nov 2014	351	5.9	447.77	576	25	81.18	96.0	24.4	80	69.4
H	Dec 2014	240	3.9	446.36	549	-26	81.87	120.0	15.5	100	64.8
I	Jan 2015	348	5.7	448.22	584	35	82.97	93.6	24.3	78	69.7
S	Feb 2015	473	8.5	447.38	568	-16	81.70	94.8	33.2	79	70.2
T	Mar 2015	707	11.5	447.89	578	10	79.76	108.0	49.6	90	70.2
O	Apr 2015	752	12.6	448.09	582	4	80.20	120.0	52.5	100	69.8
R	May 2015	559	9.1	448.50	590	8	81.62	112.8	39.5	94	70.7
I	Jun 2015	615	10.3	448.89	597	7	79.48	120.0	43.6	100	70.8
C	Jul 2015	592	9.6	447.99	580	-17	81.75	120.0	41.8	100	70.7
A	Aug 2015	580	9.4	448.30	586	6	82.40	120.0	40.9	100	70.4
L	Sep 2015	487	8.2	448.04	581	-5	82.23	120.0	34.6	100	71.1
	WY 2015	**6135**							**430.7**		
*	Oct 2015	458	7.5	447.88	578	-3	81.97	91.2	32.1	76	70.1
	Nov 2015	398	6.7	447.50	571	-7	76.17	96.0	26.0	80	65.4
	Dec 2015	292	4.7	446.50	552	-19	74.40	120.0	18.3	100	62.7
	Jan 2016	347	5.6	446.50	552	0	75.01	96.0	22.2	80	64.0
	Feb 2016	438	7.6	446.50	552	0	75.13	93.6	28.5	78	65.1
	Mar 2016	729	11.9	446.70	555	4	74.01	120.0	47.4	100	65.0
	Apr 2016	784	13.2	448.70	593	38	75.08	120.0	51.7	100	66.0
	May 2016	704	11.4	448.70	593	0	76.05	120.0	46.8	100	66.5
	Jun 2016	700	11.8	448.70	593	0	76.05	120.0	46.6	100	66.5
	Jul 2016	702	11.4	448.00	580	-13	75.71	120.0	46.5	100	66.2
	Aug 2016	595	9.7	447.50	571	-9	75.13	120.0	39.0	100	65.4
	Sep 2016	540	9.1	447.50	570	0	74.89	120.0	35.2	100	65.1
	WY 2016	**6688**							**440.3**		
	Oct 2016	450	7.3	447.50	571	0	75.74	100.8	29.4	84	65.3
	Nov 2016	367	6.2	447.50	571	0	75.92	97.2	23.8	81	64.9
	Dec 2016	276	4.5	446.50	552	-19	74.40	120.0	17.2	100	62.5
	Jan 2017	347	5.6	446.50	552	0	75.13	93.6	22.2	78	64.1
	Feb 2017	438	7.9	446.50	552	0	74.71	102.0	28.4	85	64.8
	Mar 2017	730	11.9	446.70	555	4	74.01	120.0	47.4	100	65.0
	Apr 2017	784	13.2	448.70	593	38	75.08	120.0	51.7	100	66.0
	May 2017	704	11.4	448.70	593	0	76.05	120.0	46.8	100	66.5
	Jun 2017	700	11.8	448.70	593	0	76.05	120.0	46.6	100	66.5
	Jul 2017	702	11.4	448.00	580	-13	75.71	120.0	46.5	100	66.2
	Aug 2017	595	9.7	447.50	571	-9	75.13	120.0	39.0	100	65.4
	Sep 2017	540	9.1	447.50	570	0	74.89	120.0	35.2	100	65.1
	WY 2017	**6632**							**434.1**		
	Oct 2017	451	7.3	447.50	571	0	75.74	100.8	29.5	84	65.3

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

November 2015 24-Month Study

Most Probable Inflow*

Upper Basin Power

	Date	Glen Canyon 1000 MWHR	Flaming Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Reservoir 1000 MWHR	Fontenelle Reservoir 1000 MWHR
*	Nov 2014	281	30	7	7	4	6
H	Dec 2014	377	43	15	19	11	6
I	Jan 2015	373	48	16	20	10	6
S	Feb 2015	254	44	8	10	2	5
T	Mar 2015	278	48	7	9	5	6
	Winter 2015	**1827**	**250**	**72**	**83**	**46**	**37**
O	Apr 2015	256	28	13	17	11	7
R	May 2015	299	65	21	30	18	8
I	Jun 2015	348	40	38	67	21	9
C	Jul 2015	471	42	41	53	22	8
A	Aug 2015	357	42	32	38	21	7
L	Sep 2015	317	40	28	37	18	0
	Summer 2015	**2049**	**256**	**173**	**241**	**111**	**39**
*	Oct 2015	264	52	26	32	0	4
	Nov 2015	239	48	14	11	6	5
	Dec 2015	356	50	31	37	18	5
	Jan 2016	353	49	17	21	11	4
	Feb 2016	272	46	12	15	8	4
	Mar 2016	251	19	10	13	7	4
	Winter 2016	**1736**	**264**	**109**	**130**	**50**	**25**
	Apr 2016	231	17	14	20	11	5
	May 2016	272	40	35	51	23	6
	Jun 2016	317	55	17	26	17	8
	Jul 2016	379	35	28	35	18	10
	Aug 2016	356	35	32	39	20	7
	Sep 2016	275	34	28	35	18	7
	Summer 2016	**1831**	**216**	**155**	**206**	**106**	**43**
	Oct 2016	235	35	14	18	10	6
	Nov 2016	234	34	5	7	4	6
	Dec 2016	310	35	11	14	8	6
	Jan 2017	308	35	19	24	12	6
	Feb 2017	248	31	17	23	11	5
	Mar 2017	248	35	9	13	7	5
	Winter 2017	**1582**	**204**	**76**	**99**	**53**	**33**
	Apr 2017	229	34	12	19	11	5
	May 2017	253	55	33	49	23	7
	Jun 2017	321	69	24	36	22	9
	Jul 2017	407	36	35	43	23	10
	Aug 2017	425	36	38	45	23	10
	Sep 2017	321	35	36	43	22	9
	Summer 2017	**1635**	**229**	**143**	**192**	**103**	**40**
	Oct 2017	240	36	14	18	10	9

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Managing Water in the West

November 2015 24-Month Study

Most Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions

Date	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Total KAF	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****CREDITABLE SPACE****										
Nov 2015	478	157	304	11947	12885	17450	30335	478	157	304	939	11947	17450	30335	3810	635	0	30.0
Dec 2015	566	171	303	12090	13130	17486	30616	566	171	303	1040	12090	17486	30616	4580	548	0	29.8
Jan 2016	671	248	307	12520	13746	17107	30852	671	248	307	1226	12520	17107	30852	5350	698	0	29.5
								****EFFECTIVE SPACE****										
Jan 2016	671	248	307	12520	13746	17107	30852	286	130	292	708	12520	17107	30334	5350	698	0	29.5
Feb 2016	771	282	313	12974	14340	16885	31225	386	165	297	848	12974	16885	30708	1500	567	0	29.3
Mar 2016	858	299	313	13240	14709	16721	31430	473	184	296	953	13240	16721	30914	1500	1031	0	28.8
Apr 2016	827	300	271	13468	14866	17065	31931	437	187	248	871	13468	17065	31404	1500	1105	0	28.6
May 2016	767	283	199	13471	14721	17523	32244	369	168	153	690	13471	17523	31685	1500	1010	0	29.2
Jun 2016	703	252	110	12770	13835	17836	31671	295	119	26	440	12770	17836	31046	1500	939	0	30.2
Jul 2016	526	135	152	11782	12595	18021	30616	105	-18	15	101	11782	18021	29905	1500	888	0	29.9
								****CREDITABLE SPACE****										
Aug 2016	439	148	195	12093	12875	17989	30864	439	148	195	782	12093	17989	30864	1500	792	0	29.5
Sep 2016	471	198	239	12523	13431	17860	31291	471	198	239	908	12523	17860	31291	2270	733	0	29.0
Oct 2016	525	248	308	12751	13833	17853	31685	525	248	308	1081	12751	17853	31685	3040	492	0	28.8
Nov 2016	572	252	300	12891	14016	17752	31768	572	252	300	1125	12891	17752	31768	3810	615	0	28.6
Dec 2016	619	237	298	13051	14205	17767	31972	619	237	298	1154	13051	17767	31972	4580	543	0	28.5
Jan 2017	681	248	300	13414	14643	17476	32119	681	248	300	1229	13414	17476	32119	5350	701	0	28.3
								****EFFECTIVE SPACE****										
Jan 2017	681	248	300	13414	14643	17476	32119	361	248	178	787	13414	17476	31678	5350	701	0	28.3
Feb 2017	737	287	305	13739	15068	17352	32420	416	287	181	885	13739	17352	31975	1500	629	0	28.1
Mar 2017	781	323	298	13920	15322	17292	32614	458	323	174	955	13920	17292	32167	1500	1027	0	27.8
Apr 2017	778	318	243	13987	15326	17632	32958	451	318	112	881	13987	17632	32500	1500	1100	0	27.8
May 2017	743	286	179	13738	14946	18085	33031	409	286	26	721	13738	18085	32544	1500	1006	0	29.0
Jun 2017	658	190	218	12359	13425	18440	31865	314	186	28	528	12359	18440	31327	1500	933	0	30.4
Jul 2017	471	31	293	10963	11758	18619	30376	112	4	50	166	10963	18619	29747	1500	883	0	30.5
								****CREDITABLE SPACE****										
Aug 2017	378	27	301	11023	11729	18534	30263	378	27	301	706	11023	18534	30263	1500	788	0	30.2
Sep 2017	403	77	310	11498	12289	18258	30547	403	77	310	790	11498	18258	30547	2270	728	0	29.9
Oct 2017	456	147	309	11791	12703	18152	30855	456	147	309	913	11791	18152	30855	3040	488	0	29.6

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

December 2015 24-Month Study

Most Probable Inflow*

Fontenelle Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Dec 2014	51	1	77	0	77	6495.49	265
H	Jan 2015	46	1	77	0	77	6490.98	234
I	Feb 2015	46	1	69	1	69	6487.37	210
S	Mar 2015	70	1	78	0	78	6486.00	201
T	Apr 2015	87	1	102	0	103	6483.35	185
O	May 2015	223	2	104	4	108	6499.95	298
R	Jun 2015	332	3	101	229	330	6499.84	297
I	Jul 2015	126	3	91	17	108	6501.77	312
C	Aug 2015	53	2	83	1	84	6497.37	279
A	Sep 2015	37	2	0	61	61	6493.88	254
	WY 2015	**1210**	**16**	**930**	**324**	**1254**		
L	Oct 2015	46	1	46	15	61	6491.60	238
*	Nov 2015	40	1	56	1	57	6489.03	221
	Dec 2015	30	1	58	0	58	6484.54	193
	Jan 2016	27	1	58	0	58	6478.92	161
	Feb 2016	26	0	55	0	55	6472.92	132
	Mar 2016	45	0	58	0	58	6469.76	118
	Apr 2016	65	1	60	0	60	6470.90	123
	May 2016	120	1	74	0	74	6480.22	168
	Jun 2016	220	2	81	0	81	6500.78	305
	Jul 2016	135	3	92	0	92	6505.90	345
	Aug 2016	56	2	77	0	77	6502.98	322
	Sep 2016	36	2	68	0	68	6498.50	288
	WY 2016	**847**	**15**	**783**	**16**	**799**		
	Oct 2016	42	1	68	0	68	6494.74	261
	Nov 2016	39	1	65	0	65	6490.83	233
	Dec 2016	32	1	68	0	68	6485.21	197
	Jan 2017	30	1	68	0	68	6478.57	159
	Feb 2017	28	0	61	0	61	6471.45	125
	Mar 2017	53	0	68	0	68	6467.77	110
	Apr 2017	85	1	74	0	74	6470.30	120
	May 2017	164	1	99	6	105	6482.05	178
	Jun 2017	299	2	103	67	170	6500.90	306
	Jul 2017	178	3	101	41	141	6505.18	339
	Aug 2017	77	2	100	4	105	6501.30	309
	Sep 2017	46	2	101	0	101	6493.49	252
	WY 2017	**1072**	**15**	**975**	**118**	**1093**		
	Oct 2017	49	1	105	0	105	6484.83	195
	Nov 2017	42	1	97	11	108	6472.15	128

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

December 2015 24-Month Study

Most Probable Inflow*

Flaming Gorge Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	Dec 2014	53	79	2	113	0	113	131	6027.71	3262	164
H	Jan 2015	67	98	2	124	0	124	130	6026.99	3234	171
I	Feb 2015	63	86	2	113	0	113	129	6026.25	3207	168
S	Mar 2015	77	85	3	124	0	124	127	6025.15	3166	219
T	Apr 2015	112	127	5	73	0	73	129	6026.41	3213	252
O	May 2015	333	218	8	169	57	226	129	6026.01	3198	652
R	Jun 2015	434	432	11	100	0	100	141	6034.01	3506	485
I	Jul 2015	157	140	14	104	0	104	142	6034.55	3528	195
C	Aug 2015	56	87	13	104	0	104	141	6033.81	3498	130
A	Sep 2015	39	62	11	100	1	101	139	6032.59	3450	127
	WY 2015	**1562**	**1606**	**82**	**1293**	**58**	**1352**				**2856**
L	Oct 2015	48	63	7	131	0	131	136	6030.73	3377	162
*	Nov 2015	38	55	4	131	0	131	133	6028.73	3300	176
	Dec 2015	30	58	2	135	0	135	130	6026.73	3225	154
	Jan 2016	34	65	2	135	0	135	127	6024.88	3156	152
	Feb 2016	38	67	2	127	0	127	125	6023.26	3096	144
	Mar 2016	85	98	3	52	0	52	126	6024.40	3138	107
	Apr 2016	110	105	5	48	0	48	128	6025.76	3188	203
	May 2016	165	119	8	110	0	110	128	6025.78	3189	500
	Jun 2016	260	121	10	140	0	140	127	6025.02	3161	510
	Jul 2016	155	112	13	77	0	77	128	6025.60	3182	133
	Aug 2016	65	86	12	77	0	77	128	6025.51	3179	92
	Sep 2016	43	75	11	74	0	74	128	6025.25	3170	85
	WY 2016	**1072**	**1024**	**78**	**1237**	**0**	**1237**				**2418**
	Oct 2016	50	76	7	77	0	77	127	6025.06	3162	100
	Nov 2016	47	74	3	74	0	74	127	6024.95	3158	102
	Dec 2016	35	71	2	77	0	77	127	6024.74	3151	102
	Jan 2017	40	78	2	77	0	77	127	6024.72	3150	102
	Feb 2017	45	78	2	69	0	69	127	6024.89	3156	94
	Mar 2017	102	117	3	77	0	77	128	6025.86	3192	105
	Apr 2017	134	122	5	74	0	74	130	6026.97	3234	151
	May 2017	245	186	8	137	0	137	132	6028.01	3273	353
	Jun 2017	390	260	10	192	0	192	134	6029.46	3328	724
	Jul 2017	210	174	14	111	0	111	136	6030.70	3376	531
	Aug 2017	89	117	13	111	0	111	136	6030.53	3369	211
	Sep 2017	55	110	11	107	0	107	135	6030.33	3362	132
	WY 2017	**1442**	**1463**	**80**	**1184**	**0**	**1184**				**2707**
	Oct 2017	59	115	7	111	0	111	135	6030.25	3359	130
	Nov 2017	51	117	4	107	0	107	135	6030.40	3365	139

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December 2015 24-Month Study

Most Probable Inflow*

Taylor Park Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Dec 2014	6	6	9315.74	79
H	Jan 2015	6	6	9315.48	79
I	Feb 2015	4	5	9314.94	78
S	Mar 2015	7	6	9315.31	79
T	Apr 2015	9	6	9317.32	82
O	May 2015	19	10	9321.95	91
R	Jun 2015	62	50	9328.14	102
I	Jul 2015	21	28	9324.75	96
C	Aug 2015	9	22	9317.56	83
A	Sep 2015	7	18	9311.10	72
	WY 2015	**166**	**171**		
L	Oct 2015	7	8	9310.71	71
*	Nov 2015	5	6	9310.55	71
	Dec 2015	5	6	9309.92	70
	Jan 2016	5	6	9308.97	68
	Feb 2016	4	6	9307.55	66
	Mar 2016	4	6	9306.23	64
	Apr 2016	7	6	9306.76	65
	May 2016	23	8	9316.02	80
	Jun 2016	37	18	9326.32	99
	Jul 2016	15	18	9324.77	96
	Aug 2016	8	18	9319.41	86
	Sep 2016	6	14	9314.85	78
	WY 2016	**126**	**120**		
	Oct 2016	6	12	9311.13	72
	Nov 2016	5	6	9310.37	70
	Dec 2016	5	6	9309.54	69
	Jan 2017	4	6	9308.49	68
	Feb 2017	4	6	9307.06	65
	Mar 2017	4	6	9306.03	64
	Apr 2017	9	6	9307.84	67
	May 2017	28	14	9316.55	81
	Jun 2017	42	21	9327.66	102
	Jul 2017	20	21	9327.23	101
	Aug 2017	10	20	9322.18	91
	Sep 2017	7	16	9317.43	82
	WY 2017	**144**	**140**		
	Oct 2017	7	12	9314.33	77
	Nov 2017	5	6	9313.80	76

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Managing Water in the West

December 2015 24-Month Study

Most Probable Inflow*

Blue Mesa Reservoir

	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Dec 2014	34	34	0	55	0	55	7489.11	574
H	Jan 2015	30	30	0	58	0	58	7485.48	547
I	Feb 2015	28	29	0	29	0	29	7485.47	547
S	Mar 2015	54	53	0	26	0	26	7488.96	573
T	Apr 2015	73	70	1	45	0	45	7492.04	597
O	May 2015	136	128	1	71	0	71	7498.96	653
R	Jun 2015	368	356	1	125	62	192	7517.76	815
I	Jul 2015	131	137	2	135	10	145	7516.74	806
C	Aug 2015	59	73	1	105	0	105	7512.97	772
A	Sep 2015	39	50	1	95	0	95	7507.65	726
	WY 2015	**1042**	**1047**	**9**	**835**	**72**	**912**		
L	Oct 2015	33	34	1	87	0	87	7501.39	673
*	Nov 2015	30	31	0	45	0	45	7499.64	658
	Dec 2015	26	27	0	66	0	66	7494.80	619
	Jan 2016	24	26	0	63	0	63	7490.02	582
	Feb 2016	21	23	0	41	0	41	7487.69	564
	Mar 2016	31	33	0	34	0	34	7487.50	562
	Apr 2016	67	66	1	47	0	47	7489.90	581
	May 2016	168	153	1	147	0	147	7490.54	586
	Jun 2016	218	199	1	54	0	54	7508.07	729
	Jul 2016	79	82	2	92	0	92	7506.72	718
	Aug 2016	48	58	1	105	0	105	7500.99	670
	Sep 2016	37	45	1	95	0	95	7494.72	619
	WY 2016	**783**	**777**	**9**	**875**	**0**	**875**		
	Oct 2016	38	44	1	47	0	47	7494.24	615
	Nov 2016	31	32	0	17	0	17	7496.09	630
	Dec 2016	26	27	0	75	0	75	7490.00	581
	Jan 2017	24	26	0	75	0	75	7483.54	532
	Feb 2017	22	25	0	46	0	46	7480.62	511
	Mar 2017	36	38	0	32	0	32	7481.32	516
	Apr 2017	77	74	1	46	0	46	7485.03	543
	May 2017	221	207	1	150	0	150	7492.26	599
	Jun 2017	261	240	1	60	0	60	7513.66	778
	Jul 2017	117	118	2	92	0	92	7516.40	802
	Aug 2017	63	73	1	122	0	122	7510.76	752
	Sep 2017	38	47	1	116	0	116	7502.51	682
	WY 2017	**954**	**950**	**9**	**878**	**0**	**878**		
	Oct 2017	38	44	1	47	0	47	7502.04	678
	Nov 2017	31	32	0	17	0	17	7503.80	693

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

December 2015 24-Month Study

Most Probable Inflow*

Morrow Point Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Dec 2014	35	55	1	56	56	0	56	7153.68	112
H	Jan 2015	30	58	1	58	60	0	60	7152.01	111
I	Feb 2015	29	29	1	30	31	0	31	7151.25	110
S	Mar 2015	56	26	3	29	28	0	28	7151.69	110
T	Apr 2015	79	45	6	50	51	0	51	7150.61	110
O	May 2015	151	71	15	86	84	0	84	7153.24	112
R	Jun 2015	388	192	20	212	188	0	211	7154.42	113
I	Jul 2015	135	145	3	148	148	0	148	7154.93	113
C	Aug 2015	60	105	0	105	106	0	106	7153.74	112
A	Sep 2015	39	95	0	95	103	0	103	7143.98	104
	WY 2015	**1095**	**912**	**53**	**965**	**926**	**0**	**972**		
L	Oct 2015	34	87	0	87	93	0	93	7135.56	98
*	Nov 2015	31	45	1	46	47	0	47	7133.97	97
	Dec 2015	27	66	1	67	52	0	52	7153.73	112
	Jan 2016	25	63	1	64	64	0	64	7153.73	112
	Feb 2016	23	41	2	43	43	0	43	7153.73	112
	Mar 2016	34	34	3	37	37	0	37	7153.73	112
	Apr 2016	76	47	9	56	56	0	56	7153.73	112
	May 2016	187	147	19	166	166	0	166	7153.73	112
	Jun 2016	234	54	16	70	70	0	70	7153.73	112
	Jul 2016	82	92	3	95	95	0	95	7153.73	112
	Aug 2016	51	105	3	108	108	0	108	7153.73	112
	Sep 2016	39	95	2	97	97	0	97	7153.73	112
	WY 2016	**843**	**875**	**60**	**935**	**928**	**0**	**928**		
	Oct 2016	40	47	2	49	49	0	49	7153.73	112
	Nov 2016	33	17	2	19	19	0	19	7153.73	112
	Dec 2016	28	75	2	77	77	0	77	7153.73	112
	Jan 2017	27	75	2	77	77	0	77	7153.73	112
	Feb 2017	25	46	3	49	49	0	49	7153.73	112
	Mar 2017	40	32	4	36	36	0	36	7153.73	112
	Apr 2017	88	46	11	57	57	0	57	7153.73	112
	May 2017	247	150	26	176	176	0	176	7153.73	112
	Jun 2017	281	60	20	80	80	0	80	7153.73	112
	Jul 2017	123	92	6	98	98	0	98	7153.73	112
	Aug 2017	67	122	3	125	125	0	125	7153.73	112
	Sep 2017	41	116	3	119	119	0	119	7153.73	112
	WY 2017	**1039**	**878**	**84**	**962**	**962**	**0**	**962**		
	Oct 2017	41	47	3	50	50	0	50	7153.73	112
	Nov 2017	33	17	2	19	19	0	19	7153.73	112

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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December 2015 24-Month Study

Most Probable Inflow*

Crystal Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
*	Dec 2014	39	56	5	61	61	0	61	6746.42	15	1	62
H	Jan 2015	35	60	5	64	55	9	64	6746.05	15	1	65
I	Feb 2015	34	31	4	35	11	22	33	6751.96	17	0	34
S	Mar 2015	63	28	6	35	35	0	35	6752.00	17	1	34
T	Apr 2015	85	51	7	58	58	0	58	6751.65	17	37	21
O	May 2015	164	84	13	97	90	6	96	6752.09	17	62	36
R	Jun 2015	429	211	41	253	110	78	252	6755.80	18	55	209
I	Jul 2015	143	148	9	156	114	44	158	6751.21	16	65	96
C	Aug 2015	63	106	4	110	110	0	111	6749.17	16	65	47
A	Sep 2015	42	103	3	106	96	11	107	6744.61	15	57	50
	WY 2015	**1201**	**972**	**106**	**1078**	**843**	**171**	**1078**			**393**	**709**
L	Oct 2015	37	93	3	96	0	94	94	6750.81	16	51	44
*	Nov 2015	34	47	3	50	0	50	50	6750.12	16	0	49
	Dec 2015	30	52	3	55	54	0	54	6753.04	17	0	54
	Jan 2016	28	64	3	67	67	0	67	6753.04	17	0	67
	Feb 2016	26	43	3	46	46	0	46	6753.04	17	0	46
	Mar 2016	39	37	5	42	42	0	42	6753.04	17	5	37
	Apr 2016	86	56	10	66	66	0	66	6753.04	17	30	36
	May 2016	211	166	24	190	134	56	190	6753.04	17	55	135
	Jun 2016	260	70	26	96	96	0	96	6753.04	17	60	36
	Jul 2016	90	95	8	103	103	0	103	6753.04	17	65	38
	Aug 2016	57	108	6	114	114	0	114	6753.04	17	65	49
	Sep 2016	45	97	6	103	103	0	103	6753.04	17	55	48
	WY 2016	**943**	**928**	**100**	**1028**	**825**	**200**	**1026**			**387**	**640**
	Oct 2016	46	49	6	55	55	0	55	6753.04	17	30	25
	Nov 2016	38	19	5	24	24	0	24	6753.04	17	0	24
	Dec 2016	32	77	5	82	82	0	82	6753.04	17	0	82
	Jan 2017	31	77	5	82	82	0	82	6753.04	17	0	82
	Feb 2017	29	49	4	52	52	0	52	6753.04	17	0	52
	Mar 2017	46	36	6	42	42	0	42	6753.04	17	5	37
	Apr 2017	101	57	12	70	70	0	70	6753.04	17	30	40
	May 2017	281	176	34	210	134	76	210	6753.04	17	55	155
	Jun 2017	315	80	34	114	114	0	114	6753.04	17	60	54
	Jul 2017	138	98	14	112	112	0	112	6753.04	17	65	47
	Aug 2017	75	125	8	134	134	0	134	6753.04	17	65	69
	Sep 2017	47	119	6	125	125	0	125	6753.04	17	55	70
	WY 2017	**1178**	**962**	**140**	**1102**	**1026**	**76**	**1102**			**365**	**737**
	Oct 2017	47	50	6	56	56	0	56	6753.04	17	30	26
	Nov 2017	38	19	5	24	24	0	24	6753.04	17	0	24

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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December 2015 24-Month Study

Most Probable Inflow*

Vallecito Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Dec 2014	6	4	7653.53	96
H	Jan 2015	6	5	7654.18	97
I	Feb 2015	7	4	7655.19	100
S	Mar 2015	13	12	7655.67	101
T	Apr 2015	19	11	7658.49	108
O	May 2015	43	31	7662.94	120
R	Jun 2015	106	103	7664.05	123
I	Jul 2015	37	42	7661.73	117
C	Aug 2015	13	35	7652.83	94
A	Sep 2015	11	29	7645.08	75
	WY 2015	**294**	**285**		
L	Oct 2015	17	15	7645.65	77
*	Nov 2015	11	5	7648.25	83
	Dec 2015	7	2	7650.31	88
	Jan 2016	6	2	7651.91	92
	Feb 2016	5	1	7653.12	95
	Mar 2016	8	2	7655.61	101
	Apr 2016	25	2	7664.11	123
	May 2016	68	68	7664.11	123
	Jun 2016	70	69	7664.11	123
	Jul 2016	25	41	7657.63	106
	Aug 2016	17	38	7649.10	85
	Sep 2016	15	29	7642.75	70
	WY 2016	**273**	**274**		
	Oct 2016	14	16	7641.62	68
	Nov 2016	8	1	7644.68	75
	Dec 2016	6	2	7646.74	79
	Jan 2017	5	2	7648.35	83
	Feb 2017	5	1	7649.71	86
	Mar 2017	9	2	7652.54	93
	Apr 2017	23	1	7660.97	115
	May 2017	71	63	7664.10	123
	Jun 2017	70	70	7664.10	123
	Jul 2017	29	42	7659.06	110
	Aug 2017	20	38	7651.74	91
	Sep 2017	17	30	7646.49	79
	WY 2017	**279**	**267**		
	Oct 2017	16	17	7645.72	77
	Nov 2017	9	1	7648.80	84

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Managing Water in the West

December 2015 24-Month Study

Most Probable Inflow*

Navajo Reservoir

	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azetea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Farmington Flow (1000 Ac-Ft)
*	Dec 2014	19	0	17	1	0	21	6037.94	1091	44
H	Jan 2015	23	0	21	1	0	21	6037.90	1090	40
I	Feb 2015	28	1	25	1	0	19	6038.43	1096	41
S	Mar 2015	86	7	79	1	3	20	6043.43	1150	56
T	Apr 2015	80	8	63	2	20	21	6045.22	1170	38
O	May 2015	178	24	144	3	23	21	6053.44	1267	93
R	Jun 2015	285	38	241	4	20	22	6068.60	1461	254
I	Jul 2015	76	9	71	5	39	27	6068.68	1462	90
C	Aug 2015	15	1	36	4	33	42	6065.47	1419	70
A	Sep 2015	15	0	33	3	25	33	6063.41	1392	66
	WY 2015	**900**	**90**	**797**	**27**	**170**	**289**			**903**
L	Oct 2015	40	1	38	2	9	27	6063.43	1392	
*	Nov 2015	35	1	28	1	0	19	6064.00	1400	
	Dec 2015	25	0	20	1	0	21	6063.85	1398	35
	Jan 2016	21	0	17	1	0	22	6063.46	1392	34
	Feb 2016	24	0	21	1	0	20	6063.45	1392	31
	Mar 2016	65	2	57	2	5	22	6065.59	1421	39
	Apr 2016	155	14	118	3	20	21	6071.06	1495	72
	May 2016	250	37	212	4	34	104	6075.99	1566	232
	Jun 2016	201	32	169	5	49	150	6073.53	1530	284
	Jul 2016	44	6	54	5	53	37	6070.64	1489	90
	Aug 2016	36	1	55	4	44	47	6067.76	1450	80
	Sep 2016	34	1	47	3	24	83	6063.09	1388	108
	WY 2016	**930**	**96**	**837**	**30**	**238**	**574**			**1005**
	Oct 2016	40	2	41	2	9	23	6063.65	1395	47
	Nov 2016	31	1	24	1	0	21	6063.79	1397	38
	Dec 2016	25	0	20	1	0	22	6063.64	1395	37
	Jan 2017	22	0	18	1	0	22	6063.32	1391	37
	Feb 2017	30	0	27	1	0	19	6063.82	1397	33
	Mar 2017	92	2	83	2	5	22	6067.94	1452	34
	Apr 2017	170	15	133	3	20	47	6072.58	1517	69
	May 2017	277	41	227	4	34	231	6069.61	1475	284
	Jun 2017	224	33	190	4	49	212	6064.03	1400	358
	Jul 2017	66	7	72	5	53	22	6063.45	1392	173
	Aug 2017	45	2	62	4	45	22	6062.80	1384	89
	Sep 2017	43	1	55	3	25	23	6063.08	1387	62
	WY 2017	**1066**	**103**	**951**	**29**	**238**	**684**			**1259**
	Oct 2017	47	2	47	2	9	24	6063.98	1399	57
	Nov 2017	34	1	25	1	0	21	6064.26	1403	49

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Managing Water in the West

December 2015 24-Month Study

Most Probable Inflow*

Lake Powell

	Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry Gage (1000 Ac-Ft)
*	Dec 2014	409	465	25	864	0	864	3597.75	4977	11537	880
H	Jan 2015	348	449	8	862	0	862	3593.57	4945	11147	878
I	Feb 2015	424	464	8	589	0	589	3592.23	4936	11024	595
S	Mar 2015	552	543	14	649	0	649	3591.02	4927	10913	656
T	Apr 2015	639	539	21	600	0	600	3590.18	4921	10837	610
O	May 2015	1613	1431	25	699	0	699	3597.27	4973	11491	708
R	Jun 2015	3389	2570	44	800	0	800	3613.54	5101	13090	801
I	Jul 2015	1072	1002	55	1048	0	1048	3612.62	5093	12996	1079
C	Aug 2015	313	466	54	799	0	799	3609.07	5065	12637	821
A	Sep 2015	276	435	49	714	0	714	3606.01	5040	12333	732
	WY 2015	**10174**	**9419**	**368**	**8868**	**132**	**9000**				**9154**
L	Oct 2015	535	680	34	600	0	600	3606.44	5044	12375	617
*	Nov 2015	449	534	32	604	0	604	3605.47	5036	12280	593
	Dec 2015	320	446	26	900	0	900	3600.89	5001	11836	906
	Jan 2016	280	421	8	900	0	900	3596.13	4964	11385	909
	Feb 2016	330	435	8	700	0	700	3593.41	4944	11132	705
	Mar 2016	540	473	14	650	0	650	3591.49	4930	10956	656
	Apr 2016	820	638	22	600	0	600	3591.65	4931	10971	610
	May 2016	1680	1530	26	700	0	700	3599.63	4991	11715	708
	Jun 2016	2300	2046	43	800	0	800	3610.97	5080	12828	809
	Jul 2016	800	787	54	950	0	950	3608.98	5064	12628	965
	Aug 2016	350	475	53	900	0	900	3604.51	5029	12186	917
	Sep 2016	320	483	47	695	0	695	3602.03	5009	11945	708
	WY 2016	**8724**	**8947**	**366**	**9000**	**0**	**9000**				**9102**
	Oct 2016	438	467	32	600	0	600	3600.44	4997	11792	609
	Nov 2016	439	442	31	600	0	600	3598.61	4983	11618	606
	Dec 2016	363	450	24	800	0	800	3594.91	4955	11271	806
	Jan 2017	361	448	7	800	0	800	3591.30	4929	10939	809
	Feb 2017	393	431	8	650	0	650	3588.98	4912	10728	655
	Mar 2017	665	572	13	650	0	650	3588.04	4905	10644	656
	Apr 2017	1056	876	21	600	0	600	3590.66	4924	10880	610
	May 2017	2343	2193	27	650	0	650	3605.51	5036	12284	658
	Jun 2017	2666	2338	46	800	0	800	3619.08	5147	13666	809
	Jul 2017	1091	982	57	1000	0	1000	3618.42	5141	13596	1015
	Aug 2017	500	603	56	1050	0	1050	3613.94	5104	13131	1067
	Sep 2017	408	544	51	800	0	800	3611.15	5081	12847	813
	WY 2017	**10723**	**10347**	**373**	**9000**	**0**	**9000**				**9113**
	Oct 2017	512	561	35	600	0	600	3610.48	5076	12778	609
	Nov 2017	473	503	33	600	0	600	3609.28	5066	12657	606

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December 2015 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

U.S. DEPARTMENT OF THE INTERIOR
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	Date	Glen Release (1000 Ac-Ft)	Side Inflow Glen to Hoover (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Dec 2014	864	56	37	493	8.0	8	492	693	1087.79	10667
H	Jan 2015	862	73	31	832	13.5	6	832	697	1088.51	10729
I	Feb 2015	589	90	28	600	10.8	8	599	700	1088.98	10769
S	Mar 2015	649	57	31	1034	16.8	14	1033	677	1084.87	10419
T	Apr 2015	600	26	38	1087	18.3	20	1086	646	1079.03	9931
O	May 2015	699	25	43	871	14.2	25	862	632	1076.57	9729
R	Jun 2015	800	16	52	868	14.6	25	868	624	1075.08	9607
I	Jul 2015	1048	80	65	767	12.5	28	766	641	1078.15	9858
C	Aug 2015	799	114	70	803	13.1	27	802	642	1078.31	9871
A	Sep 2015	714	73	58	723	12.1	25	722	641	1078.10	9854
	WY 2015	**9000**	**722**	**540**	**9246**		**221**	**9216**			
L	Oct 2015	600	118	42	578	9.4	20	577	645	1078.99	9927
*	Nov 2015	604	14	42	631	10.6	12	630	641	1078.23	9865
	Dec 2015	900	96	36	617	10.0	10	617	662	1082.00	10177
	Jan 2016	900	72	30	678	11.0	8	678	677	1084.86	10418
	Feb 2016	700	77	28	569	9.9	7	569	688	1086.77	10580
	Mar 2016	650	61	31	1023	16.6	15	1023	666	1082.80	10244
	Apr 2016	600	76	38	1107	18.6	21	1107	636	1077.24	9784
	May 2016	700	49	43	1014	16.5	29	1014	615	1073.36	9468
	Jun 2016	800	23	51	939	15.8	30	939	603	1071.06	9284
	Jul 2016	950	67	64	890	14.5	31	890	605	1071.44	9314
	Aug 2016	900	127	68	795	12.9	29	795	614	1073.01	9440
	Sep 2016	695	114	56	726	12.2	16	726	614	1073.14	9451
	WY 2016	**9000**	**894**	**531**	**9567**		**227**	**9565**			
	Oct 2016	600	61	41	483	7.9	20	483	621	1074.49	9560
	Nov 2016	600	50	41	629	10.6	11	629	620	1074.14	9531
	Dec 2016	800	96	36	560	9.1	7	560	637	1077.52	9806
	Jan 2017	800	72	30	699	11.4	8	699	646	1079.06	9933
	Feb 2017	650	77	27	627	11.3	7	627	650	1079.80	9995
	Mar 2017	650	61	30	1025	16.7	15	1025	628	1075.69	9657
	Apr 2017	600	76	37	1098	18.5	21	1098	598	1070.08	9206
	May 2017	650	49	42	1004	16.3	30	1004	575	1065.59	8853
	Jun 2017	800	23	50	931	15.7	30	931	564	1063.31	8676
	Jul 2017	1000	67	62	881	14.3	31	881	570	1064.44	8764
	Aug 2017	1050	127	66	786	12.8	29	786	588	1068.00	9041
	Sep 2017	800	114	55	726	12.2	16	726	595	1069.37	9150
	WY 2017	**9000**	**874**	**517**	**9449**		**227**	**9449**			
	Oct 2017	600	61	41	486	7.9	21	486	602	1070.72	9257
	Nov 2017	600	50	41	631	10.6	11	631	600	1070.33	9226

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December 2015 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Dec 2014	493	-2	9	445	0	445	7.2	637.75	1558
H	Jan 2015	832	-22	10	660	0	660	10.7	642.98	1698
I	Feb 2015	600	-8	10	625	0	625	11.3	641.43	1656
S	Mar 2015	1034	-21	13	963	0	963	15.7	642.78	1693
T	Apr 2015	1087	-18	17	1022	0	1022	17.2	643.88	1723
O	May 2015	871	-10	22	854	0	854	13.9	643.30	1707
R	Jun 2015	868	-19	26	810	0	810	13.6	643.81	1721
I	Jul 2015	767	-14	25	762	0	762	12.4	642.57	1687
C	Aug 2015	803	-16	23	775	0	775	12.6	642.12	1675
A	Sep 2015	723	-16	18	758	0	758	12.7	639.56	1606
	WY 2015	**9246**	**-142**	**198**	**8945**	**0**	**8945**			
L	Oct 2015	578	-7	15	655	0	655	10.7	635.80	1507
*	Nov 2015	631	-14	10	599	0	599	10.1	636.11	1514
	Dec 2015	617	-12	9	527	0	527	8.6	638.70	1583
	Jan 2016	678	-13	10	580	0	580	9.4	641.50	1658
	Feb 2016	569	-13	10	538	0	538	9.4	641.80	1666
	Mar 2016	1023	-15	13	960	0	960	15.6	643.05	1700
	Apr 2016	1107	-19	17	1073	0	1073	18.0	643.00	1699
	May 2016	1014	-15	22	976	0	976	15.9	643.00	1699
	Jun 2016	939	-17	25	923	0	923	15.5	642.00	1671
	Jul 2016	890	-13	25	865	0	865	14.1	641.50	1658
	Aug 2016	795	-10	23	762	0	762	12.4	641.50	1658
	Sep 2016	726	-6	18	742	0	742	12.5	640.01	1617
	WY 2016	**9567**	**-155**	**197**	**9202**	**0**	**9202**			
	Oct 2016	483	1	15	653	0	653	10.6	633.00	1434
	Nov 2016	629	-11	10	556	0	556	9.3	635.00	1486
	Dec 2016	560	-12	9	442	0	442	7.2	638.71	1583
	Jan 2017	699	-13	10	594	0	594	9.7	641.80	1666
	Feb 2017	627	-13	10	604	0	604	10.9	641.80	1666
	Mar 2017	1025	-15	13	963	0	963	15.7	643.05	1700
	Apr 2017	1098	-19	17	1064	0	1064	17.9	643.00	1699
	May 2017	1004	-15	22	967	0	967	15.7	643.00	1699
	Jun 2017	931	-17	25	916	0	916	15.4	642.00	1671
	Jul 2017	881	-13	25	856	0	856	13.9	641.50	1658
	Aug 2017	786	-10	23	753	0	753	12.2	641.50	1658
	Sep 2017	726	-6	18	742	0	742	12.5	640.01	1617
	WY 2017	**9449**	**-143**	**197**	**9109**	**0**	**9109**			
	Oct 2017	486	1	15	656	0	656	10.7	633.00	1434
	Nov 2017	631	-11	10	559	0	559	9.4	635.00	1486

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

December 2015 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	Dec 2014	445	18	7	240	3.9	109	132	446.36	549	98	1.6
H	Jan 2015	660	17	6	348	5.7	105	180	448.22	584	146	2.4
I	Feb 2015	625	9	8	473	8.5	54	109	447.38	568	172	3.1
S	Mar 2015	963	3	9	707	11.5	86	146	447.89	578	219	3.6
T	Apr 2015	1022	13	11	752	12.6	104	154	448.09	582	210	3.5
O	May 2015	854	21	13	559	9.1	108	177	448.50	590	113	1.8
R	Jun 2015	810	19	16	615	10.3	104	77	448.89	597	109	1.8
I	Jul 2015	762	17	17	592	9.6	107	70	447.99	580	107	1.7
C	Aug 2015	775	16	17	580	9.4	107	70	448.30	586	93	1.5
A	Sep 2015	758	19	15	487	8.2	104	168	448.04	581	90	1.5
	WY 2015	**8945**	**178**	**140**	**6135**		**1195**	**1566**			**1510**	
L	Oct 2015	655	34	12	458	7.5	101	115	447.88	578	59	1.0
*	Nov 2015	599	12	9	385	6.5	98	120	447.57	572	93	1.6
	Dec 2015	527	21	7	330	5.4	99	129	446.50	552	104	1.7
	Jan 2016	580	18	6	348	5.7	99	140	446.50	552	130	2.1
	Feb 2016	538	11	8	435	7.6	15	86	446.50	552	161	2.8
	Mar 2016	960	15	9	719	11.7	95	140	446.70	555	205	3.3
	Apr 2016	1073	23	11	786	13.2	90	162	448.70	593	205	3.4
	May 2016	976	17	13	707	11.5	93	168	448.70	593	113	1.8
	Jun 2016	923	15	16	700	11.8	90	118	448.70	593	111	1.9
	Jul 2016	865	29	17	703	11.4	93	80	448.00	580	119	1.9
	Aug 2016	762	27	17	598	9.7	93	79	447.50	571	100	1.6
	Sep 2016	742	23	15	533	9.0	90	118	447.50	570	89	1.5
	WY 2016	**9202**	**246**	**139**	**6701**		**1057**	**1454**			**1490**	
	Oct 2016	653	25	12	441	7.2	93	124	447.50	571	55	0.9
	Nov 2016	556	27	9	357	6.0	90	121	447.50	571	103	1.7
	Dec 2016	442	21	7	269	4.4	93	108	446.50	552	108	1.7
	Jan 2017	594	18	6	347	5.6	79	174	446.50	552	130	2.1
	Feb 2017	604	11	8	438	7.9	70	93	446.50	552	161	2.9
	Mar 2017	963	15	9	730	11.9	79	147	446.70	555	205	3.3
	Apr 2017	1064	23	11	784	13.2	76	169	448.70	593	205	3.4
	May 2017	967	17	13	704	11.4	79	175	448.70	593	113	1.8
	Jun 2017	916	15	16	700	11.8	76	126	448.70	593	111	1.9
	Jul 2017	856	29	17	702	11.4	79	87	448.00	580	119	1.9
	Aug 2017	753	27	17	595	9.7	79	86	447.50	571	100	1.6
	Sep 2017	742	23	15	540	9.1	76	125	447.50	570	89	1.5
	WY 2017	**9109**	**252**	**139**	**6607**		**969**	**1537**			**1500**	
	Oct 2017	656	25	12	451	7.3	79	132	447.50	571	55	0.9
	Nov 2017	559	27	9	367	6.2	76	129	447.50	571	103	1.7

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

December 2015 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Dec 2014	493	8.0	1087.79	10667	358	446.86	889.0	189.0	55	383.3
H	Jan 2015	832	13.5	1088.51	10729	62	441.51	1018.0	333.5	63	400.6
I	Feb 2015	600	10.8	1088.98	10769	40	444.73	848.0	239.1	52	398.4
S	Mar 2015	1034	16.8	1084.87	10419	-350	440.21	952.0	412.2	60	398.7
T	Apr 2015	1087	18.3	1079.03	9931	-488	430.55	1217.0	427.4	76	393.2
O	May 2015	871	14.2	1076.57	9729	-202	432.58	1165.0	337.2	74	387.2
R	Jun 2015	868	14.6	1075.08	9607	-121	427.78	1573.0	332.0	100	382.4
I	Jul 2015	767	12.5	1078.15	9858	251	432.42	1455.0	292.7	94	381.4
C	Aug 2015	803	13.1	1078.31	9871	13	434.75	1451.0	307.8	93	383.4
A	Sep 2015	723	12.1	1078.10	9854	-17	435.36	1563.0	275.2	100	380.7
	WY 2015	**9246**							**3596.9**		
L	Oct 2015	578	9.4	1078.99	9927	73	435.13	757.4	221.8	70	383.6
*	Nov 2015	631	10.6	1078.23	9865	-63	433.49	1088.0	244.8	70	387.9
	Dec 2015	617	10.0	1082.00	10177	312	433.75	1069.0	240.5	68	389.8
	Jan 2016	678	11.0	1084.86	10418	240	436.00	969.0	266.3	61	392.9
	Feb 2016	569	9.9	1086.77	10580	162	437.34	975.0	224.1	61	393.7
	Mar 2016	1023	16.6	1082.80	10244	-336	434.43	1162.0	404.7	74	395.7
	Apr 2016	1107	18.6	1077.24	9784	-460	427.95	1333.0	433.7	87	391.7
	May 2016	1014	16.5	1073.36	9468	-316	421.87	1514.0	381.6	100	376.5
	Jun 2016	939	15.8	1071.06	9284	-185	419.13	1502.0	355.4	100	378.6
	Jul 2016	890	14.5	1071.44	9314	31	418.67	1508.0	340.1	100	382.2
	Aug 2016	795	12.9	1073.01	9440	126	419.80	1528.0	301.3	100	378.8
	Sep 2016	726	12.2	1073.14	9451	10	421.12	1536.0	274.1	100	377.5
	WY 2016	**9567**							**3688.3**		
	Oct 2016	483	7.9	1074.49	9560	109	425.39	1338.0	183.8	87	380.3
	Nov 2016	629	10.6	1074.14	9531	-29	428.07	1352.0	237.6	88	378.0
	Dec 2016	560	9.1	1077.52	9806	275	429.66	1084.0	213.5	69	381.0
	Jan 2017	699	11.4	1079.06	9933	127	430.54	995.0	272.1	63	389.2
	Feb 2017	627	11.3	1079.80	9995	62	431.43	884.0	245.7	56	392.1
	Mar 2017	1025	16.7	1075.69	9657	-338	429.34	871.0	411.2	56	401.1
	Apr 2017	1098	18.5	1070.08	9206	-451	420.87	1311.7	422.3	87	384.6
	May 2017	1004	16.3	1065.59	8853	-353	414.47	1489.1	370.5	100	369.1
	Jun 2017	931	15.7	1063.31	8676	-176	411.45	1476.1	345.5	100	371.0
	Jul 2017	881	14.3	1064.44	8764	87	411.37	1482.3	330.3	100	374.8
	Aug 2017	786	12.8	1068.00	9041	278	413.85	1502.2	292.9	100	372.9
	Sep 2017	726	12.2	1069.37	9150	109	416.78	1509.8	271.4	100	373.6
	WY 2017	**9449**							**3596.9**		
	Oct 2017	486	7.9	1070.72	9257	107	421.65	1314.8	183.5	87	377.6
	Nov 2017	631	10.6	1070.33	9226	-31	424.31	1328.2	236.7	88	375.1

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

December 2015 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Dec 2014	445	7.2	637.75	1558	37	134.54	165.8	52.7	65	118.4
H	Jan 2015	660	10.7	642.98	1698	141	141.44	163.2	82.8	64	125.4
I	Feb 2015	625	11.3	641.43	1656	-42	140.07	188.7	79.9	74	127.8
S	Mar 2015	963	15.7	642.78	1693	37	139.75	229.5	123.2	90	128.0
T	Apr 2015	1022	17.2	643.88	1723	30	141.00	255.0	129.5	100	126.8
O	May 2015	854	13.9	643.30	1707	-16	141.92	252.5	110.0	99	128.8
R	Jun 2015	810	13.6	643.81	1721	14	144.85	255.0	104.6	100	129.1
I	Jul 2015	762	12.4	642.57	1687	-34	140.97	255.0	98.4	100	129.1
C	Aug 2015	775	12.6	642.12	1675	-12	142.40	255.0	99.2	100	127.9
A	Sep 2015	758	12.7	639.56	1606	-69	137.76	255.0	95.5	100	126.0
	WY 2015	**8945**							**1122.4**		
L	Oct 2015	655	10.7	635.80	1507	-99	136.05	211.7	81.6	83	124.5
*	Nov 2015	599	10.1	636.11	1514	8	136.53	165.8	72.5	65	121.0
	Dec 2015	527	8.6	638.70	1583	68	133.26	155.6	64.6	61	122.5
	Jan 2016	580	9.4	641.50	1658	75	135.98	158.1	72.3	62	124.6
	Feb 2016	538	9.4	641.80	1666	8	137.11	170.9	67.8	67	126.0
	Mar 2016	960	15.6	643.05	1700	34	136.71	209.1	119.6	82	124.6
	Apr 2016	1073	18.0	643.00	1699	-2	136.40	242.3	133.5	95	124.4
	May 2016	976	15.9	643.00	1699	0	136.04	255.0	122.1	100	125.0
	Jun 2016	923	15.5	642.00	1671	-27	135.51	255.0	115.1	100	124.7
	Jul 2016	865	14.1	641.50	1658	-14	134.73	255.0	107.6	100	124.4
	Aug 2016	762	12.4	641.50	1658	0	134.46	255.0	95.1	100	124.8
	Sep 2016	742	12.5	640.01	1617	-40	133.68	255.0	92.1	100	124.1
	WY 2016	**9202**							**1143.9**		
	Oct 2016	653	10.6	633.00	1434	-183	129.77	234.6	79.0	92	120.9
	Nov 2016	556	9.3	635.00	1486	51	128.06	204.0	66.3	80	119.1
	Dec 2016	442	7.2	638.71	1583	97	130.45	224.4	54.1	88	122.6
	Jan 2017	594	9.7	641.80	1666	83	135.03	191.3	74.0	75	124.6
	Feb 2017	604	10.9	641.80	1666	0	137.09	176.0	75.8	69	125.6
	Mar 2017	963	15.7	643.05	1700	34	135.44	255.0	119.9	100	124.6
	Apr 2017	1064	17.9	643.00	1699	-2	136.07	255.0	132.4	100	124.4
	May 2017	967	15.7	643.00	1699	0	136.04	255.0	120.9	100	125.1
	Jun 2017	916	15.4	642.00	1671	-27	135.51	255.0	114.2	100	124.7
	Jul 2017	856	13.9	641.50	1658	-14	134.73	255.0	106.6	100	124.5
	Aug 2017	753	12.2	641.50	1658	0	134.46	255.0	93.9	100	124.8
	Sep 2017	742	12.5	640.01	1617	-40	133.68	255.0	92.1	100	124.1
	WY 2017	**9109**							**1129.2**		
	Oct 2017	656	10.7	633.00	1434	-183	129.77	234.6	79.3	92	120.9
	Nov 2017	559	9.4	635.00	1486	51	128.06	204.0	66.6	80	119.1

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

December 2015 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Dec 2014	240	3.9	446.36	549	-26	81.87	120.0	15.5	100	64.8
H	Jan 2015	348	5.7	448.22	584	35	82.97	93.6	24.3	78	69.7
I	Feb 2015	473	8.5	447.38	568	-16	81.70	94.8	33.2	79	70.2
S	Mar 2015	707	11.5	447.89	578	10	79.76	108.0	49.6	90	70.2
T	Apr 2015	752	12.6	448.09	582	4	80.20	120.0	52.5	100	69.8
O	May 2015	559	9.1	448.50	590	8	81.62	112.8	39.5	94	70.7
R	Jun 2015	615	10.3	448.89	597	7	79.48	120.0	43.6	100	70.8
I	Jul 2015	592	9.6	447.99	580	-17	81.75	120.0	41.8	100	70.7
C	Aug 2015	580	9.4	448.30	586	6	82.40	120.0	40.9	100	70.4
A	Sep 2015	487	8.2	448.04	581	-5	82.23	120.0	34.6	100	71.1
	WY 2015	**6135**							**430.7**		
L	Oct 2015	458	7.5	447.88	578	-3	81.97	91.2	32.3	76	70.6
*	Nov 2015	385	6.5	447.57	572	-6	83.21	96.0	27.1	80	70.3
	Dec 2015	330	5.4	446.50	552	-20	74.43	120.0	20.8	100	63.2
	Jan 2016	348	5.7	446.50	552	0	75.01	96.0	22.3	80	64.0
	Feb 2016	435	7.6	446.50	552	0	75.13	93.6	28.3	78	65.1
	Mar 2016	719	11.7	446.70	555	4	74.01	120.0	46.7	100	65.0
	Apr 2016	786	13.2	448.70	593	38	75.08	120.0	51.9	100	66.0
	May 2016	707	11.5	448.70	593	0	76.05	120.0	47.0	100	66.5
	Jun 2016	700	11.8	448.70	593	0	76.05	120.0	46.6	100	66.5
	Jul 2016	703	11.4	448.00	580	-13	75.71	120.0	46.6	100	66.2
	Aug 2016	598	9.7	447.50	571	-9	75.13	120.0	39.1	100	65.4
	Sep 2016	533	9.0	447.50	570	0	74.89	120.0	34.7	100	65.1
	WY 2016	**6701**							**443.3**		
	Oct 2016	441	7.2	447.50	571	0	75.74	100.8	28.8	84	65.2
	Nov 2016	357	6.0	447.50	571	0	75.92	97.2	23.2	81	64.8
	Dec 2016	269	4.4	446.50	552	-19	74.40	120.0	16.8	100	62.3
	Jan 2017	347	5.6	446.50	552	0	75.13	93.6	22.2	78	64.1
	Feb 2017	438	7.9	446.50	552	0	74.71	102.0	28.4	85	64.8
	Mar 2017	730	11.9	446.70	555	4	74.01	120.0	47.4	100	65.0
	Apr 2017	784	13.2	448.70	593	38	75.08	120.0	51.7	100	66.0
	May 2017	704	11.4	448.70	593	0	76.05	120.0	46.8	100	66.5
	Jun 2017	700	11.8	448.70	593	0	76.05	120.0	46.6	100	66.5
	Jul 2017	702	11.4	448.00	580	-13	75.71	120.0	46.5	100	66.2
	Aug 2017	595	9.7	447.50	571	-9	75.13	120.0	39.0	100	65.4
	Sep 2017	540	9.1	447.50	570	0	74.89	120.0	35.2	100	65.1
	WY 2017	**6607**							**432.4**		
	Oct 2017	451	7.3	447.50	571	0	75.74	100.8	29.5	84	65.3
	Nov 2017	367	6.2	447.50	571	0	75.92	97.2	23.8	81	64.9

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

December 2015 24-Month Study

Most Probable Inflow*

Upper Basin Power

	Date	Glen Canyon 1000 MWHR	Flaming Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Reservoir 1000 MWHR	Fontenelle Reservoir 1000 MWHR
*	Dec 2014	377	43	15	19	11	6
H	Jan 2015	373	48	16	20	10	6
I	Feb 2015	254	44	8	10	2	5
S	Mar 2015	278	48	7	9	5	6
	Winter 2015	**1827**	**250**	**72**	**83**	**46**	**37**
T	Apr 2015	256	28	13	17	11	7
O	May 2015	299	65	21	30	18	8
R	Jun 2015	348	40	38	67	21	9
I	Jul 2015	471	42	41	53	22	8
C	Aug 2015	357	42	32	38	21	7
A	Sep 2015	317	40	28	37	18	0
	Summer 2015	**2049**	**256**	**173**	**241**	**111**	**39**
L	Oct 2015	264	52	26	32	0	4
*	Nov 2015	256	52	13	15	0	4
	Dec 2015	357	49	20	18	9	5
	Jan 2016	353	49	19	23	12	4
	Feb 2016	272	46	12	15	8	4
	Mar 2016	252	19	10	13	7	4
	Winter 2016	**1755**	**268**	**99**	**117**	**36**	**25**
	Apr 2016	232	17	14	20	11	4
	May 2016	273	40	43	60	23	5
	Jun 2016	318	51	16	25	17	7
	Jul 2016	382	28	28	34	18	9
	Aug 2016	359	28	32	39	20	7
	Sep 2016	276	27	29	35	18	6
	Summer 2016	**1840**	**192**	**162**	**213**	**107**	**38**
	Oct 2016	237	28	14	18	10	6
	Nov 2016	236	27	5	7	4	6
	Dec 2016	313	28	22	28	14	6
	Jan 2017	310	28	22	28	14	5
	Feb 2017	250	25	13	17	9	4
	Mar 2017	250	28	9	13	7	4
	Winter 2017	**1596**	**164**	**86**	**111**	**58**	**31**
	Apr 2017	231	27	13	21	12	5
	May 2017	255	50	44	63	23	7
	Jun 2017	323	70	18	29	20	9
	Jul 2017	410	41	29	35	19	10
	Aug 2017	427	41	38	45	23	10
	Sep 2017	323	39	36	43	22	9
	Summer 2017	**1646**	**229**	**143**	**193**	**97**	**40**
	Oct 2017	242	41	14	18	10	9
	Nov 2017	241	39	5	7	4	7

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2212

Processed On: 12/9/2015 4:38:28PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

December 2015 24-Month Study

Most Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions

Date	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Total KAF	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****CREDITABLE SPACE****										
Dec 2015	572	171	296	12042	13082	17512	30594	572	171	296	1039	12042	17512	30594	4580	617	0	29.8
Jan 2016	676	210	298	12486	13671	17200	30871	676	210	298	1185	12486	17200	30871	5350	678	0	29.5
								****EFFECTIVE SPACE****										
Jan 2016	676	210	298	12486	13671	17200	30871	159	130	271	560	12486	17200	30246	5350	678	0	29.5
Feb 2016	777	248	304	12937	14266	16959	31225	260	169	276	705	12937	16959	30602	1500	569	0	29.3
Mar 2016	866	266	304	13190	14626	16797	31423	348	189	275	813	13190	16797	30800	1500	1023	0	28.9
Apr 2016	838	267	275	13366	14747	17133	31880	315	192	240	747	13366	17133	31246	1500	1107	0	28.6
May 2016	783	249	201	13351	14584	17593	32177	253	172	143	567	13351	17593	31512	1500	1014	0	29.2
Jun 2016	737	244	130	12607	13719	17909	31628	198	151	35	384	12607	17909	30900	1500	939	0	30.3
Jul 2016	628	100	166	11494	12388	18093	30482	78	-13	17	82	11494	18093	29669	1500	890	0	30.1
								****CREDITABLE SPACE****										
Aug 2016	567	112	207	11694	12580	18063	30642	567	112	207	885	11694	18063	30642	1500	795	0	29.7
Sep 2016	593	160	246	12136	13136	17937	31072	593	160	246	999	12136	17937	31072	2270	726	0	29.3
Oct 2016	637	211	308	12377	13533	17926	31459	637	211	308	1156	12377	17926	31459	3040	483	0	29.0
Nov 2016	671	215	301	12530	13717	17817	31534	671	215	301	1187	12530	17817	31534	3810	629	0	28.8
Dec 2016	702	200	299	12704	13906	17846	31751	702	200	299	1201	12704	17846	31751	4580	560	0	28.7
Jan 2017	746	248	301	13051	14346	17571	31917	746	248	301	1296	13051	17571	31917	5350	699	0	28.5
								****EFFECTIVE SPACE****										
Jan 2017	746	248	301	13051	14346	17571	31917	428	248	176	853	13051	17571	31474	5350	699	0	28.5
Feb 2017	785	297	305	13383	14771	17444	32215	464	297	180	942	13383	17444	31769	1500	627	0	28.3
Mar 2017	813	319	299	13594	15024	17382	32407	489	319	172	981	13594	17382	31957	1500	1025	0	28.0
Apr 2017	792	314	244	13678	15028	17720	32748	464	314	111	888	13678	17720	32287	1500	1098	0	28.0
May 2017	740	286	179	13442	14647	18171	32819	405	286	24	715	13442	18171	32328	1500	1004	0	29.2
Jun 2017	643	230	221	12038	13132	18524	31656	297	226	28	551	12038	18524	31113	1500	931	0	30.7
Jul 2017	460	52	296	10656	11464	18701	30165	99	25	50	175	10656	18701	29532	1500	881	0	30.7
								****CREDITABLE SPACE****										
Aug 2017	379	27	304	10726	11435	18613	30049	379	27	304	710	10726	18613	30049	1500	786	0	30.4
Sep 2017	416	77	312	11191	11996	18336	30332	416	77	312	805	11191	18336	30332	2270	726	0	30.1
Oct 2017	481	147	309	11475	12412	18227	30639	481	147	309	937	11475	18227	30639	3040	486	0	29.9
Nov 2017	541	151	297	11544	12532	18120	30653	541	151	297	989	11544	18120	30653	3810	631	0	29.7

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 2212

Processed On: 12/9/2015 4:38:28PM

January 24-Month Study
Date: January 15, 2016

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

Reservoir	December Inflow (unregulated) (acre-feet)	Percent of Average (%)	January 14, Midnight Elevation (feet)	Reservoir Storage (acre-feet)
Fontenelle	36,000	113	6483.31	185,000
Flaming Gorge	38,000	109	6025.89	3,193,000
Blue Mesa	27,000	105	7493.33	607,000
Navajo	22,000	88	6063.78	1,397,000
Powell	294,000	81	3598.75	11,631,000

Expected Operations

The operation of Lake Powell and Lake Mead in this January 2015 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines) and reflects the 2015 Annual Operating Plan (AOP). Pursuant to the Interim Guidelines, the August 2014 24-Month Study projections of the January 1, 2015, system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2015.

Consistent with Section 6.B of the Interim Guidelines, the Lake Powell operational tier for water year 2015 is the Upper Elevation Balancing Tier, with an initial water year release volume of 8.23 maf, and the potential for an April adjustment to equalization or balancing releases for the remainder of the water year. If the April 2015 24-Month Study projects Lake Powell's September 30, 2015, elevation to be greater than 3,649 feet, the Equalization Tier would govern Lake Powell's operations for the remainder of water year 2015. Based on analysis of a range of forecasted inflow scenarios, the current probability of realizing an inflow volume that would trigger equalization in 2015 is approximately 5 percent. If the April 2015 24-Month Study projects Lake Powell's September 30, 2015, elevation to be equal to or greater than 3,575 feet and equal to or less than than 3,649 feet, and Lake Mead's elevation to be less than 1,075 feet, Lake Powell's annual release volume would be increased to balance the contents of Lake Mead and Lake Powell up to 9.0 maf. Based on analysis of a range of forecasted inflow scenarios, the current probability of realizing an inflow volume that would trigger balancing releases of up to

9.0 maf in 2015 is approximately 90 percent. This January 2015 24-Month Study projects that, consistent with Section 6.B.4 of the Interim Guidelines, an April 2015 adjustment to balancing releases is likely to occur and Lake Powell is currently projected to release 9.0 maf in water year 2015.

Consistent with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar year 2015.

The Interim Guidelines are available for download at:
http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The 2015 AOP is available for download at:
http://www.usbr.gov/uc/water/rsvrs/ops/aop/AOP15.pdf.

Fontenelle Reservoir – Fontenelle Reservoir is currently at elevation 6483 feet, which amounts to 54 percent of live storage capacity. Inflows for the month of December totaled 36,000 AF, or 113 percent of average. Recent daily inflow averages have ranged from 460 cfs to 660 cfs.

The Colorado Basin River Forecast Center has forecasted winter inflows that are slightly below average. January, February, and March forecasted inflow volumes amount to 29,000 AF (96% of average), 26,000 AF (94% of average), and 43,000 AF (82% of average) respectively. It is anticipated that releases will be maintained at a baseflow of 950 cfs until Spring 2016.

The next Fontenelle Working Group meeting is scheduled for 10:00 am, April 20, 2016. The meeting will be held at the Seedskadee Wildlife Refuge in Green River, Wyoming. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir.

Flaming Gorge Reservoir – Flaming Gorge Dam is currently releasing an average daily base flow of 2,200 cfs. It is anticipated that releases will remain at 2,200 cfs through February 29, 2016. Base flow releases are subject to observed hydrology and all projections may change.

Unregulated inflow into Flaming Gorge Reservoir during the month of December was 38,000 acre-feet (AF), or 110 percent of average. The reservoir elevation is 6,026 feet and decreasing. Observed inflows are averaging 1,100 cubic feet per second (cfs).

Inflows for the next three months are projected to be at or below average: with January, February and March forecasted inflow volumes at 39,000 AF (97% of average), 38,000 AF (85% of average), and 87,000 AF (85% of average), respectively.

The next Flaming Gorge Working Group meeting is scheduled for April 21, 2016, at 11:00 a.m. to be held in the Utah Department of Natural Resources building in Vernal, Utah. The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stake holders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations and plans presented by Reclamation at these meetings. Meeting notes from past Working Group meetings are posted on the Working Group webpage. For more information on this group and these meetings please contact Peter Crookston at 801-379-1152 or Heather Patno at 801-524-3883.

Aspinall Unit Reservoirs – December unregulated inflow into Blue Mesa Reservoir was 27,000 acre-feet or 105 percent of average. Precipitation during December was observed to be about 140 percent of average. The Gunnison River basin snowpack as of January 13th was averaging about 108 percent. The current inflow rate into Blue Mesa Reservoir is about 400 cfs while reservoir releases are averaging about 1,000 cfs. The present reservoir elevation is 7493.65 feet, which corresponds to a storage content of about 610,000 acre-feet.

Releases from Crystal Dam have been kept at just about the same release rate since early December, with a set release rate of 1,100 cfs. Reservoir releases will most likely change as the current hydrologic conditions change through the snow accumulation season. River flows below the tunnel are essentially the same as releases from the Dam, with the exception of when the tunnel is taking water to refill Fairfield Reservoir for Montrose municipal water needs.

The first Water Supply Forecast for Water Year 2016 has been issued and the April through July unregulated inflow is forecasted to be at 610,000 acre-feet (90% of average). Based on this forecast, Blue Mesa Reservoir is projected to fill by the end of this 2016 runoff season.

The next meeting of the "Aspinall Unit Working Group" will be held on Thursday January 21rd in the Montrose, Colorado, starting at 1:00 PM. At this meeting, review of last summer and fall reservoir operations, and plans for this winter and next spring 2016 operations will be discussed. These meetings are open forum discussions on the Aspinall Unit reservoir operations with many interested groups participating. Anyone needing further information about these meetings should contact Erik Knight in the Grand Junction Area Office at (970) 248-0629.

Navajo Reservoir – Navajo is currently releasing 350 cfs. Releases are made for the authorized purposes of the Navajo Unit, and to attempt to maintain a target base flow through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell). The San Juan River Basin Recovery Implementation Program recommends a target base flow of between 500 cfs and 1,000 cfs through the critical habitat area. The target base flow is calculated as the weekly average of gaged flows throughout the critical habitat area.

Navajo was at 6063.8 feet of pool elevation and 1,397,022 acre-feet of storage by the end of December, which was 104% of average for the end of the month. Modified unregulated inflow into Navajo was 22,399 acre-feet, which was 89% of average for the month. Calculated evaporation for the month was 654 acre-ft. The release averaged close to 350 cfs throughout the month.

As of January 6th, the San Juan River at the USGS Archuleta gage was 266 cfs, and the observed inflow is 544 cfs. Note that at very low releases, Archuleta's shift migrates due to sediment and moss issues. The scheduled release is 350 cfs, measured using the gate curves and reservoir elevation head. The reservoir elevation is 6063.81 feet and the content is 1,397,022 acre-feet, or 82% full (71% of Active). The San Juan River at Four Corners USGS gage is at 730 cfs, and the Animas River at Farmington USGS gage is at 343 cfs. Snotel sites above Navajo are showing 11.5 inches of SWE (112% of median on this date).

The most probable modified-unregulated inflow forecast for January at Navajo is 19,000 acre-feet (87% of average), for February is 24,000 acre-feet (79% of average), and for March is 80,000 acre-feet (87% of average). The April-July modified unregulated inflow forecasts are as follows:

Min Probable: 550,000 acre-feet (75% of average)
Most Probable: 770,000 acre-feet (104% of average)
Max Probable: 1,120,000 acre-feet (152% of average)

Glen Canyon Dam / Lake Powell

Current Status
The unregulated inflow to Lake Powell in December was 266 kaf (73% of average). The release volume from Glen Canyon Dam in December was 858 kaf. The end of December elevation and storage of Lake Powell were 3,600 feet (100 feet from full pool) and 11.8 maf (49% of full capacity), respectively. The reservoir is declining and will continue to decline until spring runoff begins to enter the reservoir. The current snowpack above Lake Powell is 101% of average.

Current Operations
The operating tier for water year 2016, established in August 2015, is the Upper Elevation Balancing Tier, with an initial water year release volume of 8.23 maf and the potential for an April 2016 adjustment to equalization or balancing releases. Based on the current forecast, an April adjustment to balancing releases is projected to occur and Lake Powell is currently projected to release 9.0 maf in water year 2016. This projection will be updated each month throughout the water year.

In January 2015, the release volume will be approximately 900 thousand acre-feet (kaf), with fluctuations anticipated between approximately 11,000 cfs and 19,000 cfs and consistent with the Glen Canyon Operating Criteria (Federal Register, Volume 62, No.

41, March 3, 1997). The anticipated release volume for February is approximately 700 kaf with daily fluctuations between approximately 9,000 cfs and 15,000 cfs. The expected release for March is 650 kaf with daily fluctuations between approximately 7,000 cfs and 13,000 cfs.

In addition to daily scheduled fluctuations for power generation, the instantaneous releases from Glen Canyon Dam may also fluctuate to provide 40 MW of system regulation. These instantaneous release adjustments stabilize the electrical generation and transmission system and translate to a range of up to about 1,200 cfs above or below the hourly scheduled release rate. Under system normal conditions, fluctuations for regulation are typically short lived and generally balance out over the hour with minimal or no noticeable impacts on downstream river flow conditions.

Releases from Glen Canyon Dam can also fluctuate beyond scheduled releases when called upon to respond to unscheduled power outages or power system emergencies. Depending on the severity of the system emergency, the response from Glen Canyon Dam can be significant, within the full range of the operating capacity of the power plant for as long as is necessary to maintain balance in the transmission system. Glen Canyon Dam currently maintains 27 MW (approximately 800 cfs) of generation capacity in reserve in order to respond to a system emergency even when generation rates are already high. System emergencies occur fairly infrequently and typically require small responses from Glen Canyon Dam. However, these responses can have a noticeable impact on the river downstream of Glen Canyon Dam.

Inflow Forecasts and Model Projections

The April to July 2016 water supply forecast for unregulated inflow to Lake Powell, issued on January 5, 2016, by the Colorado Basin River Forecast Center, projects that the most probable (median) unregulated inflow volume will be 6.4 maf (89% of average based on the period 1981-2010). The projected water year 2016 inflow is 9.6 maf (89%). At this early point in the season, there is still significant uncertainty regarding this year's water supply. The April-July forecast ranges from a minimum probable of 4.1 maf (57%) to a maximum probable of 9.9 maf (138%). There is a 10% chance that inflows could be higher than the current maximum probable forecast and a 10% chance that inflows could be lower than the minimum probable forecast.

Based on the current forecast, the January 24-Month Study projects Lake Powell elevation will end water year 2016 near 3,609 feet with approximately 12.7 maf in storage (52% capacity). Note that projections of elevation and storage for water year 2016 have significant uncertainty at this point in the season. Projections of elevation and storage using the minimum and maximum probable inflow forecast, updated in January, are 3,587 feet (10.5 maf, 43% capacity) and 3,642 feet (16.3 maf, 67% capacity), respectively. Under these scenarios, there is a 10 percent chance that inflows will be higher, resulting in higher elevation and storage, and 10 percent chance that inflows will be lower, potentially in lower elevation and storage. The annual release volume from Lake Powell during water year 2016 is projected to be 9.0 maf under the minimum, most, and maximum probable inflow scenarios. There is a chance that inflows could be higher

or lower, potentially resulting in releases greater than 9.0 maf or as low as 8.23 maf in water year 2016. The minimum and maximum probable scenarios will be updated again in April.

Upper Colorado River Basin Hydrology

The Upper Colorado River Basin regularly experiences significant year to year hydrologic variability. During the 16-year period 2000 to 2015, however, the unregulated inflow to Lake Powell, which is a good measure of hydrologic conditions in the Colorado River Basin, was above average in only 3 out of the past 16 years. The period 2000-2015 is the lowest 16-year period since the closure of Glen Canyon Dam in 1963, with an average unregulated inflow of 8.51 maf, or 79% of the 30-year average (1981-2010). (For comparison, the 1981-2010 total water year average is 10.83 maf.) The unregulated inflow during the 2000-2015 period has ranged from a low of 2.64 maf (24% of average) in water year 2002 to a high of 15.97 maf (147% of average) in water year 2011. The water year 2015 unregulated inflow volume to Lake Powell was 10.17 maf (94% of average), which, though still below average, was significantly higher than inflows observed in 2012 and 2013 (45% and 47% of average, respectively). Under the current most probable forecast, the total water year 2016 unregulated inflow to Lake Powell is projected to be 9.59 maf (89% of average).

At the beginning of water year 2016, total system storage in the Colorado River Basin was 30.0 maf (50% of 59.6 maf total system capacity). This is nearly the same as the total storage at the beginning of water years 2014 and 2015 which began at 29.9 maf and 30.0 maf, respectively, both of which were 50% of capacity. Since the beginning of water year 2000, total Colorado Basin storage has experienced year to year increases and decreases in response to wet and dry hydrology, ranging from a high of 94% of capacity at the beginning of 2000 to a low of 50% of capacity at the beginning of water year 2005. One wet year can significantly increase total system reservoir storage, just as persistent dry years can draw down the system storage. Based on current inflow forecasts, the current projected end of water year total Colorado Basin reservoir storage for water year 2016 is approximately 30.0 maf (50% of total system capacity). The actual end of water year 2016 system storage may vary from this projection, primarily due to uncertainty regarding the season's snowpack and resulting runoff and reservoir inflow. Based on the January minimum and maximum probable inflow forecasts and modeling, the range of end of water year 2016 total system capacity is approximately 27.4 maf (46%) to 34.1 maf (57%), respectively.

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-430
125 SOUTH STATE STREET, ROOM 6107
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-3709

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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:	sep	oct	nov	dec	%Avg	jan	feb	mar	apr-jul	%Avg
GLDA3:Lake Powell	276	535	449	294	81%:	310/	330/	610/	6400/:	89%
GBRW4:Fontenelle	37	46	40	36	113%:	29/	26/	43/	550/:	76%
GRNU1:Flaming Gorge	39	48	38	38	109%:	39/	38/	87/	700/:	71%
BMDC2:Blue Mesa	39	33	30	27	105%:	24/	21/	34/	610/:	90%
MPSC2:Morrow Point	39	34	31	28	101%:	25/	23/	37/	665/:	90%
CLSC2:Crystal	42	37	34	32	99%:	29/	27/	43/	755/:	90%
TPIC2:Taylor Park	7.7	7.1	5.4	4.8	102%:	4.5/	3.8/	4/	89/:	90%
VCRC2:Vallecito	10.7	16.8	10.7	7.1	112%:	6/	4.5/	9/	210/:	108%
NVRN5:Navajo	15.4	40	35	22	88%:	19/	24/	80/	770/:	105%
LEMC2:Lemon	1.60	3.1	1.78	1.15	104%:	0.8/	0.7/	1.3/	55/:	100%
MPHC2:McPhee	6.8	6.0	4.5	3.8	86%:	3.5/	3.5/	17/	340/:	115%
RBSC2:Ridgway	6.5	6.2	5.7	4.6	102%:	4/	3.6/	5.7/	108/:	107%

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

January 2016 24-Month Study

Most Probable Inflow*

Fontenelle Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jan 2015	46	1	77	0	77	6490.98	234
H	Feb 2015	46	1	69	1	69	6487.37	210
I	Mar 2015	70	1	78	0	78	6486.00	201
S	Apr 2015	87	1	102	0	103	6483.35	185
T	May 2015	223	2	104	4	108	6499.95	298
O	Jun 2015	332	3	101	229	330	6499.84	297
R	Jul 2015	126	3	91	17	108	6501.77	312
I	Aug 2015	53	2	83	1	84	6497.37	279
C	Sep 2015	37	2	0	61	61	6493.88	254
	WY 2015	**1210**	**16**	**930**	**324**	**1254**		
A	Oct 2015	46	1	46	15	61	6491.60	238
L	Nov 2015	40	1	56	1	57	6489.03	221
*	Dec 2015	36	1	58	0	58	6485.40	197
	Jan 2016	29	1	58	0	58	6480.29	168
	Feb 2016	26	1	55	0	55	6474.50	139
	Mar 2016	43	0	58	0	58	6470.99	123
	Apr 2016	65	1	60	0	60	6472.10	128
	May 2016	115	1	74	0	74	6480.26	168
	Jun 2016	250	2	99	0	99	6502.40	317
	Jul 2016	120	3	92	0	92	6505.57	342
	Aug 2016	56	2	74	0	74	6503.03	322
	Sep 2016	36	2	65	0	65	6498.93	291
	WY 2016	**862**	**15**	**795**	**16**	**811**		
	Oct 2016	42	1	68	0	68	6495.19	264
	Nov 2016	39	1	65	0	65	6491.30	237
	Dec 2016	32	1	68	0	68	6485.72	200
	Jan 2017	30	1	68	0	68	6479.19	162
	Feb 2017	28	0	61	0	61	6472.17	129
	Mar 2017	53	0	68	0	68	6468.55	113
	Apr 2017	85	1	71	0	71	6471.71	127
	May 2017	164	1	99	5	105	6483.10	184
	Jun 2017	299	2	103	66	170	6501.69	312
	Jul 2017	178	3	100	42	141	6505.93	345
	Aug 2017	77	2	100	5	105	6502.09	315
	Sep 2017	46	2	71	0	71	6498.47	287
	WY 2017	**1072**	**15**	**942**	**118**	**1060**		
	Oct 2017	49	1	74	0	74	6494.83	261
	Nov 2017	42	1	76	0	76	6489.66	226
	Dec 2017	32	1	79	0	79	6482.20	179

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3001

Processed On: 1/15/2016 10:27:17AM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

January 2016 24-Month Study

Most Probable Inflow*

Flaming Gorge Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	Jan 2015	67	98	2	124	0	124	130	6026.99	3234	171
H	Feb 2015	63	86	2	113	0	113	129	6026.25	3207	168
I	Mar 2015	77	85	3	124	0	124	127	6025.15	3166	219
S	Apr 2015	112	127	5	73	0	73	129	6026.41	3213	252
T	May 2015	333	218	8	169	57	226	129	6026.01	3198	652
O	Jun 2015	434	432	11	100	0	100	141	6034.01	3506	485
R	Jul 2015	157	140	14	104	0	104	142	6034.55	3528	195
I	Aug 2015	56	87	13	104	0	104	141	6033.81	3498	130
C	Sep 2015	39	62	11	100	1	101	139	6032.59	3450	127
	WY 2015	**1562**	**1606**	**82**	**1293**	**58**	**1352**				**2856**
A	Oct 2015	48	63	7	131	0	131	136	6030.73	3377	162
L	Nov 2015	38	55	4	131	0	131	133	6028.73	3300	176
*	Dec 2015	38	61	2	137	0	137	130	6026.75	3225	175
	Jan 2016	39	68	2	135	0	135	127	6024.98	3159	152
	Feb 2016	38	67	2	94	0	94	126	6024.20	3131	111
	Mar 2016	87	102	3	49	0	49	128	6025.50	3179	114
	Apr 2016	110	105	5	48	0	48	130	6026.84	3229	223
	May 2016	165	124	8	110	0	110	130	6026.99	3234	560
	Jun 2016	285	134	10	152	0	152	129	6026.27	3207	592
	Jul 2016	140	112	13	81	0	81	130	6026.72	3224	146
	Aug 2016	65	83	12	81	0	81	129	6026.43	3213	98
	Sep 2016	43	72	11	79	0	79	129	6025.99	3197	90
	WY 2016	**1097**	**1045**	**79**	**1229**	**0**	**1230**				**2600**
	Oct 2016	50	76	7	81	0	81	128	6025.67	3185	105
	Nov 2016	47	74	3	79	0	79	128	6025.45	3177	106
	Dec 2016	35	71	2	81	0	81	127	6025.12	3165	107
	Jan 2017	40	78	2	81	0	81	127	6024.98	3159	107
	Feb 2017	45	78	2	74	0	74	127	6025.04	3162	101
	Mar 2017	102	117	3	81	0	81	129	6025.89	3193	158
	Apr 2017	134	119	5	79	0	79	130	6026.81	3228	294
	May 2017	245	186	8	140	0	140	131	6027.77	3264	672
	Jun 2017	390	260	10	192	0	192	134	6029.22	3319	612
	Jul 2017	210	174	14	111	0	111	135	6030.47	3367	211
	Aug 2017	89	117	13	111	0	111	135	6030.30	3360	136
	Sep 2017	55	81	11	107	0	107	134	6029.35	3324	126
	WY 2017	**1442**	**1430**	**80**	**1218**	**0**	**1218**				**2735**
	Oct 2017	59	84	7	111	0	111	132	6028.50	3292	143
	Nov 2017	51	85	3	107	0	107	131	6027.86	3267	139
	Dec 2017	35	81	2	111	0	111	130	6027.07	3237	136

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

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Most Probable Inflow*

Taylor Park Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jan 2015	6	6	9315.48	79
H	Feb 2015	4	5	9314.94	78
I	Mar 2015	7	6	9315.31	79
S	Apr 2015	9	6	9317.32	82
T	May 2015	19	10	9321.95	91
O	Jun 2015	62	50	9328.14	102
R	Jul 2015	21	28	9324.75	96
I	Aug 2015	9	22	9317.56	83
C	Sep 2015	7	18	9311.10	72
	WY 2015	**166**	**171**		
A	Oct 2015	7	8	9310.71	71
L	Nov 2015	5	6	9310.40	71
*	Dec 2015	5	6	9309.95	70
	Jan 2016	5	6	9309.00	68
	Feb 2016	4	6	9307.58	66
	Mar 2016	4	6	9306.26	64
	Apr 2016	7	6	9306.92	65
	May 2016	26	10	9316.73	81
	Jun 2016	40	20	9327.46	101
	Jul 2016	16	18	9326.44	99
	Aug 2016	9	18	9321.72	90
	Sep 2016	6	14	9317.30	82
	WY 2016	**134**	**123**		
	Oct 2016	6	12	9313.71	76
	Nov 2016	5	6	9312.98	75
	Dec 2016	5	6	9312.18	73
	Jan 2017	4	6	9311.17	72
	Feb 2017	4	6	9309.79	70
	Mar 2017	4	6	9308.80	68
	Apr 2017	9	6	9310.55	71
	May 2017	28	18	9316.69	81
	Jun 2017	42	22	9327.28	101
	Jul 2017	20	21	9326.85	100
	Aug 2017	10	20	9321.77	90
	Sep 2017	7	16	9316.99	82
	WY 2017	**144**	**145**		
	Oct 2017	7	12	9313.88	76
	Nov 2017	5	6	9313.35	75
	Dec 2017	5	6	9312.55	74

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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Most Probable Inflow*

Blue Mesa Reservoir

	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jan 2015	30	30	0	58	0	58	7485.48	547
H	Feb 2015	28	29	0	29	0	29	7485.47	547
I	Mar 2015	54	53	0	26	0	26	7488.96	573
S	Apr 2015	73	70	1	45	0	45	7492.04	597
T	May 2015	136	128	1	71	0	71	7498.96	653
O	Jun 2015	368	356	1	125	62	192	7517.76	815
R	Jul 2015	131	137	2	135	10	145	7516.74	806
I	Aug 2015	59	73	1	105	0	105	7512.97	772
C	Sep 2015	39	50	1	95	0	95	7507.65	726
	WY 2015	**1042**	**1047**	**9**	**835**	**72**	**912**		
A	Oct 2015	33	34	1	87	0	87	7501.39	673
L	Nov 2015	30	31	0	45	0	45	7499.64	658
*	Dec 2015	27	28	0	62	0	62	7495.46	624
	Jan 2016	24	26	0	69	0	69	7489.93	581
	Feb 2016	21	23	0	41	0	41	7487.60	563
	Mar 2016	34	36	0	33	0	33	7487.93	565
	Apr 2016	72	71	1	45	0	45	7491.19	591
	May 2016	189	173	1	145	0	145	7494.60	618
	Jun 2016	250	230	1	47	0	47	7516.03	799
	Jul 2016	99	101	2	96	0	96	7516.40	802
	Aug 2016	52	61	1	124	0	124	7509.13	738
	Sep 2016	41	49	1	122	0	122	7500.36	664
	WY 2016	**873**	**863**	**9**	**915**	**0**	**915**		
	Oct 2016	40	46	1	53	0	53	7499.49	657
	Nov 2016	32	33	0	23	0	23	7500.69	667
	Dec 2016	26	27	0	113	0	113	7490.00	581
	Jan 2017	24	26	0	75	0	75	7483.54	532
	Feb 2017	22	25	0	46	0	46	7480.62	511
	Mar 2017	36	38	0	32	0	32	7481.32	516
	Apr 2017	77	74	1	42	0	42	7485.56	547
	May 2017	221	211	1	141	0	141	7494.41	616
	Jun 2017	261	241	1	60	0	60	7515.72	796
	Jul 2017	117	118	2	110	0	110	7516.40	802
	Aug 2017	63	73	1	122	0	122	7510.76	752
	Sep 2017	38	47	1	120	0	120	7502.03	678
	WY 2017	**958**	**959**	**9**	**936**	**0**	**936**		
	Oct 2017	38	44	1	58	0	58	7500.22	663
	Nov 2017	31	32	0	29	0	29	7500.56	666
	Dec 2017	26	27	0	111	0	111	7490.00	581

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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Most Probable Inflow*

Morrow Point Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jan 2015	30	58	1	58	60	0	60	7152.01	111
H	Feb 2015	29	29	1	30	31	0	31	7151.25	110
I	Mar 2015	56	26	3	29	28	0	28	7151.69	110
S	Apr 2015	79	45	6	50	51	0	51	7150.61	110
T	May 2015	151	71	15	86	84	0	84	7153.24	112
O	Jun 2015	388	192	20	212	188	0	211	7154.42	113
R	Jul 2015	135	145	3	148	148	0	148	7154.93	113
I	Aug 2015	60	105	0	105	106	0	106	7153.74	112
C	Sep 2015	39	95	0	95	103	0	103	7143.98	104
	WY 2015	**1095**	**912**	**53**	**965**	**926**	**0**	**972**		
A	Oct 2015	34	87	0	87	93	0	93	7135.56	98
L	Nov 2015	31	45	1	46	47	0	47	7133.97	97
*	Dec 2015	28	62	1	62	46	0	47	7154.01	112
	Jan 2016	25	69	1	70	70	0	70	7153.73	112
	Feb 2016	23	41	2	43	43	0	43	7153.73	112
	Mar 2016	37	33	3	36	36	0	36	7153.73	112
	Apr 2016	80	45	8	53	53	0	53	7153.73	112
	May 2016	210	145	21	166	166	0	166	7153.73	112
	Jun 2016	270	47	20	67	67	0	67	7153.73	112
	Jul 2016	105	96	6	102	102	0	102	7153.73	112
	Aug 2016	56	124	4	128	128	0	128	7153.73	112
	Sep 2016	44	122	3	125	125	0	125	7153.73	112
	WY 2016	**943**	**915**	**70**	**985**	**976**	**0**	**977**		
	Oct 2016	43	53	3	56	56	0	56	7153.73	112
	Nov 2016	34	23	2	25	25	0	25	7153.73	112
	Dec 2016	28	113	2	115	115	0	115	7153.73	112
	Jan 2017	27	75	2	77	77	0	77	7153.73	112
	Feb 2017	25	46	3	49	49	0	49	7153.73	112
	Mar 2017	40	32	4	36	36	0	36	7153.73	112
	Apr 2017	88	42	11	53	53	0	53	7153.73	112
	May 2017	247	141	26	167	167	0	167	7153.73	112
	Jun 2017	281	60	20	80	80	0	80	7153.73	112
	Jul 2017	123	110	6	116	116	0	116	7153.73	112
	Aug 2017	67	122	3	125	125	0	125	7153.73	112
	Sep 2017	41	120	3	123	123	0	123	7153.73	112
	WY 2017	**1043**	**936**	**85**	**1022**	**1022**	**0**	**1022**		
	Oct 2017	41	58	3	61	61	0	61	7153.73	112
	Nov 2017	33	29	2	31	31	0	31	7153.73	112
	Dec 2017	28	111	2	113	113	0	113	7153.73	112

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Managing Water in the West

January 2016 24-Month Study

Most Probable Inflow*

Crystal Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
*	Jan 2015	35	60	5	64	55	9	64	6746.05	15	1	65
H	Feb 2015	34	31	4	35	11	22	33	6751.96	17	0	34
I	Mar 2015	63	28	6	35	35	0	35	6752.00	17	1	34
S	Apr 2015	85	51	7	58	58	0	58	6751.65	17	37	21
T	May 2015	164	84	13	97	90	6	96	6752.09	17	62	36
O	Jun 2015	429	211	41	253	110	78	252	6755.80	18	55	209
R	Jul 2015	143	148	9	156	114	44	158	6751.21	16	65	96
I	Aug 2015	63	106	4	110	110	0	111	6749.17	16	65	47
C	Sep 2015	42	103	3	106	96	11	107	6744.61	15	57	50
	WY 2015	**1201**	**972**	**106**	**1078**	**843**	**171**	**1078**			**393**	**709**
A	Oct 2015	37	93	3	96	0	94	94	6750.81	16	51	44
L	Nov 2015	34	47	3	50	0	50	50	6750.12	16	0	51
*	Dec 2015	32	47	4	51	40	12	52	6747.07	15	1	53
	Jan 2016	29	70	4	74	72	0	72	6753.04	17	0	72
	Feb 2016	27	43	4	47	47	0	47	6753.04	17	0	47
	Mar 2016	43	36	6	42	42	0	42	6753.04	17	5	37
	Apr 2016	93	53	13	66	66	0	66	6753.04	17	30	36
	May 2016	245	166	35	201	134	67	201	6753.04	17	55	146
	Jun 2016	300	67	30	97	97	0	97	6753.04	17	60	37
	Jul 2016	117	102	12	114	114	0	114	6753.04	17	65	49
	Aug 2016	62	128	6	134	134	0	134	6753.04	17	65	69
	Sep 2016	49	125	5	130	130	0	130	6753.04	17	55	75
	WY 2016	**1067**	**977**	**125**	**1102**	**877**	**223**	**1100**			**387**	**717**
	Oct 2016	48	56	5	61	61	0	61	6753.04	17	30	31
	Nov 2016	39	25	4	30	30	0	30	6753.04	17	0	30
	Dec 2016	32	115	5	119	119	0	119	6753.04	17	0	119
	Jan 2017	31	77	5	82	82	0	82	6753.04	17	0	82
	Feb 2017	29	49	4	52	52	0	52	6753.04	17	0	52
	Mar 2017	46	36	6	42	42	0	42	6753.04	17	5	37
	Apr 2017	101	53	12	66	66	0	66	6753.04	17	30	36
	May 2017	281	167	34	201	134	67	201	6753.04	17	55	146
	Jun 2017	315	80	34	113	113	0	113	6753.04	17	60	53
	Jul 2017	138	116	14	131	131	0	131	6753.04	17	65	66
	Aug 2017	75	125	8	134	134	0	134	6753.04	17	65	69
	Sep 2017	47	123	6	129	129	0	129	6753.04	17	55	74
	WY 2017	**1182**	**1022**	**139**	**1160**	**1093**	**67**	**1160**			**365**	**795**
	Oct 2017	47	61	6	67	67	0	67	6753.04	17	30	37
	Nov 2017	38	31	5	36	36	0	36	6753.04	17	0	36
	Dec 2017	32	113	5	118	118	0	118	6753.04	17	0	118

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Most Probable Inflow*

Vallecito Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jan 2015	6	5	7654.18	97
H	Feb 2015	7	4	7655.19	100
I	Mar 2015	13	12	7655.67	101
S	Apr 2015	19	11	7658.49	108
T	May 2015	43	31	7662.94	120
O	Jun 2015	106	103	7664.05	123
R	Jul 2015	37	42	7661.73	117
I	Aug 2015	13	35	7652.83	94
C	Sep 2015	11	29	7645.08	75
	WY 2015	**294**	**285**		
A	Oct 2015	17	15	7645.65	77
L	Nov 2015	11	5	7648.25	83
*	Dec 2015	7	4	7649.57	86
	Jan 2016	6	2	7651.19	90
	Feb 2016	5	1	7652.40	93
	Mar 2016	9	2	7655.31	100
	Apr 2016	26	3	7664.11	123
	May 2016	78	77	7664.11	123
	Jun 2016	78	77	7664.11	123
	Jul 2016	28	42	7658.58	108
	Aug 2016	19	38	7650.94	89
	Sep 2016	16	29	7645.17	76
	WY 2016	**299**	**295**		
	Oct 2016	15	16	7644.33	74
	Nov 2016	9	1	7647.35	81
	Dec 2016	6	2	7649.35	85
	Jan 2017	5	2	7650.92	89
	Feb 2017	5	1	7652.26	92
	Mar 2017	9	2	7655.02	99
	Apr 2017	23	1	7663.29	121
	May 2017	71	69	7664.10	123
	Jun 2017	70	70	7664.10	123
	Jul 2017	29	42	7659.06	110
	Aug 2017	20	38	7651.74	91
	Sep 2017	17	30	7646.48	79
	WY 2017	**280**	**273**		
	Oct 2017	16	17	7645.72	77
	Nov 2017	9	1	7648.79	84
	Dec 2017	6	2	7650.77	89

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January 2016 24-Month Study

Most Probable Inflow*

Navajo Reservoir

	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azetea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Farmington Flow (1000 Ac-Ft)
*	Jan 2015	23	0	21	1	0	21	6037.90	1090	40
H	Feb 2015	28	1	25	1	0	19	6038.43	1096	41
I	Mar 2015	86	7	79	1	3	20	6043.43	1150	56
S	Apr 2015	80	8	63	2	20	21	6045.22	1170	38
T	May 2015	178	24	144	3	23	21	6053.44	1267	93
O	Jun 2015	285	38	241	4	20	22	6068.60	1461	254
R	Jul 2015	76	9	71	5	39	27	6068.68	1462	90
I	Aug 2015	15	1	36	4	33	42	6065.47	1419	70
C	Sep 2015	15	0	33	3	25	33	6063.41	1392	66
	WY 2015	**900**	**90**	**797**	**27**	**170**	**289**			**903**
A	Oct 2015	40	1	38	2	9	27	6063.43	1392	
L	Nov 2015	35	1	28	1	0	19	6064.00	1400	
*	Dec 2015	22	0	19	1	0	19	6063.81	1397	
	Jan 2016	19	0	15	1	0	23	6063.15	1388	35
	Feb 2016	24	0	21	1	0	23	6062.91	1385	33
	Mar 2016	80	2	70	2	5	25	6065.85	1424	43
	Apr 2016	192	17	152	3	20	33	6072.80	1520	93
	May 2016	295	44	250	4	34	213	6072.81	1520	368
	Jun 2016	230	38	191	5	49	204	6068.06	1454	364
	Jul 2016	53	8	59	5	53	34	6065.69	1422	99
	Aug 2016	35	2	52	4	44	33	6063.50	1393	70
	Sep 2016	36	1	48	3	24	27	6063.06	1387	56
	WY 2016	**1062**	**114**	**945**	**29**	**238**	**680**			**1161**
	Oct 2016	42	2	42	2	9	25	6063.54	1393	51
	Nov 2016	32	1	24	1	0	24	6063.47	1393	41
	Dec 2016	25	0	20	1	0	25	6063.08	1388	40
	Jan 2017	22	0	18	1	0	25	6062.53	1380	38
	Feb 2017	30	0	27	1	0	22	6062.82	1384	35
	Mar 2017	92	2	83	2	5	28	6066.45	1432	51
	Apr 2017	170	16	133	3	20	37	6071.77	1505	90
	May 2017	277	41	233	4	34	207	6070.93	1493	354
	Jun 2017	224	34	189	4	49	212	6065.33	1417	364
	Jul 2017	66	7	72	5	53	29	6064.16	1402	97
	Aug 2017	45	2	62	4	45	25	6063.27	1390	63
	Sep 2017	43	1	55	3	25	30	6063.05	1387	62
	WY 2017	**1068**	**105**	**957**	**29**	**238**	**690**			**1286**
	Oct 2017	47	2	47	2	9	26	6063.79	1397	54
	Nov 2017	34	1	25	1	0	24	6063.84	1397	42
	Dec 2017	25	0	20	1	0	25	6063.45	1392	40

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Most Probable Inflow*

Lake Powell

	Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry Gage (1000 Ac-Ft)
*	Jan 2015	348	449	8	862	0	862	3593.57	4945	11147	878
H	Feb 2015	424	464	8	589	0	589	3592.23	4936	11024	595
I	Mar 2015	552	543	14	649	0	649	3591.02	4927	10913	656
S	Apr 2015	639	539	21	600	0	600	3590.18	4921	10837	610
T	May 2015	1613	1431	25	699	0	699	3597.27	4973	11491	708
O	Jun 2015	3389	2570	44	800	0	800	3613.54	5101	13090	801
R	Jul 2015	1072	1002	55	1048	0	1048	3612.62	5093	12996	1076
I	Aug 2015	313	466	54	799	0	799	3609.07	5065	12637	814
C	Sep 2015	276	435	49	714	0	714	3606.01	5040	12333	726
	WY 2015	**10174**	**9419**	**368**	**8868**	**132**	**9000**				**9136**
A	Oct 2015	535	680	34	600	0	600	3606.44	5044	12375	609
L	Nov 2015	421	506	32	577	0	577	3605.47	5036	12280	583
*	Dec 2015	266	393	26	857	0	857	3600.80	5000	11827	863
	Jan 2016	310	454	8	900	0	900	3596.36	4966	11406	909
	Feb 2016	330	405	8	700	0	700	3593.35	4944	11126	705
	Mar 2016	610	524	14	650	0	650	3591.93	4933	10996	656
	Apr 2016	950	739	22	666	0	666	3592.46	4937	11044	675
	May 2016	2050	1947	27	700	0	700	3604.39	5028	12174	708
	Jun 2016	2500	2224	45	800	0	800	3617.03	5130	13451	809
	Jul 2016	900	880	56	950	0	950	3615.91	5120	13334	965
	Aug 2016	380	512	55	900	0	900	3611.92	5088	12925	917
	Sep 2016	340	473	50	700	0	700	3609.38	5067	12668	713
	WY 2016	**9593**	**9738**	**376**	**9000**	**0**	**9000**				**9113**
	Oct 2016	455	493	34	600	0	600	3608.07	5057	12537	609
	Nov 2016	447	462	33	600	0	600	3606.48	5044	12379	606
	Dec 2016	363	496	26	800	0	800	3603.36	5020	12073	806
	Jan 2017	361	456	8	800	0	800	3599.97	4993	11747	809
	Feb 2017	393	438	8	650	0	650	3597.81	4977	11543	655
	Mar 2017	665	584	14	650	0	650	3597.02	4971	11468	656
	Apr 2017	1056	868	23	600	0	600	3599.43	4989	11696	610
	May 2017	2343	2164	28	650	0	650	3613.36	5099	13071	658
	Jun 2017	2666	2338	48	800	0	800	3626.38	5210	14451	809
	Jul 2017	1091	1008	60	1000	0	1000	3625.94	5206	14403	1015
	Aug 2017	500	606	59	1050	0	1050	3621.64	5169	13938	1067
	Sep 2017	408	554	53	800	0	800	3619.03	5147	13661	813
	WY 2017	**10747**	**10466**	**394**	**9000**	**0**	**9000**				**9113**
	Oct 2017	512	574	37	600	0	600	3618.48	5142	13603	609
	Nov 2017	473	518	35	600	0	600	3617.44	5133	13494	606
	Dec 2017	363	524	28	800	0	800	3614.73	5111	13213	806

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

January 2016 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Glen Release (1000 Ac-Ft)	Side Inflow Glen to Hoover (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Jan 2015	862	73	31	832	13.5	6	832	697	1088.51	10729
H	Feb 2015	589	90	28	600	10.8	8	599	700	1088.98	10769
I	Mar 2015	649	57	31	1034	16.8	14	1033	677	1084.87	10419
S	Apr 2015	600	26	38	1087	18.3	20	1086	646	1079.03	9931
T	May 2015	699	25	43	871	14.2	25	862	632	1076.57	9729
O	Jun 2015	800	16	52	868	14.6	25	868	624	1075.08	9607
R	Jul 2015	1048	80	65	767	12.5	28	766	641	1078.15	9858
I	Aug 2015	799	114	70	803	13.1	27	802	642	1078.31	9871
C	Sep 2015	714	73	58	723	12.1	25	722	641	1078.10	9854
	WY 2015	**9000**	**722**	**540**	**9246**		**221**	**9216**			
A	Oct 2015	600	118	42	578	9.4	20	577	645	1078.99	9927
L	Nov 2015	577	41	42	631	10.6	12	630	641	1078.23	9865
*	Dec 2015	857	42	36	619	10.1	8	618	656	1080.91	10087
	Jan 2016	900	72	30	671	10.9	8	671	672	1083.86	10333
	Feb 2016	700	77	28	677	11.8	7	677	676	1084.58	10394
	Mar 2016	650	61	31	986	16.0	15	986	656	1081.00	10094
	Apr 2016	666	76	38	1121	18.8	21	1121	629	1076.00	9682
	May 2016	700	49	43	1011	16.4	30	1011	609	1072.12	9368
	Jun 2016	800	23	51	900	15.1	28	900	599	1070.28	9222
	Jul 2016	950	67	64	860	14.0	28	860	603	1071.06	9284
	Aug 2016	900	127	68	762	12.4	25	762	614	1073.08	9445
	Sep 2016	700	114	56	748	12.6	19	748	613	1072.96	9436
	WY 2016	**9000**	**867**	**529**	**9563**		**219**	**9560**			
	Oct 2016	600	61	41	533	8.7	22	533	617	1073.72	9497
	Nov 2016	600	50	41	571	9.6	13	571	619	1074.01	9521
	Dec 2016	800	96	36	512	8.3	8	512	640	1077.93	9840
	Jan 2017	800	72	30	712	11.6	8	712	647	1079.32	9955
	Feb 2017	650	77	27	733	13.2	7	733	645	1078.86	9917
	Mar 2017	650	61	30	1020	16.6	15	1020	623	1074.80	9585
	Apr 2017	600	76	37	1097	18.4	21	1097	594	1069.18	9134
	May 2017	650	49	42	1001	16.3	30	1001	571	1064.71	8784
	Jun 2017	800	23	49	888	14.9	30	888	562	1062.95	8648
	Jul 2017	1000	67	62	849	13.8	31	849	570	1064.47	8766
	Aug 2017	1050	127	66	762	12.4	29	762	589	1068.31	9066
	Sep 2017	800	114	55	729	12.3	16	729	596	1069.64	9171
	WY 2017	**9000**	**874**	**517**	**9408**		**231**	**9408**			
	Oct 2017	600	61	41	481	7.8	21	481	603	1071.05	9283
	Nov 2017	600	50	41	621	10.4	11	621	602	1070.78	9262
	Dec 2017	800	96	35	561	9.1	8	561	620	1074.20	9536

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

January 2016 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Jan 2015	832	-22	10	660	0	660	10.7	642.98	1698
H	Feb 2015	600	-8	10	625	0	625	11.3	641.43	1656
I	Mar 2015	1034	-21	13	963	0	963	15.7	642.78	1693
S	Apr 2015	1087	-18	17	1022	0	1022	17.2	643.88	1723
T	May 2015	871	-10	22	854	0	854	13.9	643.30	1707
O	Jun 2015	868	-19	26	810	0	810	13.6	643.81	1721
R	Jul 2015	767	-14	25	762	0	762	12.4	642.57	1687
I	Aug 2015	803	-16	23	775	0	775	12.6	642.12	1675
C	Sep 2015	723	-16	18	758	0	758	12.7	639.56	1606
	WY 2015	**9246**	**-142**	**198**	**8945**	**0**	**8945**			
A	Oct 2015	578	-7	15	655	0	655	10.7	635.80	1507
L	Nov 2015	631	-14	10	599	0	599	10.1	636.11	1514
*	Dec 2015	619	-13	9	527	0	527	8.6	638.77	1585
	Jan 2016	671	-13	10	575	0	575	9.4	641.50	1658
	Feb 2016	677	-13	10	641	0	641	11.1	642.00	1671
	Mar 2016	986	-15	13	929	0	929	15.1	643.05	1700
	Apr 2016	1121	-19	17	1087	0	1087	18.3	643.00	1699
	May 2016	1011	-15	22	974	0	974	15.8	643.00	1699
	Jun 2016	900	-17	25	885	0	885	14.9	642.00	1671
	Jul 2016	860	-13	25	834	0	834	13.6	641.50	1658
	Aug 2016	762	-10	23	729	0	729	11.9	641.50	1658
	Sep 2016	748	-6	18	764	0	764	12.8	640.01	1617
	WY 2016	**9563**	**-156**	**197**	**9198**	**0**	**9198**			
	Oct 2016	533	1	15	703	0	703	11.4	633.00	1434
	Nov 2016	571	-11	10	499	0	499	8.4	635.00	1486
	Dec 2016	512	-12	9	393	0	393	6.4	638.71	1583
	Jan 2017	712	-13	10	606	0	606	9.9	641.80	1666
	Feb 2017	733	-13	10	710	0	710	12.8	641.80	1666
	Mar 2017	1020	-15	13	957	0	957	15.6	643.05	1700
	Apr 2017	1097	-19	17	1063	0	1063	17.9	643.00	1699
	May 2017	1001	-15	22	964	0	964	15.7	643.00	1699
	Jun 2017	888	-17	25	873	0	873	14.7	642.00	1671
	Jul 2017	849	-13	25	824	0	824	13.4	641.50	1658
	Aug 2017	762	-10	23	729	0	729	11.9	641.50	1658
	Sep 2017	729	-6	18	746	0	746	12.5	640.01	1617
	WY 2017	**9408**	**-143**	**197**	**9067**	**0**	**9067**			
	Oct 2017	481	1	15	651	0	651	10.6	633.00	1434
	Nov 2017	621	-11	10	548	0	548	9.2	635.00	1486
	Dec 2017	561	-12	9	442	0	442	7.2	638.71	1583

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

January 2016 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	Jan 2015	660	17	6	348	5.7	105	180	448.22	584	146	2.4
H	Feb 2015	625	9	8	473	8.5	54	109	447.38	568	172	3.1
I	Mar 2015	963	3	9	707	11.5	86	146	447.89	578	219	3.6
S	Apr 2015	1022	13	11	752	12.6	104	154	448.09	582	210	3.5
T	May 2015	854	21	13	559	9.1	108	177	448.50	590	113	1.8
O	Jun 2015	810	19	16	615	10.3	104	77	448.89	597	109	1.8
R	Jul 2015	762	18	17	592	9.6	107	70	447.99	580	107	1.7
I	Aug 2015	775	16	17	580	9.4	107	70	448.30	586	93	1.5
C	Sep 2015	758	19	15	487	8.2	104	168	448.04	581	90	1.5
	WY 2015	**8945**	**178**	**140**	**6135**		**1195**	**1566**			**1510**	
A	Oct 2015	655	34	12	458	7.5	101	115	447.88	578	59	1.0
L	Nov 2015	599	11	9	385	6.5	98	120	447.57	572	93	1.6
*	Dec 2015	527	15	7	321	5.2	101	130	446.92	560	105	1.7
	Jan 2016	575	18	6	348	5.7	99	143	446.50	552	154	2.5
	Feb 2016	641	11	8	488	8.5	20	118	447.00	561	180	3.1
	Mar 2016	929	15	9	722	11.7	100	111	446.70	555	206	3.4
	Apr 2016	1087	23	11	780	13.1	96	175	448.70	593	192	3.2
	May 2016	974	17	13	686	11.2	99	180	448.70	593	97	1.6
	Jun 2016	885	15	16	696	11.7	96	78	448.70	593	98	1.6
	Jul 2016	834	29	17	677	11.0	99	70	448.00	580	99	1.6
	Aug 2016	729	27	17	566	9.2	99	70	447.50	571	99	1.6
	Sep 2016	764	23	15	523	8.8	96	143	447.50	570	89	1.5
	WY 2016	**9198**	**239**	**140**	**6650**		**1103**	**1454**			**1470**	
	Oct 2016	703	25	12	475	7.7	99	135	447.50	571	68	1.1
	Nov 2016	499	27	9	381	6.4	21	110	447.50	571	103	1.7
	Dec 2016	393	21	7	284	4.6	24	115	446.50	552	115	1.9
	Jan 2017	606	18	6	379	6.2	80	154	446.50	552	154	2.5
	Feb 2017	710	11	8	492	8.9	71	143	446.50	552	180	3.2
	Mar 2017	957	15	9	722	11.7	80	150	446.70	555	206	3.4
	Apr 2017	1063	23	11	768	12.9	77	182	448.70	593	192	3.2
	May 2017	964	17	13	687	11.2	80	189	448.70	593	97	1.6
	Jun 2017	873	15	16	694	11.7	77	86	448.70	593	98	1.6
	Jul 2017	824	29	17	666	10.8	80	90	448.00	580	99	1.6
	Aug 2017	729	27	17	564	9.2	80	91	447.50	571	99	1.6
	Sep 2017	746	23	15	513	8.6	77	153	447.50	570	89	1.5
	WY 2017	**9067**	**252**	**139**	**6625**		**845**	**1597**			**1500**	
	Oct 2017	651	25	12	469	7.6	80	108	447.50	571	68	1.1
	Nov 2017	548	27	9	375	6.3	77	108	447.50	571	103	1.7
	Dec 2017	442	21	7	283	4.6	80	108	446.50	552	115	1.9

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

January 2016 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Jan 2015	832	13.5	1088.51	10729	62	441.51	1018.0	333.5	63	400.6
H	Feb 2015	600	10.8	1088.98	10769	40	444.73	848.0	239.1	52	398.4
I	Mar 2015	1034	16.8	1084.87	10419	-350	440.21	952.0	412.2	60	398.7
S	Apr 2015	1087	18.3	1079.03	9931	-488	430.55	1217.0	427.4	76	393.2
T	May 2015	871	14.2	1076.57	9729	-202	432.58	1165.0	337.2	74	387.2
O	Jun 2015	868	14.6	1075.08	9607	-121	427.78	1573.0	332.0	100	382.4
R	Jul 2015	767	12.5	1078.15	9858	251	432.42	1455.0	292.7	94	381.4
I	Aug 2015	803	13.1	1078.31	9871	13	434.75	1451.0	307.8	93	383.4
C	Sep 2015	723	12.1	1078.10	9854	-17	435.36	1563.0	275.2	100	380.7
	WY 2015	**9246**							**3596.9**		
A	Oct 2015	578	9.4	1078.99	9927	73	435.13	1088.0	221.8	70	383.6
L	Nov 2015	631	10.6	1078.23	9865	-63	433.49	1088.0	244.8	70	387.9
*	Dec 2015	619	10.1	1080.91	10087	222	434.77	1069.0	241.9	68	390.9
	Jan 2016	671	10.9	1083.86	10333	247	436.23	775.0	267.0	49	397.9
	Feb 2016	677	11.8	1084.58	10394	61	435.66	992.0	268.2	61	396.1
	Mar 2016	986	16.0	1081.00	10094	-301	433.75	975.0	393.5	61	399.2
	Apr 2016	1121	18.8	1076.00	9682	-412	426.72	1309.0	439.6	84	392.0
	May 2016	1011	16.4	1072.12	9368	-314	420.64	1537.0	379.2	100	375.2
	Jun 2016	900	15.1	1070.28	9222	-146	418.13	1524.0	338.2	100	375.7
	Jul 2016	860	14.0	1071.06	9284	62	418.10	1526.0	326.9	100	380.3
	Aug 2016	762	12.4	1073.08	9445	161	419.64	1535.0	287.1	100	376.9
	Sep 2016	748	12.6	1072.96	9436	-9	421.07	1536.0	283.3	100	378.7
	WY 2016	**9563**							**3691.4**		
	Oct 2016	533	8.7	1073.72	9497	61	424.92	1338.0	198.3	87	372.0
	Nov 2016	571	9.6	1074.01	9521	24	427.61	1353.0	216.7	88	379.3
	Dec 2016	512	8.3	1077.93	9840	320	431.09	896.0	200.3	57	391.2
	Jan 2017	712	11.6	1079.32	9955	115	430.91	989.0	278.0	63	390.6
	Feb 2017	733	13.2	1078.86	9917	-38	431.09	885.0	292.8	56	399.6
	Mar 2017	1020	16.6	1074.80	9585	-332	428.40	875.0	407.5	56	399.7
	Apr 2017	1097	18.4	1069.18	9134	-450	419.26	1419.0	418.4	93	381.3
	May 2017	1001	16.3	1064.71	8784	-350	414.27	1395.0	370.6	93	370.1
	Jun 2017	888	14.9	1062.95	8648	-136	410.83	1465.7	327.1	100	368.3
	Jul 2017	849	13.8	1064.47	8766	117	411.20	1474.3	317.0	100	373.4
	Aug 2017	762	12.4	1068.31	9066	300	414.02	1496.1	283.2	100	371.8
	Sep 2017	729	12.3	1069.64	9171	106	417.06	1503.7	272.9	100	374.1
	WY 2017	**9408**							**3582.7**		
	Oct 2017	481	7.8	1071.05	9283	112	421.95	1309.9	181.6	87	377.4
	Nov 2017	621	10.4	1070.78	9262	-21	424.68	1325.0	236.3	88	380.7
	Dec 2017	561	9.1	1074.20	9536	274	427.62	877.9	214.5	57	382.4

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

January 2016 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Jan 2015	660	10.7	642.98	1698	141	141.44	163.2	82.8	64	125.4
H	Feb 2015	625	11.3	641.43	1656	-42	140.07	188.7	79.9	74	127.8
I	Mar 2015	963	15.7	642.78	1693	37	139.75	229.5	123.2	90	128.0
S	Apr 2015	1022	17.2	643.88	1723	30	141.00	255.0	129.5	100	126.8
T	May 2015	854	13.9	643.30	1707	-16	141.92	252.5	110.0	99	128.8
O	Jun 2015	810	13.6	643.81	1721	14	144.85	255.0	104.6	100	129.1
R	Jul 2015	762	12.4	642.57	1687	-34	140.97	255.0	98.4	100	129.1
I	Aug 2015	775	12.6	642.12	1675	-12	142.40	255.0	99.2	100	127.9
C	Sep 2015	758	12.7	639.56	1606	-69	137.76	255.0	95.5	100	126.0
	WY 2015	**8945**							**1122.4**		
A	Oct 2015	655	10.7	635.80	1507	-99	136.05	211.7	81.6	83	124.5
L	Nov 2015	599	10.1	636.11	1514	8	136.53	165.8	72.5	65	121.0
*	Dec 2015	527	8.6	638.77	1585	70	135.98	155.6	65.1	61	123.6
	Jan 2016	575	9.4	641.50	1658	73	136.02	158.1	71.7	62	124.6
	Feb 2016	641	11.1	642.00	1671	14	137.21	170.9	80.4	67	125.4
	Mar 2016	929	15.1	643.05	1700	29	136.81	209.1	115.9	82	124.8
	Apr 2016	1087	18.3	643.00	1699	-2	136.40	242.3	135.2	95	124.3
	May 2016	974	15.8	643.00	1699	0	136.04	255.0	121.7	100	125.0
	Jun 2016	885	14.9	642.00	1671	-27	135.51	255.0	110.5	100	124.9
	Jul 2016	834	13.6	641.50	1658	-14	134.73	255.0	104.0	100	124.6
	Aug 2016	729	11.9	641.50	1658	0	134.46	255.0	91.1	100	125.0
	Sep 2016	764	12.8	640.01	1617	-40	133.68	255.0	94.7	100	124.0
	WY 2016	**9198**							**1144.3**		
	Oct 2016	703	11.4	633.00	1434	-183	129.77	234.6	84.8	92	120.6
	Nov 2016	499	8.4	635.00	1486	51	128.06	204.0	59.6	80	119.5
	Dec 2016	393	6.4	638.71	1583	97	130.45	224.4	48.3	88	122.9
	Jan 2017	606	9.9	641.80	1666	83	135.03	191.3	75.5	75	124.6
	Feb 2017	710	12.8	641.80	1666	0	137.09	176.0	88.7	69	124.9
	Mar 2017	957	15.6	643.05	1700	34	135.44	255.0	119.3	100	124.6
	Apr 2017	1063	17.9	643.00	1699	-2	136.07	255.0	132.3	100	124.4
	May 2017	964	15.7	643.00	1699	0	136.04	255.0	120.6	100	125.1
	Jun 2017	873	14.7	642.00	1671	-27	135.51	255.0	109.0	100	124.9
	Jul 2017	824	13.4	641.50	1658	-14	134.73	255.0	102.7	100	124.7
	Aug 2017	729	11.9	641.50	1658	0	134.46	255.0	91.1	100	125.0
	Sep 2017	746	12.5	640.01	1617	-40	133.68	255.0	92.5	100	124.1
	WY 2017	**9067**							**1124.4**		
	Oct 2017	651	10.6	633.00	1434	-183	129.77	234.6	78.7	92	120.9
	Nov 2017	548	9.2	635.00	1486	51	128.06	204.0	65.3	80	119.2
	Dec 2017	442	7.2	638.71	1583	97	130.45	224.4	54.2	88	122.5

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

January 2016 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Jan 2015	348	5.7	448.22	584	35	82.97	93.6	24.3	78	69.7
H	Feb 2015	473	8.5	447.38	568	-16	81.70	94.8	33.2	79	70.2
I	Mar 2015	707	11.5	447.89	578	10	79.76	108.0	49.6	90	70.2
S	Apr 2015	752	12.6	448.09	582	4	80.20	120.0	52.5	100	69.8
T	May 2015	559	9.1	448.50	590	8	81.62	112.8	39.5	94	70.7
O	Jun 2015	615	10.3	448.89	597	7	79.48	120.0	43.6	100	70.8
R	Jul 2015	592	9.6	447.99	580	-17	81.75	120.0	41.8	100	70.7
I	Aug 2015	580	9.4	448.30	586	6	82.40	120.0	40.9	100	70.4
C	Sep 2015	487	8.2	448.04	581	-5	82.23	120.0	34.6	100	71.1
	WY 2015	**6135**							**430.7**		
A	Oct 2015	458	7.5	447.88	578	-3	81.97	91.2	32.3	76	70.6
L	Nov 2015	385	6.5	447.57	572	-6	83.21	96.0	27.1	80	70.3
*	Dec 2015	321	5.2	446.92	560	-12	82.51	120.0	21.9	100	68.4
	Jan 2016	348	5.7	446.50	552	-8	75.22	96.0	22.3	80	64.1
	Feb 2016	488	8.5	447.00	561	9	75.38	93.6	32.0	78	65.6
	Mar 2016	722	11.7	446.70	555	-6	74.26	120.0	47.0	100	65.2
	Apr 2016	780	13.1	448.70	593	38	75.08	120.0	51.5	100	66.0
	May 2016	686	11.2	448.70	593	0	76.05	120.0	45.6	100	66.4
	Jun 2016	696	11.7	448.70	593	0	76.05	120.0	46.3	100	66.5
	Jul 2016	677	11.0	448.00	580	-13	75.71	120.0	44.8	100	66.1
	Aug 2016	566	9.2	447.50	571	-9	75.13	120.0	37.0	100	65.3
	Sep 2016	523	8.8	447.50	570	0	74.89	120.0	34.0	100	65.0
	WY 2016	**6650**							**441.8**		
	Oct 2016	475	7.7	447.50	571	0	75.74	100.8	31.1	84	65.5
	Nov 2016	381	6.4	447.50	571	0	75.92	97.2	24.7	81	65.0
	Dec 2016	284	4.6	446.50	552	-19	74.40	120.0	17.7	100	62.6
	Jan 2017	379	6.2	446.50	552	0	75.13	93.6	24.4	78	64.4
	Feb 2017	492	8.9	446.50	552	0	74.71	102.0	32.0	85	65.1
	Mar 2017	722	11.7	446.70	555	4	74.01	120.0	46.9	100	65.0
	Apr 2017	768	12.9	448.70	593	38	75.08	120.0	50.6	100	66.0
	May 2017	687	11.2	448.70	593	0	76.05	120.0	45.6	100	66.4
	Jun 2017	694	11.7	448.70	593	0	76.05	120.0	46.2	100	66.5
	Jul 2017	666	10.8	448.00	580	-13	75.71	120.0	44.0	100	66.1
	Aug 2017	564	9.2	447.50	571	-9	75.13	120.0	36.8	100	65.3
	Sep 2017	513	8.6	447.50	570	0	74.89	120.0	33.4	100	65.0
	WY 2017	**6625**							**433.7**		
	Oct 2017	469	7.6	447.50	571	0	75.74	100.8	30.7	84	65.4
	Nov 2017	375	6.3	447.50	571	0	75.92	97.2	24.4	81	65.0
	Dec 2017	283	4.6	446.50	552	-19	74.40	120.0	17.7	100	62.6

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

January 2016 24-Month Study

Most Probable Inflow*

Upper Basin Power

	Date	Glen Canyon 1000 MWHR	Flaming Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Reservoir 1000 MWHR	Fontenelle Reservoir 1000 MWHR
*	Jan 2015	373	48	16	20	10	6
H	Feb 2015	254	44	8	10	2	5
I	Mar 2015	278	48	7	9	5	6
	Winter 2015	**1827**	**250**	**72**	**83**	**46**	**37**
S	Apr 2015	256	28	13	17	11	7
T	May 2015	299	65	21	30	18	8
O	Jun 2015	348	40	38	67	21	9
R	Jul 2015	471	42	41	53	22	8
I	Aug 2015	357	42	32	38	21	7
C	Sep 2015	317	40	28	37	18	0
	Summer 2015	**2049**	**256**	**173**	**241**	**111**	**39**
A	Oct 2015	264	52	26	32	0	4
L	Nov 2015	256	52	13	15	0	4
*	Dec 2015	378	53	18	16	7	4
	Jan 2016	353	49	20	25	12	5
	Feb 2016	272	34	12	15	8	4
	Mar 2016	252	18	10	13	7	4
	Winter 2016	**1776**	**259**	**98**	**116**	**35**	**25**
	Apr 2016	258	17	13	19	11	4
	May 2016	275	40	43	60	23	5
	Jun 2016	322	55	14	24	17	8
	Jul 2016	387	30	30	37	20	9
	Aug 2016	365	30	39	46	23	7
	Sep 2016	282	29	37	45	22	6
	Summer 2016	**1888**	**201**	**177**	**231**	**117**	**40**
	Oct 2016	241	30	16	20	11	6
	Nov 2016	240	29	7	9	5	6
	Dec 2016	318	30	34	41	21	6
	Jan 2017	316	30	22	28	14	5
	Feb 2017	255	27	13	17	9	4
	Mar 2017	254	30	9	13	7	4
	Winter 2017	**1624**	**174**	**101**	**129**	**67**	**31**
	Apr 2017	235	29	12	19	11	5
	May 2017	259	51	42	60	23	7
	Jun 2017	329	70	18	29	20	9
	Jul 2017	416	41	35	42	23	10
	Aug 2017	435	41	38	45	23	10
	Sep 2017	329	39	37	44	22	7
	Summer 2017	**2002**	**271**	**182**	**239**	**122**	**46**
	Oct 2017	246	41	18	22	12	7
	Nov 2017	245	39	9	11	6	6
	Dec 2017	326	40	33	41	20	6

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

January 2016 24-Month Study

Most Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions

Date	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Total KAF	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****EFFECTIVE SPACE****										
Jan 2016	670	205	299	12495	13670	17290	30960	670	205	299	1174	12495	17290	30960	5350	671	0	29.4
Jan 2016	670	205	299	12495	13670	17290	30960	194	205	204	603	12495	17290	30389	5350	671	0	29.4
Feb 2016	766	249	308	12916	14238	17044	31282	290	249	212	751	12916	17044	30710	1500	677	0	29.2
Mar 2016	824	267	311	13196	14597	16983	31580	346	267	214	828	13196	16983	31006	1500	986	0	28.8
Apr 2016	792	264	272	13326	14653	17283	31937	309	264	169	742	13326	17283	31350	1500	1121	0	28.7
May 2016	737	239	176	13278	14430	17695	32124	247	239	50	536	13278	17695	31508	1500	1011	0	29.6
Jun 2016	691	212	176	12148	13227	18009	31236	192	206	13	411	12148	18009	30567	1500	900	0	31.0
Jul 2016	569	30	242	10871	11713	18155	29867	59	3	25	87	10871	18155	29112	1500	860	0	30.9
								****CREDITABLE SPACE****										
Aug 2016	528	27	274	10988	11816	18093	29909	528	27	274	829	10988	18093	29909	1500	762	0	30.5
Sep 2016	558	91	303	11397	12350	17932	30282	558	91	303	953	11397	17932	30282	2270	748	0	30.0
Oct 2016	606	165	309	11654	12734	17941	30675	606	165	309	1080	11654	17941	30675	3040	533	0	29.7
Nov 2016	645	172	303	11785	12905	17880	30785	645	172	303	1120	11785	17880	30785	3810	571	0	29.6
Dec 2016	680	162	303	11943	13089	17856	30946	680	162	303	1146	11943	17856	30946	4580	512	0	29.6
Jan 2017	729	248	308	12249	13534	17537	31071	729	248	308	1286	12249	17537	31071	5350	712	0	29.4
								****EFFECTIVE SPACE****										
Jan 2017	729	248	308	12249	13534	17537	31071	407	248	193	848	12249	17537	30634	5350	712	0	29.4
Feb 2017	772	297	316	12575	13960	17422	31382	448	297	200	945	12575	17422	30942	1500	733	0	29.1
Mar 2017	804	319	312	12779	14214	17460	31674	477	319	195	991	12779	17460	31230	1500	1020	0	28.8
Apr 2017	788	314	264	12854	14219	17792	32011	456	314	140	910	12854	17792	31556	1500	1097	0	28.7
May 2017	740	282	191	12626	13839	18243	32082	402	282	45	729	12626	18243	31598	1500	1001	0	29.9
Jun 2017	646	213	203	11251	12313	18593	30906	297	208	19	525	11251	18593	30368	1500	888	0	31.4
Jul 2017	463	33	279	9871	10646	18729	29375	99	7	42	149	9871	18729	28748	1500	849	0	31.6
								****CREDITABLE SPACE****										
Aug 2017	382	27	294	9919	10622	18611	29234	382	27	294	703	9919	18611	29234	1500	762	0	31.3
Sep 2017	419	77	306	10384	11186	18311	29498	419	77	306	802	10384	18311	29498	2270	729	0	30.9
Oct 2017	482	151	309	10661	11604	18206	29810	482	151	309	943	10661	18206	29810	3040	481	0	30.7
Nov 2017	541	166	299	10719	11726	18094	29820	541	166	299	1007	10719	18094	29820	3810	621	0	30.6
Dec 2017	600	164	299	10828	11890	18115	30006	600	164	299	1063	10828	18115	30006	4580	561	0	30.5

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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February 24-Month Study
Date: February 12, 2016

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

Reservoir	January Inflow (unregulated) (acre-feet)	Percent of Average (%)	February 11, Midnight Elevation (feet)	Reservoir Storage (acre-feet)
Fontenelle	32,000	106	6478.81	160,000
Flaming Gorge	44,000	110	6024.43	3,139,000
Blue Mesa	27,000	111	7489.60	578,000
Navajo	21,000	96	6063.64	1,395,000
Powell	300,000	83	3595.56	11,331,000

Expected Operations

The operation of Lake Powell and Lake Mead in this February 2016 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines), and reflects the draft 2016 Annual Operating Plan (AOP). Pursuant to the Interim Guidelines, the August 2015 24-Month Study projections of the January 1, 2016, system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2016.

Consistent with Section 6.B of the Interim Guidelines, Lake Powell's operations in water year 2016 will be governed by the Upper Elevation Balancing Tier, with an initial water year release volume of 8.23 maf and the potential for an April adjustment to equalization or balancing releases in April 2016. This February 2016 24-Month Study indicates that, consistent with Section 6.B.4 of the Interim Guidelines, an April adjustment to balancing releases is projected to occur and Lake Powell is projected to release 9.0 maf in water year 2016.

Consistent with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar year 2016.

The 2016 operating determinations for Lake Powell and Lake Mead will be documented in the 2016 AOP, which is currently in the final stages of development.

The Interim Guidelines are available for download at:
http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The draft 2016 AOP is available for download at:
http://www.usbr.gov/lc/region/g4000/AOP2016/AOP16_draft.pdf.

Fontenelle Reservoir – Fontenelle Reservoir is currently at elevation 6479 feet, which amounts to 47 percent of live storage capacity. Inflows for the month of January totaled 32,000 AF, or 106 percent of average. Recent daily inflow averages have ranged from 450 cfs to 510 cfs.

The Colorado Basin River Forecast Center has forecasted winter inflows that are slightly below average. February, March and April forecasted inflow volumes amount to 26,000 AF (94% of average), 43,000 AF (82% of average), and 65,000 AF (76% of average), respectively. It is anticipated that releases will be maintained at a baseflow of 950 cfs until Spring 2016.

The next Fontenelle Working Group meeting is scheduled for 10:00 am, April 20, 2016. The meeting will be held at the Seedskadee Wildlife Refuge in Green River, Wyoming. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir.

Flaming Gorge Reservoir – Flaming Gorge Dam is currently releasing an average daily release of 2,200 cfs. The February forecast for unregulated inflow into Flaming Gorge for the April-July period is continuing to decrease and is currently at 70% of average. Dry conditions are forecasted this spring. Beginning February 15, 2016, Flaming Gorge Dam will decrease from 2,200 cfs to minimum releases of 800 cfs.

It is anticipated that releases will remain at 800 cfs until the beginning of spring runoff sometime in May or June. Base flow releases are subject to observed hydrology and all projections may change.

Unregulated inflow into Flaming Gorge Reservoir during the month of December was 44,000 acre-feet (AF), or 108 percent of average. The reservoir elevation is 6,024 feet and decreasing.

Inflows for the next three months are projected to be at or below average: with February, March forecasted inflow volumes at 40,000 AF (90% of average), 90,000 AF (88% of average), and 110,000 AF (82% of average), respectively.

The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stakeholders of Flaming Gorge Dam. The public is

encouraged to attend and comment on the operations and plans presented by Reclamation at these meetings. Meeting notes from past Working Group meetings are posted on the Working Group webpage. For more information on this group and these meetings please contact Dale Hamilton at 801-379-1186 or Heather Patno at 801-524-3883.

Reclamation will be holding two Flaming Gorge Working Group meetings this year. The first meeting will be held on March 22, 2016, at 6:00 p.m. in Green River, Utah at the Green River High School.

Reclamation will be holding the second Flaming Gorge Working Group meeting on Tuesday, April 19, 2016, at 11:00 a.m. at the Utah Division of Wildlife Resources offices located at 318 North Vernal Avenue, Vernal, Utah. . Base flow releases are subject to observed hydrology and all projections may change.

Aspinall Unit Reservoirs – January unregulated inflow into Blue Mesa Reservoir was 27,000 acre-feet or 111 percent of average. On February 10th the basin snowpack was averaging 113 percent, which has increased slightly by 2 percent from a month ago. Precipitation during January was about 110 percent of average, while December's precipitation was recorded at 140 percent of average. The current inflow rate into Blue Mesa Reservoir is about 500 cfs while reservoir releases are averaging about 1,000 cfs. Reservoir inflows this past fall and early winter months are about average to slightly below average. Blue Mesa Reservoir current elevation is 7489.60 feet, which corresponds to a storage content of about 578,000 acre-feet. This elevation is about 5.0 feet higher than the elevation was from a year ago.

The February Water Supply Forecast for Water Year 2016 has been issued and the April through July unregulated inflow is forecasted to be at 640,000 acre-feet (95% of average). Based on this forecast, Blue Mesa Reservoir is projected to fill by the end of this 2016 runoff season.

Releases from Crystal Dam have been remained steady as favorable hydrologic conditions have prevailed through the early winter months. The current release is set at 1,100 cfs. Reservoir releases will most likely change as the current hydrologic conditions change through the snow accumulation season. River flows below the tunnel are essentially the same as releases from the Dam, with the exception of when the tunnel is taking water to refill Fairfield Reservoir for Montrose municipal water needs.

The last meeting of the "Aspinall Unit Working Group" was held on January 21, 2016 in Montrose, Colorado. At this meeting, review of last summer and fall reservoir operations, and plans for this winter and next spring 2016 operations were discussed. These meetings are open forum discussions on the Aspinall Unit reservoir operations with many interested groups participating. For more information about these meetings please contact Erik Knight in the Grand Junction Area Office at (970) 248-0629.

Navajo Reservoir – Navajo is currently releasing 550 cfs. Releases are made for the authorized purposes of the Navajo Unit, and to attempt to maintain a target base flow

through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell). The San Juan River Basin Recovery Implementation Program recommends a target base flow of between 500 cfs and 1,000 cfs through the critical habitat area. The target base flow is calculated as the weekly average of gaged flows throughout the critical habitat area.

Navajo was at 6063.8 feet of pool elevation and 1,396,496 acre-feet of storage by the end of January, which was 107% of average for the end of the month. Modified unregulated inflow into Navajo was 22,126 acre-feet, which was 101% of average for the month. Calculated evaporation for the month was 653 acre-ft. NIIP diverted a total of 0 acre-ft. The release averaged close to 350 cfs throughout the month. Precipitation at the dam totaled 1.97 inches (198% of average).

As of February 7th, the release at Navajo was 550 cfs, (USGS at Archuleta gage is showing 479 cfs) and the observed inflow is 287 cfs. NIIP is diverting 0 cfs. The reservoir elevation is 6063.73 feet and the content is 1,395,971 acre-feet, or 82% full (71% of Active). The San Juan River at Four Corners USGS gage is at 728 cfs, and the Animas River at Farmington USGS gage is at 405 cfs. Snotel sites above Navajo are showing 15.5 inches of SWE (114% of median on this date).

The most probable modified-unregulated inflow forecast for February at Navajo is 25,000 acre-feet (83% of average), for March is 85,000 acre-feet (92% of average), and for April is 171,000 acre-feet (100% of average). The April-July modified unregulated inflow forecasts are as follows:

Min Probable: 500,000 acre-feet (68% of average, a decrease of 30,000 acre-feet from the last forecast). Under this forecast, a Type 3 (3-week) spring peak release is expected using the end of water year storage target alternate of 6050 ft.

Most Probable: 735,000 acre-feet (100% of average, an increase of 10,000 acre-feet from the last forecast). Under this forecast a Type 4 (3-week plus long ramps) spring peak release is expected using the end of water year storage target of 6063 ft.

Max Probable: 1,080,000 acre-feet (147% of average, an increase of 60,000 acre-feet from the last forecast). Under this forecast, a Type 4 spring peak release plus a 5,000 cfs nose up to April 1st, and a 1,000 cfs nose back to March 1st is expected using the end of water year storage target of 6063 ft.

Glen Canyon Dam / Lake Powell

Current Status

The unregulated inflow to Lake Powell in January was 300 kaf (83% of average). The release volume from Glen Canyon Dam in January was 857 kaf. The end of January elevation and storage of Lake Powell were 3,597 feet (103 feet from full pool) and 11.4 maf (47% of full capacity), respectively. The reservoir is declining and will continue to

decline until spring runoff begins to enter the reservoir. The current snowpack above Lake Powell is 107% of average.

Current Operations

The operating tier for water year 2016, established in August 2015, is the Upper Elevation Balancing Tier, with an initial water year release volume of 8.23 maf and the potential for an April 2016 adjustment to equalization or balancing releases. Based on the current forecast, an April adjustment to balancing releases is projected to occur and Lake Powell is currently projected to release 9.0 maf in water year 2016. This projection will be updated each month throughout the water year.

In February 2016, the release volume will be approximately 700 thousand acre-feet (kaf), with fluctuations anticipated between approximately 9,000 cfs and 15,000 cfs and consistent with the Glen Canyon Operating Criteria (Federal Register, Volume 62, No. 41, March 3, 1997). The anticipated release volume for March is approximately 700 kaf with daily fluctuations between approximately 8,000 cfs and 14,000 cfs. The expected release for April is 658 kaf with daily fluctuations between approximately 8,000 cfs and 14,000 cfs.

In addition to daily scheduled fluctuations for power generation, the instantaneous releases from Glen Canyon Dam may also fluctuate to provide 40 MW of system regulation. These instantaneous release adjustments stabilize the electrical generation and transmission system and translate to a range of up to about 1,200 cfs above or below the hourly scheduled release rate. Under system normal conditions, fluctuations for regulation are typically short lived and generally balance out over the hour with minimal or no noticeable impacts on downstream river flow conditions.

Releases from Glen Canyon Dam can also fluctuate beyond scheduled releases when called upon to respond to unscheduled power outages or power system emergencies. Depending on the severity of the system emergency, the response from Glen Canyon Dam can be significant, within the full range of the operating capacity of the power plant for as long as is necessary to maintain balance in the transmission system. Glen Canyon Dam currently maintains 27 MW (approximately 800 cfs) of generation capacity in reserve in order to respond to a system emergency even when generation rates are already high. System emergencies occur fairly infrequently and typically require small responses from Glen Canyon Dam. However, these responses can have a noticeable impact on the river downstream of Glen Canyon Dam.

Inflow Forecasts and Model Projections

The April to July 2016 water supply forecast for unregulated inflow to Lake Powell, issued on February 2, 2016, by the Colorado Basin River Forecast Center, projects that the most probable (median) unregulated inflow volume will be 6.7 maf (94% of average based on the period 1981-2010). The projected water year 2016 inflow is 9.9 maf (92%). At this early point in the season, there is still significant uncertainty regarding this year's water supply. The April-July forecast ranges from a minimum probable of 5.0 maf (70%) to a maximum probable of 10.3 maf (144%). There is a 10% chance that inflows could

be higher than the current maximum probable forecast and a 10% chance that inflows could be lower than the minimum probable forecast.

Based on the current forecast, the February 24-Month Study projects Lake Powell elevation will end water year 2016 near 3,613 feet with approximately 13.0 maf in storage (53% capacity). Note that projections of elevation and storage for water year 2016 have significant uncertainty at this point in the season. Projections of elevation and storage using the minimum and maximum probable inflow forecast, updated in January, are 3,587 feet (10.5 maf, 43% capacity) and 3,642 feet (16.3 maf, 67% capacity), respectively. Under these scenarios, there is a 10 percent chance that inflows will be higher, resulting in higher elevation and storage, and 10 percent chance that inflows will be lower, potentially in lower elevation and storage. The annual release volume from Lake Powell during water year 2016 is projected to be 9.0 maf under the minimum, most, and maximum probable inflow scenarios. There is a chance that inflows could be higher or lower, potentially resulting in releases greater than 9.0 maf or as low as 8.23 maf in water year 2016. The minimum and maximum probable scenarios will be updated again in April.

Upper Colorado River Basin Hydrology

The Upper Colorado River Basin regularly experiences significant year to year hydrologic variability. During the 16-year period 2000 to 2015, however, the unregulated inflow to Lake Powell, which is a good measure of hydrologic conditions in the Colorado River Basin, was above average in only 3 out of the past 16 years. The period 2000-2015 is the lowest 16-year period since the closure of Glen Canyon Dam in 1963, with an average unregulated inflow of 8.51 maf, or 79% of the 30-year average (1981-2010). (For comparison, the 1981-2010 total water year average is 10.83 maf.) The unregulated inflow during the 2000-2015 period has ranged from a low of 2.64 maf (24% of average) in water year 2002 to a high of 15.97 maf (147% of average) in water year 2011. The water year 2015 unregulated inflow volume to Lake Powell was 10.17 maf (94% of average), which, though still below average, was significantly higher than inflows observed in 2012 and 2013 (45% and 47% of average, respectively). Under the current most probable forecast, the total water year 2016 unregulated inflow to Lake Powell is projected to be 9.92 maf (92% of average).

At the beginning of water year 2016, total system storage in the Colorado River Basin was 30.0 maf (50% of 59.6 maf total system capacity). This is nearly the same as the total storage at the beginning of water years 2014 and 2015 which began at 29.9 maf and 30.0 maf, respectively, both of which were 50% of capacity. Since the beginning of water year 2000, total Colorado Basin storage has experienced year to year increases and decreases in response to wet and dry hydrology, ranging from a high of 94% of capacity at the beginning of 2000 to a low of 50% of capacity at the beginning of water year 2005. One wet year can significantly increase total system reservoir storage, just as persistent dry years can draw down the system storage. Based on current inflow forecasts, the current projected end of water year total Colorado Basin reservoir storage for water year 2016 is approximately 30.3 maf (51% of total system capacity). The actual end of water year 2016 system storage may vary from this projection, primarily due to uncertainty

regarding the season's snowpack and resulting runoff and reservoir inflow. Based on the January minimum and maximum probable inflow forecasts and modeling, the range of end of water year 2016 total system capacity is approximately 27.4 maf (46%) to 34.1 maf (57%), respectively. The minimum and maximum probable scenarios will be updated again in April.

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-430
125 SOUTH STATE STREET, ROOM 6107
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-3709

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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:	Obs			jan		Forecast		Outlook		
:	oct	nov	dec	jan	%Avg	feb	mar	apr	apr-jul	%Avg
GLDA3:Lake Powell	535	421	266	300	83%:	350/	610/	1000/	6700/:	94%
GBRW4:Fontenelle	46	40	36	32	106%:	26/	43/	65/	515/:	71%
GRNU1:Flaming Gorge	48	38	38	44	110%:	40/	90/	110/	685/:	70%
BMDC2:Blue Mesa	33	30	27	27	111%:	22/	34/	75/	640/:	95%
MPSC2:Morrow Point	34	31	28	27	102%:	23/	37/	85/	700/:	95%
CLSC2:Crystal	37	34	32	31	99%:	27/	43/	96/	785/:	94%
TPIC2:Taylor Park	7.1	5.2	5.1	5.6	131%:	4/	4/	8/	94/:	95%
VCRC2:Vallecito	16.8	10.7	6.9	6.5	121%:	5/	9/	23/	205/:	106%
NVRN5:Navajo	40	35	22	21	96%:	25/	85/	171/	735/:	100%
LEMC2:Lemon	3.1	1.78	1.15	0.97	111%:	0.7/	1.3/	6/	55/:	100%
MPHC2:McPhee	6.0	4.5	3.9	4.6	101%:	3.5/	17/	85/	365/:	124%
RBSC2:Ridgway	6.2	5.7	4.6	4.1	103%:	3.5/	5.7/	12/	112/:	111%

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 2016 24-Month Study

Most Probable Inflow*

Fontenelle Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Feb 2015	46	1	69	1	69	6487.37	210
H	Mar 2015	70	1	78	0	78	6486.00	201
I	Apr 2015	87	1	102	0	103	6483.35	185
S	May 2015	223	2	104	4	108	6499.95	298
T	Jun 2015	332	3	101	229	330	6499.84	297
O	Jul 2015	126	3	91	17	108	6501.77	312
R	Aug 2015	53	2	83	1	84	6497.37	279
I	Sep 2015	37	2	0	61	61	6493.88	254
	WY 2015	**1210**	**16**	**930**	**324**	**1254**		
C	Oct 2015	46	1	46	15	61	6491.60	238
A	Nov 2015	40	1	56	1	57	6489.03	221
L	Dec 2015	36	1	58	0	58	6485.40	197
*	Jan 2016	32	1	49	10	58	6480.71	170
	Feb 2016	26	1	55	0	55	6475.01	142
	Mar 2016	43	0	58	0	58	6471.55	126
	Apr 2016	65	1	60	0	60	6472.64	131
	May 2016	100	1	74	0	74	6477.87	156
	Jun 2016	230	2	89	0	89	6499.39	294
	Jul 2016	120	3	92	0	92	6502.68	319
	Aug 2016	56	2	82	0	82	6498.96	291
	Sep 2016	36	2	65	0	65	6494.70	260
	WY 2016	**830**	**15**	**783**	**26**	**810**		
	Oct 2016	42	1	61	0	61	6491.69	239
	Nov 2016	39	1	60	0	60	6488.46	218
	Dec 2016	32	1	61	0	61	6483.72	188
	Jan 2017	30	1	61	0	61	6478.00	156
	Feb 2017	28	0	56	0	56	6472.05	128
	Mar 2017	53	0	61	0	61	6469.90	119
	Apr 2017	85	1	71	0	71	6472.96	132
	May 2017	164	1	99	24	123	6480.86	172
	Jun 2017	299	2	103	64	167	6500.41	302
	Jul 2017	178	3	101	35	135	6505.49	342
	Aug 2017	77	2	100	5	105	6501.62	311
	Sep 2017	46	2	74	0	74	6497.66	282
	WY 2017	**1072**	**15**	**908**	**127**	**1036**		
	Oct 2017	49	1	68	0	68	6494.86	261
	Nov 2017	42	1	65	0	65	6491.40	237
	Dec 2017	32	1	68	0	68	6485.82	201
	Jan 2018	30	1	68	0	68	6479.32	163

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3004

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 2016 24-Month Study

Most Probable Inflow*

Flaming Gorge Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	Feb 2015	63	86	2	113	0	113	129	6026.25	3207	168
H	Mar 2015	77	85	3	124	0	124	127	6025.15	3166	219
I	Apr 2015	112	127	5	73	0	73	129	6026.41	3213	252
S	May 2015	333	218	8	169	57	226	129	6026.01	3198	652
T	Jun 2015	434	432	11	100	0	100	141	6034.01	3506	485
O	Jul 2015	157	140	14	104	0	104	142	6034.55	3528	195
R	Aug 2015	56	87	13	104	0	104	141	6033.81	3498	130
I	Sep 2015	39	62	11	100	1	101	139	6032.59	3450	127
	WY 2015	**1562**	**1606**	**82**	**1293**	**58**	**1352**				**2856**
C	Oct 2015	48	63	7	131	0	131	136	6030.73	3377	162
A	Nov 2015	38	55	4	131	0	131	133	6028.73	3300	176
L	Dec 2015	38	61	2	137	0	137	130	6026.75	3225	175
*	Jan 2016	44	71	2	134	0	134	127	6025.07	3163	211
	Feb 2016	40	69	2	116	0	116	125	6023.77	3115	137
	Mar 2016	90	105	3	58	0	58	127	6024.93	3158	133
	Apr 2016	110	105	5	48	0	48	129	6026.28	3208	268
	May 2016	165	139	8	95	0	95	130	6027.19	3242	575
	Jun 2016	270	129	10	163	0	163	129	6026.06	3199	593
	Jul 2016	140	112	13	78	0	78	130	6026.59	3219	148
	Aug 2016	65	91	12	78	0	78	130	6026.59	3220	98
	Sep 2016	43	72	11	76	0	76	129	6026.21	3205	89
	WY 2016	**1092**	**1071**	**79**	**1246**	**0**	**1246**				**2766**
	Oct 2016	50	70	7	78	0	78	128	6025.82	3191	104
	Nov 2016	47	68	3	76	0	76	128	6025.52	3180	104
	Dec 2016	35	64	2	78	0	78	127	6025.11	3164	104
	Jan 2017	40	72	2	78	0	78	127	6024.89	3156	103
	Feb 2017	45	72	2	71	0	71	127	6024.88	3156	99
	Mar 2017	102	111	3	78	0	78	128	6025.65	3184	155
	Apr 2017	134	119	5	76	0	76	130	6026.65	3222	291
	May 2017	245	204	8	125	0	125	132	6028.47	3290	657
	Jun 2017	390	257	10	202	0	202	134	6029.58	3333	623
	Jul 2017	210	168	14	108	0	108	136	6030.74	3378	208
	Aug 2017	89	117	13	108	0	108	136	6030.65	3374	133
	Sep 2017	55	83	11	104	0	104	134	6029.84	3343	123
	WY 2017	**1442**	**1406**	**80**	**1183**	**0**	**1183**				**2703**
	Oct 2017	59	78	7	108	0	108	133	6028.92	3307	140
	Nov 2017	51	74	3	104	0	104	132	6028.08	3276	136
	Dec 2017	35	71	2	108	0	108	130	6027.09	3238	133
	Jan 2018	40	78	2	108	0	108	129	6026.28	3208	133

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3004

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 2016 24-Month Study

Most Probable Inflow*

Taylor Park Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Feb 2015	4	5	9314.94	78
H	Mar 2015	7	6	9315.31	79
I	Apr 2015	9	6	9317.32	82
S	May 2015	19	10	9321.95	91
T	Jun 2015	62	50	9328.14	102
O	Jul 2015	21	28	9324.75	96
R	Aug 2015	9	22	9317.56	83
I	Sep 2015	7	18	9311.10	72
	WY 2015	**166**	**171**		
C	Oct 2015	7	8	9310.71	71
A	Nov 2015	5	6	9310.40	71
L	Dec 2015	5	6	9309.95	70
*	Jan 2016	6	6	9309.87	70
	Feb 2016	4	6	9308.60	68
	Mar 2016	4	6	9307.30	66
	Apr 2016	8	6	9308.60	68
	May 2016	27	14	9316.49	81
	Jun 2016	42	22	9327.24	101
	Jul 2016	17	20	9325.71	98
	Aug 2016	9	20	9319.86	87
	Sep 2016	7	16	9314.74	78
	WY 2016	**141**	**135**		
	Oct 2016	6	12	9311.39	72
	Nov 2016	5	6	9310.78	71
	Dec 2016	5	6	9309.96	70
	Jan 2017	4	6	9308.91	68
	Feb 2017	4	6	9307.49	66
	Mar 2017	4	6	9306.46	64
	Apr 2017	9	6	9308.27	67
	May 2017	28	14	9316.93	81
	Jun 2017	42	22	9327.49	101
	Jul 2017	20	22	9326.55	99
	Aug 2017	10	20	9321.46	90
	Sep 2017	7	16	9316.66	81
	WY 2017	**145**	**142**		
	Oct 2017	7	12	9313.53	76
	Nov 2017	5	6	9313.00	75
	Dec 2017	5	6	9312.19	73
	Jan 2018	4	6	9311.18	72

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3004

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 2016 24-Month Study

Most Probable Inflow*

Blue Mesa Reservoir

	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Feb 2015	28	29	0	29	0	29	7485.47	547
H	Mar 2015	54	53	0	26	0	26	7488.96	573
I	Apr 2015	73	70	1	45	0	45	7492.04	597
S	May 2015	136	128	1	71	0	71	7498.96	653
T	Jun 2015	368	356	1	125	62	192	7517.76	815
O	Jul 2015	131	137	2	135	10	145	7516.74	806
R	Aug 2015	59	73	1	105	0	105	7512.97	772
I	Sep 2015	39	50	1	95	0	95	7507.65	726
	WY 2015	**1042**	**1047**	**9**	**835**	**72**	**912**		
C	Oct 2015	33	34	1	87	0	87	7501.39	673
A	Nov 2015	30	31	0	45	0	45	7499.64	658
L	Dec 2015	27	28	0	62	0	62	7495.46	624
*	Jan 2016	27	27	0	61	0	61	7491.12	590
	Feb 2016	22	24	0	62	0	62	7486.17	552
	Mar 2016	34	36	0	33	0	33	7486.50	554
	Apr 2016	75	73	1	45	0	45	7490.05	582
	May 2016	205	192	1	116	0	116	7499.43	657
	Jun 2016	265	245	1	74	0	74	7519.01	826
	Jul 2016	95	98	2	120	0	120	7516.40	803
	Aug 2016	51	62	1	124	0	124	7509.25	739
	Sep 2016	38	47	1	122	0	122	7500.24	663
	WY 2016	**903**	**897**	**9**	**950**	**0**	**950**		
	Oct 2016	38	44	1	53	0	53	7499.05	654
	Nov 2016	31	32	0	23	0	23	7500.13	662
	Dec 2016	26	27	0	108	0	108	7490.00	581
	Jan 2017	24	26	0	75	0	75	7483.54	532
	Feb 2017	22	25	0	46	0	46	7480.61	510
	Mar 2017	36	38	0	32	0	32	7481.32	516
	Apr 2017	77	74	1	42	0	42	7485.56	547
	May 2017	221	207	1	141	0	141	7493.90	612
	Jun 2017	261	241	1	60	0	60	7515.27	792
	Jul 2017	117	119	2	107	0	107	7516.40	802
	Aug 2017	63	73	1	122	0	122	7510.76	752
	Sep 2017	38	47	1	120	0	120	7502.03	678
	WY 2017	**955**	**952**	**9**	**929**	**0**	**929**		
	Oct 2017	38	44	1	58	0	58	7500.22	663
	Nov 2017	31	32	0	29	0	29	7500.56	666
	Dec 2017	26	27	0	111	0	111	7490.00	581
	Jan 2018	24	26	0	75	0	75	7483.54	532

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3004

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 2016 24-Month Study

Most Probable Inflow*

Morrow Point Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Feb 2015	29	29	1	30	31	0	31	7151.25	110
H	Mar 2015	56	26	3	29	28	0	28	7151.69	110
I	Apr 2015	79	45	6	50	51	0	51	7150.61	110
S	May 2015	151	71	15	86	84	0	84	7153.24	112
T	Jun 2015	388	192	20	212	188	0	211	7154.42	113
O	Jul 2015	135	145	3	148	148	0	148	7154.93	113
R	Aug 2015	60	105	0	105	106	0	106	7153.74	112
I	Sep 2015	39	95	0	95	103	0	103	7143.98	104
	WY 2015	**1095**	**912**	**53**	**965**	**926**	**0**	**972**		
C	Oct 2015	34	87	0	87	93	0	93	7135.56	98
A	Nov 2015	31	45	1	46	47	0	47	7133.97	97
L	Dec 2015	28	62	1	62	46	0	47	7154.01	112
*	Jan 2016	27	61	1	62	64	0	64	7150.69	110
	Feb 2016	23	62	1	63	61	0	61	7153.73	112
	Mar 2016	37	33	3	36	36	0	36	7153.73	112
	Apr 2016	85	45	10	55	55	0	55	7153.73	112
	May 2016	230	116	25	141	141	0	141	7153.73	112
	Jun 2016	285	74	20	94	94	0	94	7153.73	112
	Jul 2016	100	120	5	125	125	0	125	7153.73	112
	Aug 2016	55	124	4	128	128	0	128	7153.73	112
	Sep 2016	41	122	3	125	125	0	125	7153.73	112
	WY 2016	**976**	**950**	**73**	**1024**	**1015**	**0**	**1016**		
	Oct 2016	41	53	3	56	56	0	56	7153.73	112
	Nov 2016	33	23	2	25	25	0	25	7153.73	112
	Dec 2016	28	108	2	110	110	0	110	7153.73	112
	Jan 2017	27	75	2	77	77	0	77	7153.73	112
	Feb 2017	25	46	3	49	49	0	49	7153.73	112
	Mar 2017	40	32	4	36	36	0	36	7153.73	112
	Apr 2017	88	42	11	53	53	0	53	7153.73	112
	May 2017	247	141	26	167	167	0	167	7153.73	112
	Jun 2017	281	60	20	80	80	0	80	7153.73	112
	Jul 2017	123	107	6	113	113	0	113	7153.73	112
	Aug 2017	67	122	3	125	125	0	125	7153.73	112
	Sep 2017	41	120	3	123	123	0	123	7153.73	112
	WY 2017	**1041**	**929**	**85**	**1014**	**1014**	**0**	**1014**		
	Oct 2017	41	58	3	61	61	0	61	7153.73	112
	Nov 2017	33	29	2	31	31	0	31	7153.73	112
	Dec 2017	28	111	2	113	113	0	113	7153.73	112
	Jan 2018	27	75	2	77	77	0	77	7153.73	112

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 2016 24-Month Study

Most Probable Inflow*

Crystal Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
*	Feb 2015	34	31	4	35	11	22	33	6751.96	17	0	34
H	Mar 2015	63	28	6	35	35	0	35	6752.00	17	1	34
I	Apr 2015	85	51	7	58	58	0	58	6751.65	17	37	21
S	May 2015	164	84	13	97	90	6	96	6752.09	17	62	36
T	Jun 2015	429	211	41	253	110	78	252	6755.80	18	55	209
O	Jul 2015	143	148	9	156	114	44	158	6751.21	16	65	96
R	Aug 2015	63	106	4	110	110	0	111	6749.17	16	65	47
I	Sep 2015	42	103	3	106	96	11	107	6744.61	15	57	50
	WY 2015	**1201**	**972**	**106**	**1078**	**843**	**171**	**1078**			**393**	**709**
C	Oct 2015	37	93	3	96	0	94	94	6750.81	16	51	44
A	Nov 2015	34	47	3	50	0	50	50	6750.12	16	0	51
L	Dec 2015	32	47	4	51	40	12	52	6747.07	15	1	53
*	Jan 2016	31	64	4	68	67	0	68	6748.20	16	1	69
	Feb 2016	27	61	4	65	63	0	63	6753.04	17	0	63
	Mar 2016	43	36	6	42	42	0	42	6753.04	17	5	37
	Apr 2016	96	55	11	66	66	0	66	6753.04	17	30	36
	May 2016	260	141	30	171	134	37	171	6753.04	17	55	116
	Jun 2016	320	94	35	129	129	0	129	6753.04	17	60	69
	Jul 2016	109	125	9	134	134	0	134	6753.04	17	65	69
	Aug 2016	59	128	4	132	132	0	132	6753.04	17	65	67
	Sep 2016	47	125	6	131	130	1	131	6753.04	17	55	76
	WY 2016	**1094**	**1016**	**118**	**1134**	**938**	**194**	**1132**			**389**	**751**
	Oct 2016	47	56	6	62	62	0	62	6753.04	17	30	32
	Nov 2016	38	25	5	30	30	0	30	6753.04	17	0	30
	Dec 2016	32	110	5	115	115	0	115	6753.04	17	0	115
	Jan 2017	31	77	5	82	82	0	82	6753.04	17	0	82
	Feb 2017	29	49	4	52	52	0	52	6753.04	17	0	52
	Mar 2017	46	36	6	42	42	0	42	6753.04	17	5	37
	Apr 2017	101	53	12	66	66	0	66	6753.04	17	30	36
	May 2017	281	167	34	201	134	67	201	6753.04	17	55	146
	Jun 2017	315	80	34	113	113	0	113	6753.04	17	60	53
	Jul 2017	138	113	14	128	128	0	128	6753.04	17	65	63
	Aug 2017	75	125	8	134	134	0	134	6753.04	17	65	69
	Sep 2017	47	123	6	129	129	0	129	6753.04	17	55	74
	WY 2017	**1180**	**1014**	**140**	**1153**	**1086**	**67**	**1153**			**365**	**788**
	Oct 2017	47	61	6	67	67	0	67	6753.04	17	30	37
	Nov 2017	38	31	5	36	36	0	36	6753.04	17	0	36
	Dec 2017	32	113	5	118	118	0	118	6753.04	17	0	118
	Jan 2018	31	77	5	82	82	0	82	6753.04	17	0	82

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 2016 24-Month Study

Most Probable Inflow*

Vallecito Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Feb 2015	7	4	7655.19	100
H	Mar 2015	13	12	7655.67	101
I	Apr 2015	19	11	7658.49	108
S	May 2015	43	31	7662.94	120
T	Jun 2015	106	103	7664.05	123
O	Jul 2015	37	42	7661.73	117
R	Aug 2015	13	35	7652.83	94
I	Sep 2015	11	29	7645.08	75
	WY 2015	**294**	**285**		
C	Oct 2015	17	15	7645.65	77
A	Nov 2015	11	5	7648.25	83
L	Dec 2015	7	4	7649.57	86
*	Jan 2016	6	7	7649.21	85
	Feb 2016	5	4	7649.66	86
	Mar 2016	9	4	7651.78	91
	Apr 2016	23	4	7659.34	110
	May 2016	80	67	7664.11	123
	Jun 2016	77	76	7664.09	123
	Jul 2016	25	41	7657.61	106
	Aug 2016	18	38	7649.49	86
	Sep 2016	16	29	7643.62	72
	WY 2016	**294**	**294**		
	Oct 2016	15	17	7642.74	70
	Nov 2016	9	4	7644.91	75
	Dec 2016	6	4	7646.04	78
	Jan 2017	5	4	7646.74	79
	Feb 2017	5	3	7647.31	81
	Mar 2017	9	4	7649.30	85
	Apr 2017	23	4	7657.16	105
	May 2017	71	53	7664.11	123
	Jun 2017	70	70	7664.07	123
	Jul 2017	29	42	7659.11	110
	Aug 2017	20	38	7651.79	91
	Sep 2017	17	30	7646.54	79
	WY 2017	**280**	**270**		
	Oct 2017	16	17	7645.77	77
	Nov 2017	9	4	7647.96	82
	Dec 2017	6	4	7649.05	85
	Jan 2018	5	4	7649.73	86

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 2016 24-Month Study

Most Probable Inflow*

Navajo Reservoir

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azetea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Farmington Flow (1000 Ac-Ft)
*	Feb 2015	28	1	25	1	0	19	6038.43	1096	41
H	Mar 2015	86	7	79	1	3	20	6043.43	1150	56
I	Apr 2015	80	8	63	2	20	21	6045.22	1170	38
S	May 2015	178	24	144	3	23	21	6053.44	1267	93
T	Jun 2015	285	38	241	4	20	22	6068.60	1461	254
O	Jul 2015	76	9	71	5	39	27	6068.68	1462	90
R	Aug 2015	15	1	36	4	33	42	6065.47	1419	70
I	Sep 2015	15	0	33	3	25	33	6063.41	1392	66
	WY 2015	**900**	**90**	**797**	**27**	**170**	**289**			**903**
C	Oct 2015	40	1	38	2	9	27	6063.43	1392	
A	Nov 2015	35	1	28	1	0	19	6064.00	1400	
L	Dec 2015	22	0	19	1	0	20	6063.81	1397	
*	Jan 2016	22	0	23	1	0	22	6063.77	1396	
	Feb 2016	25	0	24	1	0	23	6063.78	1397	33
	Mar 2016	85	2	77	2	5	25	6067.22	1442	42
	Apr 2016	171	17	135	3	20	34	6072.87	1521	89
	May 2016	290	45	232	4	34	213	6071.53	1502	374
	Jun 2016	225	38	187	5	49	203	6066.49	1433	358
	Jul 2016	49	7	58	5	53	25	6064.72	1409	79
	Aug 2016	35	2	53	4	44	25	6063.23	1389	58
	Sep 2016	36	1	48	3	24	24	6063.05	1387	52
	WY 2016	**1036**	**114**	**922**	**29**	**239**	**659**			**1083**
	Oct 2016	42	2	42	2	9	25	6063.52	1393	51
	Nov 2016	32	1	26	1	0	24	6063.61	1394	41
	Dec 2016	25	0	22	1	0	25	6063.38	1391	40
	Jan 2017	22	0	20	1	0	25	6063.00	1386	38
	Feb 2017	30	0	29	1	0	22	6063.43	1392	35
	Mar 2017	92	2	85	2	5	25	6067.47	1446	47
	Apr 2017	170	16	135	3	20	37	6072.93	1522	90
	May 2017	277	42	217	4	34	215	6070.42	1486	361
	Jun 2017	224	34	189	4	49	212	6064.85	1411	363
	Jul 2017	66	7	71	5	53	25	6064.02	1400	92
	Aug 2017	45	2	62	4	45	25	6063.12	1388	63
	Sep 2017	43	1	55	3	25	28	6063.05	1387	60
	WY 2017	**1068**	**106**	**953**	**29**	**238**	**686**			**1280**
	Oct 2017	47	2	47	2	9	26	6063.78	1397	54
	Nov 2017	34	1	28	1	0	24	6063.99	1399	42
	Dec 2017	25	0	22	1	0	25	6063.76	1396	40
	Jan 2018	22	0	20	1	0	25	6063.38	1391	38

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 2016 24-Month Study

Most Probable Inflow*

Lake Powell

	Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry Gage (1000 Ac-Ft)
*	Feb 2015	424	464	8	589	0	589	3592.23	4936	11024	595
H	Mar 2015	552	543	14	649	0	649	3591.02	4927	10913	656
I	Apr 2015	639	539	21	600	0	600	3590.18	4921	10837	610
S	May 2015	1613	1431	25	699	0	699	3597.27	4973	11491	708
T	Jun 2015	3389	2570	44	800	0	800	3613.54	5101	13090	801
O	Jul 2015	1072	1002	55	1048	0	1048	3612.62	5093	12996	1076
R	Aug 2015	313	466	54	799	0	799	3609.07	5065	12637	814
I	Sep 2015	276	435	49	714	0	714	3606.01	5040	12333	726
	WY 2015	**10174**	**9419**	**368**	**8868**	**132**	**9000**				**9136**
C	Oct 2015	535	680	34	600	0	600	3606.44	5044	12375	609
A	Nov 2015	421	506	32	577	0	577	3605.47	5036	12280	583
L	Dec 2015	266	393	26	857	0	857	3600.80	5000	11827	863
*	Jan 2016	300	433	8	857	0	857	3596.58	4968	11427	865
	Feb 2016	350	460	8	700	0	700	3594.12	4949	11197	705
	Mar 2016	610	524	14	700	0	700	3592.21	4935	11022	706
	Apr 2016	1000	807	22	658	0	658	3593.49	4945	11140	668
	May 2016	2250	2093	27	700	0	700	3606.74	5046	12405	708
	Jun 2016	2550	2317	46	800	0	800	3620.03	5155	13766	809
	Jul 2016	900	899	57	950	0	950	3619.08	5147	13666	965
	Aug 2016	400	522	56	900	0	900	3615.23	5115	13264	917
	Sep 2016	340	470	51	700	0	700	3612.69	5094	13003	713
	WY 2016	**9923**	**10104**	**380**	**9000**	**0**	**9000**				**9111**
	Oct 2016	455	492	35	600	0	600	3611.39	5083	12871	609
	Nov 2016	447	460	33	600	0	600	3609.80	5071	12710	606
	Dec 2016	363	488	26	800	0	800	3606.66	5045	12397	806
	Jan 2017	361	453	8	800	0	800	3603.30	5019	12068	809
	Feb 2017	393	435	9	650	0	650	3601.16	5003	11861	655
	Mar 2017	665	577	14	650	0	650	3600.31	4996	11780	656
	Apr 2017	1056	865	23	600	0	600	3602.64	5014	12003	610
	May 2017	2343	2156	29	650	0	650	3616.26	5123	13371	658
	Jun 2017	2666	2348	49	800	0	800	3629.16	5234	14758	809
	Jul 2017	1091	997	61	1000	0	1000	3628.62	5230	14699	1015
	Aug 2017	500	603	60	1050	0	1050	3624.35	5192	14230	1067
	Sep 2017	408	549	54	800	0	800	3621.74	5170	13948	813
	WY 2017	**10747**	**10423**	**402**	**9000**	**0**	**9000**				**9113**
	Oct 2017	512	571	37	600	0	600	3621.16	5165	13886	609
	Nov 2017	473	515	36	600	0	600	3620.11	5156	13775	606
	Dec 2017	363	521	28	800	0	800	3617.40	5133	13490	806
	Jan 2018	361	482	9	800	0	800	3614.49	5109	13187	809

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 2016 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Glen Release (1000 Ac-Ft)	Side Inflow Glen to Hoover (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Feb 2015	589	90	28	600	10.8	8	599	700	1088.98	10769
H	Mar 2015	649	57	31	1034	16.8	14	1033	677	1084.87	10419
I	Apr 2015	600	26	38	1087	18.3	20	1086	646	1079.03	9931
S	May 2015	699	25	43	871	14.2	25	862	632	1076.57	9729
T	Jun 2015	800	16	52	868	14.6	25	868	624	1075.08	9607
O	Jul 2015	1048	80	65	767	12.5	28	766	641	1078.15	9858
R	Aug 2015	799	114	70	803	13.1	27	802	642	1078.31	9871
I	Sep 2015	714	73	58	723	12.1	25	722	641	1078.10	9854
	WY 2015	**9000**	**722**	**540**	**9246**		**221**	**9216**			
C	Oct 2015	600	118	42	578	9.4	20	577	645	1078.99	9927
A	Nov 2015	577	41	42	631	10.6	12	630	641	1078.23	9865
L	Dec 2015	857	42	36	619	10.1	8	618	656	1080.91	10087
*	Jan 2016	857	90	30	662	10.8	8	661	671	1083.68	10318
	Feb 2016	700	77	28	695	12.1	7	695	674	1084.21	10363
	Mar 2016	700	61	31	986	16.0	14	986	657	1081.19	10110
	Apr 2016	658	76	38	1121	18.8	20	1121	630	1076.11	9691
	May 2016	700	49	43	1010	16.4	30	1010	610	1072.24	9378
	Jun 2016	800	23	51	900	15.1	27	900	600	1070.42	9233
	Jul 2016	950	67	64	859	14.0	27	859	604	1071.21	9296
	Aug 2016	900	127	68	762	12.4	25	762	615	1073.22	9457
	Sep 2016	700	114	56	748	12.6	19	748	614	1073.12	9449
	WY 2016	**9000**	**885**	**529**	**9570**		**217**	**9566**			
	Oct 2016	600	61	41	533	8.7	21	533	618	1073.88	9511
	Nov 2016	600	50	41	597	10.0	12	597	618	1073.88	9510
	Dec 2016	800	96	36	538	8.7	8	538	637	1077.51	9806
	Jan 2017	800	72	30	712	11.6	8	712	645	1078.91	9921
	Feb 2017	650	77	27	733	13.2	7	733	642	1078.45	9883
	Mar 2017	650	61	30	1020	16.6	15	1020	621	1074.38	9551
	Apr 2017	600	76	37	1098	18.4	21	1098	592	1068.75	9100
	May 2017	650	49	41	1002	16.3	29	1002	569	1064.27	8750
	Jun 2017	800	23	49	889	14.9	29	889	560	1062.51	8615
	Jul 2017	1000	67	62	850	13.8	31	850	568	1064.04	8732
	Aug 2017	1050	127	66	762	12.4	29	762	587	1067.89	9032
	Sep 2017	800	114	55	730	12.3	16	730	594	1069.23	9138
	WY 2017	**9000**	**874**	**516**	**9463**		**225**	**9463**			
	Oct 2017	600	61	41	482	7.8	20	482	601	1070.63	9250
	Nov 2017	600	50	41	621	10.4	11	621	600	1070.37	9229
	Dec 2017	800	96	35	561	9.1	7	561	618	1073.79	9503
	Jan 2018	800	72	29	685	11.1	15	685	626	1075.45	9638

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 2016 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Feb 2015	600	-8	10	625	0	625	11.3	641.43	1656
H	Mar 2015	1034	-21	13	963	0	963	15.7	642.78	1693
I	Apr 2015	1087	-18	17	1022	0	1022	17.2	643.88	1723
S	May 2015	871	-10	22	854	0	854	13.9	643.30	1707
T	Jun 2015	868	-19	26	810	0	810	13.6	643.81	1721
O	Jul 2015	767	-14	25	762	0	762	12.4	642.57	1687
R	Aug 2015	803	-16	23	775	0	775	12.6	642.12	1675
I	Sep 2015	723	-16	18	758	0	758	12.7	639.56	1606
	WY 2015	**9246**	**-142**	**198**	**8945**	**0**	**8945**			
C	Oct 2015	578	-7	15	655	0	655	10.7	635.80	1507
A	Nov 2015	631	-14	10	599	0	599	10.1	636.11	1514
L	Dec 2015	619	-13	9	527	0	527	8.6	638.77	1585
*	Jan 2016	662	-32	10	553	0	553	9.0	641.26	1651
	Feb 2016	695	-13	10	652	0	652	11.3	642.00	1671
	Mar 2016	986	-15	13	944	0	944	15.4	642.50	1685
	Apr 2016	1121	-19	17	1072	0	1072	18.0	643.00	1699
	May 2016	1010	-15	22	973	0	973	15.8	643.00	1699
	Jun 2016	900	-17	25	884	0	884	14.9	642.00	1671
	Jul 2016	859	-13	25	834	0	834	13.6	641.50	1658
	Aug 2016	762	-10	23	729	0	729	11.8	641.50	1658
	Sep 2016	748	-6	18	764	0	764	12.8	640.01	1617
	WY 2016	**9570**	**-175**	**197**	**9186**	**0**	**9186**			
	Oct 2016	533	1	15	702	0	702	11.4	633.00	1434
	Nov 2016	597	-11	10	525	0	525	8.8	635.00	1486
	Dec 2016	538	-12	9	419	0	419	6.8	638.71	1583
	Jan 2017	712	-13	10	607	0	607	9.9	641.80	1666
	Feb 2017	733	-13	10	710	0	710	12.8	641.80	1666
	Mar 2017	1020	-15	13	958	0	958	15.6	643.05	1700
	Apr 2017	1098	-19	17	1064	0	1064	17.9	643.00	1699
	May 2017	1002	-15	22	965	0	965	15.7	643.00	1699
	Jun 2017	889	-17	25	873	0	873	14.7	642.00	1671
	Jul 2017	850	-13	25	825	0	825	13.4	641.50	1658
	Aug 2017	762	-10	23	729	0	729	11.9	641.50	1658
	Sep 2017	730	-6	18	746	0	746	12.5	640.01	1617
	WY 2017	**9463**	**-143**	**197**	**9123**	**0**	**9123**			
	Oct 2017	482	1	15	651	0	651	10.6	633.00	1434
	Nov 2017	621	-11	10	549	0	549	9.2	635.00	1486
	Dec 2017	561	-12	9	443	0	443	7.2	638.71	1583
	Jan 2018	685	-13	10	580	0	580	9.4	641.80	1666

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 2016 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	Feb 2015	625	9	8	473	8.5	54	109	447.38	568	172	3.1
H	Mar 2015	963	3	9	707	11.5	86	146	447.89	578	219	3.6
I	Apr 2015	1022	13	11	752	12.6	104	154	448.09	582	210	3.5
S	May 2015	854	21	13	559	9.1	108	177	448.50	590	113	1.8
T	Jun 2015	810	19	16	615	10.3	104	77	448.89	597	109	1.8
O	Jul 2015	762	18	17	592	9.6	107	70	447.99	580	107	1.7
R	Aug 2015	775	16	17	580	9.4	107	70	448.30	586	93	1.5
I	Sep 2015	758	19	15	487	8.2	104	168	448.04	581	90	1.5
	WY 2015	**8945**	**178**	**140**	**6135**		**1195**	**1566**			**1510**	
C	Oct 2015	655	34	12	458	7.5	101	115	447.88	578	59	1.0
A	Nov 2015	599	11	9	385	6.5	98	120	447.57	572	93	1.6
L	Dec 2015	527	22	7	321	5.2	101	130	446.92	560	105	1.7
*	Jan 2016	553	28	6	324	5.3	97	156	446.60	554	154	2.5
	Feb 2016	652	11	8	507	8.8	14	118	447.00	561	180	3.1
	Mar 2016	944	15	9	722	11.7	100	111	447.50	570	206	3.4
	Apr 2016	1072	23	11	780	13.1	96	175	448.70	593	192	3.2
	May 2016	973	17	13	686	11.1	99	180	448.70	593	97	1.6
	Jun 2016	884	15	16	695	11.7	96	78	448.70	593	98	1.6
	Jul 2016	834	29	17	677	11.0	99	70	448.00	580	99	1.6
	Aug 2016	729	27	17	565	9.2	99	70	447.50	571	99	1.6
	Sep 2016	764	23	15	523	8.8	96	143	447.50	570	89	1.5
	WY 2016	**9186**	**254**	**140**	**6643**		**1095**	**1466**			**1471**	
	Oct 2016	702	25	12	475	7.7	99	135	447.50	571	68	1.1
	Nov 2016	525	27	9	380	6.4	46	111	447.50	571	103	1.7
	Dec 2016	419	21	7	283	4.6	49	116	446.50	552	115	1.9
	Jan 2017	607	18	6	379	6.2	80	154	446.50	552	154	2.5
	Feb 2017	710	11	8	492	8.9	71	143	446.50	552	180	3.2
	Mar 2017	958	15	9	722	11.7	80	150	446.70	555	206	3.4
	Apr 2017	1064	23	11	768	12.9	77	182	448.70	593	192	3.2
	May 2017	965	17	13	687	11.2	80	189	448.70	593	97	1.6
	Jun 2017	873	15	16	694	11.7	77	86	448.70	593	98	1.6
	Jul 2017	825	29	17	666	10.8	80	90	448.00	580	99	1.6
	Aug 2017	729	27	17	564	9.2	80	91	447.50	571	99	1.6
	Sep 2017	746	23	15	513	8.6	77	153	447.50	570	89	1.5
	WY 2017	**9123**	**252**	**139**	**6624**		**899**	**1600**			**1500**	
	Oct 2017	651	25	12	469	7.6	80	108	447.50	571	68	1.1
	Nov 2017	549	27	9	375	6.3	77	108	447.50	571	103	1.7
	Dec 2017	443	21	7	283	4.6	80	108	446.50	552	115	1.9
	Jan 2018	580	18	6	371	6.0	91	125	446.50	552	150	2.4

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 2016 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Feb 2015	600	10.8	1088.98	10769	40	444.73	848.0	239.1	52	398.4
H	Mar 2015	1034	16.8	1084.87	10419	-350	440.21	952.0	412.2	60	398.7
I	Apr 2015	1087	18.3	1079.03	9931	-488	430.55	1217.0	427.4	76	393.2
S	May 2015	871	14.2	1076.57	9729	-202	432.58	1165.0	337.2	74	387.2
T	Jun 2015	868	14.6	1075.08	9607	-121	427.78	1573.0	332.0	100	382.4
O	Jul 2015	767	12.5	1078.15	9858	251	432.42	1455.0	292.7	94	381.4
R	Aug 2015	803	13.1	1078.31	9871	13	434.75	1451.0	307.8	93	383.4
I	Sep 2015	723	12.1	1078.10	9854	-17	435.36	1563.0	275.2	100	380.7
	WY 2015	**9246**							**3596.9**		
C	Oct 2015	578	9.4	1078.99	9927	73	435.13	1088.0	221.8	70	383.6
A	Nov 2015	631	10.6	1078.23	9865	-63	433.49	1088.0	244.8	70	387.9
L	Dec 2015	619	10.1	1080.91	10087	222	434.77	1069.0	241.9	68	390.9
*	Jan 2016	662	10.8	1083.68	10318	232	438.04	775.0	258.5	49	390.7
	Feb 2016	695	12.1	1084.21	10363	45	436.14	880.0	278.0	55	400.3
	Mar 2016	986	16.0	1081.19	10110	-254	433.86	963.0	393.9	61	399.4
	Apr 2016	1121	18.8	1076.11	9691	-418	427.05	1300.0	439.9	84	392.3
	May 2016	1010	16.4	1072.24	9378	-313	420.75	1526.0	379.2	100	375.3
	Jun 2016	900	15.1	1070.42	9233	-146	418.26	1515.0	338.1	100	375.9
	Jul 2016	859	14.0	1071.21	9296	63	418.23	1519.0	326.9	100	380.4
	Aug 2016	762	12.4	1073.22	9457	162	419.79	1531.0	287.1	100	377.0
	Sep 2016	748	12.6	1073.12	9449	-9	421.22	1530.0	283.2	100	378.9
	WY 2016	**9570**							**3693.3**		
	Oct 2016	533	8.7	1073.88	9511	62	425.07	1331.0	198.2	87	372.1
	Nov 2016	597	10.0	1073.88	9510	0	427.63	1347.0	227.8	88	381.4
	Dec 2016	538	8.7	1077.51	9806	296	430.19	985.0	204.7	63	380.6
	Jan 2017	712	11.6	1078.91	9921	115	430.45	993.0	277.9	63	390.1
	Feb 2017	733	13.2	1078.45	9883	-38	430.67	881.0	292.7	56	399.2
	Mar 2017	1020	16.6	1074.38	9551	-332	426.86	1033.0	399.7	67	391.8
	Apr 2017	1098	18.4	1068.75	9100	-450	418.84	1410.0	418.2	93	380.9
	May 2017	1002	16.3	1064.27	8750	-350	413.86	1385.0	370.4	93	369.7
	Jun 2017	889	14.9	1062.51	8615	-136	410.40	1473.0	326.9	100	367.9
	Jul 2017	850	13.8	1064.04	8732	117	410.77	1477.5	316.9	100	373.0
	Aug 2017	762	12.4	1067.89	9032	300	413.59	1499.2	283.1	100	371.4
	Sep 2017	730	12.3	1069.23	9138	106	416.65	1506.8	272.8	100	373.7
	WY 2017	**9463**							**3589.2**		
	Oct 2017	482	7.8	1070.63	9250	112	421.53	1313.4	181.6	87	377.1
	Nov 2017	621	10.4	1070.37	9229	-21	424.28	1327.0	236.3	88	380.4
	Dec 2017	561	9.1	1073.79	9503	274	426.60	968.3	213.4	63	380.0
	Jan 2018	685	11.1	1075.45	9638	134	426.89	977.1	263.7	63	384.9

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 2016 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Feb 2015	625	11.3	641.43	1656	-42	140.07	188.7	79.9	74	127.8
H	Mar 2015	963	15.7	642.78	1693	37	139.75	229.5	123.2	90	128.0
I	Apr 2015	1022	17.2	643.88	1723	30	141.00	255.0	129.5	100	126.8
S	May 2015	854	13.9	643.30	1707	-16	141.92	252.5	110.0	99	128.8
T	Jun 2015	810	13.6	643.81	1721	14	144.85	255.0	104.6	100	129.1
O	Jul 2015	762	12.4	642.57	1687	-34	140.97	255.0	98.4	100	129.1
R	Aug 2015	775	12.6	642.12	1675	-12	142.40	255.0	99.2	100	127.9
I	Sep 2015	758	12.7	639.56	1606	-69	137.76	255.0	95.5	100	126.0
	WY 2015	**8945**							**1122.4**		
C	Oct 2015	655	10.7	635.80	1507	-99	136.05	211.7	81.6	83	124.5
A	Nov 2015	599	10.1	636.11	1514	8	136.53	165.8	72.5	65	121.0
L	Dec 2015	527	8.6	638.77	1585	70	135.98	155.6	65.1	61	123.6
*	Jan 2016	553	9.0	641.26	1651	67	141.86	163.2	71.9	64	129.9
	Feb 2016	652	11.3	642.00	1671	20	136.84	178.5	81.6	70	125.3
	Mar 2016	944	15.4	642.50	1685	14	136.31	216.8	117.6	85	124.5
	Apr 2016	1072	18.0	643.00	1699	14	135.78	255.0	133.1	100	124.2
	May 2016	973	15.8	643.00	1699	0	136.04	255.0	121.7	100	125.0
	Jun 2016	884	14.9	642.00	1671	-27	135.51	255.0	110.4	100	124.9
	Jul 2016	834	13.6	641.50	1658	-14	134.73	255.0	103.9	100	124.6
	Aug 2016	729	11.8	641.50	1658	0	134.46	255.0	91.0	100	125.0
	Sep 2016	764	12.8	640.01	1617	-40	133.68	255.0	94.7	100	124.0
	WY 2016	**9186**							**1145.1**		
	Oct 2016	702	11.4	633.00	1434	-183	129.77	234.6	84.7	92	120.6
	Nov 2016	525	8.8	635.00	1486	51	128.06	204.0	62.6	80	119.3
	Dec 2016	419	6.8	638.71	1583	97	130.45	224.4	51.4	88	122.7
	Jan 2017	607	9.9	641.80	1666	83	135.03	191.3	75.6	75	124.6
	Feb 2017	710	12.8	641.80	1666	0	137.09	176.0	88.7	69	124.9
	Mar 2017	958	15.6	643.05	1700	34	135.44	255.0	119.3	100	124.6
	Apr 2017	1064	17.9	643.00	1699	-2	136.07	255.0	132.4	100	124.4
	May 2017	965	15.7	643.00	1699	0	136.04	255.0	120.6	100	125.1
	Jun 2017	873	14.7	642.00	1671	-27	135.51	255.0	109.1	100	124.9
	Jul 2017	825	13.4	641.50	1658	-14	134.73	255.0	102.8	100	124.7
	Aug 2017	729	11.9	641.50	1658	0	134.46	255.0	91.1	100	125.0
	Sep 2017	746	12.5	640.01	1617	-40	133.68	255.0	92.6	100	124.1
	WY 2017	**9123**							**1131.0**		
	Oct 2017	651	10.6	633.00	1434	-183	129.77	234.6	78.8	92	120.9
	Nov 2017	549	9.2	635.00	1486	51	128.06	204.0	65.4	80	119.2
	Dec 2017	443	7.2	638.71	1583	97	130.45	224.4	54.3	88	122.5
	Jan 2018	580	9.4	641.80	1666	83	135.03	191.3	72.3	75	124.7

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 2016 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Feb 2015	473	8.5	447.38	568	-16	81.70	94.8	33.2	79	70.2
H	Mar 2015	707	11.5	447.89	578	10	79.76	108.0	49.6	90	70.2
I	Apr 2015	752	12.6	448.09	582	4	80.20	120.0	52.5	100	69.8
S	May 2015	559	9.1	448.50	590	8	81.62	112.8	39.5	94	70.7
T	Jun 2015	615	10.3	448.89	597	7	79.48	120.0	43.6	100	70.8
O	Jul 2015	592	9.6	447.99	580	-17	81.75	120.0	41.8	100	70.7
R	Aug 2015	580	9.4	448.30	586	6	82.40	120.0	40.9	100	70.4
I	Sep 2015	487	8.2	448.04	581	-5	82.23	120.0	34.6	100	71.1
	WY 2015	**6135**							**430.7**		
C	Oct 2015	458	7.5	447.88	578	-3	81.97	91.2	32.3	76	70.6
A	Nov 2015	385	6.5	447.57	572	-6	83.21	96.0	27.1	80	70.3
L	Dec 2015	321	5.2	446.92	560	-12	82.51	120.0	21.9	100	68.4
*	Jan 2016	324	5.3	446.60	554	-6	80.76	94.8	22.3	79	68.8
	Feb 2016	507	8.8	447.00	561	8	75.49	92.4	33.4	77	65.8
	Mar 2016	722	11.7	447.50	570	9	74.64	120.0	47.3	100	65.5
	Apr 2016	780	13.1	448.70	593	23	75.47	120.0	51.7	100	66.3
	May 2016	686	11.1	448.70	593	0	76.05	120.0	45.5	100	66.4
	Jun 2016	695	11.7	448.70	593	0	76.05	120.0	46.3	100	66.5
	Jul 2016	677	11.0	448.00	580	-13	75.71	120.0	44.8	100	66.1
	Aug 2016	565	9.2	447.50	571	-9	75.13	120.0	36.9	100	65.3
	Sep 2016	523	8.8	447.50	570	0	74.89	120.0	34.0	100	65.0
	WY 2016	**6643**							**443.4**		
	Oct 2016	475	7.7	447.50	571	0	75.74	100.8	31.1	84	65.5
	Nov 2016	380	6.4	447.50	571	0	75.92	97.2	24.7	81	65.0
	Dec 2016	283	4.6	446.50	552	-19	74.40	120.0	17.7	100	62.6
	Jan 2017	379	6.2	446.50	552	0	75.13	93.6	24.4	78	64.4
	Feb 2017	492	8.9	446.50	552	0	74.71	102.0	32.0	85	65.1
	Mar 2017	722	11.7	446.70	555	4	74.01	120.0	46.9	100	65.0
	Apr 2017	768	12.9	448.70	593	38	75.08	120.0	50.6	100	66.0
	May 2017	687	11.2	448.70	593	0	76.05	120.0	45.6	100	66.4
	Jun 2017	694	11.7	448.70	593	0	76.05	120.0	46.2	100	66.5
	Jul 2017	666	10.8	448.00	580	-13	75.71	120.0	44.0	100	66.1
	Aug 2017	564	9.2	447.50	571	-9	75.13	120.0	36.8	100	65.3
	Sep 2017	513	8.6	447.50	570	0	74.89	120.0	33.4	100	65.0
	WY 2017	**6624**							**433.6**		
	Oct 2017	469	7.6	447.50	571	0	75.74	100.8	30.7	84	65.4
	Nov 2017	375	6.3	447.50	571	0	75.92	97.2	24.4	81	65.0
	Dec 2017	283	4.6	446.50	552	-19	74.40	120.0	17.7	100	62.6
	Jan 2018	371	6.0	446.50	552	0	74.89	98.4	23.8	82	64.1

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 2016 24-Month Study

Most Probable Inflow*

Upper Basin Power

	Date	Glen Canyon 1000 MWHR	Flaming Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Reservoir 1000 MWHR	Fontenelle Reservoir 1000 MWHR
*	Feb 2015	254	44	8	10	2	5
H	Mar 2015	278	48	7	9	5	6
	Winter 2015	**1827**	**250**	**72**	**83**	**46**	**37**
I	Apr 2015	256	28	13	17	11	7
S	May 2015	299	65	21	30	18	8
T	Jun 2015	348	40	38	67	21	9
O	Jul 2015	471	42	41	53	22	8
R	Aug 2015	357	42	32	38	21	7
I	Sep 2015	317	40	28	37	18	0
	Summer 2015	**2049**	**256**	**173**	**241**	**111**	**39**
C	Oct 2015	264	52	26	32	0	4
A	Nov 2015	256	52	13	15	0	4
L	Dec 2015	378	53	18	16	7	4
*	Jan 2016	373	52	17	22	13	3
	Feb 2016	273	42	18	22	11	4
	Mar 2016	271	21	10	13	7	4
	Winter 2016	**1816**	**273**	**101**	**120**	**38**	**24**
	Apr 2016	255	17	13	20	11	4
	May 2016	276	35	35	51	23	5
	Jun 2016	324	60	23	34	22	7
	Jul 2016	390	29	38	45	23	9
	Aug 2016	368	29	39	46	23	8
	Sep 2016	284	28	37	45	22	6
	Summer 2016	**1896**	**197**	**185**	**241**	**125**	**39**
	Oct 2016	242	29	16	20	11	5
	Nov 2016	241	28	7	9	5	5
	Dec 2016	320	29	32	40	20	5
	Jan 2017	318	29	22	28	14	5
	Feb 2017	257	26	13	17	9	4
	Mar 2017	256	29	9	13	7	4
	Winter 2017	**1636**	**168**	**100**	**127**	**66**	**28**
	Apr 2017	237	28	12	19	11	5
	May 2017	261	46	42	60	23	7
	Jun 2017	330	74	18	29	20	9
	Jul 2017	418	40	34	41	22	10
	Aug 2017	437	40	38	45	23	10
	Sep 2017	331	38	37	44	22	7
	Summer 2017	**1683**	**227**	**144**	**194**	**99**	**40**
	Oct 2017	247	39	18	22	12	6
	Nov 2017	247	38	9	11	6	6
	Dec 2017	328	39	33	41	20	6
	Jan 2018	326	39	22	28	14	5

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
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February 2016 24-Month Study

Most Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions

Date	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Total KAF	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****EFFECTIVE SPACE****										
Feb 2016	760	239	300	12895	14195	17059	31253	256	239	191	686	12895	17059	30640	1500	695	0	29.2
Mar 2016	837	278	299	13125	14539	17014	31553	332	278	190	800	13125	17014	30938	1500	986	0	28.9
Apr 2016	811	275	254	13300	14639	17267	31907	300	275	137	713	13300	17267	31280	1500	1121	0	28.8
May 2016	756	248	175	13182	14361	17686	32046	238	248	36	522	13182	17686	31390	1500	1010	0	29.8
Jun 2016	696	173	194	11917	12981	17999	30979	168	166	18	352	11917	17999	30268	1500	900	0	31.3
Jul 2016	600	3	263	10556	11423	18144	29567	62	-25	33	70	10556	18144	28770	1500	859	0	31.2
								****CREDITABLE SPACE****										
Aug 2016	555	27	287	10656	11525	18081	29607	555	27	287	869	10656	18081	29607	1500	762	0	30.8
Sep 2016	583	90	307	11058	12038	17920	29958	583	90	307	980	11058	17920	29958	2270	748	0	30.4
Oct 2016	628	166	309	11319	12422	17928	30350	628	166	309	1103	11319	17928	30350	3040	533	0	30.1
Nov 2016	664	176	303	11451	12594	17866	30460	664	176	303	1143	11451	17866	30460	3810	597	0	29.9
Dec 2016	696	167	302	11612	12777	17867	30644	696	167	302	1165	11612	17867	30644	4580	538	0	29.9
Jan 2017	742	248	305	11925	13220	17571	30791	742	248	305	1294	11925	17571	30791	5350	712	0	29.6
								****EFFECTIVE SPACE****										
Jan 2017	742	248	305	11925	13220	17571	30791	427	248	187	863	11925	17571	30359	5350	712	0	29.6
Feb 2017	781	297	310	12254	13643	17456	31099	465	297	192	954	12254	17456	30665	1500	733	0	29.3
Mar 2017	810	319	304	12461	13895	17494	31389	491	319	185	996	12461	17494	30951	1500	1020	0	29.0
Apr 2017	791	314	250	12542	13897	17826	31724	468	314	124	906	12542	17826	31275	1500	1098	0	29.0
May 2017	740	282	174	12319	13516	18277	31792	410	282	27	719	12319	18277	31314	1500	1002	0	30.2
Jun 2017	632	217	210	10951	12011	18627	30637	290	211	24	526	10951	18627	30104	1500	889	0	31.7
Jul 2017	459	37	285	9564	10345	18762	29107	103	10	47	159	9564	18762	28485	1500	850	0	31.8
								****CREDITABLE SPACE****										
Aug 2017	375	27	296	9623	10321	18645	28966	375	27	296	698	9623	18645	28966	1500	762	0	31.5
Sep 2017	409	77	308	10092	10886	18345	29230	409	77	308	794	10092	18345	29230	2270	730	0	31.2
Oct 2017	470	151	309	10374	11304	18239	29543	470	151	309	930	10374	18239	29543	3040	482	0	31.0
Nov 2017	525	166	299	10436	11427	18127	29554	525	166	299	991	10436	18127	29554	3810	621	0	30.8
Dec 2017	581	164	297	10547	11589	18148	29737	581	164	297	1041	10547	18148	29737	4580	561	0	30.7
Jan 2018	655	248	300	10832	12035	17874	29908	655	248	300	1203	10832	17874	29908	5350	685	0	30.5
								****EFFECTIVE SPACE****										
Jan 2018	655	248	300	10832	12035	17874	29908	346	248	187	782	10832	17874	29488	5350	685	0	30.5

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3004

Processed On: 2/11/2016 9:29:48AM

March 24-Month Study
Date: March 11, 2016

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

Reservoir	February Inflow (unregulated) (acre-feet)	Percent of Average (%)	March 10, Midnight Elevation (feet)	Reservoir Storage (acre-feet)
Fontenelle	34,000	123	6475.88	145,000
Flaming Gorge	63,000	142	6024.55	3,144,000
Blue Mesa	26,000	116	7486.93	558,000
Navajo	41,000	136	6065.30	1,417,000
Powell	396,000	101	3593.87	11,174,000

Expected Operations

The operation of Lake Powell and Lake Mead in this March 2016 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines), and reflects the 2016 Annual Operating Plan (AOP). Pursuant to the Interim Guidelines, the August 2015 24-Month Study projections of the January 1, 2016, system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2016.

Consistent with Section 6.B of the Interim Guidelines, Lake Powell's operations in water year 2016 will be governed by the Upper Elevation Balancing Tier, with an initial water year release volume of 8.23 maf and the potential for an April adjustment to equalization or balancing releases in April 2016. This March 2016 24-Month Study indicates that, consistent with Section 6.B.4 of the Interim Guidelines, an April adjustment to balancing releases is projected to occur and Lake Powell is projected to release 9.0 maf in water year 2016.

Consistent with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar year 2016.

The Interim Guidelines are available for download at:
http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The 2016 AOP is available for download at:
http://www.usbr.gov/lc/region/g4000/aop/AOP16.pdf.

Fontenelle Reservoir – Fontenelle Reservoir is currently at elevation 6475 feet, which amounts to 42 percent of live storage capacity. Inflows for the month of February totaled 34,000 AF, or 123 percent of average. Recent daily inflow averages are fairly steady around 800 cfs.

The Colorado Basin River Forecast Center has forecasted spring inflows that are slightly below average. March, April and May forecasted inflow volumes amount to 51,000 AF (97% of average), 65,000 AF (76% of average), and 100,000 AF (61% of average), respectively. It is anticipated that releases will be maintained at a baseflow of 950 cfs until Spring 2016.

The next Fontenelle Working Group meeting is scheduled for 10:00 am, April 20, 2016. The meeting will be held at the Seedskadee Wildlife Refuge in Green River, Wyoming. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir.

Flaming Gorge Reservoir – Flaming Gorge Dam is currently releasing steady minimum releases of 800 cfs. The March for unregulated inflow into Flaming Gorge for the April-July period is continuing to decrease and is currently at 67% of average. Dry conditions are forecasted this spring.

It is anticipated that releases will remain at 800 cfs until the beginning of spring runoff sometime in May or June. Base flow releases are subject to observed hydrology and all projections may change.

Unregulated inflow into Flaming Gorge Reservoir during the month of February was 63,000 acre-feet (AF), or 142 percent of average. The reservoir elevation is 6,024 feet and increasing.

Inflows for the next three months are projected to be below average: with March, April and May forecasted inflow volumes at 102,000 AF (100% of average), 105,000 AF (79% of average), and 160,000 AF (65% of average), respectively.

The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stakeholders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations and plans presented by Reclamation at these meetings. Meeting notes from past Working Group meetings are posted on the Working Group webpage. For more information on this group and these meetings please contact Dale Hamilton at 801-379-1186 or Heather Patno at 801-524-3883.

Reclamation will be holding two Flaming Gorge Working Group meetings this year. The first meeting will be held on March 23, 2016, at 6:00 p.m. in Green River, Utah at the Green River High School.

Reclamation will be holding the second Flaming Gorge Working Group meeting on Tuesday, April 19, 2016, at 11:00 a.m. at the Utah Division of Wildlife Resources offices located at 318 North Vernal Avenue, Vernal, Utah.

Aspinall Unit Reservoirs – February unregulated inflow into Blue Mesa Reservoir was 26,000 acre-feet or 118 percent of average. Hydrologic and snowpack conditions in the Gunnison River Basin (basin) declined during the month of February and are 94% of the seasonal median (historic middle value of 30 years of record during the period from 1981 through 2010) for March 11, 2016. Precipitation during February in the basin was well below average at about 46 percent of average, while January's precipitation was about 106 percent of average. Reservoir inflows this past fall and early winter months have been about average to slightly below average.

The March Water Supply Forecast for Water Year 2016 has been issued and the April through July unregulated inflow to Blue Mesa is forecasted to be at 580,000 acre-feet (86% of average). Based on this forecast, Blue Mesa Reservoir is projected to be nearly full by the end of this 2016 runoff season.

Inflow to Blue Mesa is currently about 600 cfs and the elevation of Blue Mesa 7486.9 feet above sea level (about 2.5 feet higher than one year ago at this time). This elevation corresponds to Blue Mesa storage of about 558,000 acre-feet. Releases from Crystal Dam are currently 600 cfs. Gunnison River flows in the Black Canyon below the Gunnison Tunnel are essentially the same as releases from the Crystal Dam, with the exception of when the tunnel is taking water to refill Fairfield Reservoir for Montrose municipal water needs. Irrigation season is approaching and in late March the Uncompahgre Water Users Association will begin operating the Gunnison Tunnel to divert water from the Gunnison River. When this occurs, Crystal Dam releases will be coordinate with diversions to the Gunnison Tunnel to maintain river flows in the Black Canyon as well as along the Gunnison River below the Black Canyon.

Pursuant to the Aspinall Unit Operations Record of Decision (ROD), the baseflow target in the lower Gunnison River, as measured at the Whitewater gage, is 1,050 cfs. Flows in the lower Gunnison River are currently above the baseflow target of 1,050 cfs.

The next meeting of the "Aspinall Unit Working Group" will be held on Thursday April 28th in the Grand Junction, Colorado at the Western Colorado Area Office (445 West Gunnison Avenue - Suite 221). At this meeting, Reclamation will present hydrologic conditions of the Gunnison Basin and the projected 2016 operational plan for the Aspinall Unit during the spring and summer months. These meetings are hosted by Reclamation and are open forum discussions to share information among Reclamation, stakeholders and the public regarding past and future operations of the Aspinall Unit.

Anyone needing further information about these meetings should contact Erik Knight in the Grand Junction Area Office at (970) 248-0629.

Navajo Reservoir – Navajo is currently releasing 350 cfs. Releases are made for the authorized purposes of the Navajo Unit, and to attempt to maintain a target base flow through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell). The San Juan River Basin Recovery Implementation Program recommends a target base flow of between 500 cfs and 1,000 cfs through the critical habitat area. The target base flow is calculated as the weekly average of gaged flows throughout the critical habitat area.

Navajo was at 6064.4 ft of pool elevation and 1,404,661 acre-ft of storage by the end of February, which was 109% of average for the end of the month. Modified unregulated inflow into Navajo was 41,518 af, which was 137% of average for the month. Calculated evaporation for the month was 861 acre-ft. NIIP diverted a total of 1,457 acre-ft. The release averaged out to 480 cfs throughout the month. Precipitation at the dam totaled 0.33 inches (31% of average).

As of March 3rd, the release at Navajo was 450 cfs, (USGS at Archuleta gage is showing 484 cfs) and the observed inflow is 1,387 cfs. NIIP is diverting 149 cfs. The reservoir elevation is 6064.68 ft and the content is 1,408,495 acre-ft, or 83% full (72% of Active). The San Juan River at Four Corners USGS gage is at 1,180 cfs, and the Animas River at Farmington USGS gage is at 828 cfs (Animas at Farmington is estimated as there is a gage malfunction). Snotel sites above Navajo are showing 15.7 inches of SWE (93% of median on this date).

The most probable modified-unregulated inflow forecast for March at Navajo is 82,000 acre-ft (89% of average), for April is 150,000 acre-ft (88% of average), and for May is 265,000 acre-ft (96% of average). The April-July modified unregulated inflow forecasts are as follows:

Min Probable: 380,000 acre-ft (52% of average, a decrease of 100,000 af from the last forecast). Under this forecast, no spring peak release is expected.

Most Probable: 650,000 acre-ft (88% of average, a decrease of 85,000 af from the last forecast). Under this forecast, a spring peak release of 5,000 cfs for 40 days is expected beginning in early May.

Max Probable: 910,000 acre-ft (123% of average, a decrease of 140,000 af from the last forecast). Under this forecast, a spring peak release of 5,000 cfs for 60 days is expected beginning in late April.

The shape of the spring peak release has been coordinated with the SJRIP and will be an attempt to maximize the number of days at 5,000 cfs by reducing the ramp-up to three days. The ramp down will be 2-weeks to prevent fish stranding. Note that the final shape and volume of these hydrographs are subject to change.

Glen Canyon Dam / Lake Powell

Current Status

The unregulated inflow to Lake Powell in February was 396 kaf (101% of average). The release volume from Glen Canyon Dam in February was 700 kaf. The end of February elevation and storage of Lake Powell were 3,594 feet (106 feet from full pool) and 11.2 maf (46% of full capacity), respectively. The reservoir is declining and will continue to decline until spring runoff begins to enter the reservoir. The current snowpack above Lake Powell is 92% of average.

Current Operations

The operating tier for water year 2016, established in August 2015, is the Upper Elevation Balancing Tier, with an initial water year release volume of 8.23 maf and the potential for an April 2016 adjustment to equalization or balancing releases. Based on the current forecast, an April adjustment to balancing releases is projected to occur and Lake Powell is currently projected to release 9.0 maf in water year 2016. This projection will be updated each month throughout the water year.

In March 2016, the release volume will be approximately 693 thousand acre-feet (kaf), with fluctuations anticipated between approximately 8,000 cfs and 14,000 cfs and consistent with the Glen Canyon Operating Criteria (Federal Register, Volume 62, No. 41, March 3, 1997). The anticipated release volume for April is approximately 665 kaf with daily fluctuations between approximately 8,000 cfs and 14,000 cfs. The expected release for May is 700 kaf with daily fluctuations between approximately 8,000 cfs and 14,000 cfs.

In addition to daily scheduled fluctuations for power generation, the instantaneous releases from Glen Canyon Dam may also fluctuate to provide 40 MW of system regulation. These instantaneous release adjustments stabilize the electrical generation and transmission system and translate to a range of up to about 1,200 cfs above or below the hourly scheduled release rate. Under system normal conditions, fluctuations for regulation are typically short lived and generally balance out over the hour with minimal or no noticeable impacts on downstream river flow conditions.

Releases from Glen Canyon Dam can also fluctuate beyond scheduled releases when called upon to respond to unscheduled power outages or power system emergencies. Depending on the severity of the system emergency, the response from Glen Canyon Dam can be significant, within the full range of the operating capacity of the power plant for as long as is necessary to maintain balance in the transmission system. Glen Canyon Dam currently maintains 27 MW (approximately 800 cfs) of generation capacity in reserve in order to respond to a system emergency even when generation rates are already high. System emergencies occur fairly infrequently and typically require small responses from Glen Canyon Dam. However, these responses can have a noticeable impact on the river downstream of Glen Canyon Dam.

Inflow Forecasts and Model Projections

The April to July 2016 water supply forecast for unregulated inflow to Lake Powell, issued on March 2, 2016, by the Colorado Basin River Forecast Center, projects that the most probable (median) unregulated inflow volume will be 5.7 maf (80% of average based on the period 1981-2010). The projected water year 2016 inflow is 9.0 maf (83%). The forecast decreased by 1.0 maf since last month due to February hydrology being abnormally dry. At this early point in the season, there is still significant uncertainty regarding this year's water supply. The April-July forecast ranges from a minimum probable of 3.8 maf (53%) to a maximum probable of 8.0 maf (112%). There is a 10% chance that inflows could be higher than the current maximum probable forecast and a 10% chance that inflows could be lower than the minimum probable forecast.
Based on the current forecast, the March 24-Month Study projects Lake Powell elevation will end water year 2016 near 3,607 feet with approximately 12.0 maf in storage (51% capacity). Note that projections of elevation and storage for water year 2016 have significant uncertainty at this point in the season. Projections of elevation and storage using the minimum and maximum probable inflow forecast, updated in January, are 3,587 feet (10.5 maf, 43% capacity) and 3,642 feet (16.3 maf, 67% capacity), respectively. Under these scenarios, there is a 10 percent chance that inflows will be higher, resulting in higher elevation and storage, and 10 percent chance that inflows will be lower, potentially in lower elevation and storage. The annual release volume from Lake Powell during water year 2016 is projected to be 9.0 maf under the minimum, most, and maximum probable inflow scenarios. There is a chance that inflows could be higher or lower, potentially resulting in releases greater than 9.0 maf or as low as 8.23 maf in water year 2016. The minimum and maximum probable scenarios will be updated again in April.

Upper Colorado River Basin Hydrology

The Upper Colorado River Basin regularly experiences significant year to year hydrologic variability. During the 16-year period 2000 to 2015, however, the unregulated inflow to Lake Powell, which is a good measure of hydrologic conditions in the Colorado River Basin, was above average in only 3 out of the past 16 years. The period 2000-2015 is the lowest 16-year period since the closure of Glen Canyon Dam in 1963, with an average unregulated inflow of 8.51 maf, or 79% of the 30-year average (1981-2010). (For comparison, the 1981-2010 total water year average is 10.83 maf.) The unregulated inflow during the 2000-2015 period has ranged from a low of 2.64 maf (24% of average) in water year 2002 to a high of 15.97 maf (147% of average) in water year 2011. The water year 2015 unregulated inflow volume to Lake Powell was 10.17 maf (94% of average), which, though still below average, was significantly higher than inflows observed in 2012 and 2013 (45% and 47% of average, respectively). Under the current most probable forecast, the total water year 2016 unregulated inflow to Lake Powell is projected to be 9.02 maf (92% of average).

At the beginning of water year 2016, total system storage in the Colorado River Basin was 30.0 maf (50% of 59.6 maf total system capacity). This is nearly the same as the

total storage at the beginning of water years 2014 and 2015 which began at 29.9 maf and 30.0 maf, respectively, both of which were 50% of capacity. Since the beginning of water year 2000, total Colorado Basin storage has experienced year to year increases and decreases in response to wet and dry hydrology, ranging from a high of 94% of capacity at the beginning of 2000 to a low of 50% of capacity at the beginning of water year 2005. One wet year can significantly increase total system reservoir storage, just as persistent dry years can draw down the system storage. Based on current inflow forecasts, the current projected end of water year total Colorado Basin reservoir storage for water year 2016 is approximately 29.4 maf (49% of total system capacity). The actual end of water year 2016 system storage may vary from this projection, primarily due to uncertainty regarding the season's snowpack and resulting runoff and reservoir inflow. Based on the January minimum and maximum probable inflow forecasts and modeling, the range of end of water year 2016 total system capacity is approximately 27.4 maf (46%) to 34.1 maf (57%), respectively. The minimum and maximum probable scenarios will be updated again in April.

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-430
125 SOUTH STATE STREET, ROOM 6107
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-3709

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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:	Obs			feb	Forecast		Outlook		
:	nov	dec	jan	feb %Avg	mar	apr	may	apr-jul	%Avg
GLDA3:Lake Powell	421	266	300	396 101%:	700/	850/	1900/	5700/:	80%
GBRW4:Fontenelle	40	36	32	34 123%:	51/	65/	100/	515/:	71%
GRNU1:Flaming Gorge	38	38	44	63 142%:	102/	105/	160/	660/:	67%
BMDC2:Blue Mesa	30	27	27	26 116%:	36/	70/	180/	580/:	86%
MPSC2:Morrow Point	31	28	27	27 108%:	39/	80/	200/	630/:	85%
CLSC2:Crystal	34	32	31	30 104%:	45/	90/	225/	710/:	85%
TPIC2:Taylor Park	5.2	5.1	5.6	4.1 108%:	4/	8/	23/	85/:	86%
VCRC2:Vallecito	10.7	6.9	6.4	7.1 150%:	10/	23/	77/	190/:	98%
NVRN5:Navajo	35	22	22	41 136%:	82/	150/	265/	650/:	88%
LEMC2:Lemon	1.78	1.15	0.97	1.10 144%:	2/	5/	22/	50/:	91%
MPHC2:McPhee	4.5	3.9	4.6	6.4 128%:	22/	69/	140/	295/:	100%
RBSC2:Ridgway	5.7	4.6	4.0	4.6 128%:	7/	10/	26/	97/:	96%

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 2016 24-Month Study

Most Probable Inflow*

Fontenelle Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Mar 2015	70	1	78	0	78	6486.00	201
H	Apr 2015	87	1	102	0	103	6483.35	185
I	May 2015	223	2	104	4	108	6499.95	298
S	Jun 2015	332	3	101	229	330	6499.84	297
T	Jul 2015	126	3	91	17	108	6501.77	312
O	Aug 2015	53	2	83	1	84	6497.37	279
R	Sep 2015	37	2	0	61	61	6493.88	254
	WY 2015	**1210**	**16**	**930**	**324**	**1254**		
I	Oct 2015	46	1	46	15	61	6491.60	238
C	Nov 2015	40	1	56	1	57	6489.03	221
A	Dec 2015	36	1	58	0	58	6485.40	197
L	Jan 2016	32	1	49	10	58	6480.71	170
*	Feb 2016	34	0	55	0	55	6476.59	149
	Mar 2016	51	0	60	0	60	6474.56	140
	Apr 2016	65	1	57	0	57	6476.19	147
	May 2016	100	1	68	0	68	6482.05	178
	Jun 2016	230	2	89	0	89	6502.34	317
	Jul 2016	120	3	92	0	92	6505.52	342
	Aug 2016	52	2	82	0	82	6501.38	309
	Sep 2016	36	2	67	0	67	6496.97	277
	WY 2016	**842**	**15**	**778**	**26**	**805**		
	Oct 2016	42	1	65	0	65	6493.46	252
	Nov 2016	39	1	63	0	63	6489.68	227
	Dec 2016	32	1	65	0	65	6484.44	192
	Jan 2017	30	1	65	0	65	6478.07	157
	Feb 2017	28	0	59	0	59	6471.30	125
	Mar 2017	53	0	65	0	65	6468.15	111
	Apr 2017	85	1	64	0	64	6472.93	132
	May 2017	164	1	99	24	123	6480.84	172
	Jun 2017	299	2	103	64	167	6500.40	302
	Jul 2017	178	3	101	35	135	6505.47	341
	Aug 2017	77	2	100	4	105	6501.61	311
	Sep 2017	46	2	74	0	74	6497.64	281
	WY 2017	**1072**	**15**	**925**	**127**	**1052**		
	Oct 2017	49	1	68	0	68	6494.84	261
	Nov 2017	42	1	65	0	65	6491.38	237
	Dec 2017	32	1	68	0	68	6485.80	201
	Jan 2018	30	1	68	0	68	6479.30	163
	Feb 2018	28	0	61	0	61	6472.29	129

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3005

Processed On: 3/10/2016 1:54:42PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 2016 24-Month Study

Most Probable Inflow*

Flaming Gorge Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	Mar 2015	77	85	3	124	0	124	127	6025.15	3166	219
H	Apr 2015	112	127	5	73	0	73	129	6026.41	3213	252
I	May 2015	333	218	8	169	57	226	129	6026.01	3198	652
S	Jun 2015	434	432	11	100	0	100	141	6034.01	3506	485
T	Jul 2015	157	140	14	104	0	104	142	6034.55	3528	195
O	Aug 2015	56	87	13	104	0	104	141	6033.81	3498	130
R	Sep 2015	39	62	11	100	1	101	139	6032.59	3450	127
	WY 2015	**1562**	**1606**	**82**	**1293**	**58**	**1352**				**2856**
I	Oct 2015	48	63	7	131	0	131	136	6030.73	3377	162
C	Nov 2015	38	55	4	131	0	131	133	6028.73	3300	176
A	Dec 2015	38	61	2	137	0	137	130	6026.75	3225	175
L	Jan 2016	44	71	2	134	0	134	127	6025.07	3163	211
*	Feb 2016	63	84	2	118	0	118	126	6024.11	3127	165
	Mar 2016	102	111	3	50	0	50	128	6025.63	3184	132
	Apr 2016	105	97	5	48	0	48	130	6026.77	3226	238
	May 2016	160	128	8	95	0	95	131	6027.40	3250	495
	Jun 2016	265	124	10	164	0	164	129	6026.12	3202	539
	Jul 2016	130	102	13	80	0	80	129	6026.35	3210	145
	Aug 2016	65	95	12	80	0	80	129	6026.42	3213	97
	Sep 2016	43	74	11	77	0	77	129	6026.06	3199	88
	WY 2016	**1101**	**1064**	**79**	**1245**	**0**	**1245**				**2622**
	Oct 2016	50	74	7	80	0	80	128	6025.73	3187	103
	Nov 2016	47	72	3	77	0	77	128	6025.49	3178	105
	Dec 2016	35	68	2	80	0	80	127	6025.15	3166	105
	Jan 2017	40	76	2	80	0	80	127	6024.99	3160	105
	Feb 2017	45	76	2	72	0	72	127	6025.03	3161	100
	Mar 2017	102	115	3	80	0	80	128	6025.87	3192	157
	Apr 2017	134	112	5	77	0	77	130	6026.64	3221	293
	May 2017	245	204	8	126	0	126	132	6028.43	3289	658
	Jun 2017	390	257	10	202	0	202	134	6029.55	3332	623
	Jul 2017	210	168	14	108	0	108	136	6030.71	3376	208
	Aug 2017	89	117	13	108	0	108	136	6030.61	3373	133
	Sep 2017	55	83	11	104	0	104	134	6029.81	3342	123
	WY 2017	**1442**	**1422**	**80**	**1195**	**0**	**1195**				**2712**
	Oct 2017	59	78	7	108	0	108	133	6028.88	3306	140
	Nov 2017	51	74	3	104	0	104	132	6028.05	3274	136
	Dec 2017	35	71	2	108	0	108	130	6027.06	3237	133
	Jan 2018	40	78	2	108	0	108	129	6026.25	3206	133
	Feb 2018	45	78	2	97	0	97	128	6025.69	3186	125

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3005

Processed On: 3/10/2016 1:54:42PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 2016 24-Month Study

Most Probable Inflow*

Taylor Park Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Mar 2015	7	6	9315.31	79
H	Apr 2015	9	6	9317.32	82
I	May 2015	19	10	9321.95	91
S	Jun 2015	62	50	9328.14	102
T	Jul 2015	21	28	9324.75	96
O	Aug 2015	9	22	9317.56	83
R	Sep 2015	7	18	9311.10	72
	WY 2015	**166**	**171**		
I	Oct 2015	7	8	9310.71	71
C	Nov 2015	5	6	9310.40	71
A	Dec 2015	5	6	9309.95	70
L	Jan 2016	6	6	9309.87	70
*	Feb 2016	4	5	9309.07	68
	Mar 2016	4	6	9307.78	66
	Apr 2016	8	6	9309.07	68
	May 2016	23	10	9316.91	81
	Jun 2016	38	19	9327.11	100
	Jul 2016	16	20	9325.06	96
	Aug 2016	8	20	9318.61	84
	Sep 2016	7	16	9313.40	75
	WY 2016	**131**	**127**		
	Oct 2016	6	12	9309.98	70
	Nov 2016	5	6	9309.36	69
	Dec 2016	5	6	9308.52	68
	Jan 2017	4	6	9307.45	66
	Feb 2017	4	6	9306.00	64
	Mar 2017	4	6	9304.95	62
	Apr 2017	9	6	9306.79	65
	May 2017	28	12	9316.78	81
	Jun 2017	42	22	9327.36	101
	Jul 2017	20	22	9326.41	99
	Aug 2017	10	20	9321.32	89
	Sep 2017	7	16	9316.51	81
	WY 2017	**145**	**140**		
	Oct 2017	7	12	9313.37	75
	Nov 2017	5	6	9312.84	74
	Dec 2017	5	6	9312.03	73
	Jan 2018	4	6	9311.02	72
	Feb 2018	4	6	9309.64	69

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3005

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 2016 24-Month Study

Most Probable Inflow*

Blue Mesa Reservoir

	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Mar 2015	54	53	0	26	0	26	7488.96	573
H	Apr 2015	73	70	1	45	0	45	7492.04	597
I	May 2015	136	128	1	71	0	71	7498.96	653
S	Jun 2015	368	356	1	125	62	192	7517.76	815
T	Jul 2015	131	137	2	135	10	145	7516.74	806
O	Aug 2015	59	73	1	105	0	105	7512.97	772
R	Sep 2015	39	50	1	95	0	95	7507.65	726
	WY 2015	**1042**	**1047**	**9**	**835**	**72**	**912**		
I	Oct 2015	33	34	1	87	0	87	7501.39	673
C	Nov 2015	30	31	0	45	0	45	7499.64	658
A	Dec 2015	27	28	0	62	0	62	7495.46	624
L	Jan 2016	27	27	0	61	0	61	7491.12	590
*	Feb 2016	26	27	0	59	0	58	7487.04	559
	Mar 2016	36	38	0	33	0	33	7487.64	563
	Apr 2016	70	68	1	45	0	45	7490.52	585
	May 2016	180	167	1	204	26	230	7482.09	521
	Jun 2016	240	221	1	74	0	74	7500.69	667
	Jul 2016	90	94	1	95	0	95	7500.40	665
	Aug 2016	47	59	1	105	0	105	7494.59	618
	Sep 2016	37	46	1	94	0	94	7488.35	569
	WY 2016	**844**	**840**	**8**	**963**	**26**	**989**		
	Oct 2016	38	43	0	53	0	53	7487.00	558
	Nov 2016	31	32	0	23	0	23	7488.12	567
	Dec 2016	26	27	0	43	0	43	7486.00	551
	Jan 2017	24	26	0	75	0	75	7479.37	501
	Feb 2017	22	25	0	46	0	46	7476.35	480
	Mar 2017	36	38	0	32	0	32	7477.08	485
	Apr 2017	77	74	1	42	0	42	7481.45	517
	May 2017	221	205	1	141	0	141	7489.75	579
	Jun 2017	261	241	1	60	0	60	7511.59	760
	Jul 2017	117	119	2	107	0	107	7512.75	770
	Aug 2017	63	73	1	107	0	107	7508.73	735
	Sep 2017	38	47	1	105	0	105	7501.72	676
	WY 2017	**954**	**949**	**8**	**834**	**0**	**834**		
	Oct 2017	38	44	1	58	0	58	7499.91	661
	Nov 2017	31	32	0	29	0	29	7500.25	663
	Dec 2017	26	27	0	111	0	111	7489.67	579
	Jan 2018	24	26	0	75	0	75	7483.20	530
	Feb 2018	22	25	0	46	0	46	7480.27	508

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3005

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 2016 24-Month Study

Most Probable Inflow*

Morrow Point Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Mar 2015	56	26	3	29	28	0	28	7151.69	110
H	Apr 2015	79	45	6	50	51	0	51	7150.61	110
I	May 2015	151	71	15	86	84	0	84	7153.24	112
S	Jun 2015	388	192	20	212	188	0	211	7154.42	113
T	Jul 2015	135	145	3	148	148	0	148	7154.93	113
O	Aug 2015	60	105	0	105	106	0	106	7153.74	112
R	Sep 2015	39	95	0	95	103	0	103	7143.98	104
	WY 2015	**1095**	**912**	**53**	**965**	**926**	**0**	**972**		
I	Oct 2015	34	87	0	87	93	0	93	7135.56	98
C	Nov 2015	31	45	1	46	47	0	47	7133.97	97
A	Dec 2015	28	62	1	62	46	0	47	7154.01	112
L	Jan 2016	27	61	1	62	64	0	64	7150.69	110
*	Feb 2016	27	58	1	60	61	0	61	7148.82	108
	Mar 2016	39	33	3	36	32	0	32	7153.73	112
	Apr 2016	80	45	10	55	55	0	55	7153.73	112
	May 2016	200	230	20	250	250	0	250	7153.73	112
	Jun 2016	255	74	15	89	89	0	89	7153.73	112
	Jul 2016	95	95	5	100	100	0	100	7153.73	112
	Aug 2016	51	105	4	109	109	0	109	7153.73	112
	Sep 2016	40	94	3	97	97	0	97	7153.73	112
	WY 2016	**907**	**989**	**64**	**1052**	**1044**	**0**	**1045**		
	Oct 2016	40	53	3	56	56	0	56	7153.73	112
	Nov 2016	33	23	2	25	25	0	25	7153.73	112
	Dec 2016	28	43	2	45	45	0	45	7153.73	112
	Jan 2017	27	75	2	77	77	0	77	7153.73	112
	Feb 2017	25	46	3	49	49	0	49	7153.73	112
	Mar 2017	40	32	4	36	36	0	36	7153.73	112
	Apr 2017	88	42	11	53	53	0	53	7153.73	112
	May 2017	247	141	26	167	167	0	167	7153.73	112
	Jun 2017	281	60	20	80	80	0	80	7153.73	112
	Jul 2017	123	107	6	113	113	0	113	7153.73	112
	Aug 2017	67	107	3	110	110	0	110	7153.73	112
	Sep 2017	41	105	3	108	108	0	108	7153.73	112
	WY 2017	**1040**	**834**	**85**	**919**	**919**	**0**	**919**		
	Oct 2017	41	58	3	61	61	0	61	7153.73	112
	Nov 2017	33	29	2	31	31	0	31	7153.73	112
	Dec 2017	28	111	2	113	113	0	113	7153.73	112
	Jan 2018	27	75	2	77	77	0	77	7153.73	112
	Feb 2018	25	46	3	49	49	0	49	7153.73	112

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 2016 24-Month Study

Most Probable Inflow*

Crystal Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
*	Mar 2015	63	28	6	35	35	0	35	6752.00	17	1	34
H	Apr 2015	85	51	7	58	58	0	58	6751.65	17	37	21
I	May 2015	164	84	13	97	90	6	96	6752.09	17	62	36
S	Jun 2015	429	211	41	253	110	78	252	6755.80	18	55	209
T	Jul 2015	143	148	9	156	114	44	158	6751.21	16	65	96
O	Aug 2015	63	106	4	110	110	0	111	6749.17	16	65	47
R	Sep 2015	42	103	3	106	96	11	107	6744.61	15	57	50
	WY 2015	**1201**	**972**	**106**	**1078**	**843**	**171**	**1078**			**393**	**709**
I	Oct 2015	37	93	3	96	0	94	94	6750.81	16	51	44
C	Nov 2015	34	47	3	50	0	50	50	6750.12	16	0	51
A	Dec 2015	32	47	4	51	40	12	52	6747.07	15	1	53
L	Jan 2016	31	64	4	68	67	0	68	6748.20	16	1	69
*	Feb 2016	30	61	3	64	63	0	63	6752.48	17	0	65
	Mar 2016	45	32	6	38	38	0	38	6753.04	17	5	33
	Apr 2016	90	55	10	65	65	0	65	6753.04	17	30	35
	May 2016	225	250	25	275	134	141	275	6753.04	17	55	220
	Jun 2016	290	89	35	124	124	0	124	6753.04	17	60	64
	Jul 2016	105	100	10	110	110	0	110	6753.04	17	65	45
	Aug 2016	56	109	5	114	114	0	114	6753.04	17	65	49
	Sep 2016	46	97	6	103	103	0	103	6753.04	17	55	48
	WY 2016	**1021**	**1045**	**113**	**1158**	**859**	**297**	**1156**			**389**	**777**
	Oct 2016	46	56	6	62	62	0	62	6753.04	17	30	32
	Nov 2016	38	25	5	30	30	0	30	6753.04	17	0	30
	Dec 2016	32	45	5	50	50	0	50	6753.04	17	0	50
	Jan 2017	31	77	5	82	82	0	82	6753.04	17	0	82
	Feb 2017	29	49	4	52	52	0	52	6753.04	17	0	52
	Mar 2017	46	36	6	42	42	0	42	6753.04	17	5	37
	Apr 2017	101	53	12	66	66	0	66	6753.04	17	30	36
	May 2017	281	167	34	201	134	67	201	6753.04	17	55	146
	Jun 2017	315	80	34	113	113	0	113	6753.04	17	60	53
	Jul 2017	138	113	14	128	128	0	128	6753.04	17	65	63
	Aug 2017	75	110	8	119	119	0	119	6753.04	17	65	54
	Sep 2017	47	108	6	114	114	0	114	6753.04	17	55	59
	WY 2017	**1179**	**919**	**140**	**1059**	**992**	**67**	**1059**			**365**	**694**
	Oct 2017	47	61	6	67	67	0	67	6753.04	17	30	37
	Nov 2017	38	31	5	36	36	0	36	6753.04	17	0	36
	Dec 2017	32	113	5	118	118	0	118	6753.04	17	0	118
	Jan 2018	31	77	5	82	82	0	82	6753.04	17	0	82
	Feb 2018	29	49	4	52	52	0	52	6753.04	17	0	52

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3005

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 2016 24-Month Study

Most Probable Inflow*

Vallecito Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Mar 2015	13	12	7655.67	101
H	Apr 2015	19	11	7658.49	108
I	May 2015	43	31	7662.94	120
S	Jun 2015	106	103	7664.05	123
T	Jul 2015	37	42	7661.73	117
O	Aug 2015	13	35	7652.83	94
R	Sep 2015	11	29	7645.08	75
	WY 2015	**294**	**285**		
I	Oct 2015	17	15	7645.65	77
C	Nov 2015	11	5	7648.25	83
A	Dec 2015	7	4	7649.57	86
L	Jan 2016	6	7	7649.21	85
*	Feb 2016	7	6	7649.77	86
	Mar 2016	10	8	7650.42	88
	Apr 2016	23	21	7651.02	89
	May 2016	77	43	7664.11	123
	Jun 2016	66	66	7664.01	123
	Jul 2016	24	41	7657.14	105
	Aug 2016	17	38	7648.57	84
	Sep 2016	14	29	7641.71	68
	WY 2016	**279**	**283**		
	Oct 2016	14	17	7640.26	65
	Nov 2016	8	4	7642.35	69
	Dec 2016	6	4	7643.52	72
	Jan 2017	5	4	7644.24	74
	Feb 2017	5	3	7644.83	75
	Mar 2017	9	4	7646.88	80
	Apr 2017	23	4	7654.91	99
	May 2017	71	47	7664.10	123
	Jun 2017	70	70	7664.10	123
	Jul 2017	29	42	7659.14	110
	Aug 2017	20	38	7651.82	91
	Sep 2017	17	30	7646.57	79
	WY 2017	**278**	**264**		
	Oct 2017	16	17	7645.81	77
	Nov 2017	9	4	7648.00	82
	Dec 2017	6	4	7649.09	85
	Jan 2018	5	4	7649.77	86
	Feb 2018	5	3	7650.31	88

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 2016 24-Month Study

Most Probable Inflow*

Navajo Reservoir

	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azetea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Farmington Flow (1000 Ac-Ft)
*	Mar 2015	86	7	79	1	3	20	6043.43	1150	56
H	Apr 2015	80	8	63	2	20	21	6045.22	1170	38
I	May 2015	178	24	144	3	23	21	6053.44	1267	93
S	Jun 2015	285	38	241	4	20	22	6068.60	1461	254
T	Jul 2015	76	9	71	5	39	27	6068.68	1462	90
O	Aug 2015	15	1	36	4	33	42	6065.47	1419	70
R	Sep 2015	15	0	33	3	25	33	6063.41	1392	66
	WY 2015	**900**	**90**	**797**	**27**	**170**	**289**			**903**
I	Oct 2015	40	1	38	2	9	27	6063.43	1392	
C	Nov 2015	35	1	28	1	0	19	6064.00	1400	
A	Dec 2015	22	0	19	1	0	20	6063.81	1397	
L	Jan 2016	22	0	23	1	0	22	6063.77	1396	
*	Feb 2016	42	2	39	1	1	28	6064.39	1405	
	Mar 2016	82	5	75	2	5	22	6067.84	1451	45
	Apr 2016	150	15	133	3	20	21	6074.27	1541	71
	May 2016	265	42	189	4	33	215	6069.79	1478	365
	Jun 2016	195	34	161	4	49	260	6058.23	1325	397
	Jul 2016	40	6	51	4	52	30	6055.38	1290	83
	Aug 2016	33	1	53	3	44	25	6053.78	1271	58
	Sep 2016	33	1	47	3	24	24	6053.56	1268	52
	WY 2016	**960**	**108**	**857**	**28**	**239**	**714**			**1070**
	Oct 2016	40	1	41	2	8	25	6054.09	1274	50
	Nov 2016	31	1	26	1	0	24	6054.18	1275	41
	Dec 2016	25	0	22	1	0	25	6053.94	1273	40
	Jan 2017	22	0	20	1	0	25	6053.53	1268	38
	Feb 2017	30	0	29	1	0	22	6054.00	1273	35
	Mar 2017	92	2	85	2	5	25	6058.39	1328	47
	Apr 2017	170	15	136	3	20	24	6065.29	1417	76
	May 2017	277	41	212	4	34	97	6070.91	1493	243
	Jun 2017	224	33	190	5	50	161	6069.02	1467	313
	Jul 2017	66	7	71	5	55	31	6067.61	1448	99
	Aug 2017	45	2	62	4	46	43	6065.27	1416	82
	Sep 2017	43	1	55	3	26	56	6063.03	1387	88
	WY 2017	**1065**	**103**	**948**	**28**	**245**	**556**			**1151**
	Oct 2017	47	2	47	2	9	26	6063.75	1396	54
	Nov 2017	34	1	28	1	0	24	6063.96	1399	42
	Dec 2017	25	0	22	1	0	25	6063.73	1396	40
	Jan 2018	22	0	20	1	0	25	6063.35	1391	38
	Feb 2018	30	0	29	1	0	22	6063.78	1397	35

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 2016 24-Month Study

Most Probable Inflow*

Lake Powell

	Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry Gage (1000 Ac-Ft)
*	Mar 2015	552	543	14	649	0	649	3591.02	4927	10913	656
H	Apr 2015	639	539	21	600	0	600	3590.18	4921	10837	610
I	May 2015	1613	1431	25	699	0	699	3597.27	4973	11491	708
S	Jun 2015	3389	2570	44	800	0	800	3613.54	5101	13090	801
T	Jul 2015	1072	1002	55	1048	0	1048	3612.62	5093	12996	1076
O	Aug 2015	313	466	54	799	0	799	3609.07	5065	12637	814
R	Sep 2015	276	435	49	714	0	714	3606.01	5040	12333	726
	WY 2015	**10174**	**9419**	**368**	**8868**	**132**	**9000**				**9136**
I	Oct 2015	535	680	34	600	0	600	3606.44	5044	12375	609
C	Nov 2015	421	506	32	577	0	577	3605.47	5036	12280	583
A	Dec 2015	266	393	26	857	0	857	3600.80	5000	11827	863
L	Jan 2016	300	433	8	857	0	857	3596.58	4968	11427	865
*	Feb 2016	396	490	8	700	0	700	3594.41	4952	11224	704
	Mar 2016	700	591	14	693	0	693	3593.25	4943	11117	698
	Apr 2016	850	673	22	665	0	665	3593.11	4942	11105	674
	May 2016	1900	1911	27	700	0	700	3604.67	5030	12201	708
	Jun 2016	2150	2031	45	800	0	800	3615.57	5118	13299	807
	Jul 2016	800	803	55	950	0	950	3613.75	5103	13112	966
	Aug 2016	380	490	54	900	0	900	3609.51	5068	12681	915
	Sep 2016	320	427	49	700	0	700	3606.52	5044	12383	713
	WY 2016	**9019**	**9427**	**373**	**9000**	**0**	**9000**				**9106**
	Oct 2016	438	478	34	600	0	600	3605.06	5033	12239	609
	Nov 2016	439	454	32	600	0	600	3603.37	5020	12075	604
	Dec 2016	363	425	25	800	0	800	3599.51	4990	11704	803
	Jan 2017	361	454	8	800	0	800	3596.04	4964	11376	807
	Feb 2017	393	436	8	650	0	650	3593.83	4947	11171	654
	Mar 2017	665	578	14	650	0	650	3592.98	4941	11092	655
	Apr 2017	1056	853	22	600	0	600	3595.29	4958	11306	609
	May 2017	2343	2039	27	650	0	650	3608.37	5059	12567	658
	Jun 2017	2666	2298	46	800	0	800	3621.39	5167	13911	807
	Jul 2017	1091	1005	58	1000	0	1000	3620.94	5163	13863	1016
	Aug 2017	500	608	57	1050	0	1050	3616.55	5126	13401	1065
	Sep 2017	408	563	51	800	0	800	3613.97	5104	13134	813
	WY 2017	**10723**	**10193**	**382**	**9000**	**0**	**9000**				**9102**
	Oct 2017	512	571	35	600	0	600	3613.38	5100	13074	609
	Nov 2017	473	515	34	600	0	600	3612.30	5091	12964	604
	Dec 2017	363	521	27	800	0	800	3609.50	5068	12680	803
	Jan 2018	361	482	8	800	0	800	3606.47	5044	12378	807
	Feb 2018	393	461	9	650	0	650	3604.61	5029	12195	654

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 2016 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Glen Release (1000 Ac-Ft)	Side Inflow Glen to Hoover (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Mar 2015	649	57	31	1034	16.8	14	1033	677	1084.87	10419
H	Apr 2015	600	26	38	1087	18.3	20	1086	646	1079.03	9931
I	May 2015	699	25	43	871	14.2	25	862	632	1076.57	9729
S	Jun 2015	800	16	52	868	14.6	25	868	624	1075.08	9607
T	Jul 2015	1048	80	65	767	12.5	28	766	641	1078.15	9858
O	Aug 2015	799	114	70	803	13.1	27	802	642	1078.31	9871
R	Sep 2015	714	72	58	723	12.1	24	722	641	1078.10	9854
	WY 2015	**9000**	**722**	**540**	**9246**		**221**	**9215**			
I	Oct 2015	600	118	42	578	9.4	20	577	645	1078.99	9927
C	Nov 2015	577	41	42	631	10.6	12	630	641	1078.23	9865
A	Dec 2015	857	43	36	619	10.1	9	618	656	1080.91	10087
L	Jan 2016	857	90	30	662	10.8	8	661	671	1083.68	10318
*	Feb 2016	700	81	28	699	12.2	10	698	673	1084.17	10360
	Mar 2016	693	55	31	1025	16.7	14	1025	654	1080.56	10057
	Apr 2016	665	53	38	1116	18.7	20	1116	626	1075.36	9630
	May 2016	700	37	43	1012	16.5	29	1012	605	1071.32	9305
	Jun 2016	800	21	51	886	14.9	27	886	596	1069.64	9171
	Jul 2016	950	78	64	842	13.7	27	842	602	1070.76	9260
	Aug 2016	900	124	68	754	12.3	24	754	613	1072.85	9427
	Sep 2016	700	112	56	741	12.5	19	741	613	1072.80	9423
	WY 2016	**9000**	**853**	**529**	**9564**		**219**	**9560**			
	Oct 2016	600	69	41	528	8.6	21	528	617	1073.72	9497
	Nov 2016	600	56	41	578	9.7	12	578	619	1074.01	9520
	Dec 2016	800	54	36	529	8.6	7	529	636	1077.26	9785
	Jan 2017	800	62	30	727	11.8	8	727	642	1078.37	9876
	Feb 2017	650	73	27	727	13.1	7	727	640	1077.93	9840
	Mar 2017	650	55	30	1034	16.8	15	1034	617	1073.62	9489
	Apr 2017	600	53	37	1097	18.4	21	1097	586	1067.72	9019
	May 2017	650	37	41	990	16.1	29	990	563	1063.22	8669
	Jun 2017	800	21	49	884	14.9	29	884	555	1061.49	8536
	Jul 2017	1000	78	61	839	13.7	31	839	564	1063.28	8673
	Aug 2017	1050	124	66	759	12.4	29	759	583	1067.14	8974
	Sep 2017	800	112	55	727	12.2	16	727	590	1068.51	9081
	WY 2017	**9000**	**795**	**514**	**9420**		**224**	**9420**			
	Oct 2017	600	69	40	480	7.8	20	480	598	1070.03	9202
	Nov 2017	600	56	41	618	10.4	11	618	597	1069.88	9190
	Dec 2017	800	54	35	569	9.2	7	569	612	1072.74	9418
	Jan 2018	800	62	29	695	11.3	15	695	620	1074.16	9533
	Feb 2018	650	73	27	681	12.3	18	681	619	1074.12	9530

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3005

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 2016 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Mar 2015	1034	-21	13	963	0	963	15.7	642.78	1693
H	Apr 2015	1087	-18	17	1022	0	1022	17.2	643.88	1723
I	May 2015	871	-10	22	854	0	854	13.9	643.30	1707
S	Jun 2015	868	-19	26	810	0	810	13.6	643.81	1721
T	Jul 2015	767	-14	25	762	0	762	12.4	642.57	1687
O	Aug 2015	803	-16	23	775	0	775	12.6	642.12	1675
R	Sep 2015	723	-16	18	758	0	758	12.7	639.56	1606
	WY 2015	**9246**	**-142**	**198**	**8945**	**0**	**8945**			
I	Oct 2015	578	-7	15	655	0	655	10.7	635.80	1507
C	Nov 2015	631	-14	10	599	0	599	10.1	636.11	1514
A	Dec 2015	619	-13	9	527	0	527	8.6	638.77	1585
L	Jan 2016	662	-32	10	553	0	553	9.0	641.26	1651
*	Feb 2016	699	-20	10	675	0	675	11.7	641.04	1645
	Mar 2016	1025	-16	13	957	0	957	15.6	642.50	1685
	Apr 2016	1116	-19	17	1066	0	1066	17.9	643.00	1699
	May 2016	1012	-13	22	976	0	976	15.9	643.00	1699
	Jun 2016	886	-16	25	872	0	872	14.6	642.00	1671
	Jul 2016	842	-13	25	817	0	817	13.3	641.50	1658
	Aug 2016	754	-11	23	720	0	720	11.7	641.50	1658
	Sep 2016	741	-9	18	755	0	755	12.7	640.01	1617
	WY 2016	**9564**	**-184**	**197**	**9172**	**0**	**9172**			
	Oct 2016	528	-1	15	695	0	695	11.3	633.00	1434
	Nov 2016	578	-8	10	509	0	509	8.6	635.00	1486
	Dec 2016	529	-12	9	411	0	411	6.7	638.71	1583
	Jan 2017	727	-14	10	621	0	621	10.1	641.80	1666
	Feb 2017	727	-14	10	704	0	704	12.7	641.80	1666
	Mar 2017	1034	-16	13	971	0	971	15.8	643.05	1700
	Apr 2017	1097	-19	17	1062	0	1062	17.8	643.00	1699
	May 2017	990	-13	22	955	0	955	15.5	643.00	1699
	Jun 2017	884	-16	25	869	0	869	14.6	642.00	1671
	Jul 2017	839	-13	25	814	0	814	13.2	641.50	1658
	Aug 2017	759	-11	23	726	0	726	11.8	641.50	1658
	Sep 2017	727	-9	18	740	0	740	12.4	640.01	1617
	WY 2017	**9420**	**-146**	**197**	**9077**	**0**	**9077**			
	Oct 2017	480	-1	15	647	0	647	10.5	633.00	1434
	Nov 2017	618	-8	10	548	0	548	9.2	635.00	1486
	Dec 2017	569	-12	9	450	0	450	7.3	638.71	1583
	Jan 2018	695	-14	10	588	0	588	9.6	641.80	1666
	Feb 2018	681	-14	10	658	0	658	11.8	641.80	1666

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 2016 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	Mar 2015	963	3	9	707	11.5	86	146	447.89	578	219	3.6
H	Apr 2015	1022	13	11	752	12.6	104	154	448.09	582	210	3.5
I	May 2015	854	21	13	559	9.1	108	177	448.50	590	113	1.8
S	Jun 2015	810	19	16	615	10.3	104	77	448.89	597	109	1.8
T	Jul 2015	762	18	17	592	9.6	107	70	447.99	580	107	1.7
O	Aug 2015	775	16	17	580	9.4	107	70	448.30	586	93	1.5
R	Sep 2015	758	19	15	487	8.2	104	168	448.04	581	90	1.5
	WY 2015	**8945**	**179**	**140**	**6135**		**1195**	**1566**			**1510**	
I	Oct 2015	655	34	12	458	7.5	101	115	447.88	578	59	1.0
C	Nov 2015	599	11	9	385	6.5	98	120	447.57	572	93	1.6
A	Dec 2015	527	22	7	321	5.2	101	130	446.92	560	105	1.7
L	Jan 2016	553	26	6	324	5.3	97	156	446.60	554	154	2.5
*	Feb 2016	675	10	8	543	9.4	13	117	446.50	552	180	3.1
	Mar 2016	957	4	9	715	11.6	100	111	447.50	570	219	3.6
	Apr 2016	1066	19	11	783	13.2	96	175	448.00	580	202	3.4
	May 2016	976	16	13	675	11.0	99	180	448.70	593	97	1.6
	Jun 2016	872	14	16	682	11.5	96	78	448.70	593	89	1.5
	Jul 2016	817	29	17	660	10.7	99	70	448.00	580	92	1.5
	Aug 2016	720	26	17	556	9.0	99	70	447.50	571	94	1.5
	Sep 2016	755	23	15	517	8.7	96	140	447.50	570	89	1.5
	WY 2016	**9172**	**235**	**140**	**6618**		**1094**	**1462**			**1474**	
	Oct 2016	695	27	12	469	7.6	99	135	447.50	571	65	1.1
	Nov 2016	509	22	9	374	6.3	29	112	447.50	571	103	1.7
	Dec 2016	411	19	7	288	4.7	32	117	446.50	552	115	1.9
	Jan 2017	621	13	6	388	6.3	80	154	446.50	552	154	2.5
	Feb 2017	704	12	8	486	8.7	71	143	446.50	552	180	3.2
	Mar 2017	971	4	9	725	11.8	80	150	446.70	555	206	3.4
	Apr 2017	1062	19	11	762	12.8	77	182	448.70	593	192	3.2
	May 2017	955	16	13	676	11.0	80	189	448.70	593	97	1.6
	Jun 2017	869	14	16	690	11.6	77	86	448.70	593	98	1.6
	Jul 2017	814	29	17	656	10.7	80	90	448.00	580	99	1.6
	Aug 2017	726	26	17	559	9.1	80	91	447.50	571	99	1.6
	Sep 2017	740	23	15	508	8.5	77	153	447.50	570	89	1.5
	WY 2017	**9077**	**224**	**139**	**6581**		**866**	**1602**			**1497**	
	Oct 2017	647	27	12	467	7.6	80	108	447.50	571	68	1.1
	Nov 2017	548	22	9	370	6.2	77	108	447.50	571	103	1.7
	Dec 2017	450	19	7	288	4.7	80	108	446.50	552	115	1.9
	Jan 2018	588	13	6	379	6.2	91	120	446.50	552	150	2.4
	Feb 2018	658	12	8	483	8.7	48	123	446.50	552	175	3.1

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 2016 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Mar 2015	1034	16.8	1084.87	10419	-350	440.21	952.0	412.2	60	398.7
H	Apr 2015	1087	18.3	1079.03	9931	-488	430.55	1217.0	427.4	76	393.2
I	May 2015	871	14.2	1076.57	9729	-202	432.58	1165.0	337.2	74	387.2
S	Jun 2015	868	14.6	1075.08	9607	-121	427.78	1573.0	332.0	100	382.4
T	Jul 2015	767	12.5	1078.15	9858	251	432.42	1455.0	292.7	94	381.4
O	Aug 2015	803	13.1	1078.31	9871	13	434.75	1451.0	307.8	93	383.4
R	Sep 2015	723	12.1	1078.10	9854	-17	435.36	1563.0	275.2	100	380.7
	WY 2015	**9246**							**3596.9**		
I	Oct 2015	578	9.4	1078.99	9927	73	435.13	1088.0	221.8	70	383.6
C	Nov 2015	631	10.6	1078.23	9865	-63	433.49	1088.0	244.8	70	387.9
A	Dec 2015	619	10.1	1080.91	10087	222	434.77	1069.0	241.9	68	390.9
L	Jan 2016	662	10.8	1083.68	10318	232	438.04	775.0	258.5	49	390.7
*	Feb 2016	699	12.2	1084.17	10360	41	437.39	880.0	277.0	55	396.1
	Mar 2016	1025	16.7	1080.56	10057	-302	433.84	973.0	412.0	61	401.9
	Apr 2016	1116	18.7	1075.36	9630	-427	426.76	1244.0	438.4	80	393.0
	May 2016	1012	16.5	1071.32	9305	-325	420.88	1389.0	381.8	91	377.4
	Jun 2016	886	14.9	1069.64	9171	-134	417.42	1516.0	331.7	100	374.4
	Jul 2016	842	13.7	1070.76	9260	89	417.63	1521.0	319.2	100	379.1
	Aug 2016	754	12.3	1072.85	9427	167	419.38	1532.0	283.6	100	376.2
	Sep 2016	741	12.5	1072.80	9423	-4	420.87	1532.0	280.3	100	378.2
	WY 2016	**9564**							**3691.0**		
	Oct 2016	528	8.6	1073.72	9497	74	425.99	1166.0	197.3	76	373.7
	Nov 2016	578	9.7	1074.01	9520	23	429.02	1144.0	221.3	74	382.9
	Dec 2016	529	8.6	1077.26	9785	265	430.77	891.0	202.1	57	381.7
	Jan 2017	727	11.8	1078.37	9876	91	430.06	991.0	284.3	63	390.8
	Feb 2017	727	13.1	1077.93	9840	-36	430.81	782.0	292.5	50	402.1
	Mar 2017	1034	16.8	1073.62	9489	-351	427.40	862.0	413.3	56	399.9
	Apr 2017	1097	18.4	1067.72	9019	-470	417.96	1407.0	416.8	93	380.0
	May 2017	990	16.1	1063.22	8669	-351	412.82	1383.0	364.5	93	368.1
	Jun 2017	884	14.9	1061.49	8536	-133	409.37	1471.0	324.0	100	366.7
	Jul 2017	839	13.7	1063.28	8673	137	409.89	1480.0	312.0	100	371.7
	Aug 2017	759	12.4	1067.14	8974	301	412.85	1493.8	281.4	100	370.6
	Sep 2017	727	12.2	1068.51	9081	107	415.92	1501.4	271.1	100	372.9
	WY 2017	**9420**							**3580.7**		
	Oct 2017	480	7.8	1070.03	9202	120	422.02	1146.3	181.7	76	378.4
	Nov 2017	618	10.4	1069.88	9190	-12	425.14	1124.0	236.4	74	382.8
	Dec 2017	569	9.2	1072.74	9418	228	426.47	872.9	217.3	57	382.2
	Jan 2018	695	11.3	1074.16	9533	115	425.73	971.0	267.3	63	384.7
	Feb 2018	681	12.3	1074.12	9530	-3	426.82	767.6	269.3	50	395.2

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3005

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 2016 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Mar 2015	963	15.7	642.78	1693	37	139.75	229.5	123.2	90	128.0
H	Apr 2015	1022	17.2	643.88	1723	30	141.00	255.0	129.5	100	126.8
I	May 2015	854	13.9	643.30	1707	-16	141.92	252.5	110.0	99	128.8
S	Jun 2015	810	13.6	643.81	1721	14	144.85	255.0	104.6	100	129.1
T	Jul 2015	762	12.4	642.57	1687	-34	140.97	255.0	98.4	100	129.1
O	Aug 2015	775	12.6	642.12	1675	-12	142.40	255.0	99.2	100	127.9
R	Sep 2015	758	12.7	639.56	1606	-69	137.76	255.0	95.5	100	126.0
	WY 2015	**8945**							**1122.4**		
I	Oct 2015	655	10.7	635.80	1507	-99	136.05	211.7	81.6	83	124.5
C	Nov 2015	599	10.1	636.11	1514	8	136.53	165.8	72.5	65	121.0
A	Dec 2015	527	8.6	638.77	1585	70	135.98	155.6	65.1	61	123.6
L	Jan 2016	553	9.0	641.26	1651	67	141.86	163.2	71.9	64	129.9
*	Feb 2016	675	11.7	641.04	1645	-6		178.5	86.3	70	127.8
	Mar 2016	957	15.6	642.50	1685	40	135.83	216.8	118.7	85	124.0
	Apr 2016	1066	17.9	643.00	1699	14	135.78	255.0	132.4	100	124.2
	May 2016	976	15.9	643.00	1699	0	136.04	255.0	122.0	100	125.0
	Jun 2016	872	14.6	642.00	1671	-27	135.51	255.0	108.9	100	124.9
	Jul 2016	817	13.3	641.50	1658	-14	134.73	255.0	101.9	100	124.7
	Aug 2016	720	11.7	641.50	1658	0	134.46	255.0	90.0	100	125.0
	Sep 2016	755	12.7	640.01	1617	-40	133.68	255.0	93.6	100	124.0
	WY 2016	**9172**							**1144.8**		
	Oct 2016	695	11.3	633.00	1434	-183	129.77	234.6	83.9	92	120.7
	Nov 2016	509	8.6	635.00	1486	51	128.06	204.0	60.8	80	119.4
	Dec 2016	411	6.7	638.71	1583	97	130.45	224.4	50.5	88	122.8
	Jan 2017	621	10.1	641.80	1666	83	135.03	191.3	77.2	75	124.5
	Feb 2017	704	12.7	641.80	1666	0	137.09	176.0	88.0	69	124.9
	Mar 2017	971	15.8	643.05	1700	34	135.44	255.0	120.9	100	124.5
	Apr 2017	1062	17.8	643.00	1699	-2	136.07	255.0	132.2	100	124.4
	May 2017	955	15.5	643.00	1699	0	136.04	255.0	119.4	100	125.1
	Jun 2017	869	14.6	642.00	1671	-27	135.51	255.0	108.6	100	124.9
	Jul 2017	814	13.2	641.50	1658	-14	134.73	255.0	101.6	100	124.7
	Aug 2017	726	11.8	641.50	1658	0	134.46	255.0	90.7	100	125.0
	Sep 2017	740	12.4	640.01	1617	-40	133.68	255.0	91.9	100	124.1
	WY 2017	**9077**							**1125.6**		
	Oct 2017	647	10.5	633.00	1434	-183	129.77	234.6	78.3	92	120.9
	Nov 2017	548	9.2	635.00	1486	51	128.06	204.0	65.4	80	119.2
	Dec 2017	450	7.3	638.71	1583	97	130.45	224.4	55.2	88	122.5
	Jan 2018	588	9.6	641.80	1666	83	135.03	191.3	73.3	75	124.7
	Feb 2018	658	11.8	641.80	1666	0	137.09	176.0	82.4	69	125.2

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 2016 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Mar 2015	707	11.5	447.89	578	10	79.76	108.0	49.6	90	70.2
H	Apr 2015	752	12.6	448.09	582	4	80.20	120.0	52.5	100	69.8
I	May 2015	559	9.1	448.50	590	8	81.62	112.8	39.5	94	70.7
S	Jun 2015	615	10.3	448.89	597	7	79.48	120.0	43.6	100	70.8
T	Jul 2015	592	9.6	447.99	580	-17	81.75	120.0	41.8	100	70.7
O	Aug 2015	580	9.4	448.30	586	6	82.40	120.0	40.9	100	70.4
R	Sep 2015	487	8.2	448.04	581	-5	82.23	120.0	34.6	100	71.1
	WY 2015	**6135**							**430.7**		
I	Oct 2015	458	7.5	447.88	578	-3	81.97	91.2	32.3	76	70.6
C	Nov 2015	385	6.5	447.57	572	-6	83.21	96.0	27.1	80	70.3
A	Dec 2015	321	5.2	446.92	560	-12	82.51	120.0	21.9	100	68.4
L	Jan 2016	324	5.3	446.60	554	-6	80.76	94.8	22.3	79	68.8
*	Feb 2016	528	9.4	446.50	552	-2	78.54	87.6	38.1	73	72.2
	Mar 2016	715	11.6	447.50	570	19	75.81	90.0	47.7	75	66.7
	Apr 2016	783	13.2	448.00	580	9	75.13	120.0	51.7	100	66.0
	May 2016	675	11.0	448.70	593	13	75.71	120.0	44.6	100	66.1
	Jun 2016	682	11.5	448.70	593	0	76.05	120.0	45.3	100	66.5
	Jul 2016	660	10.7	448.00	580	-13	75.71	120.0	43.6	100	66.1
	Aug 2016	556	9.0	447.50	571	-9	75.13	120.0	36.3	100	65.3
	Sep 2016	517	8.7	447.50	570	0	74.89	120.0	33.6	100	65.0
	WY 2016	**6603**							**444.6**		
	Oct 2016	469	7.6	447.50	571	0	75.74	100.8	30.7	84	65.4
	Nov 2016	374	6.3	447.50	571	0	75.92	97.2	24.3	81	65.0
	Dec 2016	288	4.7	446.50	552	-19	74.40	120.0	18.1	100	62.6
	Jan 2017	388	6.3	446.50	552	0	75.13	93.6	25.0	78	64.5
	Feb 2017	486	8.7	446.50	552	0	74.71	102.0	31.6	85	65.1
	Mar 2017	725	11.8	446.70	555	4	74.01	120.0	47.1	100	65.0
	Apr 2017	762	12.8	448.70	593	38	75.08	120.0	50.3	100	65.9
	May 2017	676	11.0	448.70	593	0	76.05	120.0	44.9	100	66.4
	Jun 2017	690	11.6	448.70	593	0	76.05	120.0	45.9	100	66.5
	Jul 2017	656	10.7	448.00	580	-13	75.71	120.0	43.4	100	66.1
	Aug 2017	559	9.1	447.50	571	-9	75.13	120.0	36.5	100	65.3
	Sep 2017	508	8.5	447.50	570	0	74.89	120.0	33.0	100	65.0
	WY 2017	**6581**							**430.7**		
	Oct 2017	467	7.6	447.50	571	0	75.74	100.8	30.5	84	65.4
	Nov 2017	370	6.2	447.50	571	0	75.92	97.2	24.0	81	64.9
	Dec 2017	288	4.7	446.50	552	-19	74.40	120.0	18.1	100	62.6
	Jan 2018	379	6.2	446.50	552	0	74.89	98.4	24.4	82	64.2
	Feb 2018	483	8.7	446.50	552	0	75.07	94.8	31.6	79	65.4

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3005

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 2016 24-Month Study

Most Probable Inflow*

Upper Basin Power

	Date	Glen Canyon 1000 MWHR	Flaming Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Reservoir 1000 MWHR	Fontenelle Reservoir 1000 MWHR
*	Mar 2015	278	48	7	9	5	6
	Winter 2015	**1827**	**250**	**72**	**83**	**46**	**37**
H	Apr 2015	256	28	13	17	11	7
I	May 2015	299	65	21	30	18	8
S	Jun 2015	348	40	38	67	21	9
T	Jul 2015	471	42	41	53	22	8
O	Aug 2015	357	42	32	38	21	7
R	Sep 2015	317	40	28	37	18	0
	Summer 2015	**2049**	**256**	**173**	**241**	**111**	**39**
I	Oct 2015	264	52	26	32	0	4
C	Nov 2015	256	52	13	15	0	4
A	Dec 2015	378	53	18	16	7	4
L	Jan 2016	373	52	17	22	13	3
*	Feb 2016	302	45	16	21	12	4
	Mar 2016	269	18	10	12	7	4
	Winter 2016	**1842**	**273**	**99**	**118**	**38**	**23**
	Apr 2016	258	17	13	20	11	4
	May 2016	275	35	60	90	23	5
	Jun 2016	322	60	22	32	21	8
	Jul 2016	386	29	29	36	19	9
	Aug 2016	363	29	32	39	20	8
	Sep 2016	280	28	28	35	18	6
	Summer 2016	**1883**	**199**	**183**	**252**	**112**	**39**
	Oct 2016	239	29	16	20	11	6
	Nov 2016	238	28	7	9	5	5
	Dec 2016	316	29	13	16	9	5
	Jan 2017	313	29	22	28	14	5
	Feb 2017	253	26	13	17	9	4
	Mar 2017	252	29	9	13	7	4
	Winter 2017	**1612**	**171**	**79**	**104**	**55**	**30**
	Apr 2017	233	28	12	19	11	4
	May 2017	257	46	41	60	23	7
	Jun 2017	325	74	18	29	20	9
	Jul 2017	412	40	33	41	22	10
	Aug 2017	430	40	33	40	20	10
	Sep 2017	325	38	32	39	20	7
	Summer 2017	**1227**	**188**	**104**	**149**	**76**	**29**
	Oct 2017	243	39	18	22	12	6
	Nov 2017	243	38	9	11	6	6
	Dec 2017	322	39	33	41	20	6
	Jan 2018	320	39	22	28	14	5
	Feb 2018	259	35	13	17	9	4

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3005

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 2016 24-Month Study

Most Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions

Date	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Total KAF	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****EFFECTIVE SPACE****										
Mar 2016	817	271	291	13098	14477	17017	31495	325	139	62	526	13098	17017	30641	1500	1025	0	29.0
Apr 2016	771	266	245	13205	14487	17320	31807	273	136	9	418	13205	17320	30942	1500	1116	0	28.7
May 2016	721	244	155	13217	14337	17747	32084	216	111	-104	223	13217	17747	31187	1500	1012	0	29.4
Jun 2016	666	308	218	12121	13313	18072	31386	151	161	-78	234	12121	18072	30427	1500	886	0	30.5
Jul 2016	576	162	371	11023	12132	18206	30338	50	-5	21	66	11023	18206	29296	1500	842	0	30.3
								****CREDITABLE SPACE****										
Aug 2016	542	165	406	11210	12323	18117	30440	542	165	406	1113	11210	18117	30440	1500	754	0	30.0
Sep 2016	571	212	425	11641	12849	17950	30799	571	212	425	1209	11641	17950	30799	2270	741	0	29.5
Oct 2016	618	261	428	11939	13246	17954	31200	618	261	428	1307	11939	17954	31200	3040	528	0	29.2
Nov 2016	655	271	422	12083	13431	17880	31311	655	271	422	1348	12083	17880	31311	3810	578	0	29.1
Dec 2016	689	263	421	12247	13620	17857	31476	689	263	421	1372	12247	17857	31476	4580	529	0	29.0
Jan 2017	736	279	423	12618	14057	17592	31649	736	279	423	1438	12618	17592	31649	5350	727	0	28.8
								****EFFECTIVE SPACE****										
Jan 2017	736	279	423	12618	14057	17592	31649	420	256	358	1035	12618	17592	31245	5350	727	0	28.8
Feb 2017	778	328	428	12946	14480	17501	31981	460	307	363	1129	12946	17501	31576	1500	727	0	28.5
Mar 2017	808	350	423	13151	14731	17537	32268	487	330	356	1174	13151	17537	31862	1500	1034	0	28.1
Apr 2017	790	345	368	13230	14733	17888	32621	465	326	295	1087	13230	17888	32204	1500	1097	0	28.1
May 2017	741	313	279	13016	14349	18358	32707	409	291	184	884	13016	18358	32258	1500	990	0	29.3
Jun 2017	634	250	203	11755	12842	18708	31550	290	211	69	570	11755	18708	31033	1500	884	0	30.8
Jul 2017	461	70	229	10411	11170	18841	30011	103	10	40	153	10411	18841	29404	1500	839	0	30.9
								****CREDITABLE SPACE****										
Aug 2017	376	60	248	10459	11143	18704	29847	376	60	248	684	10459	18704	29847	1500	759	0	30.7
Sep 2017	410	95	280	10921	11706	18403	30109	410	95	280	785	10921	18403	30109	2270	727	0	30.3
Oct 2017	471	154	309	11188	12123	18296	30418	471	154	309	934	11188	18296	30418	3040	480	0	30.1
Nov 2017	527	169	300	11248	12243	18175	30419	527	169	300	995	11248	18175	30419	3810	618	0	30.0
Dec 2017	583	166	297	11358	12404	18187	30591	583	166	297	1046	11358	18187	30591	4580	569	0	29.8
Jan 2018	656	251	300	11642	12849	17959	30808	656	251	300	1207	11642	17959	30808	5350	695	0	29.6
								****EFFECTIVE SPACE****										
Jan 2018	656	251	300	11642	12849	17959	30808	346	251	179	776	11642	17959	30377	5350	695	0	29.6
Feb 2018	725	300	305	11944	13274	17844	31117	414	300	184	897	11944	17844	30685	1500	681	0	29.4

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3005

Processed On: 3/10/2016 1:54:42PM

April 24-Month Study
Date: April 14, 2016

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

Reservoir	March Inflow (unregulated) (acre-feet)	Percent of Average (%)	April 13, Midnight Elevation (feet)	Reservoir Storage (acre-feet)
Fontenelle	50,000	97	6476.22	147,000
Flaming Gorge	84,000	78	6025.55	3,180,000
Blue Mesa	41,000	117	7487.86	565,000
Navajo	50,000	29	6068.70	1,463,000
Powell	553,000	83	3591.20	10,930,000

Expected Operations

The operation of Lake Powell and Lake Mead in this April 2016 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines) and reflects the 2016 Annual Operating Plan (AOP). Pursuant to the Interim Guidelines, the August 2015 24-Month Study projections of the January 1, 2016, system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2016.

Consistent with Section 6.B of the Interim Guidelines, the Lake Powell operational tier for water year 2016 is the Upper Elevation Balancing Tier. The April 2016 24-Month Study projects the end of water year elevation at Lake Powell to be above 3,575 feet above sea level (ft) and the end of water year elevation at Lake Mead to be below elevation 1,075.0 ft. Therefore, in accordance with Section 6.B.4 of the Interim Guidelines, Lake Powell operations will shift to "balancing releases" for the remainder of water year 2016. Under Section 6.B.4, the contents of Lake Powell and Lake Mead will be balanced by the end of the water year, but not more than 9.0 million acre-feet (maf) and not less than 8.23 maf shall be released from Lake Powell. Based on the most probable inflow forecast, this April 24-Month Study projects a balancing release of 9.0 maf in water year 2016; the actual release in water year 2016, however, will depend on hydrology in the remainder of water year and will range from 8.23 to 9.0 maf. The projected release from Lake Powell in water year 2016 will be updated each month throughout the remainder of the water year.

Consistent with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar year 2016.

The Interim Guidelines are available for download at:
http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The 2016 AOP is available for download at:
http://www.usbr.gov/lc/region/g4000/aop/AOP16.pdf.

Fontenelle Reservoir – Fontenelle Reservoir is currently at elevation 6475 ft, which amounts to 42 percent of live storage capacity. Inflows for the month of March totaled 50,000 acre-feet (af), or 95 percent of average. Recent daily inflow averages are increasing with the beginning of spring runoff and rain events with a seven-day average of 1,330 cubic feet per second (cfs).

The Colorado Basin River Forecast Center has forecasted spring inflows that are below average. April, May and June forecasted inflow volumes amount to 70,000 af (82 percent of average), 110,000 af (67 percent of average), and 250,000 af (84 percent of average), respectively. It is anticipated that releases will be maintained at a baseflow of 950 cfs until May 2016.

The next Fontenelle Working Group meeting is scheduled for 10:00 a.m., April 20, 2016. The meeting will be held at the Seedskadee Wildlife Refuge in Green River, Wyoming. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir.

Flaming Gorge Reservoir –Flaming Gorge Dam is currently releasing steady minimum releases of 800 cfs. The April unregulated inflow forecast into Flaming Gorge for the April-July period has improved and is currently at 76 percent of average. This falls under the moderately dry hydrologic condition of the Record of Decision.

It is anticipated that releases will remain at 800 cfs until the beginning of spring runoff sometime in May or June. Base flow releases are subject to observed hydrology and all projections may change.

Unregulated inflow into Flaming Gorge Reservoir during the month of March was 84,000 af, or 83 percent of average. The reservoir elevation is 6,025.5 ft and increasing.

Inflows for the next three months are projected to be below average: with April, May and June forecasted inflow volumes at 110,000 af (82 percent of average), 175,000 af (71 percent of average), and 300,000 af (77 percent of average), respectively.

The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stakeholders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations and plans presented by Reclamation

at these meetings. Meeting notes from past Working Group meetings are posted on the Working Group webpage. For more information on this group and these meetings please contact Dale Hamilton at 801-379-1186 or Heather Patno at 801-524-3883.

Reclamation will be holding the Flaming Gorge Working Group meeting on Tuesday, April 19, 2016, at 11:00 a.m. at the Utah Division of Wildlife Resources offices located at 318 North Vernal Avenue, Vernal, Utah.

Aspinall Unit Reservoirs – Crystal Dam is currently releasing 1600 cfs with 1,100 cfs being diverted through the Gunnison Tunnel and 500 cfs flowing through the Black Canyon. The April forecast for the April-July period for Blue Mesa was reduced from March to 515 kaf (76 percent of average). Under the Aspinall Record of Decision, if this forecast volume is forecasted in May, the spring operational targets would fall into the moderately dry hydrologic classification. In terms of the Black Canyon water right, the peak flow target in the Black Canyon would be 3,197 cfs.

Crystal Dam operations are anticipated to maintain Black Canyon flows of 500 cfs until May when runoff conditions are expected to peak. At that time, spring peak operations will occur to provide a peak flow in the Gunnison River to attempt to meet the spring operational targets of the Aspinall ROD and also to meet the Black Canyon water right. Unregulated inflow into Blue Mesa during the month of March were 41,000 af (117 percent of average) and the reservoir elevation is 7487.9 ft and is increasing.

Inflows to Blue Mesa for the next three months are projected to be below average: with April, May and June forecasted inflow volumes of 55,000 af (71 percent of average), 161,000 af (73 percent of average) and 215,000 af (82 percent of average), respectively.

The Aspinall Unit Working Group is an open public forum for information exchange between Reclamation and the stakeholders of the Aspinall Unit. The public is encouraged to attend and comments on the operations and plans presented by Reclamation at these meetings. Meeting notes from past working Group meetings are posted on the Working Group webpage. For more information on this group and these meetings please contact Erik Knight in the Grand Junction Area Office at (970) 248-0629.

The next meeting of the Aspinall Unit Working Group will be held on Thursday April 28th in the Grand Junction, Colorado at the Western Colorado Area Office (445 West Gunnison Avenue - Suite 221).

Navajo Reservoir – Navajo is currently releasing 350 cfs. Releases are made for the authorized purposes of the Navajo Unit, and to attempt to maintain a target base flow through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell). The San Juan River Basin Recovery Implementation Program (SJRIP) recommends a target base flow of between 500 cfs and 1,000 cfs through the critical habitat area. The target base flow is calculated as the weekly average of gaged flows throughout the critical habitat area.

Modified unregulated inflow into Navajo during the month of March was 83,316 af, which was 90 percent of average. The reservoir elevation is 6,067.4 ft and increasing. Inflows for the next three months are projected to be below average: with April, May and June forecasted inflow volumes at 120,000 af (70 percent of average), 220,000 af (79 percent of average), 160,000 af (72 percent of average), respectively. The most probable April through July forecast is for 530,000 af (72 percent of average). Under this forecast, a spring peak release of 5,000 cfs for 33 days is expected beginning in early-to-mid May. Until the spring peak release begins, Navajo is expected to release 350 cfs.

Reclamation conducts Public Operations Meetings three times per year to gather input for determining upcoming operations for Navajo Reservoir. Input from individuals, organizations, and agencies along with other factors such as weather, water rights, endangered species requirements, flood control, hydro power, recreation, fish and wildlife management, and reservoir levels, will be considered in the development of these reservoir operation plans. In addition, the meetings are used to coordinate activities and exchange information among agencies, water users, and other interested parties concerning the San Juan River and Navajo Reservoir.

The next Navajo Public Operations Meeting is scheduled for April 26th at 1pm at the Farmington Civic Center, Farmington, NM.

Glen Canyon Dam / Lake Powell

Current Status

The unregulated inflow volume to Lake Powell in March was 553 thousand acre-feet (kaf) (83 percent of average). The release volume from Glen Canyon Dam in March was 694 kaf. The end of March elevation and storage of Lake Powell were 3,592 ft (108 feet from full pool) and 11.02 maf (45% of full capacity), respectively. The reservoir elevation is near the anticipated seasonal low and will soon begin increasing as spring runoff enters the reservoir.

Current Operations

The operating tier for water year 2016 was established in August 2015 as the Upper Elevation Balancing Tier. In the Upper Elevation Balancing Tier the initial water year release volume is 8.23 maf; however, there is the possibility for an April adjustment to equalization or balancing operations to govern for the remainder of the water year. This April 2016 24-Month Study establishes that Lake Powell operations will shift to "balancing releases" for the remainder of water year 2016. Under Balancing, the contents of Lake Powell and Lake Mead will be balanced by the end of the water year, but not more than 9.0 maf and not less than 8.23 maf shall be released from Lake Powell. Based on the most probable inflow forecast, this April 24-Month Study projects a balancing release of 9.0 maf in water year 2016; the actual release in water year 2016, however, will depend on hydrology in the remainder of water year and will range from 8.23 to 9.0 maf. The projected release from Lake Powell in water year 2016 will be updated each month throughout the remainder of the water year. Reclamation will

schedule operations at Glen Canyon Dam to achieve as practicably as possible the appropriate total annual release volume by September 30, 2015.

In April, the release volume will be approximately 664 kaf, with fluctuations anticipated between about 8,000 cfs in the nighttime to about 14,000 cfs in the daytime and consistent with the Glen Canyon Operating Criteria (Federal Register, Volume 62, No. 41, March 3, 1997). The anticipated release volume for May is 700 kaf with daily fluctuations between approximately 8,000 cfs and 14,000 cfs. The expected release for June is 800 kaf with daily fluctuations between approximately 9,000 cfs and 17,000 cfs.

In addition to daily scheduled fluctuations for power generation, the instantaneous releases from Glen Canyon Dam may also fluctuate to provide 40 megawatts (mw) of system regulation. These instantaneous release adjustments stabilize the electrical generation and transmission system and translate to a range of about 1,200 cfs above or below the hourly scheduled release rate. Under system normal conditions, fluctuations for regulation are typically short lived and generally balance out over the hour with minimal or no noticeable impacts on downstream river flow conditions.

Releases from Glen Canyon Dam can also fluctuate beyond scheduled releases when called upon to respond to unscheduled power outages or power system emergencies. Depending on the severity of the system emergency, the response from Glen Canyon Dam can be significant, within the full range of the operating capacity of the power plant for as long as is necessary to maintain balance in the transmission system. Glen Canyon Dam typically maintains 27 mw (approximately 800 cfs) of generation capacity in reserve in order to respond to a system emergency even when generation rates are already high. System emergencies occur fairly infrequently and typically require small responses from Glen Canyon Dam. However, these responses can have a noticeable impact on the river downstream of Glen Canyon Dam.

Inflow Forecasts and Model Projections

The April to July 2016 water supply forecast for unregulated inflow to Lake Powell, issued on April 4, 2016, by the Colorado Basin River Forecast Center, projects that the most probable (median) unregulated inflow volume will be 5.3 maf (74 percent of average based on the period 1981-2010). The forecast decreased by 400 kaf since last month. At this point in the season, there is still uncertainty regarding this year's water supply and the total inflow to Lake Powell. The spring runoff forecast ranges from a minimum probable of 3.85 maf (54 percent of average) to a maximum probable of 7.65 maf (107 percent of average). There is 10% chance that inflows could be higher than the maximum probable and a 10% chance they could be lower than the minimum probable.

As determined in the August 2015 24-Month Study, and documented in the 2016 Annual Operating Plan, Lake Powell's operations in water year 2016 will be governed by the Upper Elevation Balancing Tier. In this tier, the initial water year release volume is 8.23 maf, however, there is the potential for an April adjustment to equalization or balancing releases in April 2016. This April 2016 24-Month Study projects the end of water year elevation at Lake Powell to be above 3,575 ft and the end of water year elevation at Lake

Mead to be below elevation 1,075.0 ft. Therefore, in accordance with Section 6.B.4 of the 2007 Interim Guidelines, Lake Powell operations will shift to "balancing releases" for the remainder of water year 2016. Under Section 6.B.4, the contents of Lake Powell and Lake Mead will be balanced by the end of the water year, but not more than 9.0 maf and not less than 8.23 maf shall be released from Lake Powell.

Based on the April most probable inflow forecast, the annual release volume from Lake Powell during water year 2016 is projected to be 9.0 maf. Under the minimum probable inflow scenario, the water year release is projected to be 9.0 maf. Under the maximum probable inflow scenario, the release is projected to be 9.0 maf. There 10% chance that inflows will be lower than the current minimum probable forecast, potentially resulting in lower releases. If inflows are less than the minimum probable forecast, the water year 2016 annual release could be as low as 8.23 maf. If inflows are greater than the current forecasted maximum probable inflow, the annual release will be 9.0 maf. The projected release from Lake Powell in water year 2016 will be updated each month throughout the remainder of the water year.

Based on the current forecast, the April 24-Month Study projects Lake Powell elevation will end water year 2016 near 3,600 ft with approximately 11.75 maf in storage (48% capacity). Projections of elevation and storage still have significant uncertainty at this point in the season, primarily due to uncertainty regarding spring runoff and the resulting inflow to Lake Powell. Under the minimum probable inflow scenario, updated in April, the projected end of water year elevation and storage are 3585 ft and 10.35 maf (43% capacity), respectively. Under the maximum probable inflow scenario, updated in April, the projected end of water year elevation and storage are 3622 ft and 14.01 maf (58% capacity), respectively. Modeling of projected reservoir operations based on the minimum and maximum scenarios will be updated again in August.

Upper Colorado River Basin Hydrology

The Upper Colorado River Basin regularly experiences significant year to year hydrologic variability. During the 16-year period 2000 to 2015, however, the unregulated inflow to Lake Powell, which is a good measure of hydrologic conditions in the Colorado River Basin, was above average in only 3 out of the past 16 years. The period 2000-2015 is the lowest 16-year period since the closure of Glen Canyon Dam in 1963, with an average unregulated inflow of 8.39 maf, or 78% of the 30-year average (1981-2010). (For comparison, the 1981-2010 total water year average is 10.83 maf.) The unregulated inflow during the 2000-2015 period has ranged from a low of 2.64 maf (24 percent of average) in water year 2002 to a high of 15.97 maf (147 percent of average) in water year 2011. The water year 2015 unregulated inflow volume to Lake Powell was 10.174 maf (94 percent of average), which, though still below average, was significantly higher than inflows observed in 2012 and 2013 (45% and 47 percent of average, respectively). Under the current most probable forecast, total water year 2016 unregulated inflows to Lake Powell is projected to be 8.44 maf (78 percent of average), and ranges from a minimum probable inflow of 6.86 maf (63%) and maximum probable inflow of 11.13 maf (103%).

At the beginning of water year 2016, total system storage in the Colorado River Basin was 30.3 maf (51% of 59.6 maf total system capacity). This is nearly the same as the total storage at the beginning of water year 2015 which began at 30.1 maf (50% of capacity). Since the beginning of water year 2000, total Colorado Basin storage has experienced year to year increases and decreases in response to wet and dry hydrology, ranging from a high of 94% of capacity at the beginning of 2000 to a low of 50% of capacity at the beginning of water year 2014. One wet year can significantly increase total system reservoir storage, just as persistent dry years can draw down the system storage. Based on current inflow forecasts, the current projected end of water year 2016 total Colorado Basin reservoir storage is approximately 29.0 maf (49% of capacity). The actual end of water year storage may vary from this projection, primarily due to uncertainty regarding this season's runoff and resulting reservoir inflow. Based on the April minimum and maximum probable inflow forecasts and modeling the range is approximately 27.6 maf (46%) to 31.4 maf (53%), respectively.

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-430
125 SOUTH STATE STREET, ROOM 6107
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-3709

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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:		Obs		mar	Forecast		Outlook		
:	dec	jan	feb	mar	%Avg	apr	may	jun	apr-jul	%Avg
GLDA3:Lake Powell	266	300	396	553	83%:	650/	1700/	2200/	5300/:	74%
GBRW4:Fontenelle	36	32	34	50	95%:	70/	110/	250/	565/:	77%
GRNU1:Flaming Gorge	38	44	63	84	82%:	110/	175/	300/	740/:	76%
BMDC2:Blue Mesa	27	27	26	41	114%:	55/	161/	215/	515/:	76%
MPSC2:Morrow Point	28	27	27	43	107%:	62/	180/	230/	560/:	76%
CLSC2:Crystal	32	31	30	48	104%:	70/	210/	260/	640/:	77%
TPIC2:Taylor Park	5.1	5.6	4.2	4.8	108%:	6/	21/	35/	76/:	77%
VCRC2:Vallecito	6.9	6.4	7.1	14.7	171%:	17/	63/	55/	155/:	80%
NVRN5:Navajo	23	22	42	83	90%:	120/	220/	160/	530/:	72%
LEMC2:Lemon	1.15	0.97	1.10	2.5	157%:	4/	17/	14/	39/:	71%
MPHC2:McPhee	3.9	4.6	6.4	11.7	55%:	57/	112/	65/	250/:	85%
RBSC2:Ridgway	4.6	4.0	4.6	5.4	94%:	8/	23/	40/	92/:	91%

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2016 24-Month Study

Most Probable Inflow*

Fontenelle Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Apr 2015	87	1	102	0	103	6483.35	185
H	May 2015	223	2	104	4	108	6499.95	298
I	Jun 2015	332	3	101	229	330	6499.84	297
S	Jul 2015	126	3	91	17	108	6501.77	312
T	Aug 2015	53	2	83	1	84	6497.37	279
O	Sep 2015	37	2	0	61	61	6493.88	254
	WY 2015	**1210**	**16**	**930**	**324**	**1254**		
R	Oct 2015	46	1	46	15	61	6491.60	238
I	Nov 2015	40	1	56	1	57	6489.03	221
C	Dec 2015	36	1	58	0	58	6485.40	197
A	Jan 2016	32	1	49	10	58	6480.71	170
L	Feb 2016	34	0	55	0	55	6476.59	149
*	Mar 2016	50	1	58	0	58	6474.73	140
	Apr 2016	70	1	62	0	62	6476.22	147
	May 2016	110	1	91	0	91	6479.65	165
	Jun 2016	250	2	101	0	101	6501.65	312
	Jul 2016	135	3	100	4	105	6505.20	339
	Aug 2016	55	2	88	0	88	6500.71	304
	Sep 2016	36	2	67	0	67	6496.31	272
	WY 2016	**894**	**15**	**831**	**30**	**862**		
	Oct 2016	42	1	65	0	65	6492.86	247
	Nov 2016	39	1	63	0	63	6489.16	223
	Dec 2016	32	1	65	0	65	6483.95	189
	Jan 2017	30	1	65	0	65	6477.61	154
	Feb 2017	28	0	59	0	59	6470.90	123
	Mar 2017	53	0	65	0	65	6467.86	110
	Apr 2017	85	1	71	0	71	6471.07	124
	May 2017	164	1	99	5	105	6482.63	182
	Jun 2017	299	2	103	82	184	6499.37	294
	Jul 2017	178	3	101	25	126	6505.66	343
	Aug 2017	77	2	100	5	105	6501.80	313
	Sep 2017	46	2	74	0	74	6497.85	283
	WY 2017	**1072**	**15**	**929**	**117**	**1046**		
	Oct 2017	49	1	68	0	68	6495.05	263
	Nov 2017	42	1	65	0	65	6491.60	239
	Dec 2017	32	1	68	0	68	6486.04	202
	Jan 2018	30	1	68	0	68	6479.58	165
	Feb 2018	28	0	61	0	61	6472.62	131
	Mar 2018	53	0	68	0	68	6469.04	115

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3006

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2016 24-Month Study

Most Probable Inflow*

Flaming Gorge Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	Apr 2015	112	127	5	73	0	73	129	6026.41	3213	252
H	May 2015	333	218	8	169	57	226	129	6026.01	3198	652
I	Jun 2015	434	432	11	100	0	100	141	6034.01	3506	485
S	Jul 2015	157	140	14	104	0	104	142	6034.55	3528	195
T	Aug 2015	56	87	13	104	0	104	141	6033.81	3498	130
O	Sep 2015	39	62	11	100	1	101	139	6032.59	3450	127
	WY 2015	**1562**	**1606**	**82**	**1293**	**58**	**1352**				**2856**
R	Oct 2015	48	63	7	131	0	131	136	6030.73	3377	162
I	Nov 2015	38	55	4	131	0	131	133	6028.73	3300	176
C	Dec 2015	38	61	2	137	0	137	130	6026.75	3225	175
A	Jan 2016	44	71	2	134	0	134	127	6025.07	3163	211
L	Feb 2016	63	84	2	118	0	118	126	6024.11	3127	164
*	Mar 2016	84	93	3	51	0	51	127	6025.13	3165	131
	Apr 2016	110	102	5	48	0	48	129	6026.42	3213	238
	May 2016	175	156	8	95	0	95	131	6027.78	3264	545
	Jun 2016	300	151	10	166	0	166	130	6027.13	3240	556
	Jul 2016	155	125	13	86	0	86	131	6027.77	3264	156
	Aug 2016	65	98	13	86	0	86	131	6027.74	3263	103
	Sep 2016	43	74	11	83	0	83	130	6027.22	3243	94
	WY 2016	**1164**	**1132**	**80**	**1267**	**0**	**1267**				**2712**
	Oct 2016	50	74	7	86	0	86	130	6026.71	3224	109
	Nov 2016	47	71	3	83	0	83	129	6026.31	3209	111
	Dec 2016	35	68	2	86	0	86	128	6025.80	3190	111
	Jan 2017	40	75	2	86	0	86	128	6025.46	3177	111
	Feb 2017	45	75	2	78	0	78	128	6025.35	3173	106
	Mar 2017	102	115	3	86	0	86	129	6026.01	3198	163
	Apr 2017	134	119	5	83	0	83	130	6026.81	3228	298
	May 2017	245	186	8	131	0	131	132	6028.02	3273	663
	Jun 2017	390	275	10	202	0	202	134	6029.60	3333	622
	Jul 2017	210	159	14	106	0	106	136	6030.57	3371	206
	Aug 2017	89	117	13	106	0	106	136	6030.51	3369	131
	Sep 2017	55	83	11	103	0	103	134	6029.74	3339	122
	WY 2017	**1442**	**1416**	**80**	**1236**	**0**	**1236**				**2753**
	Oct 2017	59	78	7	106	0	106	133	6028.85	3305	138
	Nov 2017	51	74	3	103	0	103	132	6028.05	3275	134
	Dec 2017	35	71	2	106	0	106	130	6027.10	3239	131
	Jan 2018	40	78	2	106	0	106	129	6026.33	3210	131
	Feb 2018	45	78	2	96	0	96	128	6025.82	3191	124
	Mar 2018	102	117	3	106	0	106	129	6026.03	3198	183

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2016 24-Month Study

Most Probable Inflow*

Taylor Park Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Apr 2015	9	6	9317.32	82
H	May 2015	19	10	9321.95	91
I	Jun 2015	62	50	9328.14	102
S	Jul 2015	21	28	9324.75	96
T	Aug 2015	9	22	9317.56	83
O	Sep 2015	7	18	9311.10	72
	WY 2015	**166**	**171**		
R	Oct 2015	7	8	9310.71	71
I	Nov 2015	5	6	9310.40	71
C	Dec 2015	5	6	9309.95	70
A	Jan 2016	6	6	9309.87	70
L	Feb 2016	4	5	9309.07	68
*	Mar 2016	5	6	9308.44	67
	Apr 2016	6	6	9308.44	67
	May 2016	21	10	9315.18	78
	Jun 2016	35	18	9324.55	95
	Jul 2016	14	20	9321.36	89
	Aug 2016	8	20	9314.60	77
	Sep 2016	6	16	9308.44	67
	WY 2016	**122**	**126**		
	Oct 2016	6	10	9305.70	63
	Nov 2016	5	6	9304.88	62
	Dec 2016	5	6	9303.98	61
	Jan 2017	4	6	9302.83	59
	Feb 2017	4	6	9301.27	57
	Mar 2017	4	6	9300.13	55
	Apr 2017	9	6	9302.13	58
	May 2017	28	10	9313.96	76
	Jun 2017	42	18	9326.94	100
	Jul 2017	20	20	9327.01	100
	Aug 2017	10	20	9321.95	91
	Sep 2017	7	16	9317.18	82
	WY 2017	**144**	**130**		
	Oct 2017	7	12	9314.07	77
	Nov 2017	5	6	9313.54	76
	Dec 2017	5	6	9312.75	74
	Jan 2018	4	6	9311.74	73
	Feb 2018	4	6	9310.38	71
	Mar 2018	4	6	9309.40	69

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2016 24-Month Study

Most Probable Inflow*

Blue Mesa Reservoir

	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Apr 2015	73	70	1	45	0	45	7492.04	597
H	May 2015	136	128	1	71	0	71	7498.96	653
I	Jun 2015	368	356	1	125	62	192	7517.76	815
S	Jul 2015	131	137	2	135	10	145	7516.74	806
T	Aug 2015	59	73	1	105	0	105	7512.97	772
O	Sep 2015	39	50	1	95	0	95	7507.65	726
	WY 2015	**1042**	**1047**	**9**	**835**	**72**	**912**		
R	Oct 2015	33	34	1	87	0	87	7501.39	673
I	Nov 2015	30	31	0	45	0	45	7499.64	658
C	Dec 2015	27	28	0	62	0	62	7495.46	624
A	Jan 2016	27	27	0	61	0	61	7491.12	590
L	Feb 2016	26	27	0	59	0	58	7487.04	559
*	Mar 2016	41	42	0	36	0	37	7487.62	563
	Apr 2016	55	55	1	55	0	55	7487.53	562
	May 2016	161	150	1	89	0	89	7495.18	622
	Jun 2016	215	198	1	38	0	38	7513.98	781
	Jul 2016	84	90	2	74	0	74	7515.59	795
	Aug 2016	47	59	1	87	0	87	7512.31	766
	Sep 2016	35	45	1	83	0	83	7507.82	727
	WY 2016	**782**	**786**	**9**	**774**	**0**	**776**		
	Oct 2016	36	40	1	76	0	76	7503.55	691
	Nov 2016	30	32	0	25	0	25	7504.30	697
	Dec 2016	26	27	0	94	0	94	7496.13	630
	Jan 2017	24	26	0	96	0	96	7487.19	560
	Feb 2017	22	25	0	33	0	33	7486.05	551
	Mar 2017	36	38	0	38	0	38	7485.94	550
	Apr 2017	77	74	1	64	0	64	7487.20	560
	May 2017	221	203	1	190	0	190	7488.74	572
	Jun 2017	261	237	1	77	0	77	7508.23	731
	Jul 2017	117	117	2	93	0	93	7510.79	753
	Aug 2017	63	73	1	100	0	100	7507.55	725
	Sep 2017	38	47	1	95	0	95	7501.70	675
	WY 2017	**952**	**938**	**9**	**981**	**0**	**981**		
	Oct 2017	38	44	1	75	0	75	7497.81	643
	Nov 2017	31	32	0	22	0	22	7499.01	653
	Dec 2017	26	27	0	38	0	38	7497.63	642
	Jan 2018	24	26	0	38	0	38	7496.12	630
	Feb 2018	22	25	0	33	0	33	7495.04	621
	Mar 2018	36	38	0	42	0	42	7494.43	616

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2016 24-Month Study

Most Probable Inflow*

Morrow Point Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Apr 2015	79	45	6	50	51	0	51	7150.61	110
H	May 2015	151	71	15	86	84	0	84	7153.24	112
I	Jun 2015	388	192	20	212	188	0	211	7154.42	113
S	Jul 2015	135	145	3	148	148	0	148	7154.93	113
T	Aug 2015	60	105	0	105	106	0	106	7153.74	112
O	Sep 2015	39	95	0	95	103	0	103	7143.98	104
	WY 2015	**1095**	**912**	**53**	**965**	**926**	**0**	**972**		
R	Oct 2015	34	87	0	87	93	0	93	7135.56	98
I	Nov 2015	31	45	1	46	47	0	47	7133.97	97
C	Dec 2015	28	62	1	62	46	0	47	7154.01	112
A	Jan 2016	27	61	1	62	64	0	64	7150.69	110
L	Feb 2016	27	58	1	60	61	0	61	7148.82	108
*	Mar 2016	43	37	2	39	36	0	36	7152.79	111
	Apr 2016	62	55	7	62	61	0	61	7153.73	112
	May 2016	180	89	19	108	108	0	108	7153.73	112
	Jun 2016	230	38	15	53	53	0	53	7153.73	112
	Jul 2016	88	74	4	78	78	0	78	7153.73	112
	Aug 2016	50	87	3	90	90	0	90	7153.73	112
	Sep 2016	38	83	3	86	86	0	86	7153.73	112
	WY 2016	**838**	**776**	**57**	**833**	**824**	**0**	**825**		
	Oct 2016	39	76	3	79	79	0	79	7153.73	112
	Nov 2016	33	25	2	27	27	0	27	7153.73	112
	Dec 2016	28	94	2	96	96	0	96	7153.73	112
	Jan 2017	27	96	2	98	98	0	98	7153.73	112
	Feb 2017	25	33	3	36	36	0	36	7153.73	112
	Mar 2017	40	38	4	42	42	0	42	7153.73	112
	Apr 2017	88	64	11	75	75	0	75	7153.73	112
	May 2017	247	190	26	216	216	0	216	7153.73	112
	Jun 2017	281	77	20	97	97	0	97	7153.73	112
	Jul 2017	123	93	6	99	99	0	99	7153.73	112
	Aug 2017	67	100	3	103	103	0	103	7153.73	112
	Sep 2017	41	95	3	98	98	0	98	7153.73	112
	WY 2017	**1038**	**981**	**85**	**1066**	**1066**	**0**	**1066**		
	Oct 2017	41	75	3	78	78	0	78	7153.73	112
	Nov 2017	33	22	2	24	24	0	24	7153.73	112
	Dec 2017	28	38	2	40	40	0	40	7153.73	112
	Jan 2018	27	38	2	40	40	0	40	7153.73	112
	Feb 2018	25	33	3	36	36	0	36	7153.73	112
	Mar 2018	40	42	4	46	46	0	46	7153.73	112

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2016 24-Month Study

Most Probable Inflow*

Crystal Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
*	Apr 2015	85	51	7	58	58	0	58	6751.65	17	37	21
H	May 2015	164	84	13	97	90	6	96	6752.09	17	62	36
I	Jun 2015	429	211	41	253	110	78	252	6755.80	18	55	209
S	Jul 2015	143	148	9	156	114	44	158	6751.21	16	65	96
T	Aug 2015	63	106	4	110	110	0	111	6749.17	16	65	47
O	Sep 2015	42	103	3	106	96	11	107	6744.61	15	57	50
	WY 2015	**1201**	**972**	**106**	**1078**	**843**	**171**	**1078**			**393**	**709**
R	Oct 2015	37	93	3	96	0	94	94	6750.81	16	51	44
I	Nov 2015	34	47	3	50	0	50	50	6750.12	16	0	51
C	Dec 2015	32	47	4	51	40	12	52	6747.07	15	1	53
A	Jan 2016	31	64	4	68	67	0	68	6748.20	16	1	69
L	Feb 2016	30	61	3	64	63	0	63	6752.48	17	0	65
*	Mar 2016	48	36	5	41	41	0	41	6752.32	17	2	41
	Apr 2016	70	61	8	69	69	0	69	6753.04	17	30	39
	May 2016	210	108	30	138	134	4	138	6753.04	17	55	83
	Jun 2016	260	53	30	83	83	0	83	6753.04	17	60	23
	Jul 2016	100	78	12	90	90	0	90	6753.04	17	65	25
	Aug 2016	55	90	5	95	95	0	95	6753.04	17	65	30
	Sep 2016	46	86	8	94	94	0	94	6753.04	17	55	39
	WY 2016	**953**	**825**	**115**	**940**	**777**	**160**	**937**			**387**	**562**
	Oct 2016	46	79	7	86	86	0	86	6753.04	17	30	56
	Nov 2016	38	27	5	33	33	0	33	6753.04	17	0	33
	Dec 2016	32	96	5	101	101	0	101	6753.04	17	0	101
	Jan 2017	31	98	5	103	103	0	103	6753.04	17	0	103
	Feb 2017	29	36	4	39	39	0	39	6753.04	17	0	39
	Mar 2017	46	42	6	48	48	0	48	6753.04	17	5	43
	Apr 2017	101	75	12	88	88	0	88	6753.04	17	30	58
	May 2017	281	216	34	250	134	116	250	6753.04	17	55	195
	Jun 2017	315	97	34	131	130	1	131	6753.04	17	60	71
	Jul 2017	138	99	14	114	114	0	114	6753.04	17	65	49
	Aug 2017	75	103	8	112	112	0	112	6753.04	17	65	47
	Sep 2017	47	98	6	104	104	0	104	6753.04	17	55	49
	WY 2017	**1179**	**1066**	**141**	**1208**	**1091**	**117**	**1208**			**365**	**843**
	Oct 2017	47	78	6	84	84	0	84	6753.04	17	30	54
	Nov 2017	38	24	5	29	29	0	29	6753.04	17	0	29
	Dec 2017	32	40	5	45	45	0	45	6753.04	17	0	45
	Jan 2018	31	40	5	45	45	0	45	6753.04	17	0	45
	Feb 2018	29	36	4	39	39	0	39	6753.04	17	0	39
	Mar 2018	46	46	6	52	52	0	52	6753.04	17	5	47

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2016 24-Month Study

Most Probable Inflow*

Vallecito Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Apr 2015	19	11	7658.49	108
H	May 2015	43	31	7662.94	120
I	Jun 2015	106	103	7664.05	123
S	Jul 2015	37	42	7661.73	117
T	Aug 2015	13	35	7652.83	94
O	Sep 2015	11	29	7645.08	75
	WY 2015	**294**	**285**		
R	Oct 2015	17	15	7645.65	77
I	Nov 2015	11	5	7648.25	83
C	Dec 2015	7	4	7649.57	86
A	Jan 2016	6	7	7649.21	85
L	Feb 2016	7	6	7649.77	86
*	Mar 2016	14	6	7652.71	94
	Apr 2016	17	14	7653.77	96
	May 2016	63	36	7664.11	123
	Jun 2016	55	55	7663.90	122
	Jul 2016	20	41	7655.45	100
	Aug 2016	15	38	7645.87	77
	Sep 2016	14	29	7638.77	62
	WY 2016	**245**	**256**		
	Oct 2016	14	17	7637.26	59
	Nov 2016	8	4	7639.44	63
	Dec 2016	6	4	7640.65	66
	Jan 2017	5	4	7641.41	67
	Feb 2017	5	3	7642.02	69
	Mar 2017	9	4	7644.15	73
	Apr 2017	23	4	7652.40	93
	May 2017	71	41	7664.10	123
	Jun 2017	70	70	7664.10	123
	Jul 2017	29	42	7659.01	110
	Aug 2017	20	38	7651.68	91
	Sep 2017	17	30	7646.43	79
	WY 2017	**278**	**258**		
	Oct 2017	16	17	7645.66	77
	Nov 2017	9	4	7647.86	82
	Dec 2017	6	4	7648.95	84
	Jan 2018	5	4	7649.63	86
	Feb 2018	5	3	7650.17	87
	Mar 2018	9	4	7652.12	92

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3006

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2016 24-Month Study

Most Probable Inflow*

Navajo Reservoir

	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azetea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Farmington Flow (1000 Ac-Ft)
*	Apr 2015	80	8	63	2	20	21	6045.22	1170	44
H	May 2015	178	24	144	3	23	21	6053.44	1267	95
I	Jun 2015	285	38	241	4	20	21	6068.60	1461	255
S	Jul 2015	76	9	72	5	39	27	6068.68	1462	93
T	Aug 2015	15	1	36	4	33	42	6065.47	1419	63
O	Sep 2015	15	0	33	3	25	33	6063.41	1392	48
	WY 2015	**900**	**90**	**797**	**27**	**170**	**289**			**890**
R	Oct 2015	42	1	40	2	9	29	6063.43	1392	55
I	Nov 2015	37	1	30	1	0	21	6064.00	1400	39
C	Dec 2015	23	0	19	1	0	21	6063.81	1397	34
A	Jan 2016	22	0	23	1	0	22	6063.77	1396	34
L	Feb 2016	42	2	39	1	1	28	6064.39	1405	43
*	Mar 2016	83	7	69	2	4	27	6067.08	1441	52
	Apr 2016	120	14	103	3	19	23	6071.28	1498	68
	May 2016	220	33	160	4	34	157	6068.76	1463	285
	Jun 2016	160	27	133	4	49	260	6054.86	1284	382
	Jul 2016	30	4	47	4	53	30	6051.56	1244	80
	Aug 2016	28	1	50	3	44	23	6049.81	1223	54
	Sep 2016	31	1	45	3	24	22	6049.52	1220	49
	WY 2016	**838**	**91**	**758**	**27**	**238**	**664**			**1176**
	Oct 2016	38	1	40	2	9	23	6050.08	1226	48
	Nov 2016	30	0	25	1	0	22	6050.26	1229	39
	Dec 2016	25	0	22	1	0	23	6050.15	1227	38
	Jan 2017	22	0	20	1	0	23	6049.85	1224	37
	Feb 2017	30	0	29	1	0	21	6050.46	1231	33
	Mar 2017	92	2	86	2	5	23	6055.12	1287	45
	Apr 2017	170	14	136	2	20	22	6062.40	1379	75
	May 2017	277	40	207	4	34	160	6063.04	1387	306
	Jun 2017	224	34	189	4	50	272	6052.06	1250	424
	Jul 2017	66	7	72	4	55	37	6050.03	1226	104
	Aug 2017	45	1	62	3	46	23	6049.10	1215	62
	Sep 2017	43	1	55	3	26	22	6049.45	1219	55
	WY 2017	**1063**	**101**	**942**	**26**	**245**	**672**			**1266**
	Oct 2017	47	2	47	2	9	23	6050.54	1232	51
	Nov 2017	34	1	28	1	0	22	6050.91	1236	40
	Dec 2017	25	0	22	1	0	23	6050.79	1235	38
	Jan 2018	22	0	20	1	0	23	6050.50	1231	37
	Feb 2018	30	0	29	1	0	21	6051.11	1239	33
	Mar 2018	92	2	85	2	5	23	6055.71	1294	45

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2016 24-Month Study

Most Probable Inflow*

Lake Powell

	Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry Gage (1000 Ac-Ft)
*	Apr 2015	639	539	21	600	0	600	3590.18	4921	10837	610
H	May 2015	1613	1431	25	699	0	699	3597.27	4973	11491	708
I	Jun 2015	3389	2570	44	800	0	800	3613.54	5101	13090	801
S	Jul 2015	1072	1002	55	1048	0	1048	3612.62	5093	12996	1076
T	Aug 2015	313	466	54	799	0	799	3609.07	5065	12637	814
O	Sep 2015	276	435	49	714	0	714	3606.01	5040	12333	726
	WY 2015	**10174**	**9419**	**368**	**8868**	**132**	**9000**				**9136**
R	Oct 2015	535	680	34	600	0	600	3606.44	5044	12375	609
I	Nov 2015	421	506	32	577	0	577	3605.47	5036	12280	583
C	Dec 2015	266	393	26	857	0	857	3600.80	5000	11827	863
A	Jan 2016	300	433	8	857	0	857	3596.58	4968	11427	865
L	Feb 2016	396	490	8	700	0	700	3594.41	4952	11224	704
*	Mar 2016	553	486	14	694	0	694	3592.18	4935	11019	707
	Apr 2016	650	523	21	664	0	664	3590.53	4923	10869	673
	May 2016	1700	1552	26	700	0	700	3598.78	4984	11634	708
	Jun 2016	2200	2065	43	800	0	800	3610.34	5075	12765	807
	Jul 2016	750	728	53	950	0	950	3607.80	5054	12510	966
	Aug 2016	360	461	52	900	0	900	3603.17	5018	12055	915
	Sep 2016	310	414	47	700	0	700	3599.97	4993	11747	713
	WY 2016	**8442**	**8732**	**364**	**9000**	**0**	**9000**				**9115**
	Oct 2016	430	500	32	600	0	600	3598.69	4984	11626	609
	Nov 2016	435	458	31	600	0	600	3596.99	4971	11466	604
	Dec 2016	363	480	24	800	0	800	3593.57	4945	11147	803
	Jan 2017	361	480	7	800	0	800	3590.26	4921	10844	807
	Feb 2017	393	428	8	650	0	650	3587.89	4904	10631	654
	Mar 2017	665	589	13	650	0	650	3587.12	4899	10562	655
	Apr 2017	1056	878	21	600	0	600	3589.77	4918	10800	609
	May 2017	2343	2155	26	650	0	650	3604.34	5027	12169	658
	Jun 2017	2666	2426	45	800	0	800	3618.77	5144	13633	807
	Jul 2017	1091	996	57	1000	0	1000	3618.23	5140	13576	1016
	Aug 2017	500	580	56	1050	0	1050	3613.53	5101	13089	1065
	Sep 2017	408	518	50	800	0	800	3610.51	5076	12781	813
	WY 2017	**10711**	**10488**	**371**	**9000**	**0**	**9000**				**9102**
	Oct 2017	512	583	35	600	0	600	3610.03	5072	12734	609
	Nov 2017	473	505	33	600	0	600	3608.85	5063	12615	604
	Dec 2017	363	444	26	800	0	800	3605.28	5035	12261	803
	Jan 2018	361	442	8	800	0	800	3601.79	5007	11922	807
	Feb 2018	393	446	8	650	0	650	3599.74	4992	11725	654
	Mar 2018	665	613	14	650	0	650	3599.24	4988	11678	655

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2016 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Glen Release (1000 Ac-Ft)	Side Inflow Glen to Hoover (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Apr 2015	600	26	38	1087	18.3	20	1086	646	1079.03	9931
H	May 2015	699	25	43	871	14.2	25	862	632	1076.57	9729
I	Jun 2015	800	16	52	868	14.6	25	868	624	1075.08	9607
S	Jul 2015	1048	80	65	767	12.5	28	766	641	1078.15	9858
T	Aug 2015	799	114	70	803	13.1	27	802	642	1078.31	9871
O	Sep 2015	714	72	58	723	12.1	24	722	641	1078.10	9854
	WY 2015	**9000**	**722**	**540**	**9246**		**221**	**9215**			
R	Oct 2015	600	118	42	578	9.4	20	577	645	1078.99	9927
I	Nov 2015	577	41	42	631	10.6	12	630	641	1078.23	9865
C	Dec 2015	857	43	36	619	10.1	9	618	656	1080.91	10087
A	Jan 2016	857	89	30	662	10.8	8	661	671	1083.68	10318
L	Feb 2016	700	81	28	699	12.2	10	698	673	1084.17	10360
*	Mar 2016	694	31	31	1008	16.4	18	1007	653	1080.45	10048
	Apr 2016	664	53	38	1041	17.5	19	1041	630	1076.10	9691
	May 2016	700	37	43	1008	16.4	29	1008	609	1072.13	9369
	Jun 2016	800	21	51	882	14.8	27	882	601	1070.50	9239
	Jul 2016	950	78	64	841	13.7	26	841	606	1071.64	9330
	Aug 2016	900	124	68	753	12.2	24	753	617	1073.74	9499
	Sep 2016	700	112	56	741	12.5	18	741	617	1073.69	9495
	WY 2016	**9000**	**829**	**530**	**9461**		**220**	**9456**			
	Oct 2016	600	69	41	527	8.6	21	527	622	1074.62	9570
	Nov 2016	600	56	41	552	9.3	12	552	625	1075.21	9618
	Dec 2016	800	54	36	503	8.2	7	503	644	1078.75	9908
	Jan 2017	800	62	30	728	11.8	8	728	650	1079.84	9998
	Feb 2017	650	73	27	728	13.1	7	728	647	1079.39	9961
	Mar 2017	650	55	30	1034	16.8	15	1034	625	1075.10	9609
	Apr 2017	600	53	37	1097	18.4	21	1097	594	1069.22	9138
	May 2017	650	37	42	991	16.1	29	991	571	1064.74	8787
	Jun 2017	800	21	49	884	14.9	29	884	562	1063.01	8653
	Jul 2017	1000	78	62	840	13.7	31	840	571	1064.77	8789
	Aug 2017	1050	124	67	760	12.4	29	760	591	1068.60	9089
	Sep 2017	800	112	55	728	12.2	16	728	598	1069.94	9195
	WY 2017	**9000**	**795**	**518**	**9374**		**223**	**9374**			
	Oct 2017	600	69	41	481	7.8	20	481	605	1071.44	9314
	Nov 2017	600	56	41	619	10.4	11	619	605	1071.27	9301
	Dec 2017	800	54	35	570	9.3	7	570	619	1074.10	9528
	Jan 2018	800	62	29	691	11.2	15	691	627	1075.57	9647
	Feb 2018	650	73	27	662	11.9	18	662	628	1075.74	9662
	Mar 2018	650	55	30	1006	16.4	24	1006	606	1071.61	9328

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2016 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Apr 2015	1087	-18	17	1022	0	1022	17.2	643.88	1723
H	May 2015	871	-10	22	854	0	854	13.9	643.30	1707
I	Jun 2015	868	-19	26	810	0	810	13.6	643.81	1721
S	Jul 2015	767	-14	25	762	0	762	12.4	642.57	1687
T	Aug 2015	803	-16	23	775	0	775	12.6	642.12	1675
O	Sep 2015	723	-16	18	758	0	758	12.7	639.56	1606
	WY 2015	**9246**	**-142**	**198**	**8945**	**0**	**8945**			
R	Oct 2015	578	-7	15	655	0	655	10.7	635.80	1507
I	Nov 2015	631	-14	10	599	0	599	10.1	636.11	1514
C	Dec 2015	619	-13	9	527	0	527	8.6	638.77	1585
A	Jan 2016	662	-32	10	553	0	553	9.0	641.26	1651
L	Feb 2016	699	-20	10	675	0	675	11.7	641.04	1645
*	Mar 2016	1008	-16	13	921	0	921	15.0	643.17	1703
	Apr 2016	1041	-19	17	1010	0	1010	17.0	643.00	1699
	May 2016	1008	-13	22	972	0	972	15.8	643.00	1699
	Jun 2016	882	-16	25	867	0	867	14.6	642.00	1671
	Jul 2016	841	-13	25	816	0	816	13.3	641.50	1658
	Aug 2016	753	-11	23	719	0	719	11.7	641.50	1658
	Sep 2016	741	-9	18	754	0	754	12.7	640.01	1617
	WY 2016	**9461**	**-184**	**197**	**9068**	**0**	**9068**			
	Oct 2016	527	-1	15	695	0	695	11.3	633.00	1434
	Nov 2016	552	-8	10	483	0	483	8.1	635.00	1486
	Dec 2016	503	-12	9	385	0	385	6.3	638.71	1583
	Jan 2017	728	-14	10	622	0	622	10.1	641.80	1666
	Feb 2017	728	-14	10	705	0	705	12.7	641.80	1666
	Mar 2017	1034	-16	13	972	0	972	15.8	643.05	1700
	Apr 2017	1097	-19	17	1063	0	1063	17.9	643.00	1699
	May 2017	991	-13	22	955	0	955	15.5	643.00	1699
	Jun 2017	884	-16	25	870	0	870	14.6	642.00	1671
	Jul 2017	840	-13	25	815	0	815	13.3	641.50	1658
	Aug 2017	760	-11	23	726	0	726	11.8	641.50	1658
	Sep 2017	728	-9	18	741	0	741	12.5	640.01	1617
	WY 2017	**9374**	**-146**	**197**	**9031**	**0**	**9031**			
	Oct 2017	481	-1	15	648	0	648	10.5	633.00	1434
	Nov 2017	619	-8	10	549	0	549	9.2	635.00	1486
	Dec 2017	570	-12	9	451	0	451	7.3	638.71	1583
	Jan 2018	691	-14	10	584	0	584	9.5	641.80	1666
	Feb 2018	662	-14	10	639	0	639	11.5	641.80	1666
	Mar 2018	1006	-16	13	943	0	943	15.3	643.05	1700

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2016 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	Apr 2015	1022	13	11	752	12.6	104	154	448.09	582	210	3.5
H	May 2015	854	21	13	559	9.1	108	177	448.50	590	113	1.8
I	Jun 2015	810	19	16	615	10.3	104	77	448.89	597	109	1.8
S	Jul 2015	762	18	17	592	9.6	107	70	447.99	580	107	1.7
T	Aug 2015	775	16	17	580	9.4	107	70	448.30	586	93	1.5
O	Sep 2015	758	19	15	487	8.2	104	168	448.04	581	90	1.5
	WY 2015	**8945**	**179**	**140**	**6135**		**1195**	**1566**			**1510**	
R	Oct 2015	655	34	12	458	7.5	101	115	447.88	578	59	1.0
I	Nov 2015	599	11	9	385	6.5	98	120	447.57	572	93	1.6
C	Dec 2015	527	22	7	321	5.2	101	130	446.92	560	105	1.7
A	Jan 2016	553	26	6	324	5.3	97	156	446.60	554	154	2.5
L	Feb 2016	675	10	8	543	9.4	13	117	446.50	552	180	3.1
*	Mar 2016	921	19	9	695	11.3	89	123	447.40	569	221	3.6
	Apr 2016	1010	19	11	729	12.2	92	175	448.00	580	202	3.4
	May 2016	972	16	13	675	11.0	99	180	448.50	589	97	1.6
	Jun 2016	867	14	16	682	11.5	96	70	448.70	593	89	1.5
	Jul 2016	816	29	17	660	10.7	99	69	448.00	580	92	1.5
	Aug 2016	719	26	17	555	9.0	99	69	447.50	571	94	1.5
	Sep 2016	754	23	15	516	8.7	96	140	447.50	570	89	1.5
	WY 2016	**9068**	**250**	**139**	**6542**		**1080**	**1464**			**1475**	
	Oct 2016	695	27	12	469	7.6	99	135	447.50	571	65	1.1
	Nov 2016	483	22	9	374	6.3	33	83	447.50	571	103	1.7
	Dec 2016	385	19	7	288	4.7	36	88	446.50	552	115	1.9
	Jan 2017	622	13	6	388	6.3	82	154	446.50	552	154	2.5
	Feb 2017	705	12	8	485	8.7	72	143	446.50	552	180	3.2
	Mar 2017	972	4	9	724	11.8	82	150	446.70	555	206	3.4
	Apr 2017	1063	19	11	762	12.8	78	182	448.70	593	192	3.2
	May 2017	955	16	13	676	11.0	82	189	448.70	593	97	1.6
	Jun 2017	870	14	16	689	11.6	78	86	448.70	593	98	1.6
	Jul 2017	815	29	17	656	10.7	82	90	448.00	580	99	1.6
	Aug 2017	726	26	17	559	9.1	82	91	447.50	571	99	1.6
	Sep 2017	741	23	15	508	8.5	78	153	447.50	570	89	1.5
	WY 2017	**9031**	**224**	**139**	**6577**		**883**	**1544**			**1497**	
	Oct 2017	648	27	12	467	7.6	82	108	447.50	571	68	1.1
	Nov 2017	549	22	9	370	6.2	78	108	447.50	571	103	1.7
	Dec 2017	451	19	7	288	4.7	82	108	446.50	552	115	1.9
	Jan 2018	584	13	6	378	6.2	102	106	446.50	552	150	2.4
	Feb 2018	639	12	8	476	8.6	59	99	446.50	552	175	3.1
	Mar 2018	943	4	9	718	11.7	85	124	446.70	555	199	3.2

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2016 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Apr 2015	1087	18.3	1079.03	9931	-488	430.55	1217.0	427.4	76	393.2
H	May 2015	871	14.2	1076.57	9729	-202	432.58	1165.0	337.2	74	387.2
I	Jun 2015	868	14.6	1075.08	9607	-121	427.78	1573.0	332.0	100	382.4
S	Jul 2015	767	12.5	1078.15	9858	251	432.42	1455.0	292.7	94	381.4
T	Aug 2015	803	13.1	1078.31	9871	13	434.75	1451.0	307.8	93	383.4
O	Sep 2015	723	12.1	1078.10	9854	-17	435.36	1563.0	275.2	100	380.7
	WY 2015	**9246**							**3596.9**		
R	Oct 2015	578	9.4	1078.99	9927	73	435.13	1088.0	221.8	70	383.6
I	Nov 2015	631	10.6	1078.23	9865	-63	433.49	1088.0	244.8	70	387.9
C	Dec 2015	619	10.1	1080.91	10087	222	434.77	1069.0	241.9	68	390.9
A	Jan 2016	662	10.8	1083.68	10318	232	438.04	775.0	258.5	49	390.7
L	Feb 2016	699	12.2	1084.17	10360	41	437.39	880.0	277.0	55	396.1
*	Mar 2016	1008	16.4	1080.45	10048	-311	434.20	973.0	402.7	61	399.7
	Apr 2016	1041	17.5	1076.10	9691	-358	428.91	974.0	416.5	61	400.1
	May 2016	1008	16.4	1072.13	9369	-321	422.35	1284.0	383.3	84	380.3
	Jun 2016	882	14.8	1070.50	9239	-130	418.24	1512.0	330.6	100	374.9
	Jul 2016	841	13.7	1071.64	9330	91	418.49	1518.0	319.3	100	379.8
	Aug 2016	753	12.2	1073.74	9499	169	420.25	1530.0	283.6	100	376.9
	Sep 2016	741	12.5	1073.69	9495	-3	421.76	1530.0	280.8	100	379.0
	WY 2016	**9461**							**3660.7**		
	Oct 2016	527	8.6	1074.62	9570	75	426.88	1165.0	197.4	76	374.4
	Nov 2016	552	9.3	1075.21	9618	48	430.07	1145.0	210.4	74	381.4
	Dec 2016	503	8.2	1078.75	9908	290	430.23	1163.0	194.6	75	387.0
	Jan 2017	728	11.8	1079.84	9998	90	432.21	891.0	287.8	57	395.0
	Feb 2017	728	13.1	1079.39	9961	-37	432.28	779.0	294.0	50	403.6
	Mar 2017	1034	16.8	1075.10	9609	-352	428.83	864.0	414.9	56	401.1
	Apr 2017	1097	18.4	1069.22	9138	-471	419.44	1402.0	418.6	93	381.5
	May 2017	991	16.1	1064.74	8787	-351	414.33	1377.0	366.2	93	369.6
	Jun 2017	884	14.9	1063.01	8653	-134	410.88	1465.0	325.6	100	368.1
	Jul 2017	840	13.7	1064.77	8789	136	411.38	1476.0	313.5	100	373.1
	Aug 2017	760	12.4	1068.60	9089	300	414.31	1498.0	282.7	100	371.9
	Sep 2017	728	12.2	1069.94	9195	106	417.36	1507.4	272.4	100	374.3
	WY 2017	**9374**							**3578.1**		
	Oct 2017	481	7.8	1071.44	9314	119	423.44	1150.5	182.6	76	379.6
	Nov 2017	619	10.4	1071.27	9301	-13	426.54	1128.6	237.6	74	384.1
	Dec 2017	570	9.3	1074.10	9528	227	425.96	1145.0	215.3	75	377.9
	Jan 2018	691	11.2	1075.57	9647	119	427.78	878.0	268.2	57	388.3
	Feb 2018	662	11.9	1075.74	9662	14	428.34	769.6	261.8	50	395.2
	Mar 2018	1006	16.4	1071.61	9328	-333	425.28	853.8	398.3	56	395.9

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3006

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2016 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Apr 2015	1022	17.2	643.88	1723	30	141.00	255.0	129.5	100	126.8
H	May 2015	854	13.9	643.30	1707	-16	141.92	252.5	110.0	99	128.8
I	Jun 2015	810	13.6	643.81	1721	14	144.85	255.0	104.6	100	129.1
S	Jul 2015	762	12.4	642.57	1687	-34	140.97	255.0	98.4	100	129.1
T	Aug 2015	775	12.6	642.12	1675	-12	142.40	255.0	99.2	100	127.9
O	Sep 2015	758	12.7	639.56	1606	-69	137.76	255.0	95.5	100	126.0
	WY 2015	**8945**							**1122.4**		
R	Oct 2015	655	10.7	635.80	1507	-99	136.05	211.7	81.6	83	124.5
I	Nov 2015	599	10.1	636.11	1514	8	136.53	165.8	72.5	65	121.0
C	Dec 2015	527	8.6	638.77	1585	70	135.98	155.6	65.1	61	123.6
A	Jan 2016	553	9.0	641.26	1651	67	141.86	163.2	71.9	64	129.9
L	Feb 2016	675	11.7	641.04	1645	-6		178.5	86.3	70	127.8
*	Mar 2016	921	15.0	643.17	1703	58	139.07	214.2	117.9	84	128.0
	Apr 2016	1010	17.0	643.00	1699	-5	136.13	255.0	125.9	100	124.8
	May 2016	972	15.8	643.00	1699	0	136.04	255.0	121.6	100	125.0
	Jun 2016	867	14.6	642.00	1671	-27	135.51	255.0	108.4	100	125.0
	Jul 2016	816	13.3	641.50	1658	-14	134.73	255.0	101.7	100	124.7
	Aug 2016	719	11.7	641.50	1658	0	134.46	255.0	89.9	100	125.0
	Sep 2016	754	12.7	640.01	1617	-40	133.68	255.0	93.5	100	124.0
	WY 2016	**9068**							**1136.3**		
	Oct 2016	695	11.3	633.00	1434	-183	129.77	234.6	83.8	92	120.7
	Nov 2016	483	8.1	635.00	1486	51	128.06	204.0	57.7	80	119.6
	Dec 2016	385	6.3	638.71	1583	97	130.45	224.4	47.3	88	122.9
	Jan 2017	622	10.1	641.80	1666	83	135.03	191.3	77.4	75	124.5
	Feb 2017	705	12.7	641.80	1666	0	137.09	176.0	88.1	69	124.9
	Mar 2017	972	15.8	643.05	1700	34	135.44	255.0	121.0	100	124.5
	Apr 2017	1063	17.9	643.00	1699	-2	136.07	255.0	132.3	100	124.4
	May 2017	955	15.5	643.00	1699	0	136.04	255.0	119.5	100	125.1
	Jun 2017	870	14.6	642.00	1671	-27	135.51	255.0	108.7	100	124.9
	Jul 2017	815	13.3	641.50	1658	-14	134.73	255.0	101.7	100	124.7
	Aug 2017	726	11.8	641.50	1658	0	134.46	255.0	90.8	100	125.0
	Sep 2017	741	12.5	640.01	1617	-40	133.68	255.0	92.0	100	124.1
	WY 2017	**9031**							**1120.1**		
	Oct 2017	648	10.5	633.00	1434	-183	129.77	234.6	78.4	92	120.9
	Nov 2017	549	9.2	635.00	1486	51	128.06	204.0	65.5	80	119.2
	Dec 2017	451	7.3	638.71	1583	97	130.45	224.4	55.3	88	122.5
	Jan 2018	584	9.5	641.80	1666	83	135.03	191.3	72.8	75	124.7
	Feb 2018	639	11.5	641.80	1666	0	137.09	176.0	80.1	69	125.4
	Mar 2018	943	15.3	643.05	1700	34	135.44	255.0	117.6	100	124.7

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2016 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Apr 2015	752	12.6	448.09	582	4	80.20	120.0	52.5	100	69.8
H	May 2015	559	9.1	448.50	590	8	81.62	112.8	39.5	94	70.7
I	Jun 2015	615	10.3	448.89	597	7	79.48	120.0	43.6	100	70.8
S	Jul 2015	592	9.6	447.99	580	-17	81.75	120.0	41.8	100	70.7
T	Aug 2015	580	9.4	448.30	586	6	82.40	120.0	40.9	100	70.4
O	Sep 2015	487	8.2	448.04	581	-5	82.23	120.0	34.6	100	71.1
	WY 2015	**6135**							**430.7**		
R	Oct 2015	458	7.5	447.88	578	-3	81.97	91.2	32.3	76	70.6
I	Nov 2015	385	6.5	447.57	572	-6	83.21	96.0	27.1	80	70.3
C	Dec 2015	321	5.2	446.92	560	-12	82.51	120.0	21.9	100	68.4
A	Jan 2016	324	5.3	446.60	554	-6	80.76	94.8	22.3	79	68.8
L	Feb 2016	528	9.4	446.50	552	-2	78.54	87.6	38.1	73	72.2
*	Mar 2016	695	11.3	447.40	569	17	81.63	104.4	48.9	87	70.3
	Apr 2016	729	12.2	448.00	580	11	75.08	120.0	48.0	100	65.9
	May 2016	675	11.0	448.50	589	9	75.61	120.0	44.6	100	66.1
	Jun 2016	682	11.5	448.70	593	4	75.95	120.0	45.3	100	66.4
	Jul 2016	660	10.7	448.00	580	-13	75.71	120.0	43.6	100	66.1
	Aug 2016	555	9.0	447.50	571	-9	75.13	120.0	36.3	100	65.3
	Sep 2016	516	8.7	447.50	570	0	74.89	120.0	33.6	100	65.0
	WY 2016	**6527**							**441.9**		
	Oct 2016	469	7.6	447.50	571	0	75.74	100.8	30.7	84	65.4
	Nov 2016	374	6.3	447.50	571	0	75.92	97.2	24.3	81	64.9
	Dec 2016	288	4.7	446.50	552	-19	74.40	120.0	18.0	100	62.6
	Jan 2017	388	6.3	446.50	552	0	75.13	93.6	25.0	78	64.5
	Feb 2017	485	8.7	446.50	552	0	74.71	102.0	31.6	85	65.1
	Mar 2017	724	11.8	446.70	555	4	74.01	120.0	47.1	100	65.0
	Apr 2017	762	12.8	448.70	593	38	75.08	120.0	50.2	100	65.9
	May 2017	676	11.0	448.70	593	0	76.05	120.0	44.9	100	66.4
	Jun 2017	689	11.6	448.70	593	0	76.05	120.0	45.8	100	66.5
	Jul 2017	656	10.7	448.00	580	-13	75.71	120.0	43.3	100	66.1
	Aug 2017	559	9.1	447.50	571	-9	75.13	120.0	36.5	100	65.3
	Sep 2017	508	8.5	447.50	570	0	74.89	120.0	33.0	100	65.0
	WY 2017	**6577**							**430.4**		
	Oct 2017	467	7.6	447.50	571	0	75.74	100.8	30.5	84	65.4
	Nov 2017	370	6.2	447.50	571	0	75.92	97.2	24.0	81	64.9
	Dec 2017	288	4.7	446.50	552	-19	74.40	120.0	18.1	100	62.6
	Jan 2018	378	6.2	446.50	552	0	74.89	98.4	24.3	82	64.2
	Feb 2018	476	8.6	446.50	552	0	75.07	94.8	31.1	79	65.4
	Mar 2018	718	11.7	446.70	555	4	74.01	120.0	46.7	100	65.0

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2016 24-Month Study

Most Probable Inflow*

Upper Basin Power

	Date	Glen Canyon 1000 MWHR	Flaming Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Reservoir 1000 MWHR	Fontenelle Reservoir 1000 MWHR
*	Apr 2015	256	28	13	17	11	7
H	May 2015	299	65	21	30	18	8
I	Jun 2015	348	40	38	67	21	9
S	Jul 2015	471	42	41	53	22	8
T	Aug 2015	357	42	32	38	21	7
O	Sep 2015	317	40	28	37	18	0
	Summer 2015	**2049**	**256**	**173**	**241**	**111**	**39**
R	Oct 2015	264	52	26	32	0	4
I	Nov 2015	256	52	13	15	0	4
C	Dec 2015	378	53	18	16	7	4
A	Jan 2016	373	52	17	22	13	3
L	Feb 2016	302	45	16	21	12	4
*	Mar 2016	298	20	10	11	7	4
	Winter 2016	**1871**	**274**	**100**	**118**	**38**	**23**
	Apr 2016	257	17	16	22	12	4
	May 2016	272	35	26	39	23	7
	Jun 2016	318	61	12	19	14	8
	Jul 2016	381	31	23	28	16	10
	Aug 2016	358	31	27	32	16	8
	Sep 2016	276	30	26	31	16	6
	Summer 2016	**1863**	**206**	**130**	**172**	**98**	**43**
	Oct 2016	236	31	23	28	15	6
	Nov 2016	235	30	8	10	6	5
	Dec 2016	312	31	28	35	17	5
	Jan 2017	309	31	28	35	18	5
	Feb 2017	250	28	10	13	7	4
	Mar 2017	249	31	11	15	8	4
	Winter 2017	**1591**	**184**	**109**	**136**	**71**	**29**
	Apr 2017	230	30	19	27	15	5
	May 2017	254	48	56	78	23	7
	Jun 2017	323	74	23	35	22	9
	Jul 2017	410	39	29	36	20	10
	Aug 2017	427	39	31	37	19	10
	Sep 2017	323	38	29	35	18	7
	Summer 2017	**1967**	**268**	**186**	**248**	**118**	**46**
	Oct 2017	241	39	23	28	14	6
	Nov 2017	241	38	7	9	5	6
	Dec 2017	320	39	11	14	8	6
	Jan 2018	317	39	11	14	8	5
	Feb 2018	256	35	10	13	7	4
	Mar 2018	256	39	13	17	9	4
	Winter 2018	**1375**	**189**	**62**	**78**	**42**	**27**

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2016 24-Month Study

Most Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions

Date	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Total KAF	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****EFFECTIVE SPACE****										
Apr 2016	789	267	255	13303	14614	17329	31942	345	259	-27	576	13303	17329	31208	1500	1041	0	28.5
May 2016	734	267	198	13453	14652	17686	32338	282	259	-107	434	13453	17686	31574	1500	1008	0	29.0
Jun 2016	665	207	233	12688	13793	18008	31801	203	187	-110	280	12688	18008	30976	1500	882	0	30.1
Jul 2016	543	49	412	11557	12561	18138	30699	69	10	17	96	11557	18138	29791	1500	841	0	29.9
								****CREDITABLE SPACE****										
Aug 2016	491	34	452	11812	12790	18047	30836	491	34	452	977	11812	18047	30836	1500	753	0	29.5
Sep 2016	527	63	473	12267	13330	17878	31208	527	63	473	1063	12267	17878	31208	2270	741	0	29.1
Oct 2016	579	103	476	12575	13732	17882	31614	579	103	476	1158	12575	17882	31614	3040	527	0	28.8
Nov 2016	623	139	470	12696	13927	17807	31734	623	139	470	1231	12696	17807	31734	3810	552	0	28.7
Dec 2016	662	132	467	12856	14118	17759	31877	662	132	467	1262	12856	17759	31877	4580	503	0	28.6
Jan 2017	715	200	469	13175	14558	17469	32027	715	200	469	1383	13175	17469	32027	5350	728	0	28.4
								****EFFECTIVE SPACE****										
Jan 2017	715	200	469	13175	14558	17469	32027	394	168	181	742	13175	17469	31386	5350	728	0	28.4
Feb 2017	762	270	472	13478	14983	17379	32362	439	239	183	862	13478	17379	31720	1500	728	0	28.1
Mar 2017	798	279	465	13691	15233	17416	32649	473	250	175	898	13691	17416	32006	1500	1034	0	27.8
Apr 2017	786	279	409	13760	15235	17768	33003	456	252	113	821	13760	17768	32350	1500	1097	0	27.7
May 2017	743	270	317	13522	14852	18239	33091	406	239	-1	644	13522	18239	32405	1500	991	0	28.9
Jun 2017	639	258	309	12153	13359	18590	31950	292	208	-48	452	12153	18590	31195	1500	884	0	30.4
Jul 2017	466	99	446	10689	11700	18724	30424	104	24	35	163	10689	18724	29576	1500	840	0	30.5
								****CREDITABLE SPACE****										
Aug 2017	380	77	470	10746	11673	18588	30261	380	77	470	927	10746	18588	30261	1500	760	0	30.2
Sep 2017	413	105	481	11233	12232	18288	30520	413	105	481	999	11233	18288	30520	2270	728	0	29.9
Oct 2017	472	154	477	11541	12644	18182	30826	472	154	477	1103	11541	18182	30826	3040	481	0	29.7
Nov 2017	526	186	464	11588	12765	18063	30827	526	186	464	1176	11588	18063	30827	3810	619	0	29.6
Dec 2017	581	176	460	11707	12924	18076	31000	581	176	460	1217	11707	18076	31000	4580	570	0	29.4
Jan 2018	653	188	461	12061	13362	17849	31211	653	188	461	1302	12061	17849	31211	5350	691	0	29.2
								****EFFECTIVE SPACE****										
Jan 2018	653	188	461	12061	13362	17849	31211	353	188	179	720	12061	17849	30629	5350	691	0	29.2
Feb 2018	720	200	465	12400	13784	17730	31514	419	200	182	800	12400	17730	30930	1500	662	0	29.0
Mar 2018	773	208	457	12597	14036	17715	31751	470	208	174	852	12597	17715	31165	1500	1006	0	28.7

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3006

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May 24-Month Study
Date: May 13, 2016

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

Reservoir	April Inflow (unregulated) (acre-feet)	Percent of Average (%)	May 10, Midnight Elevation (feet)	Reservoir Storage (acre-feet)
Fontenelle	91,000	107	6485.91	201,000
Flaming Gorge	140,000	105	6028.07	3,275,000
Blue Mesa	75,000	97	7489.91	581,000
Navajo	120,000	70	6072.36	1,514,000
Powell	814,000	77	3593.12	11,105000

Expected Operations

The operation of Lake Powell and Lake Mead in this May 2016 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines) and reflects the 2016 Annual Operating Plan (AOP). Pursuant to the Interim Guidelines, the August 2015 24-Month Study projections of the January 1, 2016, system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2016.

Consistent with Section 6.B of the Interim Guidelines, the Lake Powell operational tier for water year 2016 is the Upper Elevation Balancing Tier. The April 2016 24-Month Study projected the end of water year elevation at Lake Powell to be above 3,575 feet and the end of water year elevation at Lake Mead to be below elevation 1,075.0 feet. Therefore, in accordance with Section 6.B.4 of the Interim Guidelines, Lake Powell operations shifted to "balancing releases" for the remainder of water year 2016. Under Section 6.B.4, the contents of Lake Powell and Lake Mead will be balanced by the end of the water year, but not more than 9.0 million acre-feet (maf) and not less than 8.23 maf shall be released from Lake Powell. Based on the most probable inflow forecast, this May 24-Month Study projects a balancing release of 9.0 maf in water year 2016; the actual release in water year 2016, however, will depend on hydrology in the remainder of the water year and will range from 8.23 to 9.0 maf. The projected release from Lake Powell in water year 2016 will be updated each month throughout the remainder of the water year.

Consistent with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar year 2016.

The Interim Guidelines are available for download at:
http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The 2016 AOP is available for download at:
http://www.usbr.gov/lc/region/g4000/aop/AOP16.pdf.

Fontenelle Reservoir – Fontenelle Reservoir is currently at elevation 6483 ft, which amounts to 57 percent of live storage capacity. Inflows for the month of April totaled 91,000 acre-feet (af), or 107 percent of average. Significant storm activity in the Upper Green River has increased the forecast and this will be seen in the June 24-Month Study.

The Colorado Basin River Forecast Center has forecasted spring inflows that are below average. May, June and July forecasted inflow volumes amount to 110,000 af (67 percent of average), 215,000 af (72 percent of average), and 114,000 af (64 percent of average), respectively.

The next Fontenelle Working Group meeting is scheduled for 10:00 a.m., August 23, 2016. The meeting will be held at the Joint Powers Water Board offices in Green River, Wyoming. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir.

Flaming Gorge Reservoir – Flaming Gorge Dam is currently releasing steady minimum releases of 800 cubic feet per second (cfs). The May unregulated inflow forecast into Flaming Gorge for the April-July period has improved and is currently at 79 percent of average. This is on the cusp between the moderately dry and average hydrologic conditions of the Record of Decision and the average (below median) hydrologic condition on the Larval Trigger Study Plan. Reclamation will operate Flaming Gorge under the average (below median) hydrologic classification.

It is anticipated that releases will remain at 800 cfs until the beginning of spring runoff sometime in late May or June. Base flow releases are subject to observed hydrology and all projections may change.

Unregulated inflow into Flaming Gorge Reservoir during the month of April was 140,000 af, or 105 percent of average. The reservoir elevation is 6,027.31 ft and increasing.

The May final forecast for inflows for the next three months projects below average: with May, June and July forecasted inflow volumes at 175,000 af (71 percent of average), 300,000 af (77 percent of average), and 155,000 af (74 percent of average), respectively. However, significant storm activity in the Upper Green River has increased the forecast and this will be seen in the June 24-Month Study.

The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stakeholders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations and plans presented by Reclamation at these meetings. Meeting notes from past Working Group meetings are posted on the Working Group webpage. For more information on this group and these meetings please contact Dale Hamilton at 801-379-1186 or Heather Patno at 801-524-3883.

Reclamation will be holding the Flaming Gorge Working Group meeting on Tuesday, August 25, 2016, at 11:00 a.m. at the Utah Division of Wildlife Resources offices located at 318 North Vernal Avenue, Vernal, Utah.

Aspinall Unit Reservoirs – Crystal Dam is currently releasing 1500 cfs with 850 cfs being diverted through the Gunnison Tunnel and approximately 850 cfs flowing through the Black Canyon. The May forecast for the April-July period for Blue Mesa was increased from April to 525,000 af (78 percent of average). Under the Aspinall Record of Decision (ROD) the operational targets for the spring peak are in the average dry hydrologic classification which calls for a 10 day duration peak of 8,070 cfs at the Whitewater reach of the Gunnison River. In terms of the Black Canyon water right, the peak flow target in the Black Canyon, based on the May forecast, will be 3,349 cfs.

Crystal Dam operations will begin ramping up releases on May 11, 2016 to a maximum release of 4,100 cfs by May 15, 2016. On that day, Morrow Point releases will also be increased to fill the remaining space in Crystal Reservoir. By late afternoon on May 15, 2016, depending on side inflow conditions at Crystal Reservoir, spillway releases are anticipated to begin. These spillway releases will be controlled by releases from Morrow Point Dam to control peak releases in the Gunnison River to attempt achieve the ROD operational targets at Whitewater. These operations will exceed the Black Canyon water right peak flow target.

Inflows to Blue Mesa for the next three months are projected to be below average: with May, June and July forecasted inflow volumes of 155,000 af (74 percent of average), 210,000 af (80 percent of average) and 155,000 af (132 percent of average), respectively.

The Aspinall Unit Working Group is an open public forum for information exchange between Reclamation and the stakeholders of the Aspinall Unit. The public is encouraged to attend and comments on the operations and plans presented by Reclamation at these meetings. Meeting notes from past working Group meetings are posted on the Working Group webpage. For more information on this group and these meetings please contact Erik Knight in the Grand Junction Area Office at (970) 248-0629.

The next meeting of the Aspinall Unit Working Group will be held on Thursday August 18th at 1:00 pm at the Elk Creek Visitor Center at Blue Mesa Reservoir.

Navajo Reservoir – Navajo is currently releasing 350 cfs. Releases are made for the authorized purposes of the Navajo Unit, and to attempt to maintain a target base flow

through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell). The San Juan River Basin Recovery Implementation Program (SJRIP) recommends a target base flow of between 500 cfs and 1,000 cfs through the critical habitat area. The target base flow is calculated as the weekly average of gaged flows throughout the critical habitat area.

Modified unregulated inflow into Navajo during the month of April was 120,175 af, which was 71% of average. The reservoir elevation is 6070.8 ft and increasing.

Inflows for the next three months are projected to be below average: with May, June and July forecasted inflow volumes at 195,000 af (70% of average), 170,000 af (76% of average), and 35,000 af (53% of average), respectively. The most probable April through July forecast is for 515,000 af (71% of average). Under this forecast, a spring peak release of 5,000 cfs for 31 days is expected this year. The spring peak release will begin in mid-to-late May. Until the spring peak release begins, Navajo is expected to release 350 cfs.

Reclamation conducts Public Operations Meetings three times per year to gather input for determining upcoming operations for Navajo Reservoir. Input from individuals, organizations, and agencies along with other factors such as weather, water rights, endangered species requirements, flood control, hydro power, recreation, fish and wildlife management, and reservoir levels, will be considered in the development of these reservoir operation plans. In addition, the meetings are used to coordinate activities and exchange information among agencies, water users, and other interested parties concerning the San Juan River and Navajo Reservoir.

The next Navajo Public Operations Meeting is scheduled for August 23rd at 1pm at the Farmington Civic Center, Farmington, NM.

Glen Canyon Dam / Lake Powell

Current Status

The unregulated inflow volume to Lake Powell in April was 814 thousand acre-feet (kaf) (77 percent of average). The release volume from Glen Canyon Dam in April was 665 kaf. The end of April elevation and storage of Lake Powell were 3,592 ft (108 feet from full pool) and 11.01 maf (45% of full capacity), respectively. The reservoir reached a seasonal low elevation on April 15th near elevation 3591.14 feet. Since that time the reservoir has been increasing as the first of the spring runoff is now entering the reservoir.

Current Operations

The operating tier for water year 2016 was established in August 2015 as the Upper Elevation Balancing Tier. The April 2016 24-Month Study established that Lake Powell operations will be governed by balancing for the remainder of water year 2016. Under balancing, the contents of Lake Powell and Lake Mead will be balanced by the end of the water year, but not more than 9.0 maf and not less than 8.23 maf shall be released from

Lake Powell. Based on the most probable inflow forecast, this May 24-Month Study projects a balancing release of 9.0 maf in water year 2016; the actual release in water year 2016, however, will depend on hydrology in the remainder of water year and will range from 8.23 to 9.0 maf. The projected release from Lake Powell in water year 2016 will be updated each month throughout the remainder of the water year. Reclamation will schedule operations at Glen Canyon Dam to achieve as practicably as possible the appropriate total annual release volume by September 30, 2016.

In May, the release volume will be approximately 700 kaf, with fluctuations anticipated between about 8,000 cfs in the nighttime to about 14,000 cfs in the daytime and consistent with the Glen Canyon Operating Criteria (Federal Register, Volume 62, No. 41, March 3, 1997). The anticipated release volume for June is 800 kaf with daily fluctuations between approximately 9,000 cfs and 17,000 cfs. The expected release for July is 950 kaf with daily fluctuations between approximately 11,500 cfs and 19,500 cfs.

In addition to daily scheduled fluctuations for power generation, the instantaneous releases from Glen Canyon Dam may also fluctuate to provide 40 megawatts (mw) of system regulation. These instantaneous release adjustments stabilize the electrical generation and transmission system and translate to a range of about 1,200 cfs above or below the hourly scheduled release rate. Under normal system conditions, fluctuations for regulation are typically short lived and generally balance out over the hour with minimal or no noticeable impacts on downstream river flow conditions.

Releases from Glen Canyon Dam can also fluctuate beyond scheduled releases when called upon to respond to unscheduled power outages or power system emergencies. Depending on the severity of the system emergency, the response from Glen Canyon Dam can be significant, within the full range of the operating capacity of the power plant for as long as is necessary to maintain balance in the transmission system. Glen Canyon Dam typically maintains 30 mw (approximately 880 cfs) of generation capacity in reserve in order to respond to a system emergency even when generation rates are already high. System emergencies occur fairly infrequently and typically require small responses from Glen Canyon Dam. However, these responses can have a noticeable impact on the river downstream of Glen Canyon Dam.

Inflow Forecasts and Model Projections

The April to July 2016 water supply forecast for unregulated inflow to Lake Powell, issued on May 3, 2016, by the Colorado Basin River Forecast Center, projects that the most probable (median) unregulated inflow volume will be 5.5 maf (77 percent of average based on the period 1981-2010). The forecast increased 200 kaf from what was forecasted in April. At this point in the season, there is still uncertainty regarding this year's water supply and the total inflow to Lake Powell. The spring runoff forecast ranges from a minimum probable of 3.85 maf (54 percent of average) to a maximum probable of 7.65 maf (107 percent of average). There is 10% chance that inflows could be higher than the maximum probable and a 10% chance they could be lower than the minimum probable.

As determined in the August 2015 24-Month Study, and documented in the 2016 Annual Operating Plan, Lake Powell's operations in water year 2016 will be governed by the Upper Elevation Balancing Tier. Because the April 2016 24-Month Study projected the end of water year elevation at Lake Powell to be above 3,575 feet and the end of water year elevation at Lake Mead to be below elevation 1,075.0 feet, Lake Powell operations shifted to balancing (Section 6.B.4 of the 2007 Interim Guidelines) for the remainder of water year 2016. Under balancing, the contents of Lake Powell and Lake Mead will be balanced by the end of the water year, but no more than 9.0 maf and no less than 8.23 maf shall be released from Lake Powell.

Based on the May most probable inflow forecast, the annual release volume from Lake Powell during water year 2016 is projected to be 9.0 maf. Under the minimum probable inflow scenario, the water year release is projected to be 9.0 maf. Under the maximum probable inflow scenario, the release is projected to be 9.0 maf. There is 10% chance that inflows will be lower than the current minimum probable forecast, potentially resulting in lower releases. If inflows are less than the minimum probable forecast, the water year 2016 annual release could be as low as 8.23 maf. If inflows are greater than the current forecasted maximum probable inflow, the annual release will be 9.0 maf. The projected release from Lake Powell in water year 2016 will be updated each month throughout the remainder of the water year.

Based on the current forecast, the May 24-Month Study projects Lake Powell elevation will end water year 2016 near 3,603 ft with approximately 12.06 maf in storage (50% capacity). Projections of elevation and storage still have significant uncertainty at this point in the season, primarily due to uncertainty regarding spring runoff and the resulting inflow to Lake Powell. Under the minimum probable inflow scenario, updated in April, the projected end of water year elevation and storage are 3585 ft and 10.35 maf (43% capacity), respectively. Under the maximum probable inflow scenario, updated in April, the projected end of water year elevation and storage are 3622 ft and 14.01 maf (58% capacity), respectively. Modeling of projected reservoir operations based on the minimum and maximum scenarios will be updated again in August.

Upper Colorado River Basin Hydrology

The Upper Colorado River Basin regularly experiences significant year to year hydrologic variability. During the 16-year period 2000 to 2015, however, the unregulated inflow to Lake Powell, which is a good measure of hydrologic conditions in the Colorado River Basin, was above average in only 3 out of the past 16 years. The period 2000-2015 is the lowest 16-year period since the closure of Glen Canyon Dam in 1963, with an average unregulated inflow of 8.51 maf, or 79% of the 30-year average (1981-2010). (For comparison, the 1981-2010 total water year average is 10.83 maf.) The unregulated inflow during the 2000-2015 period has ranged from a low of 2.64 maf (24 percent of average) in water year 2002 to a high of 15.97 maf (147 percent of average) in water year 2011. The water year 2015 unregulated inflow volume to Lake Powell was 10.174 maf (94 percent of average), which, though still below average, was significantly higher than inflows observed in 2012 and 2013 (45% and 47 percent of average, respectively). Under the current most probable forecast, total water year 2016

unregulated inflows to Lake Powell is projected to be 8.71 maf (80 percent of average), and ranges from a minimum probable inflow of 6.86 maf (63%) and maximum probable inflow of 11.13 maf (103%).

At the beginning of water year 2016, total system storage in the Colorado River Basin was 30.3 maf (51% of 59.6 maf total system capacity). This is nearly the same as the total storage at the beginning of water year 2015 which began at 30.1 maf (50% of capacity). Since the beginning of water year 2000, total Colorado Basin storage has experienced year to year increases and decreases in response to wet and dry hydrology, ranging from a high of 94% of capacity at the beginning of 2000 to a low of 50% of capacity at the beginning of water year 2014. One wet year can significantly increase total system reservoir storage, just as persistent dry years can draw down the system storage. Based on current inflow forecasts, the current projected end of water year 2016 total Colorado Basin reservoir storage is approximately 29.3 maf (49% of capacity). The actual end of water year storage may vary from this projection, primarily due to uncertainty regarding this season's runoff and resulting reservoir inflow. Based on the April minimum and maximum probable inflow forecasts and modeling the range is approximately 27.6 maf (46%) to 31.4 maf (53%), respectively.

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-430
125 SOUTH STATE STREET, ROOM 6107
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-3709

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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:	Obs			apr	Forecast		Outlook		
:	jan	feb	mar	apr	%Avg	may	jun	jul	apr-jul	%Avg
GLDA3:Lake Powell	300	396	553	814	77%:	1640/	2300/	750/	5500/:	77%
GBRW4:Fontenelle	32	34	50	91	107%:	110/	215/	114/	530/:	73%
GRNU1:Flaming Gorge	44	63	84	140	105%:	175/	300/	155/	770/:	79%
BMDC2:Blue Mesa	27	26	41	75	97%:	155/	210/	85/	525/:	78%
MPSC2:Morrow Point	27	27	43	82	93%:	173/	225/	90/	570/:	77%
CLSC2:Crystal	31	30	48	92	91%:	193/	250/	97/	632/:	76%
TPIC2:Taylor Park	5.6	4.2	4.8	9.1	104%:	21/	36/	16/	82/:	83%
VCRC2:Vallecito	6.4	7.1	13.5	25	107%:	54/	54/	22/	155/:	80%
NVRN5:Navajo	22	41	81	120	70%:	195/	170/	35/	520/:	71%
LEMC2:Lemon	0.97	1.10	2.5	5.0	89%:	15/	16/	4/	40/:	72%
MPHC2:McPhee	4.6	6.4	19.9	45	63%:	88/	65/	17/	215/:	73%
RBSC2:Ridgway	4.0	4.6	5.4	9.4	88%:	20/	41/	23/	93/:	92%

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2016 24-Month Study

Most Probable Inflow*

Fontenelle Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	May 2015	223	2	104	4	108	6499.95	298
H	Jun 2015	332	3	101	229	330	6499.84	297
I	Jul 2015	126	3	91	17	108	6501.77	312
S	Aug 2015	53	2	83	1	84	6497.37	279
T	Sep 2015	37	2	0	61	61	6493.88	254
	WY 2015	**1210**	**16**	**930**	**324**	**1254**		
O	Oct 2015	46	1	46	15	61	6491.60	238
R	Nov 2015	40	1	56	1	57	6489.03	221
I	Dec 2015	36	1	58	0	58	6485.40	197
C	Jan 2016	32	1	49	10	58	6480.71	170
A	Feb 2016	34	0	55	0	55	6476.59	149
L	Mar 2016	50	1	58	0	58	6474.73	140
*	Apr 2016	91	1	56	0	56	6481.34	174
	May 2016	110	1	90	0	90	6484.50	193
	Jun 2016	215	2	89	0	89	6502.26	316
	Jul 2016	114	3	92	0	92	6504.69	335
	Aug 2016	50	2	82	0	82	6500.26	301
	Sep 2016	36	2	67	0	67	6495.83	268
	WY 2016	**854**	**15**	**799**	**26**	**825**		
	Oct 2016	42	1	65	0	65	6492.36	244
	Nov 2016	39	1	63	0	63	6488.65	220
	Dec 2016	32	1	65	0	65	6483.37	186
	Jan 2017	30	1	65	0	65	6476.92	151
	Feb 2017	28	0	59	0	59	6470.10	120
	Mar 2017	53	0	65	0	65	6467.01	107
	Apr 2017	85	1	71	0	71	6470.28	120
	May 2017	164	1	99	6	105	6482.04	178
	Jun 2017	299	2	102	82	184	6498.92	291
	Jul 2017	178	3	101	25	126	6505.24	340
	Aug 2017	77	2	100	4	105	6501.37	309
	Sep 2017	46	2	74	0	74	6497.39	280
	WY 2017	**1072**	**15**	**929**	**117**	**1046**		
	Oct 2017	49	1	68	0	68	6494.58	259
	Nov 2017	42	1	65	0	65	6491.12	235
	Dec 2017	32	1	68	0	68	6485.52	199
	Jan 2018	30	1	68	0	68	6478.95	161
	Feb 2018	28	0	61	0	61	6471.88	127
	Mar 2018	53	0	68	0	68	6468.24	112
	Apr 2018	85	1	89	0	89	6467.16	107

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3009

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2016 24-Month Study

Most Probable Inflow*

Flaming Gorge Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	May 2015	333	218	8	169	57	226	129	6026.01	3198	652
H	Jun 2015	434	432	11	100	0	100	141	6034.01	3506	485
I	Jul 2015	157	140	14	104	0	104	142	6034.55	3528	195
S	Aug 2015	56	87	13	104	0	104	141	6033.81	3498	130
T	Sep 2015	39	62	11	100	1	101	139	6032.59	3450	127
	WY 2015	**1562**	**1606**	**82**	**1293**	**58**	**1352**				**2856**
O	Oct 2015	48	63	7	131	0	131	136	6030.73	3377	162
R	Nov 2015	38	55	4	131	0	131	133	6028.73	3300	176
I	Dec 2015	38	61	2	137	0	137	130	6026.75	3225	175
C	Jan 2016	44	71	2	134	0	134	127	6025.07	3163	211
A	Feb 2016	63	84	2	118	0	118	126	6024.11	3127	164
L	Mar 2016	84	93	3	51	0	51	127	6025.13	3165	131
*	Apr 2016	140	105	5	50	0	50	129	6026.43	3213	316
	May 2016	175	155	8	95	0	95	131	6027.76	3263	595
	Jun 2016	300	174	10	168	0	168	131	6027.65	3259	583
	Jul 2016	155	133	13	91	0	91	132	6028.39	3287	176
	Aug 2016	65	97	13	91	0	91	132	6028.23	3281	111
	Sep 2016	43	74	11	88	0	88	131	6027.60	3257	99
	WY 2016	**1194**	**1164**	**80**	**1284**	**0**	**1285**				**2899**
	Oct 2016	50	74	7	91	0	91	130	6026.98	3234	114
	Nov 2016	47	71	3	88	0	88	129	6026.46	3215	115
	Dec 2016	35	68	2	91	0	91	128	6025.83	3191	116
	Jan 2017	40	75	2	91	0	91	128	6025.37	3174	116
	Feb 2017	45	75	2	82	0	82	127	6025.15	3166	110
	Mar 2017	102	115	3	91	0	91	128	6025.69	3186	167
	Apr 2017	134	119	5	88	0	88	129	6026.39	3212	303
	May 2017	245	186	8	134	0	134	131	6027.51	3254	666
	Jun 2017	390	275	10	202	0	202	133	6029.09	3314	622
	Jul 2017	210	159	14	106	0	106	135	6030.07	3352	206
	Aug 2017	89	117	13	106	0	106	135	6030.02	3350	131
	Sep 2017	55	83	11	103	0	103	134	6029.24	3320	122
	WY 2017	**1442**	**1416**	**80**	**1271**	**0**	**1271**				**2788**
	Oct 2017	59	78	7	106	0	106	132	6028.35	3286	138
	Nov 2017	51	74	3	103	0	103	131	6027.55	3256	134
	Dec 2017	35	71	2	106	0	106	130	6026.60	3220	131
	Jan 2018	40	78	2	106	0	106	128	6025.82	3191	131
	Feb 2018	45	78	2	96	0	96	128	6025.31	3172	124
	Mar 2018	102	117	3	106	0	106	128	6025.52	3179	183
	Apr 2018	134	137	5	103	0	103	129	6026.29	3208	318

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2016 24-Month Study

Most Probable Inflow*

Taylor Park Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	May 2015	19	10	9321.95	91
H	Jun 2015	62	50	9328.14	102
I	Jul 2015	21	28	9324.75	96
S	Aug 2015	9	22	9317.56	83
T	Sep 2015	7	18	9311.10	72
	WY 2015	**166**	**171**		
O	Oct 2015	7	8	9310.71	71
R	Nov 2015	5	6	9310.40	71
I	Dec 2015	5	6	9309.95	70
C	Jan 2016	6	6	9309.87	70
A	Feb 2016	4	5	9309.07	68
L	Mar 2016	5	6	9308.44	67
*	Apr 2016	9	6	9310.70	71
	May 2016	21	11	9316.60	81
	Jun 2016	36	20	9325.38	97
	Jul 2016	16	22	9322.48	92
	Aug 2016	8	18	9317.22	82
	Sep 2016	6	15	9311.98	73
	WY 2016	**128**	**127**		
	Oct 2016	6	10	9309.39	69
	Nov 2016	5	6	9308.61	68
	Dec 2016	5	6	9307.76	66
	Jan 2017	4	6	9306.68	65
	Feb 2017	4	6	9305.21	63
	Mar 2017	4	6	9304.14	61
	Apr 2017	9	6	9306.02	64
	May 2017	28	10	9317.25	82
	Jun 2017	42	18	9329.77	106
	Jul 2017	20	20	9329.84	106
	Aug 2017	10	20	9324.93	96
	Sep 2017	7	16	9320.33	88
	WY 2017	**144**	**130**		
	Oct 2017	7	12	9317.36	82
	Nov 2017	5	6	9316.85	81
	Dec 2017	5	6	9316.09	80
	Jan 2018	4	6	9315.13	78
	Feb 2018	4	6	9313.83	76
	Mar 2018	4	6	9312.90	75
	Apr 2018	9	6	9314.54	77

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3009

Processed On: 5/12/2016 8:22:04AM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2016 24-Month Study

Most Probable Inflow*

Blue Mesa Reservoir

	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	May 2015	136	128	1	71	0	71	7498.96	653
H	Jun 2015	368	356	1	125	62	192	7517.76	815
I	Jul 2015	131	137	2	135	10	145	7516.74	806
S	Aug 2015	59	73	1	105	0	105	7512.97	772
T	Sep 2015	39	50	1	95	0	95	7507.65	726
	WY 2015	**1042**	**1047**	**9**	**835**	**72**	**912**		
O	Oct 2015	33	34	1	87	0	87	7501.39	673
R	Nov 2015	30	31	0	45	0	45	7499.64	658
I	Dec 2015	27	28	0	62	0	62	7495.46	624
C	Jan 2016	27	27	0	61	0	61	7491.12	590
A	Feb 2016	26	27	0	59	0	58	7487.04	559
L	Mar 2016	41	42	0	36	0	37	7487.62	563
*	Apr 2016	75	72	1	63	0	63	7488.62	571
	May 2016	155	145	1	155	0	155	7487.20	560
	Jun 2016	210	194	1	44	0	44	7505.62	708
	Jul 2016	85	91	1	80	0	80	7506.68	717
	Aug 2016	48	58	1	93	0	93	7502.34	681
	Sep 2016	36	45	1	84	0	84	7497.46	641
	WY 2016	**794**	**793**	**9**	**868**	**0**	**869**		
	Oct 2016	37	41	1	77	0	77	7492.91	604
	Nov 2016	31	32	0	26	0	26	7493.61	610
	Dec 2016	26	27	0	47	0	47	7491.04	589
	Jan 2017	24	26	0	47	0	47	7488.31	568
	Feb 2017	22	25	0	22	0	22	7488.62	571
	Mar 2017	36	38	0	26	0	26	7490.05	582
	Apr 2017	77	74	1	53	0	53	7492.68	602
	May 2017	221	203	1	206	33	239	7487.90	565
	Jun 2017	261	237	1	68	0	68	7508.52	733
	Jul 2017	117	117	2	81	0	81	7512.45	767
	Aug 2017	63	73	1	88	0	88	7510.62	751
	Sep 2017	38	47	1	87	0	87	7505.81	710
	WY 2017	**953**	**939**	**9**	**828**	**33**	**861**		
	Oct 2017	38	44	1	75	0	75	7502.01	678
	Nov 2017	31	32	0	57	0	57	7498.95	653
	Dec 2017	26	27	0	91	0	91	7490.91	588
	Jan 2018	24	26	0	37	0	37	7489.47	577
	Feb 2018	22	25	0	31	0	31	7488.62	571
	Mar 2018	36	38	0	38	0	38	7488.51	570
	Apr 2018	77	74	1	63	0	63	7489.88	580

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2016 24-Month Study

Most Probable Inflow*

Morrow Point Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	May 2015	151	71	15	86	84	0	84	7153.24	112
H	Jun 2015	388	192	20	212	188	0	211	7154.42	113
I	Jul 2015	135	145	3	148	148	0	148	7154.93	113
S	Aug 2015	60	105	0	105	106	0	106	7153.74	112
T	Sep 2015	39	95	0	95	103	0	103	7143.98	104
	WY 2015	**1095**	**912**	**53**	**965**	**926**	**0**	**972**		
O	Oct 2015	34	87	0	87	93	0	93	7135.56	98
R	Nov 2015	31	45	1	46	47	0	47	7133.97	97
I	Dec 2015	28	62	1	62	46	0	47	7154.01	112
C	Jan 2016	27	61	1	62	64	0	64	7150.69	110
A	Feb 2016	27	58	1	60	61	0	61	7148.82	108
L	Mar 2016	43	37	2	39	36	0	36	7152.74	111
*	Apr 2016	83	63	7	71	71	0	71	7152.57	111
	May 2016	173	155	18	173	172	0	172	7153.73	112
	Jun 2016	225	44	15	59	59	0	59	7153.73	112
	Jul 2016	90	80	5	85	85	0	85	7153.73	112
	Aug 2016	52	93	4	97	97	0	97	7153.73	112
	Sep 2016	38	84	2	86	86	0	86	7153.73	112
	WY 2016	**851**	**869**	**57**	**926**	**917**	**0**	**918**		
	Oct 2016	39	77	2	79	79	0	79	7153.73	112
	Nov 2016	33	26	2	28	28	0	28	7153.73	112
	Dec 2016	28	47	2	49	49	0	49	7153.73	112
	Jan 2017	27	47	2	49	49	0	49	7153.73	112
	Feb 2017	25	22	3	25	25	0	25	7153.73	112
	Mar 2017	40	26	4	30	30	0	30	7153.73	112
	Apr 2017	88	53	11	64	64	0	64	7153.73	112
	May 2017	247	239	26	265	265	0	265	7153.73	112
	Jun 2017	281	68	20	88	88	0	88	7153.73	112
	Jul 2017	123	81	6	87	87	0	87	7153.73	112
	Aug 2017	67	88	3	91	91	0	91	7153.73	112
	Sep 2017	41	87	3	90	90	0	90	7153.73	112
	WY 2017	**1038**	**861**	**84**	**945**	**945**	**0**	**945**		
	Oct 2017	41	75	3	78	78	0	78	7153.73	112
	Nov 2017	33	57	2	59	59	0	59	7153.73	112
	Dec 2017	28	91	2	93	93	0	93	7153.73	112
	Jan 2018	27	37	2	39	39	0	39	7153.73	112
	Feb 2018	25	31	3	34	34	0	34	7153.73	112
	Mar 2018	40	38	4	42	42	0	42	7153.73	112
	Apr 2018	88	63	11	74	74	0	74	7153.73	112

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Managing Water in the West

May 2016 24-Month Study

Most Probable Inflow*

Crystal Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
*	May 2015	164	84	13	97	90	6	96	6752.09	17	62	36
H	Jun 2015	429	211	41	253	110	78	252	6755.80	18	55	209
I	Jul 2015	143	148	9	156	114	44	158	6751.21	16	65	96
S	Aug 2015	63	106	4	110	110	0	111	6749.17	16	65	47
T	Sep 2015	42	103	3	106	96	11	107	6744.61	15	57	50
	WY 2015	**1201**	**972**	**106**	**1078**	**843**	**171**	**1078**			**393**	**709**
O	Oct 2015	37	93	3	96	0	94	94	6750.81	16	51	44
R	Nov 2015	34	47	3	50	0	50	50	6750.12	16	0	51
I	Dec 2015	32	47	4	51	40	12	52	6747.07	15	1	53
C	Jan 2016	31	64	4	68	67	0	68	6748.20	16	1	69
A	Feb 2016	30	61	3	64	63	0	63	6752.48	17	0	65
L	Mar 2016	48	36	5	41	41	0	41	6752.32	17	2	41
*	Apr 2016	92	71	9	80	80	0	80	6751.41	16	47	35
	May 2016	193	172	20	192	135	57	192	6753.04	17	55	137
	Jun 2016	250	59	25	84	84	0	84	6753.04	17	60	24
	Jul 2016	97	85	7	92	92	0	92	6753.04	17	65	27
	Aug 2016	57	97	5	102	102	0	102	6753.04	17	65	37
	Sep 2016	45	86	7	93	93	0	93	6753.04	17	55	38
	WY 2016	**946**	**918**	**95**	**1013**	**798**	**213**	**1011**			**404**	**621**
	Oct 2016	46	79	7	86	86	0	86	6753.04	17	30	56
	Nov 2016	38	28	5	33	33	0	33	6753.04	17	0	33
	Dec 2016	32	49	5	54	54	0	54	6753.04	17	0	54
	Jan 2017	31	49	5	54	54	0	54	6753.04	17	0	54
	Feb 2017	29	25	4	28	28	0	28	6753.04	17	0	28
	Mar 2017	46	30	6	36	36	0	36	6753.04	17	5	31
	Apr 2017	101	64	12	77	77	0	77	6753.04	17	30	47
	May 2017	281	265	34	299	134	165	299	6753.04	17	55	244
	Jun 2017	315	88	34	122	122	0	122	6753.04	17	60	62
	Jul 2017	138	87	14	102	102	0	102	6753.04	17	65	37
	Aug 2017	75	91	8	100	100	0	100	6753.04	17	65	35
	Sep 2017	47	90	6	96	96	0	96	6753.04	17	55	41
	WY 2017	**1178**	**945**	**140**	**1086**	**921**	**165**	**1086**			**365**	**721**
	Oct 2017	47	78	6	84	84	0	84	6753.04	17	30	54
	Nov 2017	38	59	5	64	64	0	64	6753.04	17	0	64
	Dec 2017	32	93	5	98	98	0	98	6753.04	17	0	98
	Jan 2018	31	39	5	44	44	0	44	6753.04	17	0	44
	Feb 2018	29	34	4	37	37	0	37	6753.04	17	0	37
	Mar 2018	46	42	6	48	48	0	48	6753.04	17	5	43
	Apr 2018	101	74	12	87	87	0	87	6753.04	17	30	57

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2016 24-Month Study

Most Probable Inflow*

Vallecito Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	May 2015	43	31	7662.94	120
H	Jun 2015	106	103	7664.05	123
I	Jul 2015	37	42	7661.73	117
S	Aug 2015	13	35	7652.83	94
T	Sep 2015	11	29	7645.08	75
	WY 2015	**294**	**285**		
O	Oct 2015	17	15	7645.65	77
R	Nov 2015	11	5	7648.25	83
I	Dec 2015	7	4	7649.57	86
C	Jan 2016	6	7	7649.21	85
A	Feb 2016	7	6	7649.77	86
L	Mar 2016	14	6	7652.71	94
*	Apr 2016	25	13	7657.23	105
	May 2016	54	35	7664.10	123
	Jun 2016	54	54	7663.82	122
	Jul 2016	22	41	7656.15	102
	Aug 2016	16	38	7647.07	80
	Sep 2016	13	29	7639.61	63
	WY 2016	**245**	**254**		
	Oct 2016	13	17	7637.83	60
	Nov 2016	8	4	7639.91	64
	Dec 2016	6	4	7641.12	67
	Jan 2017	5	4	7641.87	68
	Feb 2017	5	3	7642.47	70
	Mar 2017	9	4	7644.59	74
	Apr 2017	23	4	7652.81	94
	May 2017	71	42	7664.10	123
	Jun 2017	70	70	7664.10	123
	Jul 2017	29	42	7659.12	110
	Aug 2017	20	38	7651.80	91
	Sep 2017	17	30	7646.55	79
	WY 2017	**277**	**259**		
	Oct 2017	16	17	7645.78	77
	Nov 2017	9	4	7647.97	82
	Dec 2017	6	4	7649.06	85
	Jan 2018	5	4	7649.74	86
	Feb 2018	5	3	7650.29	88
	Mar 2018	9	4	7652.23	92
	Apr 2018	23	4	7659.88	112

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Managing Water in the West

May 2016 24-Month Study

Most Probable Inflow*

Navajo Reservoir

	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azetea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Farmington Flow (1000 Ac-Ft)
*	May 2015	178	24	144	3	23	21	6053.44	1267	95
H	Jun 2015	285	38	241	4	20	21	6068.60	1461	255
I	Jul 2015	76	9	72	5	39	27	6068.68	1462	93
S	Aug 2015	15	1	36	4	33	42	6065.47	1419	63
T	Sep 2015	15	0	33	3	25	33	6063.41	1392	48
	WY 2015	**900**	**90**	**797**	**27**	**170**	**289**			**890**
O	Oct 2015	42	1	40	2	9	29	6063.43	1392	55
R	Nov 2015	37	1	30	1	0	21	6064.00	1400	39
I	Dec 2015	23	0	19	1	0	21	6063.81	1397	34
C	Jan 2016	22	0	23	1	0	22	6063.77	1396	34
A	Feb 2016	41	2	38	1	1	28	6064.39	1405	43
L	Mar 2016	81	7	67	2	4	25	6067.08	1441	52
*	Apr 2016	119	13	95	3	19	23	6070.75	1491	59
	May 2016	195	27	150	4	31	86	6072.80	1520	191
	Jun 2016	170	27	144	4	49	289	6057.85	1321	405
	Jul 2016	35	5	50	4	53	48	6053.34	1265	98
	Aug 2016	28	1	49	3	44	23	6051.50	1243	54
	Sep 2016	31	1	46	3	24	22	6051.29	1241	47
	WY 2016	**824**	**84**	**750**	**28**	**236**	**638**			**1113**
	Oct 2016	38	1	40	2	9	23	6051.88	1248	47
	Nov 2016	30	0	25	1	0	22	6052.05	1250	39
	Dec 2016	25	0	22	1	0	23	6051.94	1249	38
	Jan 2017	22	0	20	1	0	23	6051.65	1245	37
	Feb 2017	30	0	29	1	0	21	6052.25	1252	33
	Mar 2017	92	2	86	2	5	23	6056.84	1308	45
	Apr 2017	170	14	136	2	20	22	6063.99	1399	75
	May 2017	277	40	207	4	34	77	6070.82	1492	223
	Jun 2017	224	34	189	4	50	297	6058.54	1329	449
	Jul 2017	66	7	71	4	55	95	6051.75	1246	163
	Aug 2017	45	1	62	3	46	23	6050.82	1235	62
	Sep 2017	43	1	55	3	26	22	6051.17	1239	55
	WY 2017	**1063**	**102**	**943**	**27**	**245**	**672**			**1265**
	Oct 2017	47	2	47	2	9	23	6052.24	1252	51
	Nov 2017	34	1	28	1	0	22	6052.60	1256	40
	Dec 2017	25	0	22	1	0	23	6052.49	1255	38
	Jan 2018	22	0	20	1	0	23	6052.20	1252	37
	Feb 2018	30	0	29	1	0	21	6052.80	1259	33
	Mar 2018	92	2	85	2	5	23	6057.34	1314	45
	Apr 2018	170	15	136	3	21	22	6064.41	1405	75

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Managing Water in the West

May 2016 24-Month Study

Most Probable Inflow*

Lake Powell

	Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry Gage (1000 Ac-Ft)
*	May 2015	1613	1431	25	699	0	699	3597.27	4973	11491	708
H	Jun 2015	3389	2570	44	800	0	800	3613.54	5101	13090	801
I	Jul 2015	1072	1002	55	1048	0	1048	3612.62	5093	12996	1076
S	Aug 2015	313	466	54	799	0	799	3609.07	5065	12637	814
T	Sep 2015	276	435	49	714	0	714	3606.01	5040	12333	726
	WY 2015	**10174**	**9419**	**368**	**8868**	**132**	**9000**				**9136**
O	Oct 2015	535	680	34	600	0	600	3606.44	5044	12375	609
R	Nov 2015	421	506	32	577	0	577	3605.47	5036	12280	583
I	Dec 2015	266	393	26	857	0	857	3600.80	5000	11827	863
C	Jan 2016	300	433	8	857	0	857	3596.58	4968	11427	865
A	Feb 2016	396	490	8	700	0	700	3594.41	4952	11224	704
L	Mar 2016	553	486	14	694	0	694	3592.18	4935	11019	707
*	Apr 2016	814	681	22	665	0	665	3592.12	4935	11014	681
	May 2016	1640	1508	26	699	0	699	3599.88	4993	11738	707
	Jun 2016	2300	2197	44	800	0	800	3612.58	5093	12991	807
	Jul 2016	750	751	54	950	0	950	3610.27	5074	12757	966
	Aug 2016	380	491	53	900	0	900	3605.97	5040	12329	915
	Sep 2016	350	459	48	700	0	700	3603.24	5019	12062	713
	WY 2016	**8706**	**9075**	**368**	**9000**	**0**	**9000**				**9121**
	Oct 2016	464	539	33	600	0	600	3602.34	5012	11975	609
	Nov 2016	450	479	32	600	0	600	3600.87	5000	11833	604
	Dec 2016	363	438	25	800	0	800	3597.09	4972	11475	803
	Jan 2017	361	435	8	800	0	800	3593.39	4944	11130	807
	Feb 2017	393	421	8	650	0	650	3590.99	4927	10911	654
	Mar 2017	665	581	13	650	0	650	3590.16	4920	10835	655
	Apr 2017	1056	872	21	600	0	600	3592.70	4939	11067	609
	May 2017	2343	2124	27	650	0	650	3606.76	5046	12407	658
	Jun 2017	2666	2443	46	800	0	800	3621.15	5165	13885	807
	Jul 2017	1091	1042	58	1000	0	1000	3621.01	5163	13871	1016
	Aug 2017	500	568	57	1050	0	1050	3616.27	5123	13371	1065
	Sep 2017	408	510	51	800	0	800	3613.20	5098	13056	813
	WY 2017	**10760**	**10452**	**379**	**9000**	**0**	**9000**				**9102**
	Oct 2017	512	583	35	600	0	600	3612.73	5094	13007	609
	Nov 2017	473	540	34	600	0	600	3611.88	5087	12920	604
	Dec 2017	363	497	27	800	0	800	3608.85	5063	12615	803
	Jan 2018	361	441	8	800	0	800	3605.42	5036	12275	807
	Feb 2018	393	444	9	650	0	650	3603.38	5020	12076	654
	Mar 2018	665	609	15	650	0	650	3602.85	5016	12024	655
	Apr 2018	1056	898	24	600	0	600	3605.45	5036	12278	609

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Managing Water in the West

May 2016 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Glen Release (1000 Ac-Ft)	Side Inflow Glen to Hoover (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	May 2015	699	25	43	871	14.2	25	862	632	1076.57	9729
H	Jun 2015	800	16	52	868	14.6	25	868	624	1075.08	9607
I	Jul 2015	1048	80	65	767	12.5	28	766	641	1078.15	9858
S	Aug 2015	799	114	70	803	13.1	27	802	642	1078.31	9871
T	Sep 2015	714	72	58	723	12.1	24	722	641	1078.10	9854
	WY 2015	**9000**	**722**	**540**	**9246**		**221**	**9215**			
O	Oct 2015	600	118	42	578	9.4	20	577	645	1078.99	9927
R	Nov 2015	577	41	42	631	10.6	12	630	641	1078.23	9865
I	Dec 2015	857	43	36	619	10.1	9	618	656	1080.91	10087
C	Jan 2016	857	89	30	662	10.8	8	661	671	1083.68	10318
A	Feb 2016	700	81	28	699	12.2	10	698	673	1084.17	10360
L	Mar 2016	694	31	31	1008	16.4	18	1007	653	1080.45	10048
*	Apr 2016	665	69	38	1055	17.7	19	1055	630	1076.13	9693
	May 2016	699	37	43	937	15.2	29	937	613	1072.96	9436
	Jun 2016	800	21	51	912	15.3	27	912	603	1070.98	9278
	Jul 2016	950	78	64	818	13.3	27	818	610	1072.38	9390
	Aug 2016	900	124	69	753	12.2	24	753	621	1074.46	9557
	Sep 2016	700	112	57	741	12.5	18	741	621	1074.41	9553
	WY 2016	**9000**	**844**	**531**	**9414**		**220**	**9407**			
	Oct 2016	600	69	41	528	8.6	21	528	626	1075.32	9627
	Nov 2016	600	56	41	593	10.0	12	593	626	1075.44	9637
	Dec 2016	800	54	36	544	8.8	7	544	643	1078.51	9888
	Jan 2017	800	62	30	729	11.9	8	729	649	1079.60	9977
	Feb 2017	650	73	27	728	13.1	7	728	646	1079.15	9940
	Mar 2017	650	55	30	1034	16.8	15	1034	623	1074.85	9589
	Apr 2017	600	53	37	1097	18.4	21	1097	593	1068.97	9118
	May 2017	650	37	41	990	16.1	29	990	570	1064.49	8767
	Jun 2017	800	21	49	884	14.9	29	884	561	1062.77	8634
	Jul 2017	1000	78	62	840	13.7	31	840	570	1064.54	8771
	Aug 2017	1050	124	66	760	12.4	29	760	590	1068.38	9071
	Sep 2017	800	112	55	727	12.2	16	727	597	1069.73	9178
	WY 2017	**9000**	**795**	**517**	**9454**		**223**	**9454**			
	Oct 2017	600	69	41	481	7.8	20	481	604	1071.23	9297
	Nov 2017	600	56	41	619	10.4	11	619	603	1071.06	9284
	Dec 2017	800	54	35	570	9.3	7	570	618	1073.89	9511
	Jan 2018	800	62	29	691	11.2	15	691	626	1075.35	9630
	Feb 2018	650	73	27	662	11.9	18	662	627	1075.53	9644
	Mar 2018	650	55	30	1006	16.4	24	1006	605	1071.40	9311
	Apr 2018	600	53	36	1055	17.7	28	1055	577	1065.86	8873

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3009

Processed On: 5/12/2016 8:22:04AM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2016 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	May 2015	871	-10	22	854	0	854	13.9	643.30	1707
H	Jun 2015	868	-19	26	810	0	810	13.6	643.81	1721
I	Jul 2015	767	-14	25	762	0	762	12.4	642.57	1687
S	Aug 2015	803	-16	23	775	0	775	12.6	642.12	1675
T	Sep 2015	723	-16	18	758	0	758	12.7	639.56	1606
	WY 2015	**9246**	**-142**	**198**	**8945**	**0**	**8945**			
O	Oct 2015	578	-7	15	655	0	655	10.7	635.80	1507
R	Nov 2015	631	-14	10	599	0	599	10.1	636.11	1514
I	Dec 2015	619	-13	9	527	0	527	8.6	638.77	1585
C	Jan 2016	662	-32	10	553	0	553	9.0	641.26	1651
A	Feb 2016	699	-20	10	675	0	675	11.7	641.04	1645
L	Mar 2016	1008	-16	13	921	0	921	15.0	643.17	1703
*	Apr 2016	1055	-18	17	979	0	979	16.4	644.70	1746
	May 2016	937	-13	22	949	0	949	15.4	643.00	1699
	Jun 2016	912	-16	25	870	0	870	14.6	643.00	1699
	Jul 2016	818	-13	25	820	0	820	13.3	641.50	1658
	Aug 2016	753	-11	23	719	0	719	11.7	641.50	1658
	Sep 2016	741	-9	18	755	0	755	12.7	640.01	1617
	WY 2016	**9414**	**-182**	**197**	**9022**	**0**	**9022**			
	Oct 2016	528	-1	15	695	0	695	11.3	633.00	1434
	Nov 2016	593	-8	10	523	0	523	8.8	635.00	1486
	Dec 2016	544	-12	9	426	0	426	6.9	638.71	1583
	Jan 2017	729	-14	10	622	0	622	10.1	641.80	1666
	Feb 2017	728	-14	10	705	0	705	12.7	641.80	1666
	Mar 2017	1034	-16	13	971	0	971	15.8	643.05	1700
	Apr 2017	1097	-19	17	1063	0	1063	17.9	643.00	1699
	May 2017	990	-13	22	955	0	955	15.5	643.00	1699
	Jun 2017	884	-16	25	869	0	869	14.6	642.00	1671
	Jul 2017	840	-13	25	815	0	815	13.2	641.50	1658
	Aug 2017	760	-11	23	726	0	726	11.8	641.50	1658
	Sep 2017	727	-9	18	741	0	741	12.4	640.01	1617
	WY 2017	**9454**	**-146**	**197**	**9110**	**0**	**9110**			
	Oct 2017	481	-1	15	648	0	648	10.5	633.00	1434
	Nov 2017	619	-8	10	550	0	550	9.2	635.00	1486
	Dec 2017	570	-12	9	452	0	452	7.3	638.71	1583
	Jan 2018	691	-14	10	584	0	584	9.5	641.80	1666
	Feb 2018	662	-14	10	639	0	639	11.5	641.80	1666
	Mar 2018	1006	-16	13	943	0	943	15.3	643.05	1700
	Apr 2018	1055	-19	17	1021	0	1021	17.2	643.00	1699

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3009

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2016 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	May 2015	854	21	13	559	9.1	108	177	448.50	590	113	1.8
H	Jun 2015	810	19	16	615	10.3	104	77	448.89	597	109	1.8
I	Jul 2015	762	18	17	592	9.6	107	70	447.99	580	107	1.7
S	Aug 2015	775	16	17	580	9.4	107	70	448.30	586	93	1.5
T	Sep 2015	758	19	15	487	8.2	104	168	448.04	581	90	1.5
	WY 2015	**8945**	**179**	**140**	**6135**		**1195**	**1566**			**1510**	
O	Oct 2015	655	34	12	458	7.5	101	115	447.88	578	59	1.0
R	Nov 2015	599	11	9	385	6.5	98	120	447.57	572	93	1.6
I	Dec 2015	527	22	7	321	5.2	101	130	446.92	560	105	1.7
C	Jan 2016	553	26	6	324	5.3	97	156	446.60	554	154	2.5
A	Feb 2016	675	10	8	543	9.4	13	117	446.50	552	180	3.1
L	Mar 2016	921	19	9	695	11.3	89	123	447.40	569	221	3.6
*	Apr 2016	979	19	11	689	11.6	93	169	448.89	597	202	3.4
	May 2016	949	16	13	668	10.9	99	180	448.50	590	97	1.6
	Jun 2016	870	14	15	682	11.5	96	76	448.50	590	89	1.5
	Jul 2016	820	29	17	660	10.7	99	69	448.00	580	92	1.5
	Aug 2016	719	26	17	556	9.0	99	69	447.50	571	94	1.5
	Sep 2016	755	23	15	517	8.7	96	140	447.50	570	89	1.5
	WY 2016	**9022**	**249**	**140**	**6498**		**1080**	**1464**			**1476**	
	Oct 2016	695	27	12	469	7.6	99	135	447.50	571	65	1.1
	Nov 2016	523	22	9	374	6.3	59	97	447.50	571	103	1.7
	Dec 2016	426	19	7	288	4.7	62	102	446.50	552	115	1.9
	Jan 2017	622	13	6	388	6.3	82	154	446.50	552	154	2.5
	Feb 2017	705	12	8	485	8.7	73	143	446.50	552	180	3.2
	Mar 2017	971	4	9	724	11.8	82	150	446.70	555	206	3.4
	Apr 2017	1063	19	11	761	12.8	79	182	448.70	593	192	3.2
	May 2017	955	16	13	675	11.0	82	189	448.70	593	97	1.6
	Jun 2017	869	14	16	688	11.6	79	86	448.70	593	98	1.6
	Jul 2017	815	29	17	655	10.7	82	90	448.00	580	99	1.6
	Aug 2017	726	26	17	558	9.1	82	91	447.50	571	99	1.6
	Sep 2017	741	23	15	507	8.5	79	153	447.50	570	89	1.5
	WY 2017	**9110**	**224**	**139**	**6574**		**939**	**1572**			**1497**	
	Oct 2017	648	27	12	466	7.6	82	108	447.50	571	68	1.1
	Nov 2017	550	22	9	370	6.2	79	108	447.50	571	103	1.7
	Dec 2017	452	19	7	288	4.7	82	108	446.50	552	115	1.9
	Jan 2018	584	13	6	378	6.2	102	106	446.50	552	150	2.4
	Feb 2018	639	12	8	476	8.6	59	99	446.50	552	175	3.1
	Mar 2018	943	4	9	718	11.7	85	124	446.70	555	199	3.2
	Apr 2018	1021	19	11	757	12.7	99	124	448.70	593	185	3.1

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2016 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	May 2015	871	14.2	1076.57	9729	-202	432.58	1165.0	337.2	74	387.2
H	Jun 2015	868	14.6	1075.08	9607	-121	427.78	1573.0	332.0	100	382.4
I	Jul 2015	767	12.5	1078.15	9858	251	432.42	1455.0	292.7	94	381.4
S	Aug 2015	803	13.1	1078.31	9871	13	434.75	1451.0	307.8	93	383.4
T	Sep 2015	723	12.1	1078.10	9854	-17	435.36	1563.0	275.2	100	380.7
	WY 2015	**9246**							**3596.9**		
O	Oct 2015	578	9.4	1078.99	9927	73	435.13	1088.0	221.8	70	383.6
R	Nov 2015	631	10.6	1078.23	9865	-63	433.49	1088.0	244.8	70	387.9
I	Dec 2015	619	10.1	1080.91	10087	222	434.77	1069.0	241.9	68	390.9
C	Jan 2016	662	10.8	1083.68	10318	232	438.04	775.0	258.5	49	390.7
A	Feb 2016	699	12.2	1084.17	10360	41	437.39	880.0	277.0	55	396.1
L	Mar 2016	1008	16.4	1080.45	10048	-311	434.20	973.0	402.7	61	399.7
*	Apr 2016	1055	17.7	1076.13	9693	-355	429.37	1244.0	413.9	80	392.2
	May 2016	937	15.2	1072.96	9436	-257	423.35	1164.0	362.5	74	386.7
	Jun 2016	912	15.3	1070.98	9278	-158	418.57	1501.0	343.5	100	376.8
	Jul 2016	818	13.3	1072.38	9390	112	418.77	1507.0	310.0	100	379.0
	Aug 2016	753	12.2	1074.46	9557	168	420.98	1519.0	284.3	100	377.5
	Sep 2016	741	12.5	1074.41	9553	-4	422.47	1519.0	281.5	100	379.6
	WY 2016	**9414**							**3642.4**		
	Oct 2016	528	8.6	1075.32	9627	74	427.59	1156.0	198.0	76	375.0
	Nov 2016	593	10.0	1075.44	9637	10	430.53	1139.0	228.4	75	385.4
	Dec 2016	544	8.8	1078.51	9888	251	428.83	1358.0	204.6	88	376.0
	Jan 2017	729	11.9	1079.60	9977	90	428.65	1367.0	280.0	88	384.3
	Feb 2017	728	13.1	1079.15	9940	-37	428.78	1246.0	284.3	80	390.4
	Mar 2017	1034	16.8	1074.85	9589	-351	426.03	1224.0	399.7	80	386.5
	Apr 2017	1097	18.4	1068.97	9118	-471	420.49	1212.0	423.3	81	385.9
	May 2017	990	16.1	1064.49	8767	-351	415.48	1176.0	370.5	80	374.1
	Jun 2017	884	14.9	1062.77	8634	-133	410.63	1458.0	325.1	100	367.9
	Jul 2017	840	13.7	1064.54	8771	137	411.15	1468.0	313.1	100	372.9
	Aug 2017	760	12.4	1068.38	9071	300	414.09	1490.0	282.3	100	371.7
	Sep 2017	727	12.2	1069.73	9178	107	417.14	1498.0	272.1	100	374.0
	WY 2017	**9454**							**3581.5**		
	Oct 2017	481	7.8	1071.23	9297	119	423.23	1150.7	182.5	76	379.4
	Nov 2017	619	10.4	1071.06	9284	-13	426.32	1130.1	237.5	75	383.9
	Dec 2017	570	9.3	1073.89	9511	227	424.37	1344.0	213.6	88	374.9
	Jan 2018	691	11.2	1075.35	9630	119	424.26	1354.9	261.0	88	377.9
	Feb 2018	662	11.9	1075.53	9644	14	424.88	1237.4	253.4	80	382.6
	Mar 2018	1006	16.4	1071.40	9311	-333	422.52	1216.7	383.8	80	381.6
	Apr 2018	1055	17.7	1065.86	8873	-438	417.23	1206.0	401.8	81	380.7

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2016 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	May 2015	854	13.9	643.30	1707	-16	141.92	252.5	110.0	99	128.8
H	Jun 2015	810	13.6	643.81	1721	14	144.85	255.0	104.6	100	129.1
I	Jul 2015	762	12.4	642.57	1687	-34	140.97	255.0	98.4	100	129.1
S	Aug 2015	775	12.6	642.12	1675	-12	142.40	255.0	99.2	100	127.9
T	Sep 2015	758	12.7	639.56	1606	-69	137.76	255.0	95.5	100	126.0
	WY 2015	**8945**							**1122.4**		
O	Oct 2015	655	10.7	635.80	1507	-99	136.05	211.7	81.6	83	124.5
R	Nov 2015	599	10.1	636.11	1514	8	136.53	165.8	72.5	65	121.0
I	Dec 2015	527	8.6	638.77	1585	70	135.98	155.6	65.1	61	123.6
C	Jan 2016	553	9.0	641.26	1651	67	141.86	163.2	71.9	64	129.9
A	Feb 2016	675	11.7	641.04	1645	-6		178.5	86.3	70	127.8
L	Mar 2016	921	15.0	643.17	1703	58	139.07	214.2	117.9	84	128.0
*	Apr 2016	979	16.4	644.70	1746	42	143.66	255.0	125.4	100	128.2
	May 2016	949	15.4	643.00	1699	-47	136.96	252.5	119.4	99	125.9
	Jun 2016	870	14.6	643.00	1699	0	136.04	255.0	109.1	100	125.4
	Jul 2016	820	13.3	641.50	1658	-41	135.25	255.0	102.6	100	125.1
	Aug 2016	719	11.7	641.50	1658	0	134.46	255.0	89.9	100	125.0
	Sep 2016	755	12.7	640.01	1617	-40	133.68	255.0	93.6	100	124.0
	WY 2016	**9022**							**1135.4**		
	Oct 2016	695	11.3	633.00	1434	-183	129.77	234.6	83.9	92	120.7
	Nov 2016	523	8.8	635.00	1486	51	128.06	204.0	62.5	80	119.3
	Dec 2016	426	6.9	638.71	1583	97	130.45	224.4	52.2	88	122.7
	Jan 2017	622	10.1	641.80	1666	83	135.03	191.3	77.4	75	124.5
	Feb 2017	705	12.7	641.80	1666	0	137.09	176.0	88.1	69	124.9
	Mar 2017	971	15.8	643.05	1700	34	135.44	255.0	121.0	100	124.5
	Apr 2017	1063	17.9	643.00	1699	-2	136.07	255.0	132.2	100	124.4
	May 2017	955	15.5	643.00	1699	0	136.04	255.0	119.5	100	125.1
	Jun 2017	869	14.6	642.00	1671	-27	135.51	255.0	108.6	100	124.9
	Jul 2017	815	13.2	641.50	1658	-14	134.73	255.0	101.6	100	124.7
	Aug 2017	726	11.8	641.50	1658	0	134.46	255.0	90.7	100	125.0
	Sep 2017	741	12.4	640.01	1617	-40	133.68	255.0	91.9	100	124.1
	WY 2017	**9110**							**1129.5**		
	Oct 2017	648	10.5	633.00	1434	-183	129.77	234.6	78.4	92	120.9
	Nov 2017	550	9.2	635.00	1486	51	128.06	204.0	65.5	80	119.2
	Dec 2017	452	7.3	638.71	1583	97	130.45	224.4	55.3	88	122.5
	Jan 2018	584	9.5	641.80	1666	83	135.03	191.3	72.8	75	124.7
	Feb 2018	639	11.5	641.80	1666	0	137.09	176.0	80.1	69	125.4
	Mar 2018	943	15.3	643.05	1700	34	135.44	255.0	117.5	100	124.7
	Apr 2018	1021	17.2	643.00	1699	-2	136.07	255.0	127.3	100	124.6

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2016 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	May 2015	559	9.1	448.50	590	8	81.62	112.8	39.5	94	70.7
H	Jun 2015	615	10.3	448.89	597	7	79.48	120.0	43.6	100	70.8
I	Jul 2015	592	9.6	447.99	580	-17	81.75	120.0	41.8	100	70.7
S	Aug 2015	580	9.4	448.30	586	6	82.40	120.0	40.9	100	70.4
T	Sep 2015	487	8.2	448.04	581	-5	82.23	120.0	34.6	100	71.1
	WY 2015	**6135**							**430.7**		
O	Oct 2015	458	7.5	447.88	578	-3	81.97	91.2	32.3	76	70.6
R	Nov 2015	385	6.5	447.57	572	-6	83.21	96.0	27.1	80	70.3
I	Dec 2015	321	5.2	446.92	560	-12	82.51	120.0	21.9	100	68.4
C	Jan 2016	324	5.3	446.60	554	-6	80.76	94.8	22.3	79	68.8
A	Feb 2016	528	9.4	446.50	552	-2	78.54	87.6	38.1	73	72.2
L	Mar 2016	695	11.3	447.40	569	17	81.63	104.4	48.9	87	70.3
*	Apr 2016	689	11.6	448.89	597	28	83.09	120.0	48.4	100	70.3
	May 2016	668	10.9	448.50	590	-8	76.04	120.0	44.3	100	66.4
	Jun 2016	682	11.5	448.50	590	0	75.86	120.0	45.3	100	66.3
	Jul 2016	660	10.7	448.00	580	-9	75.61	120.0	43.6	100	66.0
	Aug 2016	556	9.0	447.50	571	-10	75.13	120.0	36.3	100	65.3
	Sep 2016	517	8.7	447.50	570	0	74.89	120.0	33.6	100	65.0
	WY 2016	**6484**							**442.2**		
	Oct 2016	469	7.6	447.50	571	0	75.74	100.8	30.7	84	65.4
	Nov 2016	374	6.3	447.50	571	0	75.92	97.2	24.3	81	65.0
	Dec 2016	288	4.7	446.50	552	-19	74.40	120.0	18.1	100	62.7
	Jan 2017	388	6.3	446.50	552	0	75.13	93.6	25.0	78	64.5
	Feb 2017	485	8.7	446.50	552	0	74.71	102.0	31.6	85	65.1
	Mar 2017	724	11.8	446.70	555	4	74.01	120.0	47.0	100	65.0
	Apr 2017	761	12.8	448.70	593	38	75.08	120.0	50.2	100	65.9
	May 2017	675	11.0	448.70	593	0	76.05	120.0	44.8	100	66.4
	Jun 2017	688	11.6	448.70	593	0	76.05	120.0	45.8	100	66.5
	Jul 2017	655	10.7	448.00	580	-13	75.71	120.0	43.3	100	66.1
	Aug 2017	558	9.1	447.50	571	-9	75.13	120.0	36.4	100	65.3
	Sep 2017	507	8.5	447.50	570	0	74.89	120.0	32.9	100	65.0
	WY 2017	**6574**							**430.2**		
	Oct 2017	466	7.6	447.50	571	0	75.74	100.8	30.5	84	65.4
	Nov 2017	370	6.2	447.50	571	0	75.92	97.2	24.0	81	64.9
	Dec 2017	288	4.7	446.50	552	-19	74.40	120.0	18.1	100	62.6
	Jan 2018	378	6.2	446.50	552	0	74.89	98.4	24.3	82	64.2
	Feb 2018	476	8.6	446.50	552	0	75.07	94.8	31.1	79	65.4
	Mar 2018	718	11.7	446.70	555	4	74.01	120.0	46.6	100	65.0
	Apr 2018	757	12.7	448.70	593	38	75.08	120.0	49.9	100	65.9

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3009

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2016 24-Month Study

Most Probable Inflow*

Upper Basin Power

	Date	Glen Canyon 1000 MWHR	Flaming Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Reservoir 1000 MWHR	Fontenelle Reservoir 1000 MWHR
*	May 2015	299	65	21	30	18	8
H	Jun 2015	348	40	38	67	21	9
I	Jul 2015	471	42	41	53	22	8
S	Aug 2015	357	42	32	38	21	7
T	Sep 2015	317	40	28	37	18	0
	Summer 2015	**2049**	**256**	**173**	**241**	**111**	**39**
O	Oct 2015	264	52	26	32	0	4
R	Nov 2015	256	52	13	15	0	4
I	Dec 2015	378	53	18	16	7	4
C	Jan 2016	373	52	17	22	13	3
A	Feb 2016	302	45	16	21	12	4
L	Mar 2016	298	20	10	11	7	4
	Winter 2016	**1871**	**274**	**100**	**118**	**38**	**23**
*	Apr 2016	288	19	18	25	16	4
	May 2016	273	35	45	62	23	7
	Jun 2016	319	62	13	21	15	8
	Jul 2016	383	33	25	31	16	9
	Aug 2016	360	33	28	35	18	8
	Sep 2016	278	32	25	31	16	6
	Summer 2016	**1901**	**214**	**155**	**204**	**103**	**41**
	Oct 2016	238	33	23	29	15	6
	Nov 2016	237	32	8	10	6	5
	Dec 2016	314	33	14	18	9	5
	Jan 2017	312	33	14	18	9	5
	Feb 2017	252	30	6	9	5	4
	Mar 2017	251	33	8	11	6	4
	Winter 2017	**1603**	**194**	**73**	**94**	**50**	**29**
	Apr 2017	232	32	16	23	13	5
	May 2017	256	49	61	96	23	7
	Jun 2017	324	74	20	32	21	9
	Jul 2017	412	39	25	31	18	10
	Aug 2017	430	39	27	33	17	10
	Sep 2017	325	38	27	32	17	7
	Summer 2017	**1978**	**271**	**176**	**247**	**109**	**46**
	Oct 2017	243	39	23	28	14	6
	Nov 2017	242	38	17	21	11	6
	Dec 2017	322	39	27	34	17	6
	Jan 2018	320	39	11	14	8	5
	Feb 2018	258	35	9	12	6	4
	Mar 2018	258	39	11	15	8	4
	Winter 2018	**1385**	**189**	**87**	**109**	**56**	**27**
	Apr 2018	238	37	19	27	15	6

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3009

Processed On: 5/12/2016 8:22:04AM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2016 24-Month Study

Most Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions

Date	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Total KAF	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****EFFECTIVE SPACE****										
May 2016	706	259	205	13308	14479	17684	32163	276	171	-81	366	13308	17684	31359	1500	937	0	29.2
Jun 2016	638	270	176	12584	13668	17941	31608	196	171	-144	223	12584	17941	30747	1500	912	0	30.4
Jul 2016	519	121	375	11331	12346	18099	30445	64	5	2	71	11331	18099	29501	1500	818	0	30.2
								****CREDITABLE SPACE****										
Aug 2016	472	112	431	11565	12579	17987	30567	472	112	431	1014	11565	17987	30567	1500	753	0	29.8
Sep 2016	512	149	453	11993	13106	17820	30926	512	149	453	1113	11993	17820	30926	2270	741	0	29.4
Oct 2016	569	189	455	12260	13473	17824	31297	569	189	455	1213	12260	17824	31297	3040	528	0	29.1
Nov 2016	616	225	448	12347	13637	17750	31387	616	225	448	1290	12347	17750	31387	3810	593	0	29.0
Dec 2016	660	220	446	12489	13815	17740	31555	660	220	446	1326	12489	17740	31555	4580	544	0	28.9
Jan 2017	717	240	447	12847	14252	17489	31741	717	240	447	1405	12847	17489	31741	5350	729	0	28.7
								****EFFECTIVE SPACE****										
Jan 2017	717	240	447	12847	14252	17489	31741	372	223	180	776	12847	17489	31112	5350	729	0	28.7
Feb 2017	769	261	451	13192	14673	17400	32072	423	245	183	851	13192	17400	31442	1500	728	0	28.4
Mar 2017	809	259	444	13411	14923	17437	32359	460	245	175	880	13411	17437	31728	1500	1034	0	28.1
Apr 2017	801	248	388	13487	14924	17788	32712	449	235	113	796	13487	17788	32071	1500	1097	0	28.0
May 2017	762	227	297	13255	14541	18259	32800	403	211	-1	612	13255	18259	32126	1500	990	0	29.2
Jun 2017	662	264	204	11915	13045	18610	31655	292	229	-132	389	11915	18610	30914	1500	884	0	30.7
Jul 2017	489	96	367	10437	11389	18743	30131	104	36	-24	116	10437	18743	29295	1500	840	0	30.8
								****CREDITABLE SPACE****										
Aug 2017	403	62	450	10451	11366	18606	29972	403	62	450	915	10451	18606	29972	1500	760	0	30.5
Sep 2017	435	78	461	10951	11925	18306	30231	435	78	461	974	10951	18306	30231	2270	727	0	30.2
Oct 2017	495	120	457	11266	12337	18199	30536	495	120	457	1071	11266	18199	30536	3040	481	0	30.0
Nov 2017	549	152	444	11315	12459	18080	30539	549	152	444	1144	11315	18080	30539	3810	619	0	29.9
Dec 2017	603	177	440	11402	12621	18093	30714	603	177	440	1219	11402	18093	30714	4580	570	0	29.7
Jan 2018	675	241	441	11707	13064	17866	30930	675	241	441	1357	11707	17866	30930	5350	691	0	29.5
								****EFFECTIVE SPACE****										
Jan 2018	675	241	441	11707	13064	17866	30930	353	239	179	771	11707	17866	30343	5350	691	0	29.5
Feb 2018	742	252	444	12047	13486	17747	31233	419	251	181	852	12047	17747	30646	1500	662	0	29.3
Mar 2018	795	259	437	12246	13737	17733	31470	470	259	173	903	12246	17733	30882	1500	1006	0	29.0
Apr 2018	803	260	382	12298	13742	18066	31808	474	260	111	845	12298	18066	31209	1500	1055	0	29.0

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3009

Processed On: 5/12/2016 8:22:04AM

June 24-Month Study
Date: June 13, 2016

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

Reservoir	May Inflow (unregulated) (acre-feet)	Percent of Average (%)	June 12, Midnight Elevation (feet)	Reservoir Storage (acre-feet)
Fontenelle	186,000	113	6502.61	318,000
Flaming Gorge	362,000	148	6031.75	3,417,000
Blue Mesa	161,000	73	7503.68	692,000
Navajo	209,000	75	6075.49	1,558,000
Powell	2,294,000	98	3610.83	12,814,000

Expected Operations

The operation of Lake Powell and Lake Mead in this June 2016 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines) and reflects the 2016 Annual Operating Plan (AOP). Pursuant to the Interim Guidelines, the August 2015 24-Month Study projections of the January 1, 2016, system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2016.

Consistent with Section 6.B of the Interim Guidelines, the Lake Powell operational tier for water year 2016 is the Upper Elevation Balancing Tier. The April 2016 24-Month Study projected the end of water year elevation at Lake Powell to be above 3,575 feet and the end of water year elevation at Lake Mead to be below elevation 1,075.0 feet. Therefore, in accordance with Section 6.B.4 of the Interim Guidelines, Lake Powell operations shifted to "balancing releases" for the remainder of water year 2016. Under Section 6.B.4, the contents of Lake Powell and Lake Mead will be balanced by the end of the water year, but not more than 9.0 million acre-feet (maf) and not less than 8.23 maf shall be released from Lake Powell. Based on the most probable inflow forecast, this June 24-Month Study projects a balancing release of 9.0 maf in water year 2016.

Consistent with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar year 2016.

The Interim Guidelines are available for download at:
http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The 2016 AOP is available for download at:
http://www.usbr.gov/lc/region/g4000/aop/AOP16.pdf.

Fontenelle Reservoir – Fontenelle Reservoir is currently at elevation 6496 ft, which amounts to 79 percent of live storage capacity. Inflows for the month of May totaled 186,000 acre-feet (af), or 114 percent of average.

The Colorado Basin River Forecast Center has forecasted spring inflows that are below average. June, July and August forecasted inflow volumes amount to 280,000 af (94 percent of average), 93,000 af (52 percent of average), and 50,000 af (65 percent of average), respectively.

The next Fontenelle Working Group meeting is scheduled for 10:00 a.m., August 23, 2016. The meeting will be held at the Joint Powers Water Board offices in Green River, Wyoming. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir.

Flaming Gorge Reservoir – Flaming Gorge Dam is currently releasing 8,600 cubic feet per second (cfs). May precipitation was significantly above average and the June unregulated inflow forecast into Flaming Gorge for the April-July period has improved from 79 to 108 percent of average over a one month period.

The Record of Decision outlines spring operations based on the final May spring runoff forecast. The May forecast of 79 percent of average was on the cusp between the moderately dry and average hydrologic conditions of the Record of Decision and the average (below median) hydrologic condition on the Larval Trigger Study Plan. Reclamation will operate Flaming Gorge under the average (below median) hydrologic classification.

Unregulated inflow into Flaming Gorge Reservoir during the month of May was 362,000 af, or 149 percent of average. The reservoir elevation is 6,031.91 ft and decreasing.

The June final forecast for inflows for the next three months projects above and below average: with June, July and August forecasted inflow volumes at 418,000 af (107 percent of average), 140,000 af (67 percent of average), and 68,000 af (77 percent of average), respectively.

The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stakeholders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations and plans presented by Reclamation at these meetings. Meeting notes from past Working Group meetings are posted on the Working Group webpage. For more information on this group and these meetings please contact Dale Hamilton at 801-379-1186 or Heather Patno at 801-524-3883.

Reclamation will be holding the Flaming Gorge Working Group meeting on Tuesday, August 25, 2016, at 11:00 a.m. at the Utah Division of Wildlife Resources offices located at 318 North Vernal Avenue, Vernal, Utah.

Aspinall Unit Reservoirs – Crystal Dam is currently releasing 1500 cfs with 850 cfs being diverted through the Gunnison Tunnel and approximately 850 cfs flowing through the Black Canyon. The May forecast for the April-July period for Blue Mesa was increased from April to 525 kaf (78 percent of average). Under the Aspinall Record of Decision (ROD) the operational targets for the spring peak are in the average dry hydrologic classification which calls for a 10 day duration peak of 8,070 cfs at the Whitewater reach of the Gunnison River. In terms of the Black Canyon water right, the peak flow target in the Black Canyon, based on the May forecast, will be 3,349 cfs.

Crystal Dam operations will begin ramping up releases on May 11, 2016 to a maximum release of 4,100 cfs by May 15, 2016. On that day, Morrow Point releases will also be increased to fill the remaining space in Crystal Reservoir. By late afternoon on May 15, 2016, depending on side inflow conditions at Crystal Reservoir, spillway releases are anticipated to begin. These spillway releases will be controlled by releases from Morrow Point Dam to control peak releases in the Gunnison River to attempt achieve the ROD operational targets at Whitewater. These operations will exceed the Black Canyon water right peak flow target.

Inflows to Blue Mesa for the next three months are projected to be below average: with May, June and July forecasted inflow volumes of 155,000 af (74 percent of average), 210,000 af (80 percent of average) and 155,000 af (132 percent of average), respectively.

The Aspinall Unit Working Group is an open public forum for information exchange between Reclamation and the stakeholders of the Aspinall Unit. The public is encouraged to attend and comments on the operations and plans presented by Reclamation at these meetings. Meeting notes from past working Group meetings are posted on the Working Group webpage. For more information on this group and these meetings please contact Erik Knight in the Grand Junction Area Office at (970) 248-0629.

The next meeting of the Aspinall Unit Working Group will be held on Thursday August 18th at 1:00 pm at the Elk Creek Visitor Center at Blue Mesa Reservoir.

Navajo Reservoir – Navajo is currently releasing 4,000 cfs and is conducting a spring peak release. Releases are made for the authorized purposes of the Navajo Unit, and to attempt to maintain a target base flow through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell). The San Juan River Basin Recovery Implementation Program (SJRIP) recommends a target base flow of between 500 cfs and 1,000 cfs through the critical habitat area. The target base flow is calculated as the weekly average of gaged flows throughout the critical habitat area.

Modified unregulated inflow into Navajo during the month of May was 209 kaf, which was 75% of average. The reservoir elevation is 6075.3 ft and increasing.

Inflows for the next three months are projected to be below average: with June, July, and August forecasted inflow volumes at 186 kaf (83% of average), 31 kaf (47% of average), and 27 kaf (60% of average), respectively. The most probable April through July forecast is for 545 kaf (74% of average).

The spring peak release began May 18th. The release was reduced to 2000 cfs at the request of the San Juan County office of Emergency Management on May 25th due to safety and property concerns. Since that time, Reclamation has coordinated daily with the OEM to slowly increase releases with the goal of reaching 5,000 cfs. The ramp-down is scheduled to begin June 23rd, though the schedule may change if circumstances warrant.

Reclamation conducts Public Operations Meetings three times per year to gather input for determining upcoming operations for Navajo Reservoir. Input from individuals, organizations, and agencies along with other factors such as weather, water rights, endangered species requirements, flood control, hydro power, recreation, fish and wildlife management, and reservoir levels, will be considered in the development of these reservoir operation plans. In addition, the meetings are used to coordinate activities and exchange information among agencies, water users, and other interested parties concerning the San Juan River and Navajo Reservoir.

The next Navajo Public Operations Meeting is scheduled for August 23rd at 1pm at the Farmington Civic Center, Farmington, NM.

Glen Canyon Dam / Lake Powell

Current Status

The unregulated inflow volume to Lake Powell in May was 2,294 thousand acre-feet (kaf) (98 percent of average). The release volume from Glen Canyon Dam in May was 700 kaf. The end of May elevation and storage of Lake Powell were 3,604 ft (96 feet from full pool) and 12.1 maf (50% of full capacity), respectively. The reservoir reached a seasonal low elevation on April 15th near elevation 3591.14 feet. Since that time the reservoir elevation has been increasing and will continue to increase throughout mid-summer as runoff from snowmelt and precipitation enter the reservoir.

Current Operations

The operating tier for water year 2016 was established in August 2015 as the Upper Elevation Balancing Tier. The April 2016 24-Month Study established that Lake Powell operations will be governed by balancing for the remainder of water year 2016. Under balancing, the contents of Lake Powell and Lake Mead will be balanced by the end of the water year, but not more than 9.0 maf and not less than 8.23 maf shall be released from Lake Powell. Based on the most probable inflow forecast, this June 24-Month Study projects a balancing release of 9.0 maf in water year 2016; the actual release in water year 2016, however, will depend on hydrology in the remainder of water year and will

range from 8.23 to 9.0 maf. The projected release from Lake Powell in water year 2016 will be updated each month throughout the remainder of the water year. Reclamation will schedule operations at Glen Canyon Dam to achieve as practicably as possible the appropriate total annual release volume by September 30, 2016.

In June, the release volume will be approximately 800 kaf, with fluctuations anticipated between about 9,000 cfs in the nighttime to about 17,000 cfs in the daytime and consistent with the Glen Canyon Operating Criteria (Federal Register, Volume 62, No. 41, March 3, 1997). The anticipated release volume for July is 950 kaf with daily fluctuations between approximately 11,500 cfs and 19,500 cfs. The expected release for August is 900 kaf with daily fluctuations between approximately 10,000 cfs and 18,000 cfs.

In addition to daily scheduled fluctuations for power generation, the instantaneous releases from Glen Canyon Dam may also fluctuate to provide 40 megawatts (mw) of system regulation. These instantaneous release adjustments stabilize the electrical generation and transmission system and translate to a range of about 1,200 cfs above or below the hourly scheduled release rate. Under system normal conditions, fluctuations for regulation are typically short lived and generally balance out over the hour with minimal or no noticeable impacts on downstream river flow conditions.

Releases from Glen Canyon Dam can also fluctuate beyond scheduled releases when called upon to respond to unscheduled power outages or power system emergencies. Depending on the severity of the system emergency, the response from Glen Canyon Dam can be significant, within the full range of the operating capacity of the power plant for as long as is necessary to maintain balance in the transmission system. Glen Canyon Dam typically maintains 30 mw (approximately 880 cfs) of generation capacity in reserve in order to respond to a system emergency even when generation rates are already high. System emergencies occur fairly infrequently and typically require small responses from Glen Canyon Dam. However, these responses can have a noticeable impact on the river downstream of Glen Canyon Dam.

Inflow Forecasts and Model Projections

The April to July 2016 water supply forecast for unregulated inflow to Lake Powell, issued on June 3, 2016, by the Colorado Basin River Forecast Center, projects that the most probable (median) unregulated inflow volume will be 6.5 maf (91 percent of average based on the period 1981-2010). The forecast increased by 1,000 kaf since last month. There is still uncertainty regarding this year's water supply and the total inflow to Lake Powell. The spring runoff forecast ranges from a minimum probable of 3.85 maf (54 percent of average) to a maximum probable of 7.65 maf (107 percent of average). There is 10% chance that inflows could be higher than the maximum probable and a 10% chance they could be lower than the minimum probable.

As determined in the August 2015 24-Month Study, and documented in the 2016 Annual Operating Plan, Lake Powell's operations in water year 2016 will be governed by the Upper Elevation Balancing Tier. Because the April 2016 24-Month Study projected the

end of water year elevation at Lake Powell to be above 3,575 feet and the end of water year elevation at Lake Mead to be below elevation 1,075.0 feet, Lake Powell operations shifted to balancing (Section 6.B.4 of the 2007 Interim Guidelines) for the remainder of water year 2016. Under balancing, the contents of Lake Powell and Lake Mead will be balanced by the end of the water year, but not more than 9.0 maf and not less than 8.23 maf shall be released from Lake Powell.

Based on the June most probable inflow forecast, the annual release volume from Lake Powell during water year 2016 is projected to be 9.0 maf. Under the minimum probable inflow scenario, the water year release is projected to be 9.0 maf. Under the maximum probable inflow scenario, the release is projected to be 9.0 maf. There is 10% chance that inflows will be lower than the current minimum probable forecast, potentially resulting in lower releases. If inflows are less than the minimum probable forecast, the water year 2016 annual release could be as low as 8.23 maf. If inflows are greater than the current forecasted maximum probable inflow, the annual release will be 9.0 maf. The projected release from Lake Powell in water year 2016 will be updated each month throughout the remainder of the water year.

Based on the current forecast, the June 24-Month Study projects Lake Powell elevation will end water year 2016 near 3,611 ft with approximately 12.82 maf in storage (53% capacity). Projections of elevation and storage still have significant uncertainty at this point in the season, primarily due to uncertainty regarding runoff and the resulting inflow to Lake Powell. Under the minimum probable inflow scenario, updated in April, the projected end of water year elevation and storage are 3585 ft and 10.35 maf (43% capacity), respectively. Under the maximum probable inflow scenario, updated in April, the projected end of water year elevation and storage are 3622 ft and 14.01 maf (58% capacity), respectively. Modeling of projected reservoir operations based on the minimum and maximum scenarios will be updated again in August.

Upper Colorado River Basin Hydrology

The Upper Colorado River Basin regularly experiences significant year to year hydrologic variability. During the 16-year period 2000 to 2015, however, the unregulated inflow to Lake Powell, which is a good measure of hydrologic conditions in the Colorado River Basin, was above average in only 3 out of the past 16 years. The period 2000-2015 is the lowest 16-year period since the closure of Glen Canyon Dam in 1963, with an average unregulated inflow of 8.51 maf, or 79% of the 30-year average (1981-2010). (For comparison, the 1981-2010 total water year average is 10.83 maf.) The unregulated inflow during the 2000-2015 period has ranged from a low of 2.64 maf (24 percent of average) in water year 2002 to a high of 15.97 maf (147 percent of average) in water year 2011. The water year 2015 unregulated inflow volume to Lake Powell was 10.174 maf (94 percent of average), which, though still below average, was significantly higher than inflows observed in 2012 and 2013 (45% and 47 percent of average, respectively). Under the current most probable forecast, total water year 2016 unregulated inflows to Lake Powell is projected to be 9.70 maf (90 percent of average), and ranges from a minimum probable inflow of 6.86 maf (63%) and maximum probable inflow of 11.13 maf (103%).

At the beginning of water year 2016, total system storage in the Colorado River Basin was 30.3 maf (51% of 59.6 maf total system capacity). This is nearly the same as the total storage at the beginning of water year 2015 which began at 30.1 maf (50% of capacity). Since the beginning of water year 2000, total Colorado Basin storage has experienced year to year increases and decreases in response to wet and dry hydrology, ranging from a high of 94% of capacity at the beginning of 2000 to a low of 50% of capacity at the beginning of water year 2014. One wet year can significantly increase total system reservoir storage, just as persistent dry years can draw down the system storage. Based on current inflow forecasts, the current projected end of water year 2016 total Colorado Basin reservoir storage is approximately 30.3 maf (51% of capacity). The actual end of water year storage may vary from this projection, primarily due to uncertainty regarding this season's runoff and resulting reservoir inflow. Based on the April minimum and maximum probable inflow forecasts and modeling the range is approximately 27.6 maf (46%) to 31.4 maf (53%), respectively.

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-430
125 SOUTH STATE STREET, ROOM 6107
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-3709

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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:	Obs			may	Forecast			Outlook	
:	feb	mar	apr	may	%Avg	jun	jul	aug	apr-jul	%Avg
GLDA3:Lake Powell	396	553	814	2294	98%:	2650/	740/	380/	6500/:	91%
GBRW4:Fontenelle	34	50	91	186	114%:	280/	93/	50/	650/:	90%
GRNU1:Flaming Gorge	63	84	140	362	149%:	418/	140/	68/	1060/:	108%
BMDC2:Blue Mesa	26	41	75	161	73%:	255/	89/	50/	580/:	86%
MPSC2:Morrow Point	27	43	83	176	71%:	275/	91/	53/	625/:	84%
CLSC2:Crystal	30	48	92	194	69%:	305/	99/	58/	690/:	83%
TPIC2:Taylor Park	4.2	4.8	9.1	17.2	61%:	40/	17/	8/	83/:	84%
VCRC2:Vallecito	7.1	13.5	25	60	84%:	66/	21/	15/	172/:	89%
NVRN5:Navajo	41	81	119	209	75%:	186/	31/	27/	545/:	74%
LEMC2:Lemon	1.10	2.5	5.0	14.5	67%:	18/	4/	3/	42/:	76%
MPHC2:McPhee	6.4	19.9	45	101	81%:	70/	14/	9/	230/:	78%
RBSC2:Ridgway	4.6	5.4	9.4	18.5	72%:	45/	20/	10/	93/:	92%

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2016 24-Month Study

Most Probable Inflow*

Fontenelle Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jun 2015	332	3	101	229	330	6499.84	297
H	Jul 2015	126	3	91	17	108	6501.77	312
I	Aug 2015	53	2	83	1	84	6497.37	279
S	Sep 2015	37	2	0	61	61	6493.88	254
	WY 2015	**1210**	**16**	**930**	**324**	**1254**		
T	Oct 2015	46	1	46	15	61	6491.60	238
O	Nov 2015	40	1	56	1	57	6489.03	221
R	Dec 2015	36	1	58	0	58	6485.40	197
I	Jan 2016	32	1	49	10	58	6480.71	170
C	Feb 2016	34	0	55	0	55	6476.59	149
A	Mar 2016	50	1	58	0	58	6474.73	140
L	Apr 2016	91	1	56	0	56	6481.34	174
*	May 2016	186	2	86	20	106	6493.63	252
	Jun 2016	280	3	101	103	204	6503.50	326
	Jul 2016	93	3	99	0	99	6502.43	317
	Aug 2016	50	2	79	0	79	6498.34	287
	Sep 2016	50	2	64	0	64	6496.18	271
	WY 2016	**988**	**16**	**807**	**149**	**956**		
	Oct 2016	42	1	65	0	65	6492.78	247
	Nov 2016	40	1	63	0	63	6489.21	223
	Dec 2016	33	1	65	0	65	6484.17	191
	Jan 2017	28	1	65	0	65	6477.41	153
	Feb 2017	27	0	59	0	59	6470.52	121
	Mar 2017	43	0	65	0	65	6465.01	99
	Apr 2017	68	1	71	0	71	6463.96	95
	May 2017	135	1	94	10	105	6471.27	125
	Jun 2017	260	2	99	8	107	6496.83	276
	Jul 2017	170	3	104	21	125	6502.54	318
	Aug 2017	65	2	84	0	84	6499.80	297
	Sep 2017	44	2	70	0	70	6496.06	270
	WY 2017	**955**	**14**	**903**	**39**	**942**		
	Oct 2017	47	1	68	0	68	6493.03	249
	Nov 2017	42	1	65	0	65	6489.29	224
	Dec 2017	32	1	68	0	68	6483.64	188
	Jan 2018	30	1	68	0	68	6476.68	150
	Feb 2018	28	0	61	0	61	6469.22	116
	Mar 2018	53	0	68	0	68	6465.36	100
	Apr 2018	85	1	89	0	89	6464.21	96
	May 2018	164	1	96	8	105	6477.57	154

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3010

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2016 24-Month Study

Most Probable Inflow*

Flaming Gorge Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	Jun 2015	434	432	11	100	0	100	141	6034.01	3506	485
H	Jul 2015	157	140	14	104	0	104	142	6034.55	3528	195
I	Aug 2015	56	87	13	104	0	104	141	6033.81	3498	130
S	Sep 2015	39	62	11	100	1	101	139	6032.59	3450	127
	WY 2015	**1562**	**1606**	**82**	**1293**	**58**	**1352**				**2856**
T	Oct 2015	48	63	7	131	0	131	136	6030.73	3377	162
O	Nov 2015	38	55	4	131	0	131	133	6028.73	3300	176
R	Dec 2015	38	61	2	137	0	137	130	6026.75	3225	175
I	Jan 2016	44	71	2	134	0	134	127	6025.07	3163	211
C	Feb 2016	63	84	2	118	0	118	126	6024.11	3127	164
A	Mar 2016	84	93	3	51	0	51	127	6025.13	3165	131
L	Apr 2016	140	105	5	50	0	50	129	6026.43	3213	316
*	May 2016	362	282	8	52	0	52	138	6032.01	3427	701
	Jun 2016	418	342	11	284	87	371	136	6031.06	3390	996
	Jul 2016	140	146	14	108	0	108	137	6031.65	3413	208
	Aug 2016	68	97	13	108	0	108	136	6031.06	3390	133
	Sep 2016	47	61	11	104	0	104	134	6029.71	3338	119
	WY 2016	**1491**	**1459**	**82**	**1406**	**87**	**1493**				**3492**
	Oct 2016	61	84	7	108	0	108	133	6028.93	3308	138
	Nov 2016	59	82	3	104	0	104	132	6028.28	3283	139
	Dec 2016	40	72	2	108	0	108	131	6027.33	3247	136
	Jan 2017	45	82	2	108	0	108	130	6026.63	3221	133
	Feb 2017	45	77	2	97	0	97	129	6026.04	3199	121
	Mar 2017	92	114	3	108	0	108	129	6026.13	3202	178
	Apr 2017	130	133	5	104	0	104	130	6026.75	3226	314
	May 2017	200	170	8	119	0	119	131	6027.86	3267	639
	Jun 2017	315	162	10	186	0	186	130	6026.97	3234	676
	Jul 2017	212	167	13	95	0	95	132	6028.44	3289	177
	Aug 2017	76	95	13	95	0	95	132	6028.11	3277	116
	Sep 2017	50	76	11	92	0	92	131	6027.41	3250	107
	WY 2017	**1325**	**1312**	**79**	**1324**	**0**	**1324**				**2874**
	Oct 2017	55	76	7	95	0	95	130	6026.72	3224	123
	Nov 2017	50	73	3	92	0	92	129	6026.15	3203	122
	Dec 2017	35	71	2	95	0	95	128	6025.47	3178	121
	Jan 2018	40	78	2	95	0	95	127	6024.97	3159	120
	Feb 2018	45	78	2	86	0	86	127	6024.70	3149	114
	Mar 2018	102	117	3	95	0	95	127	6025.20	3167	172
	Apr 2018	134	137	5	92	0	92	129	6026.24	3206	307
	May 2018	245	186	8	126	0	126	131	6027.56	3256	658

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2016 24-Month Study

Most Probable Inflow*

Taylor Park Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jun 2015	62	50	9328.14	102
H	Jul 2015	21	28	9324.75	96
I	Aug 2015	9	22	9317.56	83
S	Sep 2015	7	18	9311.10	72
	WY 2015	**166**	**171**		
T	Oct 2015	7	8	9310.71	71
O	Nov 2015	5	6	9310.40	71
R	Dec 2015	5	6	9309.95	70
I	Jan 2016	6	6	9309.87	70
C	Feb 2016	4	5	9309.07	68
A	Mar 2016	5	6	9308.44	67
L	Apr 2016	9	6	9310.70	71
*	May 2016	17	11	9314.16	77
	Jun 2016	40	20	9325.29	97
	Jul 2016	17	22	9322.92	92
	Aug 2016	8	18	9317.69	83
	Sep 2016	6	15	9312.49	74
	WY 2016	**129**	**127**		
	Oct 2016	6	10	9310.01	70
	Nov 2016	5	6	9309.38	69
	Dec 2016	4	6	9308.10	67
	Jan 2017	4	6	9306.79	65
	Feb 2017	4	6	9305.12	62
	Mar 2017	4	6	9303.68	60
	Apr 2017	7	6	9304.24	61
	May 2017	25	10	9313.81	76
	Jun 2017	39	18	9325.42	97
	Jul 2017	14	20	9322.26	91
	Aug 2017	8	20	9315.58	79
	Sep 2017	7	16	9310.08	70
	WY 2017	**126**	**130**		
	Oct 2017	6	12	9306.45	64
	Nov 2017	5	6	9305.78	63
	Dec 2017	5	6	9304.89	62
	Jan 2018	4	6	9303.76	60
	Feb 2018	4	6	9302.22	58
	Mar 2018	4	6	9301.10	57
	Apr 2018	9	6	9303.07	59
	May 2018	28	20	9308.61	68

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3010

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2016 24-Month Study

Most Probable Inflow*

Blue Mesa Reservoir

	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jun 2015	368	356	1	125	62	192	7517.76	815
H	Jul 2015	131	137	2	135	10	145	7516.74	806
I	Aug 2015	59	73	1	105	0	105	7512.97	772
S	Sep 2015	39	50	1	95	0	95	7507.65	726
	WY 2015	**1042**	**1047**	**9**	**835**	**72**	**912**		
T	Oct 2015	33	34	1	87	0	87	7501.39	673
O	Nov 2015	30	31	0	45	0	45	7499.64	658
R	Dec 2015	27	28	0	62	0	62	7495.46	624
I	Jan 2016	27	27	0	61	0	61	7491.12	590
C	Feb 2016	26	27	0	59	0	58	7487.04	559
A	Mar 2016	41	42	0	36	0	37	7487.62	563
L	Apr 2016	75	72	1	63	0	63	7488.62	571
*	May 2016	161	155	1	134	19	153	7488.74	572
	Jun 2016	255	235	1	48	0	48	7511.29	757
	Jul 2016	89	94	2	89	0	89	7511.63	760
	Aug 2016	50	60	1	102	0	102	7506.58	716
	Sep 2016	36	45	1	95	0	95	7500.48	665
	WY 2016	**850**	**849**	**9**	**880**	**19**	**900**		
	Oct 2016	37	41	1	76	0	76	7496.12	630
	Nov 2016	31	32	0	25	0	25	7496.96	637
	Dec 2016	25	27	0	47	0	47	7494.44	616
	Jan 2017	24	26	0	47	0	47	7491.77	595
	Feb 2017	21	24	0	31	0	31	7490.78	587
	Mar 2017	32	34	0	38	0	38	7490.23	583
	Apr 2017	65	64	1	64	0	64	7490.16	583
	May 2017	200	185	1	204	35	239	7482.93	528
	Jun 2017	245	224	1	68	0	68	7502.53	682
	Jul 2017	92	98	1	81	0	81	7504.38	698
	Aug 2017	50	62	1	88	0	88	7501.13	671
	Sep 2017	38	47	1	87	0	87	7496.12	630
	WY 2017	**860**	**864**	**8**	**856**	**35**	**891**		
	Oct 2017	38	44	1	75	0	75	7492.15	598
	Nov 2017	31	32	0	57	0	57	7488.93	573
	Dec 2017	26	27	0	91	0	91	7480.38	509
	Jan 2018	24	26	0	37	0	37	7478.84	498
	Feb 2018	22	25	0	31	0	31	7477.92	491
	Mar 2018	36	38	0	38	0	38	7477.81	490
	Apr 2018	77	74	1	63	0	63	7479.29	501
	May 2018	221	213	1	202	3	205	7480.22	508

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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Managing Water in the West

June 2016 24-Month Study

Most Probable Inflow*

Morrow Point Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jun 2015	388	192	20	212	188	23	211	7154.42	113
H	Jul 2015	135	145	3	148	148	0	148	7154.93	113
I	Aug 2015	60	105	0	105	106	0	106	7153.74	112
S	Sep 2015	39	95	0	95	103	0	103	7143.98	104
	WY 2015	**1095**	**912**	**53**	**965**	**926**	**23**	**972**		
T	Oct 2015	34	87	0	87	93	0	93	7135.56	98
O	Nov 2015	31	45	1	46	47	0	47	7133.97	97
R	Dec 2015	28	62	1	62	46	1	47	7154.01	112
I	Jan 2016	27	61	1	62	64	0	64	7150.69	110
C	Feb 2016	27	58	1	60	61	0	61	7148.82	108
A	Mar 2016	43	37	2	39	36	0	36	7152.74	111
L	Apr 2016	83	63	7	71	71	0	71	7152.57	111
*	May 2016	176	153	15	168	176	4	180	7136.53	99
	Jun 2016	275	48	20	68	55	0	55	7153.73	112
	Jul 2016	91	89	2	91	91	0	91	7153.73	112
	Aug 2016	53	102	3	105	105	0	105	7153.73	112
	Sep 2016	39	95	3	98	98	0	98	7153.73	112
	WY 2016	**907**	**900**	**56**	**956**	**943**	**5**	**948**		
	Oct 2016	39	76	2	78	78	0	78	7153.73	112
	Nov 2016	33	25	2	27	27	0	27	7153.73	112
	Dec 2016	27	47	2	49	49	0	49	7153.73	112
	Jan 2017	26	47	2	49	49	0	49	7153.73	112
	Feb 2017	23	31	2	33	33	0	33	7153.73	112
	Mar 2017	35	38	3	41	41	0	41	7153.73	112
	Apr 2017	74	64	9	73	73	0	73	7153.73	112
	May 2017	220	239	20	259	259	0	259	7153.73	112
	Jun 2017	260	68	15	83	83	0	83	7153.73	112
	Jul 2017	95	81	3	84	84	0	84	7153.73	112
	Aug 2017	53	88	3	91	91	0	91	7153.73	112
	Sep 2017	40	87	2	89	89	0	89	7153.73	112
	WY 2017	**925**	**891**	**65**	**956**	**956**	**0**	**956**		
	Oct 2017	40	75	2	77	77	0	77	7153.73	112
	Nov 2017	33	57	2	59	59	0	59	7153.73	112
	Dec 2017	28	91	2	93	93	0	93	7153.73	112
	Jan 2018	27	37	2	39	39	0	39	7153.73	112
	Feb 2018	25	31	3	34	34	0	34	7153.73	112
	Mar 2018	40	38	4	42	42	0	42	7153.73	112
	Apr 2018	88	63	11	74	74	0	74	7153.73	112
	May 2018	247	205	26	231	231	0	231	7153.73	112

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2016 24-Month Study

Most Probable Inflow*

Crystal Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
*	Jun 2015	429	211	41	253	110	78	252	6755.80	18	55	209
H	Jul 2015	143	148	9	156	114	44	158	6751.21	16	65	96
I	Aug 2015	63	106	4	110	110	0	111	6749.17	16	65	47
S	Sep 2015	42	103	3	106	96	11	107	6744.61	15	57	50
	WY 2015	**1201**	**972**	**106**	**1078**	**843**	**171**	**1078**			**393**	**709**
T	Oct 2015	37	93	3	96	0	94	94	6750.81	16	51	44
O	Nov 2015	34	47	3	50	0	50	50	6750.12	16	0	51
R	Dec 2015	32	47	4	51	40	12	52	6747.07	15	1	53
I	Jan 2016	31	64	4	68	67	0	68	6748.20	16	1	69
C	Feb 2016	30	61	3	64	63	0	63	6752.48	17	0	65
A	Mar 2016	48	36	5	41	41	0	41	6752.32	17	2	41
L	Apr 2016	92	71	9	80	80	0	80	6751.41	16	47	36
*	May 2016	194	180	18	198	109	64	197	6753.13	17	51	154
	Jun 2016	305	55	30	85	85	0	85	6753.04	17	60	25
	Jul 2016	99	91	8	99	99	0	99	6753.04	17	65	34
	Aug 2016	58	105	5	110	110	0	110	6753.04	17	65	45
	Sep 2016	44	98	5	103	103	0	103	6753.04	17	55	48
	WY 2016	**1003**	**948**	**97**	**1045**	**797**	**220**	**1043**			**400**	**665**
	Oct 2016	43	78	4	82	82	0	82	6753.04	17	30	52
	Nov 2016	37	27	4	31	31	0	31	6753.04	17	0	31
	Dec 2016	31	49	4	53	53	0	53	6753.04	17	0	53
	Jan 2017	29	49	3	52	52	0	52	6753.04	17	0	52
	Feb 2017	25	33	2	35	35	0	35	6753.04	17	0	35
	Mar 2017	40	41	5	46	46	0	46	6753.04	17	5	41
	Apr 2017	84	73	10	83	83	0	83	6753.04	17	30	53
	May 2017	250	259	30	289	134	155	289	6753.04	17	55	234
	Jun 2017	290	83	30	113	113	0	113	6753.04	17	60	53
	Jul 2017	105	84	10	94	94	0	94	6753.04	17	65	29
	Aug 2017	60	91	7	98	98	0	98	6753.04	17	65	33
	Sep 2017	46	89	6	95	95	0	95	6753.04	17	55	40
	WY 2017	**1040**	**956**	**115**	**1071**	**916**	**155**	**1071**			**365**	**706**
	Oct 2017	46	77	6	83	83	0	83	6753.04	17	30	53
	Nov 2017	38	59	5	64	64	0	64	6753.04	17	0	64
	Dec 2017	32	93	5	98	98	0	98	6753.04	17	0	98
	Jan 2018	31	39	5	44	44	0	44	6753.04	17	0	44
	Feb 2018	29	34	4	37	37	0	37	6753.04	17	0	37
	Mar 2018	46	42	6	48	48	0	48	6753.04	17	5	43
	Apr 2018	101	74	12	87	87	0	87	6753.04	17	30	57
	May 2018	281	231	34	265	134	131	265	6753.04	17	55	210

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2016 24-Month Study

Most Probable Inflow*

Vallecito Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jun 2015	106	103	7664.05	123
H	Jul 2015	37	42	7661.73	117
I	Aug 2015	13	35	7652.83	94
S	Sep 2015	11	29	7645.08	75
	WY 2015	**294**	**285**		
T	Oct 2015	17	15	7645.65	77
O	Nov 2015	11	5	7648.25	83
R	Dec 2015	7	4	7649.57	86
I	Jan 2016	6	7	7649.21	85
C	Feb 2016	7	6	7649.77	86
A	Mar 2016	14	6	7652.71	94
L	Apr 2016	25	13	7657.23	105
*	May 2016	60	44	7663.23	121
	Jun 2016	66	67	7662.75	119
	Jul 2016	21	41	7654.62	98
	Aug 2016	15	38	7644.95	75
	Sep 2016	14	29	7637.77	60
	WY 2016	**262**	**275**		
	Oct 2016	11	17	7634.92	54
	Nov 2016	8	4	7637.10	58
	Dec 2016	6	4	7638.20	61
	Jan 2017	5	4	7638.79	62
	Feb 2017	4	3	7639.07	62
	Mar 2017	6	4	7640.08	64
	Apr 2017	20	4	7647.31	81
	May 2017	68	32	7661.70	117
	Jun 2017	60	53	7664.11	123
	Jul 2017	25	42	7657.60	106
	Aug 2017	17	38	7649.00	85
	Sep 2017	15	30	7642.48	70
	WY 2017	**245**	**232**		
	Oct 2017	14	17	7641.00	66
	Nov 2017	8	4	7643.15	71
	Dec 2017	6	4	7644.30	74
	Jan 2018	5	4	7645.02	75
	Feb 2018	5	3	7645.59	77
	Mar 2018	9	4	7647.63	81
	Apr 2018	23	4	7655.60	101
	May 2018	71	49	7664.11	123

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2016 24-Month Study

Most Probable Inflow*

Navajo Reservoir

	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azetea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Farmington Flow (1000 Ac-Ft)
*	Jun 2015	285	38	241	4	20	21	6068.60	1461	255
H	Jul 2015	76	9	72	5	39	27	6068.68	1462	93
I	Aug 2015	15	1	36	4	33	42	6065.47	1419	63
S	Sep 2015	15	0	33	3	25	33	6063.41	1392	48
	WY 2015	**900**	**90**	**797**	**27**	**170**	**289**			**890**
T	Oct 2015	42	1	40	2	9	29	6063.43	1392	55
O	Nov 2015	37	1	30	1	0	21	6064.00	1400	39
R	Dec 2015	23	0	19	1	0	21	6063.81	1397	34
I	Jan 2016	22	0	23	1	0	22	6063.77	1396	34
C	Feb 2016	41	2	38	1	1	28	6064.39	1405	43
A	Mar 2016	81	7	67	2	4	25	6067.08	1441	52
L	Apr 2016	119	13	94	3	19	22	6070.75	1491	59
*	May 2016	209	26	167	4	12	93	6074.87	1549	184
	Jun 2016	186	34	152	5	38	263	6063.71	1396	395
	Jul 2016	31	4	48	4	58	34	6059.97	1347	80
	Aug 2016	27	1	49	4	50	23	6057.79	1320	53
	Sep 2016	30	1	44	3	29	22	6056.99	1310	47
	WY 2016	**848**	**90**	**772**	**29**	**222**	**604**			**1076**
	Oct 2016	31	1	35	2	14	23	6056.70	1306	46
	Nov 2016	30	0	25	1	5	22	6056.42	1303	38
	Dec 2016	22	0	20	1	6	23	6055.64	1293	36
	Jan 2017	19	0	18	1	0	23	6055.15	1287	35
	Feb 2017	24	0	23	1	0	21	6055.28	1289	31
	Mar 2017	71	2	67	2	5	23	6058.28	1326	39
	Apr 2017	135	14	104	2	20	22	6062.92	1385	66
	May 2017	265	40	189	4	34	122	6065.06	1414	262
	Jun 2017	190	34	149	4	50	281	6050.13	1227	410
	Jul 2017	57	7	66	4	55	38	6047.51	1197	92
	Aug 2017	36	1	55	3	46	23	6046.01	1179	55
	Sep 2017	35	1	49	2	26	22	6045.88	1178	48
	WY 2017	**915**	**101**	**800**	**26**	**262**	**645**			**1160**
	Oct 2017	41	2	42	2	9	23	6046.62	1186	47
	Nov 2017	31	1	26	1	0	22	6046.85	1189	39
	Dec 2017	25	0	22	1	0	23	6046.73	1188	38
	Jan 2018	22	0	20	1	0	23	6046.43	1184	37
	Feb 2018	30	0	29	1	0	21	6047.06	1191	33
	Mar 2018	92	2	85	1	5	23	6051.82	1247	45
	Apr 2018	170	15	136	2	21	22	6059.21	1338	75
	May 2018	277	40	214	4	35	122	6063.32	1391	269

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2016 24-Month Study

Most Probable Inflow*

Lake Powell

	Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry Gage (1000 Ac-Ft)
*	Jun 2015	3389	2570	44	800	0	800	3613.54	5101	13090	801
H	Jul 2015	1072	1002	55	1048	0	1048	3612.62	5093	12996	1076
I	Aug 2015	313	466	54	799	0	799	3609.07	5065	12637	814
S	Sep 2015	276	435	49	714	0	714	3606.01	5040	12333	726
	WY 2015	**10174**	**9419**	**368**	**8868**	**132**	**9000**				**9136**
T	Oct 2015	535	680	34	600	0	600	3606.44	5044	12375	609
O	Nov 2015	421	506	32	577	0	577	3605.47	5036	12280	583
R	Dec 2015	266	393	26	857	0	857	3600.80	5000	11827	863
I	Jan 2016	300	433	8	857	0	857	3596.58	4968	11427	865
C	Feb 2016	396	490	8	700	0	700	3594.41	4952	11224	704
A	Mar 2016	553	486	14	694	0	694	3592.18	4935	11019	707
L	Apr 2016	814	681	22	665	0	665	3592.12	4935	11014	681
*	May 2016	2294	1925	26	700	0	700	3603.87	5024	12123	715
	Jun 2016	2650	2532	45	800	0	800	3619.26	5149	13685	807
	Jul 2016	740	772	57	950	0	950	3617.19	5131	13468	966
	Aug 2016	380	518	56	900	0	900	3613.27	5099	13063	915
	Sep 2016	350	489	50	699	0	699	3610.90	5079	12821	712
	WY 2016	**9700**	**9905**	**377**	**9000**	**0**	**9000**				**9128**
	Oct 2016	450	543	35	600	0	600	3610.06	5073	12737	609
	Nov 2016	450	487	33	600	0	600	3608.72	5062	12602	604
	Dec 2016	350	446	26	800	0	800	3605.17	5034	12250	803
	Jan 2017	320	410	8	800	0	800	3601.37	5004	11881	807
	Feb 2017	350	409	8	650	0	650	3598.95	4986	11650	654
	Mar 2017	550	531	14	650	0	650	3597.64	4976	11527	655
	Apr 2017	850	745	23	600	0	600	3598.84	4985	11640	609
	May 2017	2250	2139	28	650	0	650	3612.59	5093	12993	658
	Jun 2017	2600	2470	48	800	0	800	3626.77	5213	14494	807
	Jul 2017	850	765	60	1000	0	1000	3624.28	5191	14222	1016
	Aug 2017	420	512	58	1050	0	1050	3619.12	5147	13670	1065
	Sep 2017	340	445	52	800	0	800	3615.51	5117	13293	813
	WY 2017	**9780**	**9902**	**393**	**9000**	**0**	**9000**				**9102**
	Oct 2017	455	525	36	600	0	600	3614.52	5109	13190	609
	Nov 2017	447	507	34	600	0	600	3613.37	5099	13072	604
	Dec 2017	363	486	27	800	0	800	3610.26	5074	12757	803
	Jan 2018	361	430	8	800	0	800	3606.76	5046	12407	807
	Feb 2018	393	434	9	650	0	650	3604.64	5030	12198	654
	Mar 2018	665	598	15	650	0	650	3604.01	5025	12137	655
	Apr 2018	1056	887	24	600	0	600	3606.50	5044	12381	609
	May 2018	2343	2129	30	650	0	650	3619.62	5152	13723	658

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2016 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Glen Release (1000 Ac-Ft)	Side Inflow Glen to Hoover (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Jun 2015	800	16	52	868	14.6	25	868	624	1075.08	9607
H	Jul 2015	1048	80	65	767	12.5	28	766	641	1078.15	9858
I	Aug 2015	799	114	70	803	13.1	27	802	642	1078.31	9871
S	Sep 2015	714	72	58	723	12.1	24	722	641	1078.10	9854
	WY 2015	**9000**	**722**	**540**	**9246**		**221**	**9215**			
T	Oct 2015	600	118	42	578	9.4	20	577	645	1078.99	9927
O	Nov 2015	577	41	42	631	10.6	12	630	641	1078.23	9865
R	Dec 2015	857	43	36	619	10.1	9	618	656	1080.91	10087
I	Jan 2016	857	89	30	662	10.8	8	661	671	1083.68	10318
C	Feb 2016	700	81	28	699	12.2	10	698	673	1084.17	10360
A	Mar 2016	694	31	31	1008	16.4	18	1007	653	1080.45	10048
L	Apr 2016	665	68	38	1055	17.7	18	1055	630	1076.13	9693
*	May 2016	700	51	43	887	14.4	23	886	618	1073.80	9504
	Jun 2016	800	21	51	883	14.8	28	883	609	1072.15	9371
	Jul 2016	950	78	64	868	14.1	28	868	613	1072.94	9435
	Aug 2016	900	124	69	709	11.5	25	709	627	1075.51	9642
	Sep 2016	699	112	57	707	11.9	19	707	628	1075.82	9668
	WY 2016	**9000**	**856**	**532**	**9306**		**217**	**9299**			
	Oct 2016	600	69	42	486	7.9	22	486	636	1077.20	9780
	Nov 2016	600	56	42	639	10.7	13	639	633	1076.77	9745
	Dec 2016	800	54	36	590	9.6	8	590	647	1079.29	9952
	Jan 2017	800	62	30	729	11.8	8	729	653	1080.37	10042
	Feb 2017	650	73	27	728	13.1	7	728	650	1079.92	10004
	Mar 2017	650	55	30	1034	16.8	15	1034	627	1075.64	9653
	Apr 2017	600	53	37	1097	18.4	21	1097	597	1069.78	9182
	May 2017	650	37	42	990	16.1	29	990	574	1065.31	8831
	Jun 2017	800	21	50	884	14.9	29	884	565	1063.59	8698
	Jul 2017	1000	78	62	840	13.7	31	840	574	1065.35	8834
	Aug 2017	1050	124	67	760	12.4	29	760	594	1069.18	9134
	Sep 2017	800	112	56	727	12.2	16	727	601	1070.52	9241
	WY 2017	**9000**	**795**	**519**	**9504**		**226**	**9504**			
	Oct 2017	600	69	41	481	7.8	20	481	608	1072.01	9360
	Nov 2017	600	56	41	619	10.4	11	619	608	1071.84	9346
	Dec 2017	800	54	35	570	9.3	7	570	622	1074.66	9574
	Jan 2018	800	62	29	691	11.2	15	691	630	1076.13	9693
	Feb 2018	650	73	27	662	11.9	17	662	631	1076.32	9708
	Mar 2018	650	55	30	1006	16.4	23	1006	609	1072.21	9376
	Apr 2018	600	53	36	1055	17.7	26	1055	581	1066.70	8940
	May 2018	650	37	41	959	15.6	32	959	560	1062.52	8615

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2016 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Jun 2015	868	-19	26	810	0	810	13.6	643.81	1721
H	Jul 2015	767	-14	25	762	0	762	12.4	642.57	1687
I	Aug 2015	803	-16	23	775	0	775	12.6	642.12	1675
S	Sep 2015	723	-16	18	758	0	758	12.7	639.56	1606
	WY 2015	**9246**	**-142**	**198**	**8945**	**0**	**8945**			
T	Oct 2015	578	-7	15	655	0	655	10.7	635.80	1507
O	Nov 2015	631	-14	10	599	0	599	10.1	636.11	1514
R	Dec 2015	619	-13	9	527	0	527	8.6	638.77	1585
I	Jan 2016	662	-32	10	553	0	553	9.0	641.26	1651
C	Feb 2016	699	-20	10	675	0	675	11.7	641.04	1645
A	Mar 2016	1008	-16	13	921	0	921	15.0	643.17	1703
L	Apr 2016	1055	-18	17	979	0	979	16.4	644.70	1746
*	May 2016	887	-6	22	903	0	903	14.7	643.07	1701
	Jun 2016	883	-16	25	856	0	856	14.4	642.50	1685
	Jul 2016	868	-13	25	830	0	830	13.5	642.50	1685
	Aug 2016	709	-11	23	702	0	702	11.4	641.50	1658
	Sep 2016	707	-9	18	720	0	720	12.1	640.01	1617
	WY 2016	**9306**	**-175**	**198**	**8921**	**0**	**8921**			
	Oct 2016	486	-1	15	653	0	653	10.6	633.00	1434
	Nov 2016	639	-8	10	570	0	570	9.6	635.00	1486
	Dec 2016	590	-12	9	471	0	471	7.7	638.71	1583
	Jan 2017	729	-14	10	622	0	622	10.1	641.80	1666
	Feb 2017	728	-14	10	705	0	705	12.7	641.80	1666
	Mar 2017	1034	-16	13	971	0	971	15.8	643.05	1700
	Apr 2017	1097	-19	17	1063	0	1063	17.9	643.00	1699
	May 2017	990	-13	22	955	0	955	15.5	643.00	1699
	Jun 2017	884	-16	25	869	0	869	14.6	642.00	1671
	Jul 2017	840	-13	25	815	0	815	13.2	641.50	1658
	Aug 2017	760	-11	23	726	0	726	11.8	641.50	1658
	Sep 2017	727	-9	18	741	0	741	12.4	640.01	1617
	WY 2017	**9504**	**-146**	**197**	**9160**	**0**	**9160**			
	Oct 2017	481	-1	15	648	0	648	10.5	633.00	1434
	Nov 2017	619	-8	10	550	0	550	9.2	635.00	1486
	Dec 2017	570	-12	9	451	0	451	7.3	638.71	1583
	Jan 2018	691	-14	10	584	0	584	9.5	641.80	1666
	Feb 2018	662	-14	10	639	0	639	11.5	641.80	1666
	Mar 2018	1006	-16	13	943	0	943	15.3	643.05	1700
	Apr 2018	1055	-19	17	1021	0	1021	17.2	643.00	1699
	May 2018	959	-13	22	924	0	924	15.0	643.00	1699

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2016 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	Jun 2015	810	19	16	615	10.3	104	77	448.89	597	109	1.8
H	Jul 2015	762	18	17	592	9.6	107	70	447.99	580	107	1.7
I	Aug 2015	775	16	17	580	9.4	107	70	448.30	586	93	1.5
S	Sep 2015	758	19	15	487	8.2	104	168	448.04	581	90	1.5
	WY 2015	**8945**	**179**	**140**	**6135**		**1195**	**1566**			**1510**	
T	Oct 2015	655	34	12	458	7.5	101	115	447.88	578	59	1.0
O	Nov 2015	599	11	9	385	6.5	98	120	447.57	572	93	1.6
R	Dec 2015	527	22	7	321	5.2	101	130	446.92	560	105	1.7
I	Jan 2016	553	26	6	324	5.3	97	156	446.60	554	154	2.5
C	Feb 2016	675	10	8	543	9.4	13	117	446.50	552	180	3.1
A	Mar 2016	921	18	9	695	11.3	89	123	447.40	569	221	3.6
L	Apr 2016	979	18	11	689	11.6	93	169	448.89	597	202	3.4
*	May 2016	903	13	13	636	10.3	97	176	448.08	581	97	1.6
	Jun 2016	856	14	15	661	11.1	96	76	448.50	589	89	1.5
	Jul 2016	830	29	17	660	10.7	99	69	448.50	589	92	1.5
	Aug 2016	702	26	17	556	9.0	92	69	447.50	570	94	1.5
	Sep 2016	720	23	15	517	8.7	62	140	447.50	571	89	1.5
	WY 2016	**8921**	**245**	**140**	**6444**		**1038**	**1460**			**1476**	
	Oct 2016	653	27	12	469	7.6	57	135	447.50	571	65	1.1
	Nov 2016	570	22	9	374	6.3	92	112	447.50	571	103	1.7
	Dec 2016	471	19	7	288	4.7	94	117	446.50	552	115	1.9
	Jan 2017	622	13	6	388	6.3	82	154	446.50	552	154	2.5
	Feb 2017	705	12	8	485	8.7	73	143	446.50	552	180	3.2
	Mar 2017	971	4	9	724	11.8	82	150	446.70	555	206	3.4
	Apr 2017	1063	19	11	761	12.8	79	182	448.70	593	192	3.2
	May 2017	955	16	13	675	11.0	82	189	448.70	593	97	1.6
	Jun 2017	869	14	16	688	11.6	79	86	448.70	593	98	1.6
	Jul 2017	815	29	17	655	10.7	82	90	448.00	580	99	1.6
	Aug 2017	726	26	17	558	9.1	82	91	447.50	571	99	1.6
	Sep 2017	741	23	15	507	8.5	79	153	447.50	571	89	1.5
	WY 2017	**9160**	**224**	**139**	**6573**		**961**	**1601**			**1497**	
	Oct 2017	648	27	12	466	7.6	82	108	447.50	571	68	1.1
	Nov 2017	550	22	9	370	6.2	79	108	447.50	571	103	1.7
	Dec 2017	451	19	7	288	4.7	82	108	446.50	552	115	1.9
	Jan 2018	584	13	6	378	6.2	102	106	446.50	552	150	2.4
	Feb 2018	639	12	8	476	8.6	59	99	446.50	552	175	3.1
	Mar 2018	943	4	9	718	11.7	85	124	446.70	555	199	3.2
	Apr 2018	1021	19	11	757	12.7	99	124	448.70	593	185	3.1
	May 2018	924	16	13	676	11.0	102	137	448.70	593	93	1.5

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2016 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Jun 2015	868	14.6	1075.08	9607	-121	427.78	1573.0	332.0	100	382.4
H	Jul 2015	767	12.5	1078.15	9858	251	432.42	1455.0	292.7	94	381.4
I	Aug 2015	803	13.1	1078.31	9871	13	434.75	1451.0	307.8	93	383.4
S	Sep 2015	723	12.1	1078.10	9854	-17	435.36	1563.0	275.2	100	380.7
	WY 2015	**9246**							**3596.9**		
T	Oct 2015	578	9.4	1078.99	9927	73	435.13	1088.0	221.8	70	383.6
O	Nov 2015	631	10.6	1078.23	9865	-63	433.49	1088.0	244.8	70	387.9
R	Dec 2015	619	10.1	1080.91	10087	222	434.77	1069.0	241.9	68	390.9
I	Jan 2016	662	10.8	1083.68	10318	232	438.04	775.0	258.5	49	390.7
C	Feb 2016	699	12.2	1084.17	10360	41	437.39	880.0	277.0	55	396.1
A	Mar 2016	1008	16.4	1080.45	10048	-311	434.20	973.0	402.7	61	399.7
L	Apr 2016	1055	17.7	1076.13	9693	-355	429.37	1244.0	413.9	80	392.2
*	May 2016	887	14.4	1073.80	9504	-189	426.83	1164.0	343.6	74	387.5
	Jun 2016	883	14.8	1072.15	9371	-132	419.71	1558.0	332.2	100	376.3
	Jul 2016	868	14.1	1072.94	9435	63	419.46	1537.0	331.7	100	382.0
	Aug 2016	709	11.5	1075.51	9642	208	421.45	1549.0	266.1	100	375.2
	Sep 2016	707	11.9	1075.82	9668	26	423.69	1549.0	267.7	100	378.6
	WY 2016	**9306**							**3601.8**		
	Oct 2016	486	7.9	1077.20	9780	112	429.38	1156.0	186.9	74	384.9
	Nov 2016	639	10.7	1076.77	9745	-36	432.66	1081.0	246.9	70	386.2
	Dec 2016	590	9.6	1079.29	9952	207	429.87	1380.0	224.6	88	381.0
	Jan 2017	729	11.8	1080.37	10042	90	430.10	1289.0	281.6	82	386.6
	Feb 2017	728	13.1	1079.92	10004	-37	430.17	1176.0	286.1	75	392.8
	Mar 2017	1034	16.8	1075.64	9653	-352	426.81	1243.0	400.5	80	387.2
	Apr 2017	1097	18.4	1069.78	9182	-471	421.32	1226.0	424.3	81	386.8
	May 2017	990	16.1	1065.31	8831	-351	416.28	1196.0	371.2	80	374.9
	Jun 2017	884	14.9	1063.59	8698	-133	411.45	1482.0	325.8	100	368.6
	Jul 2017	840	13.7	1065.35	8834	136	411.96	1493.0	313.8	100	373.7
	Aug 2017	760	12.4	1069.18	9134	300	414.88	1514.0	282.9	100	372.4
	Sep 2017	727	12.2	1070.52	9241	106	417.92	1522.0	272.6	100	374.7
	WY 2017	**9504**							**3617.3**		
	Oct 2017	481	7.8	1072.01	9360	119	423.55	1227.0	182.4	80	379.2
	Nov 2017	619	10.4	1071.84	9346	-13	427.63	1057.0	238.8	70	386.0
	Dec 2017	570	9.3	1074.66	9574	227	425.14	1348.8	213.9	88	375.5
	Jan 2018	691	11.2	1076.13	9693	119	425.70	1261.0	262.6	82	380.1
	Feb 2018	662	11.9	1076.32	9708	15	426.27	1153.4	254.9	75	384.9
	Mar 2018	1006	16.4	1072.21	9376	-332	423.32	1220.2	384.5	80	382.4
	Apr 2018	1055	17.7	1066.70	8940	-436	418.09	1204.6	402.8	81	381.7
	May 2018	959	15.6	1062.52	8615	-324	413.37	1176.7	361.2	80	376.5

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2016 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Jun 2015	810	13.6	643.81	1721	14	144.85	255.0	104.6	100	129.1
H	Jul 2015	762	12.4	642.57	1687	-34	140.97	255.0	98.4	100	129.1
I	Aug 2015	775	12.6	642.12	1675	-12	142.40	255.0	99.2	100	127.9
S	Sep 2015	758	12.7	639.56	1606	-69	137.76	255.0	95.5	100	126.0
	WY 2015	**8945**							**1122.4**		
T	Oct 2015	655	10.7	635.80	1507	-99	136.05	211.7	81.6	83	124.5
O	Nov 2015	599	10.1	636.11	1514	8	136.53	165.8	72.5	65	121.0
R	Dec 2015	527	8.6	638.77	1585	70	135.98	155.6	65.1	61	123.6
I	Jan 2016	553	9.0	641.26	1651	67	141.86	163.2	71.9	64	129.9
C	Feb 2016	675	11.7	641.04	1645	-6		178.5	86.3	70	127.8
A	Mar 2016	921	15.0	643.17	1703	58	139.07	214.2	117.9	84	128.0
L	Apr 2016	979	16.4	644.70	1746	42	143.66	255.0	125.4	100	128.2
*	May 2016	903	14.7	643.07	1701	-45	141.63	252.5	115.5	99	127.8
	Jun 2016	856	14.4	642.50	1685	-15	135.81	255.0	107.3	100	125.3
	Jul 2016	830	13.5	642.50	1685	0	135.52	255.0	104.0	100	125.3
	Aug 2016	702	11.4	641.50	1658	-27	134.99	255.0	88.2	100	125.6
	Sep 2016	720	12.1	640.01	1617	-40	133.68	255.0	89.5	100	124.2
	WY 2016	**8921**							**1125.1**		
	Oct 2016	653	10.6	633.00	1434	-183	129.77	234.6	78.9	92	120.9
	Nov 2016	570	9.6	635.00	1486	51	128.06	204.0	67.9	80	119.0
	Dec 2016	471	7.7	638.71	1583	97	130.45	224.4	57.7	88	122.4
	Jan 2017	622	10.1	641.80	1666	83	135.03	191.3	77.4	75	124.5
	Feb 2017	705	12.7	641.80	1666	0	137.09	176.0	88.1	69	124.9
	Mar 2017	971	15.8	643.05	1700	34	135.44	255.0	121.0	100	124.5
	Apr 2017	1063	17.9	643.00	1699	-2	136.07	255.0	132.2	100	124.4
	May 2017	955	15.5	643.00	1699	0	136.04	255.0	119.5	100	125.1
	Jun 2017	869	14.6	642.00	1671	-27	135.51	255.0	108.6	100	124.9
	Jul 2017	815	13.2	641.50	1658	-14	134.73	255.0	101.6	100	124.7
	Aug 2017	726	11.8	641.50	1658	0	134.46	255.0	90.7	100	125.0
	Sep 2017	741	12.4	640.01	1617	-40	133.68	255.0	91.9	100	124.1
	WY 2017	**9160**							**1135.4**		
	Oct 2017	648	10.5	633.00	1434	-183	129.77	234.6	78.4	92	120.9
	Nov 2017	550	9.2	635.00	1486	51	128.06	204.0	65.5	80	119.2
	Dec 2017	451	7.3	638.71	1583	97	130.45	224.4	55.3	88	122.5
	Jan 2018	584	9.5	641.80	1666	83	135.03	191.3	72.8	75	124.7
	Feb 2018	639	11.5	641.80	1666	0	137.09	176.0	80.1	69	125.4
	Mar 2018	943	15.3	643.05	1700	34	135.44	255.0	117.5	100	124.7
	Apr 2018	1021	17.2	643.00	1699	-2	136.07	255.0	127.3	100	124.6
	May 2018	924	15.0	643.00	1699	0	136.04	255.0	115.7	100	125.3

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2016 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Jun 2015	615	10.3	448.89	597	7	79.48	120.0	43.6	100	70.8
H	Jul 2015	592	9.6	447.99	580	-17	81.75	120.0	41.8	100	70.7
I	Aug 2015	580	9.4	448.30	586	6	82.40	120.0	40.9	100	70.4
S	Sep 2015	487	8.2	448.04	581	-5	82.23	120.0	34.6	100	71.1
	WY 2015	**6135**							**430.7**		
T	Oct 2015	458	7.5	447.88	578	-3	81.97	91.2	32.3	76	70.6
O	Nov 2015	385	6.5	447.57	572	-6	83.21	96.0	27.1	80	70.3
R	Dec 2015	321	5.2	446.92	560	-12	82.51	120.0	21.9	100	68.4
I	Jan 2016	324	5.3	446.60	554	-6	80.76	94.8	22.3	79	68.8
C	Feb 2016	528	9.4	446.50	552	-2	78.54	87.6	38.1	73	72.2
A	Mar 2016	695	11.3	447.40	569	17	81.63	104.4	48.9	87	70.3
L	Apr 2016	689	11.6	448.89	597	28	83.09	120.0	48.4	100	70.3
*	May 2016	636	10.3	448.08	581	-15	82.13	120.0	45.1	100	70.9
	Jun 2016	661	11.1	448.50	589	8	75.65	120.0	43.7	100	66.1
	Jul 2016	660	10.7	448.50	589	0	75.86	120.0	43.7	100	66.2
	Aug 2016	556	9.0	447.50	570	-19	75.37	120.0	36.4	100	65.5
	Sep 2016	517	8.7	447.50	571	0	74.89	120.0	33.6	100	65.0
	WY 2016	**6429**							**441.5**		
	Oct 2016	469	7.6	447.50	571	0	75.74	100.8	30.7	84	65.4
	Nov 2016	374	6.3	447.50	571	0	75.92	97.2	24.3	81	64.9
	Dec 2016	288	4.7	446.50	552	-19	74.40	120.0	18.0	100	62.6
	Jan 2017	388	6.3	446.50	552	0	75.13	93.6	25.0	78	64.5
	Feb 2017	485	8.7	446.50	552	0	74.71	102.0	31.6	85	65.1
	Mar 2017	724	11.8	446.70	555	4	74.01	120.0	47.0	100	65.0
	Apr 2017	761	12.8	448.70	593	38	75.08	120.0	50.2	100	65.9
	May 2017	675	11.0	448.70	593	0	76.05	120.0	44.8	100	66.4
	Jun 2017	688	11.6	448.70	593	0	76.05	120.0	45.8	100	66.5
	Jul 2017	655	10.7	448.00	580	-13	75.71	120.0	43.3	100	66.1
	Aug 2017	558	9.1	447.50	571	-9	75.13	120.0	36.4	100	65.3
	Sep 2017	507	8.5	447.50	571	0	74.89	120.0	33.0	100	65.0
	WY 2017	**6573**							**430.1**		
	Oct 2017	466	7.6	447.50	571	0	75.74	100.8	30.5	84	65.4
	Nov 2017	370	6.2	447.50	571	0	75.92	97.2	24.0	81	64.9
	Dec 2017	288	4.7	446.50	552	-19	74.40	120.0	18.1	100	62.6
	Jan 2018	378	6.2	446.50	552	0	74.89	98.4	24.3	82	64.2
	Feb 2018	476	8.6	446.50	552	0	75.07	94.8	31.1	79	65.4
	Mar 2018	718	11.7	446.70	555	4	74.01	120.0	46.6	100	65.0
	Apr 2018	757	12.7	448.70	593	38	75.08	120.0	49.9	100	65.9
	May 2018	676	11.0	448.70	593	0	76.05	120.0	44.9	100	66.4

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2016 24-Month Study

Most Probable Inflow*

Upper Basin Power

	Date	Glen Canyon 1000 MWHR	Flaming Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Reservoir 1000 MWHR	Fontenelle Reservoir 1000 MWHR
*	Jun 2015	348	40	38	67	21	9
H	Jul 2015	471	42	41	53	22	8
I	Aug 2015	357	42	32	38	21	7
S	Sep 2015	317	40	28	37	18	0
	Summer 2015	**2049**	**256**	**173**	**241**	**111**	**39**
T	Oct 2015	264	52	26	32	0	4
O	Nov 2015	256	52	13	15	0	4
R	Dec 2015	378	53	18	16	7	4
I	Jan 2016	373	52	17	22	13	3
C	Feb 2016	302	45	16	21	12	4
A	Mar 2016	298	20	10	11	7	4
	Winter 2016	**1871**	**274**	**100**	**118**	**38**	**23**
L	Apr 2016	288	19	18	25	16	4
*	May 2016	305	20	38	61	21	7
	Jun 2016	323	104	15	19	15	9
	Jul 2016	389	40	28	33	17	9
	Aug 2016	366	40	32	38	19	7
	Sep 2016	282	38	29	35	18	6
	Summer 2016	**1952**	**261**	**158**	**211**	**105**	**42**
	Oct 2016	241	39	23	28	14	6
	Nov 2016	241	38	7	10	5	5
	Dec 2016	320	39	14	18	9	5
	Jan 2017	317	39	14	18	9	5
	Feb 2017	256	35	9	12	6	4
	Mar 2017	255	39	11	15	8	4
	Winter 2017	**1630**	**231**	**79**	**100**	**52**	**29**
	Apr 2017	235	38	19	26	14	4
	May 2017	259	43	60	93	23	6
	Jun 2017	328	68	20	30	20	8
	Jul 2017	415	35	25	30	16	10
	Aug 2017	433	35	27	33	17	8
	Sep 2017	327	34	26	32	16	6
	Summer 2017	**1998**	**253**	**176**	**245**	**107**	**42**
	Oct 2017	244	35	22	28	14	6
	Nov 2017	243	34	17	21	11	6
	Dec 2017	323	35	26	34	17	5
	Jan 2018	321	35	11	14	8	5
	Feb 2018	259	31	9	12	6	4
	Mar 2018	258	35	11	15	8	4
	Winter 2018	**1389**	**169**	**85**	**109**	**56**	**26**
	Apr 2018	239	34	18	27	15	5
	May 2018	263	46	58	83	23	6

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2016 24-Month Study

Most Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions

Date	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Total KAF	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****EFFECTIVE SPACE****										
Jun 2016	414	258	147	12199	13017	17873	30891	80	207	-97	190	12199	17873	30262	1500	883	0	31.4
Jul 2016	378	72	300	10637	11388	18006	29393	32	0	14	47	10637	18006	28689	1500	868	0	31.2
								****CREDITABLE SPACE****										
Aug 2016	363	69	349	10854	11636	17942	29578	363	69	349	781	10854	17942	29578	1500	709	0	30.9
Sep 2016	417	113	376	11259	12166	17735	29900	417	113	376	906	11259	17735	29900	2270	707	0	30.5
Oct 2016	485	164	386	11501	12536	17709	30245	485	164	386	1035	11501	17709	30245	3040	486	0	30.2
Nov 2016	539	200	390	11585	12714	17597	30311	539	200	390	1129	11585	17597	30311	3810	639	0	30.0
Dec 2016	588	193	393	11720	12894	17632	30526	588	193	393	1174	11720	17632	30526	4580	590	0	29.9
Jan 2017	656	213	403	12072	13344	17425	30769	656	213	403	1272	12072	17425	30769	5350	729	0	29.6
								****EFFECTIVE SPACE****										
Jan 2017	656	213	403	12072	13344	17425	30769	222	111	85	419	12072	17425	29916	5350	729	0	29.6
Feb 2017	720	234	409	12441	13804	17335	31139	285	134	91	510	12441	17335	30286	1500	728	0	29.3
Mar 2017	774	242	407	12672	14095	17373	31467	337	144	88	569	12672	17373	30614	1500	1034	0	28.8
Apr 2017	793	246	370	12795	14205	17724	31929	353	150	44	547	12795	17724	31067	1500	1097	0	28.6
May 2017	773	247	311	12682	14013	18195	32208	327	149	-37	438	12682	18195	31315	1500	990	0	29.7
Jun 2017	702	302	282	11329	12616	18546	31162	245	188	-104	329	11329	18546	30205	1500	884	0	31.1
Jul 2017	585	147	469	9828	11029	18679	29708	117	11	28	156	9828	18679	28663	1500	840	0	31.0
								****CREDITABLE SPACE****										
Aug 2017	486	132	499	10100	11218	18543	29760	486	132	499	1117	10100	18543	29760	1500	760	0	30.7
Sep 2017	520	159	517	10652	11848	18243	30090	520	159	517	1195	10652	18243	30090	2270	727	0	30.2
Oct 2017	574	200	518	11029	12321	18136	30457	574	200	518	1292	11029	18136	30457	3040	481	0	30.0
Nov 2017	621	231	510	11132	12494	18017	30511	621	231	510	1362	11132	18017	30511	3810	619	0	29.9
Dec 2017	667	257	507	11250	12680	18031	30711	667	257	507	1431	11250	18031	30711	4580	570	0	29.7
Jan 2018	729	321	508	11565	13123	17803	30927	729	321	508	1558	11565	17803	30927	5350	691	0	29.5
								****EFFECTIVE SPACE****										
Jan 2018	729	321	508	11565	13123	17803	30927	402	239	214	855	11565	17803	30223	5350	691	0	29.5
Feb 2018	785	332	512	11915	13544	17684	31228	457	251	216	925	11915	17684	30525	1500	662	0	29.3
Mar 2018	829	339	505	12124	13796	17669	31465	499	260	208	967	12124	17669	30760	1500	1006	0	29.0
Apr 2018	826	339	449	12185	13800	18001	31801	492	262	146	900	12185	18001	31086	1500	1055	0	28.9
May 2018	792	329	358	11941	13420	18437	31857	451	248	32	731	11941	18437	31110	1500	959	0	30.1

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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July 24-Month Study
Date: July 13, 2016

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

Reservoir	June Inflow (unregulated) (acre-feet)	Percent of Average (%)	July 11, Midnight Elevation (feet)	Reservoir Storage (acre-feet)
Fontenelle	293,000	98	6501.19	307,000
Flaming Gorge	455,000	116	6029.51	3,330,000
Blue Mesa	285,000	107	7515.74	797,000
Navajo	213,000	95	6064.27	1,403,000
Powell	2,907,000	109	3621.37	13,909,000

Expected Operations

The operation of Lake Powell and Lake Mead in this July 2016 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines) and reflects the 2016 Annual Operating Plan (AOP). Pursuant to the Interim Guidelines, the August 2015 24-Month Study projections of the January 1, 2016, system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2016.

Consistent with Section 6.B of the Interim Guidelines, the Lake Powell operational tier for water year 2016 is the Upper Elevation Balancing Tier. The April 2016 24-Month Study projected the end of water year elevation at Lake Powell to be above 3,575 feet above sea level (feet) and the end of water year elevation at Lake Mead to be below elevation 1,075.0 feet. Therefore, in accordance with Section 6.B.4 of the Interim Guidelines, Lake Powell operations shifted to "balancing releases" for the remainder of water year 2016. Under Section 6.B.4, the contents of Lake Powell and Lake Mead will be balanced by the end of the water year, but not more than 9.0 million acre-feet (maf) and not less than 8.23 maf shall be released from Lake Powell. Based on the most probable inflow forecast, this July 24-Month Study projects a balancing release of 9.0 maf in water year 2016.

Consistent with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar year 2016.

The Interim Guidelines are available for download at:
http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The 2016 AOP is available for download at:
http://www.usbr.gov/lc/region/g4000/aop/AOP16.pdf.

Fontenelle Reservoir – Fontenelle Reservoir is currently at elevation 6501 feet, which amounts to 89 percent of live storage capacity. Inflows for the month of June totaled 293,000 acre-feet (af), or 98 percent of average. Releases have been decreased to base flow levels of 1,000 cfs and are forecasted to remain at this level through the winter, subject to hydrology.

The Colorado Basin River Forecast Center has forecasted spring inflows that are much below average. July, August and September forecasted inflow volumes amount to 80,000 af (51 percent of average), 48,000 af (63 percent of average), and 36,000 af (78 percent of average), respectively.

The next Fontenelle Working Group meeting is scheduled for 10:00 a.m., August 23, 2016. The meeting will be held at the Joint Powers Water Board offices in Green River, Wyoming. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir.

Flaming Gorge Reservoir – Flaming Gorge Dam is currently 1,100 cubic feet per second (cfs) and will be increasing to 1,700 cfs by the end of July. July unregulated inflow forecast into Flaming Gorge for the April-July period has improved from 79 to 108 percent of average.

The Record of Decision outlines spring operations based on the final May spring runoff forecast. The May forecast of 79 percent of average was on the cusp between the moderately dry and average hydrologic conditions of the Record of Decision and the average (below median) hydrologic condition on the Larval Trigger Study Plan. Reclamation will operate Flaming Gorge under the average (below median) hydrologic classification.

Unregulated inflow into Flaming Gorge Reservoir during the month of June was 455,000 af, or 116 percent of average. The reservoir elevation is 6,029.53 ft and decreasing.

The July final forecast for inflows for the next three months projects much below average: with July, August and September forecasted inflow volumes at 108,000 af (51 percent of average), 65,000 af (73 percent of average), and 47,000 af (85 percent of average), respectively.

The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stakeholders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations and plans presented by Reclamation

at these meetings. Meeting notes from past Working Group meetings are posted on the Working Group webpage. For more information on this group and these meetings please contact Dale Hamilton at 801-379-1186 or Heather Patno at 801-524-3883.

Reclamation will be holding the Flaming Gorge Working Group meeting on Tuesday, August 25, 2016, at 11:00 a.m. at the Utah Division of Wildlife Resources offices located at 318 North Vernal Avenue, Vernal, Utah.

Aspinall Unit Reservoirs – Crystal Dam is currently releasing 1850 cfs with 1050 cfs being diverted through the Gunnison Tunnel and approximately 930 cfs flowing through the Black Canyon. The June unregulated inflow to Blue Mesa Reservoir, 285,000 af (109 percent of average) was well above the forecasted volume of 225,000 af (86 percent of average). As a result, the end of June reservoir elevation for Blue Mesa was 7414.84 feet and this was about 5 feet higher than was projected in the June 24-Month Study. By mid-July, the elevation of Blue Mesa is projected to peak at approximately 7416 feet with a corresponding storage level of approximately 799,000 af (about 96 percent of full capacity).

Inflows to Blue Mesa for the next three months are projected to be below average: with July, August and September forecasted inflow volumes of 94,000 af (83 percent of average), 50,000 af (79 percent of average) and 35,000 af (92 percent of average), respectively.

The Aspinall Unit Working Group is an open public forum for information exchange between Reclamation and the stakeholders of the Aspinall Unit. The public is encouraged to attend and comments on the operations and plans presented by Reclamation at these meetings. Meeting notes from past working Group meetings are posted on the Working Group webpage. For more information on this group and these meetings please contact Erik Knight in the Grand Junction Area Office at (970) 248-0629.

The next meeting of the Aspinall Unit Working Group will be held on Thursday August 18th at 1:00 pm at the Elk Creek Visitor Center at Blue Mesa Reservoir.

Navajo Reservoir – Navajo is currently releasing 2,300 cfs and is in the midst of ramping down the spring peak release. Releases are made for the authorized purposes of the Navajo Unit, and to attempt to maintain a target base flow through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell). The San Juan River Basin Recovery Implementation Program (SJRIP) recommends a target base flow of between 500 cfs and 1,000 cfs through the critical habitat area. The target base flow is calculated as the weekly average of gaged flows throughout the critical habitat area.

Modified unregulated inflow into Navajo during the month of June was 213,000 af, which was 95 percent of average. The reservoir elevation is 6065.6 feet and declining.

Inflows for the next three months are projected to be below average: with July, August, and September forecasted inflow volumes at 34,000 af (52 percent of average), 26,000 af (58 percent of average), and 30,000 af (69 percent of average), respectively. The most probable April through July forecast is for 575,000 af (78 percent of average).

The spring peak release began May 18th. The release was reduced to 2,000 cfs at the request of the San Juan County office of Emergency Management (OEM) on May 25th due to safety and property concerns. Reclamation coordinated daily with OEM to safely increase the release with the goal of reaching 5,000 cfs. The maximum release reached was 4,720 cfs on June 5th, then decreasing to 4,300 cfs for most of the remainder of the spring peak release. Ramp-down for the spring peak release began on July 1st and will be complete by July 12th. Releases will be made to maintain target baseflows in the critical habitat reach for the remainder of the year.

Reclamation conducts Public Operations Meetings three times per year to gather input for determining upcoming operations for Navajo Reservoir. Input from individuals, organizations, and agencies along with other factors such as weather, water rights, endangered species requirements, flood control, hydro power, recreation, fish and wildlife management, and reservoir levels, will be considered in the development of these reservoir operation plans. In addition, the meetings are used to coordinate activities and exchange information among agencies, water users, and other interested parties concerning the San Juan River and Navajo Reservoir.

The next Navajo Public Operations Meeting is scheduled for August 23rd at 1pm at the Farmington Civic Center, Farmington, NM.

Glen Canyon Dam / Lake Powell

Current Status

The unregulated inflow volume to Lake Powell in June was 2,907 thousand acre-feet (kaf) (109 percent of average). The release volume from Glen Canyon Dam in June was 800 kaf. The end of June elevation and storage of Lake Powell were 3620.01 feet (80 feet from full pool) and 13.76 maf (57 percent of full capacity), respectively. The reservoir elevation has been increasing through spring and early summer and is likely near its seasonal peak. In the next few weeks, the reservoir will likely begin its typical seasonal decline through the fall and winter months.

Current Operations

The operating tier for water year 2016 was established in August 2015 as the Upper Elevation Balancing Tier. The April 2016 24-Month Study established that Lake Powell operations will be governed by balancing for the remainder of water year 2016. Under balancing, the contents of Lake Powell and Lake Mead will be balanced by the end of the water year, but not more than 9.0 maf and not less than 8.23 maf shall be released from Lake Powell. Based on the most probable inflow forecast, this July 24-Month Study projects a balancing release of 9.0 maf in water year 2016. Reclamation will schedule operations at Glen Canyon Dam to achieve as practicably as possible the appropriate total annual release volume by September 30, 2016.

In July, the release volume will be approximately 950 kaf, with fluctuations anticipated between approximately 11,500 cfs during the nighttime and 19,500 cfs during the daytime and consistent with the Glen Canyon Operating Criteria (Federal Register, Volume 62, No. 41, March 3, 1997). The anticipated release volume for August is 900 kaf with daily fluctuations between approximately 10,000 cfs and 18,000 cfs. The expected release for September is approximately 700 kaf with daily fluctuations between approximately 8,500 cfs and 14,500 cfs.

In addition to daily scheduled fluctuations for power generation, the instantaneous releases from Glen Canyon Dam may also fluctuate to provide 40 mega-watts (mw) of system regulation. These instantaneous release adjustments stabilize the electrical generation and transmission system and translate to a range of about 1,200 cfs above or below the hourly scheduled release rate. Under system normal conditions, fluctuations for regulation are typically short lived and generally balance out over the hour with minimal or no noticeable impacts on downstream river flow conditions.

Releases from Glen Canyon Dam can also fluctuate beyond scheduled releases when called upon to respond to unscheduled power outages or power system emergencies. Depending on the severity of the system emergency, the response from Glen Canyon Dam can be significant, within the full range of the operating capacity of the power plant for as long as is necessary to maintain balance in the transmission system. Glen Canyon Dam typically maintains 30 mw (approximately 880 cfs) of generation capacity in reserve in order to respond to a system emergency even when generation rates are already high. System emergencies occur fairly infrequently and typically require small responses from Glen Canyon Dam. However, these responses can have a noticeable impact on the river downstream of Glen Canyon Dam.

Inflow Forecasts and Model Projections

The April to July 2016 water supply forecast for unregulated inflow to Lake Powell, issued on July 1, 2016, by the Colorado Basin River Forecast Center, projects that the most probable (median) unregulated inflow volume will be 6.72 maf (94 percent of average based on the period 1981-2010). The forecast increased by 2,200 kaf since last month. There is still uncertainty regarding the runoff and resulting inflow to Lake Powell through the end of the water year.

As determined in the August 2015 24-Month Study, and documented in the 2016 Annual Operating Plan, Lake Powell's operations in water year 2016 will be governed by the Upper Elevation Balancing Tier. Because the April 2016 24-Month Study projected the end of water year elevation at Lake Powell to be above 3,575 feet and the end of water year elevation at Lake Mead to be below elevation 1,075.0 feet, Lake Powell operations shifted to balancing (Section 6.B.4 of the 2007 Interim Guidelines) for the remainder of water year 2016. Under balancing, the contents of Lake Powell and Lake Mead will be balanced by the end of the water year, but not more than 9.0 maf and not less than 8.23 maf shall be released from Lake Powell.

Based on the current forecast, the July 24-Month Study projects Lake Powell's end of water year 2016 elevation to be near 3,612 feet with approximately 12.97 maf in storage (53 percent capacity). Projections of elevation and storage still have significant

uncertainty at this point in the season, primarily due to uncertainty regarding runoff and the resulting inflow to Lake Powell. Under the minimum probable inflow scenario, updated in April, the projected end of water year elevation and storage are 3585 ft and 10.35 maf (43 percent capacity), respectively. Under the maximum probable inflow scenario, updated in April, the projected end of water year elevation and storage are 3622 ft and 14.01 maf (58 percent capacity), respectively. Modeling of projected reservoir operations based on the minimum and maximum scenarios will be updated again in August.

Upper Colorado River Basin Hydrology

The Upper Colorado River Basin regularly experiences significant year to year hydrologic variability. During the 16-year period 2000 to 2015, however, the unregulated inflow to Lake Powell, which is a good measure of hydrologic conditions in the Colorado River Basin, was above average in only 3 out of the past 16 years. The period 2000-2015 is the lowest 16-year period since the closure of Glen Canyon Dam in 1963, with an average unregulated inflow of 8.51 maf, or 79 percent of the 30-year average (1981-2010). (For comparison, the 1981-2010 total water year average is 10.83 maf.) The unregulated inflow during the 2000-2015 period has ranged from a low of 2.64 maf (24 percent of average) in water year 2002 to a high of 15.97 maf (147 percent of average) in water year 2011. The water year 2015 unregulated inflow volume to Lake Powell was 10.174 maf (94 percent of average), which, though still below average, was significantly higher than inflows observed in 2012 and 2013 (45 percent and 47 percent of average, respectively). Under the current most probable forecast, total water year 2016 unregulated inflows to Lake Powell is projected to be 9.90 maf (92 percent of average), and ranges from a minimum probable inflow of 6.86 maf (63 percent of average) and maximum probable inflow of 11.13 maf (103 percent of average).

At the beginning of water year 2016, total system storage in the Colorado River Basin was 30.3 maf (51 percent of 59.6 maf total system capacity). This is nearly the same as the total storage at the beginning of water year 2015 which began at 30.1 maf (50 percent of capacity). Since the beginning of water year 2000, total Colorado Basin storage has experienced year to year increases and decreases in response to wet and dry hydrology, ranging from a high of 94 percent of capacity at the beginning of 2000 to a low of 50 percent of capacity at the beginning of water year 2014. One wet year can significantly increase total system reservoir storage, just as persistent dry years can draw down the system storage. Based on current inflow forecasts, the current projected end of water year 2016 total Colorado Basin reservoir storage is approximately 30.5 maf (51 percent of capacity). The actual end of water year storage may vary from this projection, primarily due to uncertainty regarding this season's runoff and resulting reservoir inflow. Based on the April minimum and maximum probable inflow forecasts and modeling the range is approximately 27.6 maf (46 percent of capacity) to 31.4 maf (53 percent of capacity), respectively.

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-430
125 SOUTH STATE STREET, ROOM 6107
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-3709

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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:	Obs			jun	Forecast		Outlook		
:	mar	apr	may	jun	%Avg	jul	aug	sep	apr-jul	%Avg
GLDA3:Lake Powell	553	814	2294	2907	109%:	700/	380/	350/	6720/:	94%
GBRW4:Fontenelle	50	91	186	293	98%:	80/	48/	36/	650/:	90%
GRNU1:Flaming Gorge	84	140	362	455	116%:	108/	65/	47/	1065/:	109%
BMDC2:Blue Mesa	41	75	161	285	109%:	94/	50/	35/	615/:	91%
MPSC2:Morrow Point	43	83	176	302	107%:	104/	53/	38/	665/:	90%
CLSC2:Crystal	48	92	194	344	109%:	110/	58/	44/	740/:	89%
TPIC2:Taylor Park	4.8	9.1	17.2	41	98%:	15/	8/	6/	82/:	83%
VCRC2:Vallecito	13.5	25	60	77	109%:	21/	15/	15/	183/:	94%
NVRN5:Navajo	81	119	209	213	95%:	34/	26/	30/	575/:	78%
LEMC2:Lemon	2.5	5.0	14.5	23e	110%:	4.5/	3/	3/	47/:	85%
MPHC2:McPhee	19.9	45	101	74e	99%:	15/	9/	9/	235/:	80%
RBSC2:Ridgway	5.4	9.4	18.5	49	125%:	16/	10/	8/	93/:	92%

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2016 24-Month Study

Most Probable Inflow*

Fontenelle Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jul 2015	126	3	91	17	108	6501.77	312
H	Aug 2015	53	2	83	1	84	6497.37	279
I	Sep 2015	37	2	0	61	61	6493.88	254
	WY 2015	**1210**	**16**	**930**	**324**	**1254**		
S	Oct 2015	46	1	46	15	61	6491.60	238
T	Nov 2015	40	1	56	1	57	6489.03	221
O	Dec 2015	36	1	58	0	58	6485.40	197
R	Jan 2016	32	1	49	10	58	6480.71	170
I	Feb 2016	34	0	55	0	55	6476.59	149
C	Mar 2016	50	1	58	0	58	6474.73	140
A	Apr 2016	91	1	56	0	56	6481.34	174
L	May 2016	186	2	86	20	106	6493.63	252
*	Jun 2016	293	2	101	143	243	6500.14	299
	Jul 2016	80	3	78	0	78	6500.08	299
	Aug 2016	48	2	61	0	61	6497.97	284
	Sep 2016	36	2	60	0	60	6494.46	259
	WY 2016	**972**	**15**	**764**	**189**	**953**		
	Oct 2016	42	1	61	0	61	6491.50	238
	Nov 2016	40	1	60	0	60	6488.40	218
	Dec 2016	33	1	61	0	61	6483.82	189
	Jan 2017	28	1	61	0	61	6477.66	155
	Feb 2017	27	0	56	0	56	6471.51	126
	Mar 2017	43	0	61	0	61	6466.98	107
	Apr 2017	68	1	71	0	71	6465.97	103
	May 2017	135	1	95	9	105	6472.98	132
	Jun 2017	260	2	100	7	107	6497.87	283
	Jul 2017	170	3	103	22	125	6503.51	326
	Aug 2017	65	2	84	0	84	6500.78	305
	Sep 2017	44	2	70	0	70	6497.01	277
	WY 2017	**955**	**14**	**885**	**38**	**923**		
	Oct 2017	47	1	69	0	69	6493.83	254
	Nov 2017	42	1	67	0	67	6489.93	228
	Dec 2017	32	1	69	0	69	6484.17	191
	Jan 2018	30	1	69	0	69	6477.07	152
	Feb 2018	28	0	62	0	62	6469.42	117
	Mar 2018	53	0	69	0	69	6465.26	100
	Apr 2018	85	1	89	0	89	6464.10	96
	May 2018	164	1	96	8	105	6477.49	154
	Jun 2018	299	2	101	69	170	6497.63	281

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3011

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2016 24-Month Study

Most Probable Inflow*

Flaming Gorge Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	Jul 2015	157	140	14	104	0	104	142	6034.55	3528	195
H	Aug 2015	56	87	13	104	0	104	141	6033.81	3498	130
I	Sep 2015	39	62	11	100	1	101	139	6032.59	3450	127
	WY 2015	**1562**	**1606**	**82**	**1293**	**58**	**1352**				**2856**
S	Oct 2015	48	63	7	131	0	131	136	6030.73	3377	162
T	Nov 2015	38	55	4	131	0	131	133	6028.73	3300	176
O	Dec 2015	38	61	2	137	0	137	130	6026.75	3225	172
R	Jan 2016	44	71	2	134	0	134	127	6025.07	3163	168
I	Feb 2016	63	84	2	118	0	118	126	6024.11	3127	164
C	Mar 2016	84	93	3	51	0	51	127	6025.13	3165	131
A	Apr 2016	140	105	5	50	0	50	129	6026.43	3213	316
L	May 2016	362	282	8	52	0	52	138	6032.01	3427	701
*	Jun 2016	455	405	11	270	198	469	135	6030.17	3356	965
	Jul 2016	108	106	14	116	0	116	134	6029.58	3333	191
	Aug 2016	65	78	13	98	0	98	133	6028.76	3302	123
	Sep 2016	47	71	11	95	0	95	131	6027.86	3267	110
	WY 2016	**1492**	**1473**	**81**	**1383**	**199**	**1582**				**3379**
	Oct 2016	61	80	7	95	0	95	131	6027.30	3246	125
	Nov 2016	59	79	3	92	0	92	130	6026.86	3229	127
	Dec 2016	40	68	2	95	0	95	129	6026.12	3202	123
	Jan 2017	45	78	2	95	0	95	128	6025.65	3184	120
	Feb 2017	45	74	2	86	0	86	128	6025.27	3170	110
	Mar 2017	92	110	3	95	0	95	128	6025.58	3182	165
	Apr 2017	130	133	5	92	0	92	129	6026.52	3217	302
	May 2017	200	170	8	95	0	95	132	6028.21	3281	615
	Jun 2017	315	162	10	199	0	199	130	6027.02	3236	689
	Jul 2017	212	167	13	95	0	95	132	6028.49	3291	177
	Aug 2017	76	95	13	95	0	95	132	6028.16	3279	116
	Sep 2017	50	76	11	92	0	92	131	6027.47	3253	107
	WY 2017	**1325**	**1293**	**79**	**1228**	**0**	**1228**				**2778**
	Oct 2017	55	77	7	95	0	95	130	6026.82	3228	123
	Nov 2017	50	75	3	92	0	92	129	6026.28	3208	122
	Dec 2017	35	72	2	95	0	95	128	6025.63	3183	121
	Jan 2018	40	79	2	95	0	95	127	6025.16	3166	120
	Feb 2018	45	79	2	86	0	86	127	6024.92	3157	114
	Mar 2018	102	119	3	95	0	95	128	6025.45	3177	172
	Apr 2018	134	137	5	92	0	92	129	6026.49	3216	307
	May 2018	245	186	8	95	0	95	133	6028.60	3295	627
	Jun 2018	390	260	11	200	0	200	135	6029.85	3343	620

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2016 24-Month Study

Most Probable Inflow*

Taylor Park Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jul 2015	21	28	9324.75	96
H	Aug 2015	9	22	9317.56	83
I	Sep 2015	7	18	9311.10	72
	WY 2015	**166**	**171**		
S	Oct 2015	7	8	9310.71	71
T	Nov 2015	5	6	9310.40	71
O	Dec 2015	5	6	9309.95	70
R	Jan 2016	6	6	9309.87	70
I	Feb 2016	4	5	9309.07	68
C	Mar 2016	5	6	9308.44	67
A	Apr 2016	9	6	9310.70	71
L	May 2016	17	11	9314.16	77
*	Jun 2016	41	20	9325.34	97
	Jul 2016	15	22	9321.92	90
	Aug 2016	8	19	9316.07	80
	Sep 2016	6	15	9310.86	71
	WY 2016	**128**	**128**		
	Oct 2016	6	7	9310.55	71
	Nov 2016	5	5	9310.55	71
	Dec 2016	4	5	9309.92	70
	Jan 2017	4	6	9308.65	68
	Feb 2017	3	6	9306.70	65
	Mar 2017	4	6	9305.02	62
	Apr 2017	6	6	9305.02	62
	May 2017	24	10	9313.90	76
	Jun 2017	39	18	9325.50	97
	Jul 2017	14	20	9322.34	91
	Aug 2017	8	20	9315.67	79
	Sep 2017	7	16	9309.92	70
	WY 2017	**123**	**125**		
	Oct 2017	6	12	9306.13	64
	Nov 2017	5	6	9305.40	63
	Dec 2017	5	6	9304.50	62
	Jan 2018	4	6	9303.36	60
	Feb 2018	4	6	9301.81	58
	Mar 2018	4	6	9300.69	56
	Apr 2018	9	6	9302.66	59
	May 2018	28	20	9308.24	67
	Jun 2018	42	22	9319.95	87

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2016 24-Month Study

Most Probable Inflow*

Blue Mesa Reservoir

	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jul 2015	131	137	2	135	10	145	7516.74	806
H	Aug 2015	59	73	1	105	0	105	7512.97	772
I	Sep 2015	39	50	1	95	0	95	7507.65	726
	WY 2015	**1042**	**1047**	**9**	**835**	**72**	**912**		
S	Oct 2015	33	34	1	87	0	87	7501.39	673
T	Nov 2015	30	31	0	45	0	45	7499.64	658
O	Dec 2015	27	28	0	62	0	62	7495.46	624
R	Jan 2016	27	27	0	61	0	61	7491.12	590
I	Feb 2016	26	27	0	59	0	58	7487.04	559
C	Mar 2016	41	42	0	36	0	37	7487.62	563
A	Apr 2016	75	72	1	63	0	63	7488.62	571
L	May 2016	161	155	1	134	19	153	7488.74	572
*	Jun 2016	285	265	1	46	0	46	7514.84	788
	Jul 2016	94	101	2	105	0	105	7514.22	783
	Aug 2016	50	61	1	113	0	113	7508.07	729
	Sep 2016	35	44	1	94	0	94	7502.04	678
	WY 2016	**884**	**885**	**9**	**903**	**19**	**924**		
	Oct 2016	37	38	1	76	0	76	7497.32	640
	Nov 2016	30	30	0	43	0	43	7495.73	627
	Dec 2016	26	27	0	74	0	74	7489.82	580
	Jan 2017	23	25	0	44	0	44	7487.35	561
	Feb 2017	19	22	0	28	0	28	7486.55	555
	Mar 2017	31	34	0	35	0	35	7486.32	553
	Apr 2017	63	63	1	52	0	52	7487.65	563
	May 2017	200	186	1	144	0	144	7492.89	604
	Jun 2017	245	224	1	88	0	88	7509.20	739
	Jul 2017	93	99	2	86	0	86	7510.48	750
	Aug 2017	50	62	1	96	0	96	7506.44	715
	Sep 2017	38	48	1	101	0	101	7499.94	661
	WY 2017	**855**	**857**	**9**	**865**	**0**	**865**		
	Oct 2017	38	44	1	74	0	74	7496.18	630
	Nov 2017	31	32	0	47	0	47	7494.31	615
	Dec 2017	26	27	0	66	0	66	7489.39	577
	Jan 2018	24	26	0	59	0	59	7485.01	543
	Feb 2018	22	25	0	31	0	31	7484.18	537
	Mar 2018	36	38	0	38	0	38	7484.08	536
	Apr 2018	77	74	1	55	0	55	7486.53	555
	May 2018	221	213	1	137	0	137	7496.13	630
	Jun 2018	261	241	1	79	0	79	7515.05	790

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2016 24-Month Study

Most Probable Inflow*

Morrow Point Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jul 2015	135	145	3	148	148	0	148	7154.93	113
H	Aug 2015	60	105	0	105	106	0	106	7153.74	112
I	Sep 2015	39	95	0	95	103	0	103	7143.98	104
	WY 2015	**1095**	**912**	**53**	**965**	**926**	**23**	**972**		
S	Oct 2015	34	87	0	87	93	0	93	7135.56	98
T	Nov 2015	31	45	1	46	47	0	47	7133.97	97
O	Dec 2015	28	62	1	62	46	1	47	7154.01	112
R	Jan 2016	27	61	1	62	64	0	64	7150.69	110
I	Feb 2016	27	58	1	60	61	0	61	7148.82	108
C	Mar 2016	43	37	2	39	36	0	36	7152.74	111
A	Apr 2016	83	63	7	71	71	0	71	7152.57	111
L	May 2016	176	153	15	168	176	4	180	7136.53	99
*	Jun 2016	302	46	18	64	52	0	52	7152.31	111
	Jul 2016	104	105	10	115	113	0	113	7153.73	112
	Aug 2016	53	113	3	116	116	0	116	7153.73	112
	Sep 2016	38	94	3	97	97	0	97	7153.73	112
	WY 2016	**946**	**924**	**62**	**985**	**972**	**5**	**977**		
	Oct 2016	39	76	2	78	78	0	78	7153.73	112
	Nov 2016	32	43	2	45	45	0	45	7153.73	112
	Dec 2016	27	74	1	75	75	0	75	7153.73	112
	Jan 2017	25	44	2	46	46	0	46	7153.73	112
	Feb 2017	21	28	2	30	30	0	30	7153.73	112
	Mar 2017	35	35	4	39	39	0	39	7153.73	112
	Apr 2017	72	52	9	61	61	0	61	7153.73	112
	May 2017	220	144	20	164	164	0	164	7153.73	112
	Jun 2017	260	88	15	103	103	0	103	7153.73	112
	Jul 2017	97	86	4	90	90	0	90	7153.73	112
	Aug 2017	52	96	2	98	98	0	98	7153.73	112
	Sep 2017	40	101	2	103	103	0	103	7153.73	112
	WY 2017	**920**	**865**	**65**	**930**	**930**	**0**	**930**		
	Oct 2017	40	74	2	76	76	0	76	7153.73	112
	Nov 2017	33	47	2	49	49	0	49	7153.73	112
	Dec 2017	28	66	2	68	68	0	68	7153.73	112
	Jan 2018	27	59	2	61	61	0	61	7153.73	112
	Feb 2018	25	31	3	33	33	0	33	7153.73	112
	Mar 2018	40	38	4	42	42	0	42	7153.73	112
	Apr 2018	88	55	11	66	66	0	66	7153.73	112
	May 2018	247	137	26	163	163	0	163	7153.73	112
	Jun 2018	281	79	20	99	99	0	99	7153.73	112

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2016 24-Month Study

Most Probable Inflow*

Crystal Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
*	Jul 2015	143	148	9	156	114	44	158	6751.21	16	65	96
H	Aug 2015	63	106	4	110	110	0	111	6749.17	16	65	47
I	Sep 2015	42	103	3	106	96	11	107	6744.61	15	57	50
	WY 2015	**1201**	**972**	**106**	**1078**	**843**	**171**	**1078**			**393**	**709**
S	Oct 2015	37	93	3	96	0	94	94	6750.81	16	51	44
T	Nov 2015	34	47	3	50	0	50	50	6750.12	16	0	51
O	Dec 2015	32	47	4	51	40	12	52	6747.07	15	1	53
R	Jan 2016	31	64	4	68	67	0	68	6748.20	16	1	69
I	Feb 2016	30	61	3	64	63	0	63	6752.48	17	0	65
C	Mar 2016	48	36	5	41	41	0	41	6752.32	17	2	41
A	Apr 2016	92	71	9	80	80	0	80	6751.41	16	47	36
L	May 2016	194	180	18	198	109	64	197	6753.13	17	51	154
*	Jun 2016	344	52	41	93	74	20	93	6752.00	17	43	55
	Jul 2016	110	113	6	119	119	0	119	6753.04	17	65	54
	Aug 2016	58	116	5	121	121	0	121	6753.04	17	65	56
	Sep 2016	44	97	6	103	103	0	103	6753.04	17	55	48
	WY 2016	**1053**	**977**	**107**	**1084**	**817**	**240**	**1082**			**383**	**725**
	Oct 2016	45	78	6	84	84	0	84	6753.04	17	30	54
	Nov 2016	36	45	4	49	49	0	49	6753.04	17	0	49
	Dec 2016	31	75	4	79	79	0	79	6753.04	17	0	79
	Jan 2017	29	46	4	50	50	0	50	6753.04	17	0	50
	Feb 2017	24	30	3	33	33	0	33	6753.04	17	0	33
	Mar 2017	40	39	5	44	44	0	44	6753.04	17	5	39
	Apr 2017	82	61	10	71	71	0	71	6753.04	17	30	41
	May 2017	250	164	30	194	134	60	194	6753.04	17	55	139
	Jun 2017	290	103	30	133	130	3	133	6753.04	17	60	73
	Jul 2017	105	90	8	98	98	0	98	6753.04	17	65	33
	Aug 2017	58	98	6	104	104	0	104	6753.04	17	65	39
	Sep 2017	45	103	5	108	108	0	108	6753.04	17	55	53
	WY 2017	**1035**	**930**	**115**	**1045**	**982**	**63**	**1045**			**365**	**680**
	Oct 2017	46	76	5	82	82	0	82	6753.04	17	30	52
	Nov 2017	38	49	4	53	53	0	53	6753.04	17	0	53
	Dec 2017	32	68	5	72	72	0	72	6753.04	17	0	72
	Jan 2018	31	61	5	66	66	0	66	6753.04	17	0	66
	Feb 2018	29	33	4	37	37	0	37	6753.04	17	0	37
	Mar 2018	46	42	6	48	48	0	48	6753.04	17	5	43
	Apr 2018	101	66	12	79	79	0	79	6753.04	17	30	49
	May 2018	281	163	34	197	134	63	197	6753.04	17	55	142
	Jun 2018	315	99	34	133	130	3	133	6753.04	17	60	73

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2016 24-Month Study

Most Probable Inflow*

Vallecito Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jul 2015	37	42	7661.73	117
H	Aug 2015	13	35	7652.83	94
I	Sep 2015	11	29	7645.08	75
	WY 2015	**294**	**285**		
S	Oct 2015	17	15	7645.65	77
T	Nov 2015	11	5	7648.25	83
O	Dec 2015	7	4	7649.57	86
R	Jan 2016	6	7	7649.21	85
I	Feb 2016	7	6	7649.77	86
C	Mar 2016	14	6	7652.71	94
A	Apr 2016	25	13	7657.23	105
L	May 2016	60	44	7663.23	121
*	Jun 2016	77	73	7664.30	124
	Jul 2016	21	41	7656.51	103
	Aug 2016	15	38	7647.03	80
	Sep 2016	15	29	7640.51	65
	WY 2016	**274**	**281**		
	Oct 2016	12	17	7638.28	61
	Nov 2016	8	4	7640.34	65
	Dec 2016	6	4	7641.38	67
	Jan 2017	5	4	7641.95	68
	Feb 2017	4	3	7642.22	69
	Mar 2017	6	4	7643.18	71
	Apr 2017	21	4	7650.56	88
	May 2017	69	34	7664.10	123
	Jun 2017	66	65	7664.07	123
	Jul 2017	28	42	7658.72	109
	Aug 2017	19	38	7651.05	89
	Sep 2017	16	30	7645.11	76
	WY 2017	**260**	**246**		
	Oct 2017	15	17	7643.94	73
	Nov 2017	9	4	7646.08	78
	Dec 2017	6	4	7647.19	80
	Jan 2018	5	4	7647.88	82
	Feb 2018	5	3	7648.44	83
	Mar 2018	9	4	7650.41	88
	Apr 2018	23	4	7658.19	107
	May 2018	71	57	7663.62	122
	Jun 2018	70	70	7663.62	122

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Managing Water in the West

July 2016 24-Month Study

Most Probable Inflow*

Navajo Reservoir

	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azetea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Farmington Flow (1000 Ac-Ft)
*	Jul 2015	76	9	72	5	39	27	6068.68	1462	93
H	Aug 2015	15	1	36	4	33	42	6065.47	1419	63
I	Sep 2015	15	0	33	3	25	33	6063.41	1392	48
	WY 2015	**900**	**90**	**797**	**27**	**170**	**289**			**890**
S	Oct 2015	42	1	40	2	9	29	6063.43	1392	55
T	Nov 2015	37	1	30	1	0	21	6064.00	1400	39
O	Dec 2015	23	0	19	1	0	21	6063.81	1397	34
R	Jan 2016	22	0	23	1	0	22	6063.77	1396	34
I	Feb 2016	41	2	38	1	1	28	6064.39	1405	43
C	Mar 2016	81	7	67	2	4	25	6067.08	1441	52
A	Apr 2016	119	13	94	3	19	22	6070.75	1491	59
L	May 2016	209	26	167	4	12	93	6074.87	1549	184
*	Jun 2016	213	33	175	5	25	251	6067.29	1443	402
	Jul 2016	34	5	49	5	61	69	6060.78	1358	113
	Aug 2016	26	1	48	4	56	38	6056.83	1308	67
	Sep 2016	30	1	43	3	35	29	6054.92	1284	55
	WY 2016	**877**	**90**	**794**	**29**	**224**	**649**			**1138**
	Oct 2016	33	1	36	2	20	24	6054.13	1275	46
	Nov 2016	32	0	27	1	3	22	6054.20	1276	38
	Dec 2016	23	0	21	1	0	23	6053.96	1273	36
	Jan 2017	20	0	19	1	0	23	6053.54	1268	35
	Feb 2017	23	0	22	1	0	21	6053.60	1268	31
	Mar 2017	68	2	64	2	5	23	6056.38	1302	39
	Apr 2017	135	15	102	2	20	22	6060.95	1360	63
	May 2017	280	40	204	4	34	105	6065.63	1421	247
	Jun 2017	197	33	164	4	50	230	6056.21	1300	359
	Jul 2017	59	7	66	4	55	29	6054.39	1278	84
	Aug 2017	35	1	52	3	46	37	6051.55	1244	69
	Sep 2017	35	1	48	3	26	29	6050.81	1235	56
	WY 2017	**940**	**101**	**825**	**27**	**260**	**588**			**1103**
	Oct 2017	41	2	42	2	9	23	6051.45	1243	48
	Nov 2017	31	1	26	1	0	22	6051.66	1245	39
	Dec 2017	25	0	22	1	0	23	6051.54	1244	38
	Jan 2018	22	0	20	1	0	23	6051.26	1240	37
	Feb 2018	30	0	29	1	0	21	6051.86	1248	33
	Mar 2018	92	2	85	2	5	23	6056.42	1303	45
	Apr 2018	170	16	135	2	21	22	6063.48	1393	75
	May 2018	277	41	221	4	35	160	6065.17	1415	306
	Jun 2018	224	33	190	4	51	272	6054.38	1278	423

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2016 24-Month Study

Most Probable Inflow*

Lake Powell

	Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry Gage (1000 Ac-Ft)
*	Jul 2015	1072	1002	55	1048	0	1048	3612.62	5093	12996	1076
H	Aug 2015	313	466	54	799	0	799	3609.07	5065	12637	814
I	Sep 2015	276	435	49	714	0	714	3606.01	5040	12333	726
	WY 2015	**10174**	**9419**	**368**	**8868**	**132**	**9000**				**9136**
S	Oct 2015	535	680	34	600	0	600	3606.44	5044	12375	609
T	Nov 2015	421	506	32	577	0	577	3605.47	5036	12280	583
O	Dec 2015	266	393	26	857	0	857	3600.80	5000	11827	863
R	Jan 2016	300	433	8	857	0	857	3596.58	4968	11427	865
I	Feb 2016	396	490	8	700	0	700	3594.41	4952	11224	704
C	Mar 2016	553	486	14	694	0	694	3592.18	4935	11019	707
A	Apr 2016	814	681	22	665	0	665	3592.12	4935	11014	681
L	May 2016	2294	1925	26	700	0	700	3603.87	5024	12123	714
*	Jun 2016	2907	2618	46	800	0	800	3620.01	5155	13764	812
	Jul 2016	700	818	57	950	0	950	3618.35	5141	13589	966
	Aug 2016	380	545	56	900	0	900	3614.69	5110	13209	915
	Sep 2016	350	492	51	699	0	699	3612.37	5091	12970	712
	WY 2016	**9917**	**10067**	**379**	**9000**	**0**	**9000**				**9132**
	Oct 2016	450	535	35	600	0	600	3611.46	5084	12878	609
	Nov 2016	450	490	34	600	0	600	3610.14	5073	12745	604
	Dec 2016	350	453	26	800	0	800	3606.68	5046	12399	803
	Jan 2017	320	394	8	800	0	800	3602.76	5015	12016	807
	Feb 2017	350	398	8	650	0	650	3600.25	4996	11774	654
	Mar 2017	550	519	14	650	0	650	3598.84	4985	11640	655
	Apr 2017	850	724	23	600	0	600	3599.83	4992	11734	609
	May 2017	2250	1990	28	650	0	650	3612.15	5090	12948	658
	Jun 2017	2600	2442	48	800	0	800	3626.13	5208	14424	807
	Jul 2017	850	758	60	1000	0	1000	3623.57	5185	14145	1016
	Aug 2017	420	535	58	1050	0	1050	3618.59	5143	13615	1065
	Sep 2017	340	465	52	800	0	800	3615.16	5114	13256	813
	WY 2017	**9780**	**9703**	**394**	**9000**	**0**	**9000**				**9102**
	Oct 2017	455	524	36	600	0	600	3614.16	5106	13153	609
	Nov 2017	447	497	34	600	0	600	3612.91	5096	13026	604
	Dec 2017	363	461	27	800	0	800	3609.57	5069	12687	803
	Jan 2018	361	452	8	800	0	800	3606.26	5042	12357	807
	Feb 2018	393	433	9	650	0	650	3604.13	5026	12149	654
	Mar 2018	665	598	15	650	0	650	3603.50	5021	12087	655
	Apr 2018	1056	880	24	600	0	600	3605.93	5040	12325	609
	May 2018	2343	2068	29	650	0	650	3618.55	5143	13611	658
	Jun 2018	2666	2427	50	800	0	800	3631.94	5259	15071	807

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2016 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Glen Release (1000 Ac-Ft)	Side Inflow Glen to Hoover (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Jul 2015	1048	80	65	767	12.5	28	766	641	1078.15	9858
H	Aug 2015	799	114	70	803	13.1	27	802	642	1078.31	9871
I	Sep 2015	714	72	58	723	12.1	24	722	641	1078.10	9854
	WY 2015	**9000**	**722**	**540**	**9246**		**221**	**9215**			
S	Oct 2015	600	118	42	578	9.4	20	577	645	1078.99	9927
T	Nov 2015	577	41	42	631	10.6	12	630	641	1078.23	9865
O	Dec 2015	857	43	36	619	10.1	9	618	656	1080.91	10087
R	Jan 2016	857	89	30	662	10.8	8	661	671	1083.68	10318
I	Feb 2016	700	81	28	699	12.2	10	698	673	1084.17	10360
C	Mar 2016	694	31	31	1008	16.4	18	1007	653	1080.45	10048
A	Apr 2016	665	68	38	1055	17.7	18	1055	630	1076.13	9693
L	May 2016	700	50	43	887	14.4	22	885	618	1073.80	9504
*	Jun 2016	800	15	51	920	15.5	28	919	606	1071.64	9330
	Jul 2016	950	78	64	799	13.0	28	799	615	1073.23	9458
	Aug 2016	900	124	69	726	11.8	26	726	627	1075.60	9650
	Sep 2016	699	112	57	697	11.7	20	697	629	1076.02	9684
	WY 2016	**9000**	**849**	**532**	**9281**		**217**	**9273**			
	Oct 2016	600	69	42	485	7.9	22	485	637	1077.40	9797
	Nov 2016	600	56	42	646	10.8	13	646	634	1076.90	9755
	Dec 2016	800	54	36	596	9.7	8	596	647	1079.34	9956
	Jan 2017	800	62	30	729	11.8	8	729	653	1080.43	10046
	Feb 2017	650	73	27	728	13.1	7	728	651	1079.98	10009
	Mar 2017	650	55	30	1034	16.8	15	1034	628	1075.70	9658
	Apr 2017	600	53	37	1097	18.4	21	1097	597	1069.84	9187
	May 2017	650	37	42	990	16.1	29	990	574	1065.37	8836
	Jun 2017	800	21	50	884	14.9	29	884	566	1063.65	8702
	Jul 2017	1000	78	62	840	13.7	31	840	575	1065.41	8839
	Aug 2017	1050	124	67	760	12.4	29	760	594	1069.23	9139
	Sep 2017	800	112	56	727	12.2	16	727	601	1070.57	9245
	WY 2017	**9000**	**795**	**520**	**9515**		**227**	**9515**			
	Oct 2017	600	69	41	481	7.8	20	481	609	1072.07	9364
	Nov 2017	600	56	41	619	10.4	11	619	608	1071.90	9351
	Dec 2017	800	54	35	570	9.3	7	570	623	1074.72	9578
	Jan 2018	800	62	29	691	11.2	15	691	630	1076.19	9697
	Feb 2018	650	73	27	662	11.9	17	662	631	1076.37	9713
	Mar 2018	650	55	30	1006	16.4	23	1006	610	1072.27	9380
	Apr 2018	600	53	36	1055	17.7	26	1055	581	1066.76	8944
	May 2018	650	37	41	959	15.6	32	959	560	1062.58	8620
	Jun 2018	800	21	49	918	15.4	32	918	549	1060.40	8453

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RECLAMATION
Managing Water in the West

July 2016 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Jul 2015	767	-14	25	762	0	762	12.4	642.57	1687
H	Aug 2015	803	-16	23	775	0	775	12.6	642.12	1675
I	Sep 2015	723	-16	18	758	0	758	12.7	639.56	1606
	WY 2015	**9246**	**-142**	**198**	**8945**	**0**	**8945**			
S	Oct 2015	578	-7	15	655	0	655	10.7	635.80	1507
T	Nov 2015	631	-14	10	599	0	599	10.1	636.11	1514
O	Dec 2015	619	-13	9	527	0	527	8.6	638.77	1585
R	Jan 2016	662	-32	10	553	0	553	9.0	641.26	1651
I	Feb 2016	699	-20	10	675	0	675	11.7	641.04	1645
C	Mar 2016	1008	-16	13	921	0	921	15.0	643.17	1703
A	Apr 2016	1055	-18	17	979	0	979	16.4	644.70	1746
L	May 2016	887	-6	22	903	0	903	14.7	643.07	1701
*	Jun 2016	920	-16	26	838	0	838	14.1	644.53	1741
	Jul 2016	799	-13	26	816	0	816	13.3	642.50	1685
	Aug 2016	726	-11	23	706	0	706	11.5	642.00	1671
	Sep 2016	697	-9	18	724	0	724	12.2	640.01	1617
	WY 2016	**9281**	**-174**	**198**	**8897**	**0**	**8897**			
	Oct 2016	485	-1	15	652	0	652	10.6	633.00	1434
	Nov 2016	646	-8	10	576	0	576	9.7	635.00	1486
	Dec 2016	596	-12	9	477	0	477	7.8	638.71	1583
	Jan 2017	729	-14	10	622	0	622	10.1	641.80	1666
	Feb 2017	728	-14	10	705	0	705	12.7	641.80	1666
	Mar 2017	1034	-16	13	971	0	971	15.8	643.05	1700
	Apr 2017	1097	-19	17	1063	0	1063	17.9	643.00	1699
	May 2017	990	-13	22	955	0	955	15.5	643.00	1699
	Jun 2017	884	-16	25	869	0	869	14.6	642.00	1671
	Jul 2017	840	-13	25	815	0	815	13.2	641.50	1658
	Aug 2017	760	-11	23	726	0	726	11.8	641.50	1658
	Sep 2017	727	-9	18	741	0	741	12.4	640.01	1617
	WY 2017	**9515**	**-146**	**197**	**9172**	**0**	**9172**			
	Oct 2017	481	-1	15	648	0	648	10.5	633.00	1434
	Nov 2017	619	-8	10	550	0	550	9.2	635.00	1486
	Dec 2017	570	-12	9	451	0	451	7.3	638.71	1583
	Jan 2018	691	-14	10	584	0	584	9.5	641.80	1666
	Feb 2018	662	-14	10	639	0	639	11.5	641.80	1666
	Mar 2018	1006	-16	13	943	0	943	15.3	643.05	1700
	Apr 2018	1055	-19	17	1021	0	1021	17.2	643.00	1699
	May 2018	959	-13	22	924	0	924	15.0	643.00	1699
	Jun 2018	918	-16	25	903	0	903	15.2	642.00	1671

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
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July 2016 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	Jul 2015	762	18	17	592	9.6	107	70	447.99	580	107	1.7
H	Aug 2015	775	16	17	580	9.4	107	70	448.30	586	93	1.5
I	Sep 2015	758	19	15	487	8.2	104	168	448.04	581	90	1.5
	WY 2015	**8945**	**179**	**140**	**6135**		**1195**	**1566**			**1510**	
S	Oct 2015	655	34	12	458	7.5	101	115	447.88	578	59	1.0
T	Nov 2015	599	11	9	385	6.5	98	120	447.57	572	93	1.6
O	Dec 2015	527	22	7	321	5.2	101	130	446.92	560	105	1.7
R	Jan 2016	553	26	6	324	5.3	97	156	446.60	554	154	2.5
I	Feb 2016	675	10	8	543	9.4	13	117	446.50	552	180	3.1
C	Mar 2016	921	18	9	695	11.3	89	123	447.40	569	221	3.6
A	Apr 2016	979	18	11	689	11.6	93	169	448.89	597	202	3.4
L	May 2016	903	13	13	636	10.3	97	176	448.08	581	97	1.6
*	Jun 2016	838	18	15	633	10.6	95	89	448.81	596	92	1.5
	Jul 2016	816	29	17	653	10.6	99	69	448.50	590	92	1.5
	Aug 2016	706	26	17	556	9.0	85	69	448.00	580	94	1.5
	Sep 2016	724	23	15	516	8.7	76	140	447.50	571	89	1.5
	WY 2016	**8897**	**248**	**140**	**6408**		**1043**	**1472**			**1479**	
	Oct 2016	652	27	12	468	7.6	57	135	447.50	570	65	1.1
	Nov 2016	576	22	9	373	6.3	97	113	447.50	571	103	1.7
	Dec 2016	477	19	7	287	4.7	99	118	446.50	552	115	1.9
	Jan 2017	622	13	6	388	6.3	82	154	446.50	552	154	2.5
	Feb 2017	705	12	8	485	8.7	73	143	446.50	552	180	3.2
	Mar 2017	971	4	9	724	11.8	82	150	446.70	555	206	3.4
	Apr 2017	1063	19	11	761	12.8	79	182	448.70	593	192	3.2
	May 2017	955	16	13	675	11.0	82	189	448.70	593	97	1.6
	Jun 2017	869	14	16	688	11.6	79	86	448.70	593	98	1.6
	Jul 2017	815	29	17	655	10.7	82	90	448.00	580	99	1.6
	Aug 2017	726	26	17	558	9.1	82	91	447.50	571	99	1.6
	Sep 2017	741	23	15	507	8.5	79	153	447.50	570	89	1.5
	WY 2017	**9172**	**224**	**139**	**6571**		**972**	**1604**			**1497**	
	Oct 2017	648	27	12	466	7.6	82	108	447.50	571	68	1.1
	Nov 2017	550	22	9	370	6.2	79	108	447.50	571	103	1.7
	Dec 2017	451	19	7	288	4.7	82	108	446.50	552	115	1.9
	Jan 2018	584	13	6	378	6.2	102	106	446.50	552	150	2.4
	Feb 2018	639	12	8	476	8.6	59	99	446.50	552	175	3.1
	Mar 2018	943	4	9	718	11.7	85	124	446.70	555	199	3.2
	Apr 2018	1021	19	11	757	12.7	99	124	448.70	593	185	3.1
	May 2018	924	16	13	676	11.0	102	137	448.70	593	93	1.5
	Jun 2018	903	14	16	689	11.6	99	99	448.70	593	94	1.6

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2016 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Jul 2015	767	12.5	1078.15	9858	251	432.42	1455.0	292.7	94	381.4
H	Aug 2015	803	13.1	1078.31	9871	13	434.75	1451.0	307.8	93	383.4
I	Sep 2015	723	12.1	1078.10	9854	-17	435.36	1563.0	275.2	100	380.7
	WY 2015	**9246**							**3596.9**		
S	Oct 2015	578	9.4	1078.99	9927	73	435.13	1088.0	221.8	70	383.6
T	Nov 2015	631	10.6	1078.23	9865	-63	433.49	1088.0	244.8	70	387.9
O	Dec 2015	619	10.1	1080.91	10087	222	434.77	1069.0	241.9	68	390.9
R	Jan 2016	662	10.8	1083.68	10318	232	438.04	775.0	258.5	49	390.7
I	Feb 2016	699	12.2	1084.17	10360	41	437.39	880.0	277.0	55	396.1
C	Mar 2016	1008	16.4	1080.45	10048	-311	434.20	973.0	402.7	61	399.7
A	Apr 2016	1055	17.7	1076.13	9693	-355	429.37	1244.0	413.9	80	392.2
L	May 2016	887	14.4	1073.80	9504	-189	426.83	1164.0	343.6	74	387.5
*	Jun 2016	920	15.5	1071.64	9330	-174	425.27	1558.0	349.7	100	380.2
	Jul 2016	799	13.0	1073.23	9458	128	418.69	1558.0	302.1	100	378.0
	Aug 2016	726	11.8	1075.60	9650	191	421.48	1555.0	273.4	100	376.4
	Sep 2016	697	11.7	1076.02	9684	35	423.67	1557.0	263.4	100	377.9
	WY 2016	**9281**							**3592.8**		
	Oct 2016	485	7.9	1077.40	9797	113	430.73	996.0	187.8	64	387.4
	Nov 2016	646	10.8	1076.90	9755	-42	431.65	1257.0	247.6	80	383.5
	Dec 2016	596	9.7	1079.34	9956	201	429.96	1385.0	227.3	88	381.6
	Jan 2017	729	11.8	1080.43	10046	90	430.16	1291.0	281.7	82	386.6
	Feb 2017	728	13.1	1079.98	10009	-37	429.92	1223.0	285.5	77	392.0
	Mar 2017	1034	16.8	1075.70	9658	-352	426.86	1248.0	400.5	80	387.2
	Apr 2017	1097	18.4	1069.84	9187	-471	421.34	1235.0	424.2	81	386.7
	May 2017	990	16.1	1065.37	8836	-351	416.33	1201.0	371.3	80	374.9
	Jun 2017	884	14.9	1063.65	8702	-133	411.51	1487.0	325.9	100	368.7
	Jul 2017	840	13.7	1065.41	8839	136	412.02	1497.0	313.8	100	373.7
	Aug 2017	760	12.4	1069.23	9139	300	414.94	1519.0	282.9	100	372.5
	Sep 2017	727	12.2	1070.57	9245	106	417.98	1527.0	272.6	100	374.8
	WY 2017	**9515**							**3621.1**		
	Oct 2017	481	7.8	1072.07	9364	119	424.23	1141.0	183.0	74	380.4
	Nov 2017	619	10.4	1071.90	9351	-13	427.24	1131.0	238.1	74	384.8
	Dec 2017	570	9.3	1074.72	9578	227	425.19	1349.6	214.0	88	375.5
	Jan 2018	691	11.2	1076.19	9697	119	425.76	1260.0	262.6	82	380.2
	Feb 2018	662	11.9	1076.37	9713	15	426.02	1196.7	254.4	77	384.1
	Mar 2018	1006	16.4	1072.27	9380	-332	423.37	1221.4	384.5	80	382.4
	Apr 2018	1055	17.7	1066.76	8944	-436	418.11	1210.5	402.7	81	381.6
	May 2018	959	15.6	1062.58	8620	-324	413.42	1177.9	361.3	80	376.5
	Jun 2018	918	15.4	1060.40	8453	-167	408.52	1455.9	337.2	100	367.5

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2016 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Jul 2015	762	12.4	642.57	1687	-34	140.97	255.0	98.4	100	129.1
H	Aug 2015	775	12.6	642.12	1675	-12	142.40	255.0	99.2	100	127.9
I	Sep 2015	758	12.7	639.56	1606	-69	137.76	255.0	95.5	100	126.0
	WY 2015	**8945**							**1122.4**		
S	Oct 2015	655	10.7	635.80	1507	-99	136.05	211.7	81.6	83	124.5
T	Nov 2015	599	10.1	636.11	1514	8	136.53	165.8	72.5	65	121.0
O	Dec 2015	527	8.6	638.77	1585	70	135.98	155.6	65.1	61	123.6
R	Jan 2016	553	9.0	641.26	1651	67	141.86	163.2	71.9	64	129.9
I	Feb 2016	675	11.7	641.04	1645	-6		178.5	86.3	70	127.8
C	Mar 2016	921	15.0	643.17	1703	58	139.07	214.2	117.9	84	128.0
A	Apr 2016	979	16.4	644.70	1746	42	143.66	255.0	125.4	100	128.2
L	May 2016	903	14.7	643.07	1701	-45	141.63	252.5	115.5	99	127.8
*	Jun 2016	838	14.1	644.53	1741	40	143.17	255.0	107.4	100	128.1
	Jul 2016	816	13.3	642.50	1685	-56	136.56	255.0	103.1	100	126.3
	Aug 2016	706	11.5	642.00	1671	-14	135.25	255.0	88.8	100	125.8
	Sep 2016	724	12.2	640.01	1617	-54	133.94	255.0	90.1	100	124.4
	WY 2016	**8897**							**1125.5**		
	Oct 2016	652	10.6	633.00	1434	-183	129.77	234.6	78.8	92	120.9
	Nov 2016	576	9.7	635.00	1486	51	128.06	204.0	68.6	80	119.0
	Dec 2016	477	7.8	638.71	1583	97	130.45	224.4	58.4	88	122.3
	Jan 2017	622	10.1	641.80	1666	83	135.03	191.3	77.4	75	124.5
	Feb 2017	705	12.7	641.80	1666	0	137.09	176.0	88.1	69	124.9
	Mar 2017	971	15.8	643.05	1700	34	135.44	255.0	121.0	100	124.5
	Apr 2017	1063	17.9	643.00	1699	-2	136.07	255.0	132.2	100	124.4
	May 2017	955	15.5	643.00	1699	0	136.04	255.0	119.5	100	125.1
	Jun 2017	869	14.6	642.00	1671	-27	135.51	255.0	108.6	100	124.9
	Jul 2017	815	13.2	641.50	1658	-14	134.73	255.0	101.6	100	124.7
	Aug 2017	726	11.8	641.50	1658	0	134.46	255.0	90.7	100	125.0
	Sep 2017	741	12.4	640.01	1617	-40	133.68	255.0	91.9	100	124.1
	WY 2017	**9172**							**1136.8**		
	Oct 2017	648	10.5	633.00	1434	-183	129.77	234.6	78.4	92	120.9
	Nov 2017	550	9.2	635.00	1486	51	128.06	204.0	65.5	80	119.2
	Dec 2017	451	7.3	638.71	1583	97	130.45	224.4	55.3	88	122.5
	Jan 2018	584	9.5	641.80	1666	83	135.03	191.3	72.8	75	124.7
	Feb 2018	639	11.5	641.80	1666	0	137.09	176.0	80.1	69	125.4
	Mar 2018	943	15.3	643.05	1700	34	135.44	255.0	117.5	100	124.7
	Apr 2018	1021	17.2	643.00	1699	-2	136.07	255.0	127.3	100	124.6
	May 2018	924	15.0	643.00	1699	0	136.04	255.0	115.7	100	125.3
	Jun 2018	903	15.2	642.00	1671	-27	135.51	255.0	112.7	100	124.8

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2016 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Jul 2015	592	9.6	447.99	580	-17	81.75	120.0	41.8	100	70.7
H	Aug 2015	580	9.4	448.30	586	6	82.40	120.0	40.9	100	70.4
I	Sep 2015	487	8.2	448.04	581	-5	82.23	120.0	34.6	100	71.1
	WY 2015	**6135**							**430.7**		
S	Oct 2015	458	7.5	447.88	578	-3	81.97	91.2	32.3	76	70.6
T	Nov 2015	385	6.5	447.57	572	-6	83.21	96.0	27.1	80	70.3
O	Dec 2015	321	5.2	446.92	560	-12	82.51	120.0	21.9	100	68.4
R	Jan 2016	324	5.3	446.60	554	-6	80.76	94.8	22.3	79	68.8
I	Feb 2016	528	9.4	446.50	552	-2	78.54	87.6	38.1	73	72.2
C	Mar 2016	695	11.3	447.40	569	17	81.63	104.4	48.9	87	70.3
A	Apr 2016	689	11.6	448.89	597	28	83.09	120.0	48.4	100	70.3
L	May 2016	636	10.3	448.08	581	-15	82.13	120.0	45.1	100	70.9
*	Jun 2016	633	10.6	448.81	596	14	83.02	120.0	44.8	100	70.8
	Jul 2016	653	10.6	448.50	590	-6	76.01	120.0	43.3	100	66.3
	Aug 2016	556	9.0	448.00	580	-9	75.61	120.0	36.5	100	65.6
	Sep 2016	516	8.7	447.50	571	-10	75.13	120.0	33.6	100	65.2
	WY 2016	**6394**							**442.3**		
	Oct 2016	468	7.6	447.50	570	0	75.74	100.8	30.6	84	65.4
	Nov 2016	373	6.3	447.50	571	0	75.92	97.2	24.2	81	64.9
	Dec 2016	287	4.7	446.50	552	-19	74.40	120.0	18.0	100	62.6
	Jan 2017	388	6.3	446.50	552	0	75.13	93.6	25.0	78	64.5
	Feb 2017	485	8.7	446.50	552	0	74.71	102.0	31.6	85	65.1
	Mar 2017	724	11.8	446.70	555	4	74.01	120.0	47.0	100	65.0
	Apr 2017	761	12.8	448.70	593	38	75.08	120.0	50.2	100	65.9
	May 2017	675	11.0	448.70	593	0	76.05	120.0	44.8	100	66.4
	Jun 2017	688	11.6	448.70	593	0	76.05	120.0	45.8	100	66.5
	Jul 2017	655	10.7	448.00	580	-13	75.71	120.0	43.3	100	66.1
	Aug 2017	558	9.1	447.50	571	-9	75.13	120.0	36.4	100	65.3
	Sep 2017	507	8.5	447.50	570	0	74.89	120.0	33.0	100	65.0
	WY 2017	**6571**							**430.0**		
	Oct 2017	466	7.6	447.50	571	0	75.74	100.8	30.5	84	65.4
	Nov 2017	370	6.2	447.50	571	0	75.92	97.2	24.0	81	64.9
	Dec 2017	288	4.7	446.50	552	-19	74.40	120.0	18.1	100	62.6
	Jan 2018	378	6.2	446.50	552	0	74.89	98.4	24.3	82	64.2
	Feb 2018	476	8.6	446.50	552	0	75.07	94.8	31.1	79	65.4
	Mar 2018	718	11.7	446.70	555	4	74.01	120.0	46.6	100	65.0
	Apr 2018	757	12.7	448.70	593	38	75.08	120.0	49.9	100	65.9
	May 2018	676	11.0	448.70	593	0	76.05	120.0	44.9	100	66.4
	Jun 2018	689	11.6	448.70	593	0	76.05	120.0	45.8	100	66.5

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2016 24-Month Study

Most Probable Inflow*

Upper Basin Power

	Date	Glen Canyon 1000 MWHR	Flaming Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Reservoir 1000 MWHR	Fontenelle Reservoir 1000 MWHR
*	Jul 2015	471	42	41	53	22	8
H	Aug 2015	357	42	32	38	21	7
I	Sep 2015	317	40	28	37	18	0
	Summer 2015	**2049**	**256**	**173**	**241**	**111**	**39**
S	Oct 2015	264	52	26	32	0	4
T	Nov 2015	256	52	13	15	0	4
O	Dec 2015	378	53	18	16	7	4
R	Jan 2016	373	52	17	22	13	3
I	Feb 2016	302	45	16	21	12	4
C	Mar 2016	298	20	10	11	7	4
	Winter 2016	**1871**	**274**	**100**	**118**	**38**	**23**
A	Apr 2016	288	19	18	25	16	4
L	May 2016	305	20	38	61	21	7
*	Jun 2016	360	105	14	18	15	9
	Jul 2016	390	42	33	41	21	7
	Aug 2016	367	36	35	42	21	6
	Sep 2016	283	35	29	35	18	5
	Summer 2016	**1991**	**258**	**166**	**221**	**111**	**37**
	Oct 2016	242	35	23	28	14	5
	Nov 2016	242	34	13	16	8	5
	Dec 2016	321	35	22	27	14	5
	Jan 2017	318	35	13	17	9	5
	Feb 2017	257	31	8	11	6	4
	Mar 2017	256	35	10	14	8	4
	Winter 2017	**1635**	**204**	**89**	**112**	**58**	**28**
	Apr 2017	236	34	15	22	12	4
	May 2017	259	35	42	59	23	6
	Jun 2017	328	73	27	37	22	8
	Jul 2017	415	35	27	33	17	10
	Aug 2017	432	35	30	35	18	8
	Sep 2017	327	34	31	37	19	6
	Summer 2017	**1997**	**245**	**171**	**223**	**112**	**42**
	Oct 2017	244	35	22	27	14	6
	Nov 2017	243	34	14	18	9	6
	Dec 2017	322	35	19	24	12	6
	Jan 2018	320	35	17	22	11	5
	Feb 2018	259	31	9	12	6	4
	Mar 2018	258	35	11	15	8	4
	Winter 2018	**1388**	**169**	**82**	**104**	**54**	**27**
	Apr 2018	239	34	16	24	14	5
	May 2018	263	35	40	59	23	6
	Jun 2018	332	73	24	36	22	8

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2016 24-Month Study

Most Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions

Date	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Total KAF	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****EFFECTIVE SPACE****										
Jul 2016	439	41	253	10558	11290	18047	29337	-8	-10	-20	-39	10558	18047	28566	1500	799	0	31.3
								****CREDITABLE SPACE****										
Aug 2016	462	47	338	10733	11580	17919	29498	462	47	338	846	10733	17919	29498	1500	726	0	30.9
Sep 2016	509	100	388	11113	12110	17727	29838	509	100	388	997	11113	17727	29838	2270	697	0	30.5
Oct 2016	568	151	412	11352	12483	17693	30176	568	151	412	1131	11352	17693	30176	3040	485	0	30.3
Nov 2016	610	190	421	11444	12665	17580	30245	610	190	421	1221	11444	17580	30245	3810	646	0	30.1
Dec 2016	647	203	420	11577	12847	17622	30469	647	203	420	1270	11577	17622	30469	4580	596	0	29.9
Jan 2017	703	250	423	11923	13299	17421	30720	703	250	423	1376	11923	17421	30720	5350	729	0	29.6
								****EFFECTIVE SPACE****										
Jan 2017	703	250	423	11923	13299	17421	30720	281	197	188	666	11923	17421	30009	5350	729	0	29.6
Feb 2017	755	269	428	12306	13758	17331	31089	331	218	192	741	12306	17331	30378	1500	728	0	29.3
Mar 2017	798	275	428	12548	14048	17368	31416	372	227	190	790	12548	17368	30705	1500	1034	0	28.9
Apr 2017	806	276	394	12682	14158	17719	31877	376	231	150	756	12682	17719	31157	1500	1097	0	28.7
May 2017	775	266	336	12588	13965	18190	32155	338	220	70	627	12588	18190	31406	1500	990	0	29.7
Jun 2017	681	225	275	11374	12556	18541	31097	233	164	-30	367	11374	18541	30283	1500	884	0	31.2
Jul 2017	575	91	396	9898	10959	18675	29634	117	7	37	160	9898	18675	28732	1500	840	0	31.1
								****CREDITABLE SPACE****										
Aug 2017	477	79	418	10177	11151	18538	29689	477	79	418	974	10177	18538	29689	1500	760	0	30.7
Sep 2017	511	114	452	10707	11784	18238	30023	511	114	452	1077	10707	18238	30023	2270	727	0	30.3
Oct 2017	565	169	461	11066	12260	18132	30392	565	169	461	1194	11066	18132	30392	3040	481	0	30.1
Nov 2017	612	199	453	11169	12433	18013	30446	612	199	453	1265	11169	18013	30446	3810	619	0	29.9
Dec 2017	658	214	451	11296	12619	18026	30645	658	214	451	1323	11296	18026	30645	4580	570	0	29.8
Jan 2018	720	253	452	11635	13060	17799	30859	720	253	452	1425	11635	17799	30859	5350	691	0	29.6
								****EFFECTIVE SPACE****										
Jan 2018	720	253	452	11635	13060	17799	30859	403	253	191	847	11635	17799	30281	5350	691	0	29.6
Feb 2018	776	286	456	11965	13483	17680	31162	458	286	193	938	11965	17680	30582	1500	662	0	29.3
Mar 2018	820	293	448	12173	13734	17664	31399	500	293	185	978	12173	17664	30815	1500	1006	0	29.0
Apr 2018	817	293	393	12235	13738	17997	31735	493	293	123	909	12235	17997	31141	1500	1055	0	29.0
May 2018	783	275	303	11997	13358	18433	31791	452	275	10	737	11997	18433	31167	1500	959	0	30.2
Jun 2018	645	200	281	10711	11837	18757	30594	302	193	-51	444	10711	18757	29913	1500	918	0	31.7

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3011

Processed On: 7/11/2016 3:31:10PM

August 24-Month Study
Date: August 12, 2016

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

Reservoir	July Inflow (unregulated) (acre-feet)	Percent of Average (%)	August 10, Midnight Elevation (feet)	Reservoir Storage (acre-feet)
Fontenelle	80,000	37	6498.86	290,000
Flaming Gorge	91,000	35	6028.57	3,294,000
Blue Mesa	81,000	61	7510.79	753,000
Navajo	24,000	29	6061.00	1,361,000
Powell	595,000	55	3617.00	13,448,000

Expected Operations

The operation of Lake Powell and Lake Mead in this August 2016 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines) and reflects the 2016 Annual Operating Plan (AOP). Pursuant to the Interim Guidelines, the August 2015 24-Month Study projections of the January 1, 2016, system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2016.

Consistent with Section 6.B of the Interim Guidelines, the Lake Powell operational tier for water year 2016 is the Upper Elevation Balancing Tier. The April 2016 24-Month Study projected the end of water year elevation at Lake Powell to be above 3,575 feet above sea level (feet) and the end of water year elevation at Lake Mead to be below elevation 1,075 feet. Therefore, in accordance with Section 6.B.4 of the Interim Guidelines, Lake Powell operations shifted to "balancing releases" for the remainder of water year 2016. Based on the most probable inflow forecast, this August 24-Month Study projects a balancing release of 9.0 maf in water year 2016.

Consistent with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar year 2016.

The August 2016 24-Month Study projects the January 1, 2017 Lake Powell elevation to be below the 2017 Equalization Elevation of 3,652 feet and above elevation 3,575 feet.

Consistent with Section 6.B of the Interim Guidelines, Lake Powell's operations in water year 2017 will be governed by the Upper Elevation Balancing Tier, with an initial water year release volume of 8.23 maf and the potential for an April adjustment to equalization or balancing releases in April 2017. Consistent with Section 6.B.4 of the Interim Guidelines, an April adjustment to balancing releases is currently projected to occur and Lake Powell is projected to release 9.0 maf in water year 2017.

The August 2016 24-Month Study projects the January 1, 2017 Lake Mead elevation to be above 1,075 feet. Consistent with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar year 2017.

The operational tier determinations will be documented in the 2017 AOP, which is currently in development.

The Interim Guidelines are available for download at:
http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The 2016 AOP is available for download at:
http://www.usbr.gov/lc/region/g4000/aop/AOP16.pdf.

Fontenelle Reservoir – Fontenelle Reservoir is currently at elevation 6500 feet, which amounts to 87 percent of live storage capacity. Inflows for the month of July totaled 80,000 acre-feet (af), or 45 percent of average. Releases will be decreased to base flow levels of approximately 960 cubic feet per second (cfs) sometime in September and are forecasted to remain at this level through the winter, subject to hydrology.

The Colorado Basin River Forecast Center has forecasted spring inflows that are much below average. August, September and October forecasted inflow volumes amount to 44,000 af (58 percent of average), 36,000 af (78 percent of average), and 40,000 af (82 percent of average), respectively.

The next Fontenelle Working Group meeting is scheduled for 10:00 a.m., August 23, 2016. The meeting will be held at the Joint Powers Water Board offices in Green River, Wyoming. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir.

Flaming Gorge Reservoir – Flaming Gorge Dam is currently 1,800 cfs. Releases during the base flow period through September 30, 2016, will be modified regularly to provide for Colorado Pikeminnow flows in Reach 2 of the Green River. Targeted flow levels in Reach 2 will vary between approximately 2,000 cfs to 2,400 cfs.

The observed April-July unregulated inflow volume into Flaming Gorge Dam was 1.048 million acre-feet (maf). This volume falls in the average (above median) hydrologic classification at 49 percent exceedance for the base flow period. The base flow

hydrologic classification may change based on observed hydrology through the end of February 2017.

Unregulated inflow into Flaming Gorge Reservoir during the month of July was 455,000 af, or 91 percent of average. The reservoir elevation is 6,028.97 feet (88 percent of live capacity) and is decreasing.

The August final forecast for inflows for the next three months projects much below average: with August, September and October forecasted inflow volumes at 50,000 af (56 percent of average), 42,000 af (76 percent of average), and 50,000 af (85 percent of average), respectively.

The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stakeholders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations and plans presented by Reclamation at these meetings. Meeting notes from past Working Group meetings are posted on the Working Group webpage. For more information on this group and these meetings please contact Dale Hamilton at 801-379-1186 or Heather Patno at 801-524-3883.

Reclamation will be holding the Flaming Gorge Working Group meeting on Tuesday, August 25, 2016, at 11:00 a.m. at the Utah Division of Wildlife Resources offices located at 318 North Vernal Avenue, Vernal, Utah.

Aspinall Unit Reservoirs – Crystal Dam is currently releasing 1800 cfs with 1000 cfs being diverted through the Gunnison Tunnel and approximately 850 cfs flowing through the Black Canyon. The July unregulated inflow to Blue Mesa Reservoir was 81,000 af (69 percent of average) was below the forecasted volume of 94,000 af (80 percent of average). As a result, the end of July reservoir elevation for Blue Mesa was 7512.31 feet and this was about 2 feet lower than was projected in the July 24-Month Study. The peak elevation of Blue Mesa Reservoir for Water Year 2016 occurred on July 7, 2016 when the elevation reached 7515.98 feet above sea level. This elevation corresponds to a live storage level of 798,702 acre-feet (96 percent of full capacity).

Inflows to Blue Mesa for the next three months are projected to be below average: with August, September and October forecasted inflow volumes of 45,000 af (71 percent of average), 34,000 af (89 percent of average) and 35,000 af (92 percent of average), respectively.

The Aspinall Unit Working Group is an open public forum for information exchange between Reclamation and the stakeholders of the Aspinall Unit. The public is encouraged to attend and comments on the operations and plans presented by Reclamation at these meetings. Meeting notes from past working Group meetings are posted on the Working Group webpage. For more information on this group and these meetings please contact Erik Knight in the Grand Junction Area Office at (970) 248-0629.

The next meeting of the Aspinall Unit Working Group will be held on Thursday August 18th at 1:00 pm at the Elk Creek Visitor Center at Blue Mesa Reservoir.

Navajo Reservoir – As of August 4, 2016, Navajo reservoir elevation is 6061 ft (1.359 maf live storage) and is releasing 600 cfs. Releases are made for the authorized purposes of the Navajo Unit, and to attempt to maintain a target base flow through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell). The San Juan River Basin Recovery Implementation Program (SJRIP) recommends a target base flow of between 500 cfs and 1,000 cfs through the critical habitat area. The target base flow is calculated as the weekly average of gaged flows throughout the critical habitat area.

Modified unregulated inflow into Navajo during the month of July was 24,000 af, which was 36 percent of average. The total April-July modified unregulated inflow into Navajo for 2016 was 564 kaf, 77% of average.

Inflows for the next three months are projected to be below average: with August, September, and October forecasted inflow volumes at 23,000 af (50 percent of average), 27,000 af (63 percent of average), and 26,000 af (55 percent of average), respectively.

Reclamation conducts Public Operations Meetings three times per year to gather input for determining upcoming operations for Navajo Reservoir. Input from individuals, organizations, and agencies along with other factors such as weather, water rights, endangered species requirements, flood control, hydro power, recreation, fish and wildlife management, and reservoir levels, will be considered in the development of these reservoir operation plans. In addition, the meetings are used to coordinate activities and exchange information among agencies, water users, and other interested parties concerning the San Juan River and Navajo Reservoir.

The next Navajo Public Operations Meeting is scheduled for August 23rd at 1pm at the Farmington Civic Center, Farmington, NM.

An additional special meeting will be held the same day (August 23rd) at 6pm at the Farmington Civic Center to discuss the 2016 Spring Peak Release. The agenda will include a recap of 2016 Spring Peak Operations, a discussion of flood risk management and safe channel capacity, the nature of sedimentation and bank erosion in the San Juan River Basin, and floodplain risk issues. The meeting will include talks and representation from several agencies, including Reclamation, US Army Corps of Engineers, Fish and Wildlife Service, and San Juan County (NM) Office of Emergency Management. There will be opportunities for questions, comments, and discussion with the public during the meeting.

Glen Canyon Dam / Lake Powell

Current Status
April to July 2016 unregulated inflow to Lake Powell was 6.61 maf (92 percent of

average). The unregulated inflow in July was 0.595 maf (55 percent of average). The release volume from Glen Canyon Dam in July was 0.950 maf. The end of July elevation and storage of Lake Powell were 3,618.22 feet (82 feet from full pool) and 13.58 maf (56% of full capacity), respectively. The reservoir elevation peaked at 3,621.5 feet on July 9th and is now in its seasonal decline through the fall and winter months.

Current Operations

The operating tier for water year 2016 was established in August 2015 as the Upper Elevation Balancing Tier. The April 2016 24-Month Study established that Lake Powell operations would be governed by balancing for the remainder of water year 2016. Based on the most probable inflow forecast, this August 24-Month Study projects a balancing release of 9.0 maf in water year 2016. Reclamation will schedule operations at Glen Canyon Dam to achieve as practicably as possible the appropriate total annual release volume by September 30, 2016.

The operating tier for water year 2017, established by the August 2016 24-Month Study, is the Upper Elevation Balancing Tier under Section 6.B.1 of the Interim Guidelines. Operations under Section 6.B.1 initially schedules an annual release volume of 8.23 maf with potential operating adjustments occurring in April 2017 to either equalization or balancing based on specific projected conditions at the end of the water year. Based on the current forecast for water year 2017, an April adjustment to balancing is projected to occur in the August 2016 24-Month Study with Lake Powell projected to release 9.0 maf in water year 2017. This projection will be updated each month throughout the water year.

In August 2016, the release volume will be approximately 900 thousand acre-feet (kaf), with fluctuations anticipated between approximately 10,000 cfs and 18,000 cfs. These fluctuations are consistent with the Glen Canyon Operating Criteria (Federal Register, Volume 62, No. 41, March 3, 1997). The anticipated release volume for September is approximately 700 kaf with daily fluctuations between approximately 8,500 cfs and 14,500 cfs. Release for October are anticipated to be 600 kaf with daily fluctuations between approximately 7,000 cfs and 13,000 cfs.

In addition to daily scheduled fluctuations for power generation, the instantaneous releases from Glen Canyon Dam may also fluctuate to provide 40 mega-watts (mw) of system regulation. These instantaneous release adjustments stabilize the electrical generation and transmission system and translate to a range of about 1,200 cfs above or below the hourly scheduled release rate. Under normal conditions, fluctuations for regulation are typically short lived and generally balance out over the hour with minimal noticeable impacts on downstream river flow conditions.

Releases from Glen Canyon Dam can also fluctuate beyond scheduled releases when called upon to respond to unscheduled power outages or power system emergencies. Depending on the severity of system emergencies, Glen Canyon Dam can respond to these emergencies within the full range of the operating capacity of the power plant to maintain balance in the transmission system. Glen Canyon also maintains 30 mw (approximately 880 cfs) of generation capacity at all times in reserve in order to respond to system emergencies. System emergencies occur fairly infrequently and typically

require small responses from Glen Canyon Dam. These responses, however, can have noticeable impacts on the river downstream of Glen Canyon Dam.

Inflow Forecasts and Model Projections

The forecast for water year 2017 unregulated inflow to Lake Powell, issued on August 1, 2016, by the Colorado Basin River Forecast Center, projects that the most probable (median) unregulated inflow volume next year will be 9.63 maf (89% of average). There is significant uncertainty regarding next season's snow pack development and resulting runoff into Lake Powell. The forecast ranges from a minimum probable of 6.6 maf (61%) to a maximum probable of 17.0 maf (157%). There is a 10% chance that inflows could be higher than and a 10% chance that inflows could be lower than the minimum and maximum probable forecasts.

Based on the current forecast, the August 24-Month Study projects Lake Powell elevation will end water year 2016 near 3,612 feet with approximately 12.95 maf in storage (53% capacity) and water year 2017 near 3,613 feet with approximately 13.04 maf in storage (54% capacity). Note that projections of elevation and storage for water year 2017 have significant uncertainty at this point in the season. Projections of elevation and storage using the minimum and maximum probable inflow forecast are 3,589 feet (10.71 maf, 44% capacity) and 3,645 feet (16.64 maf, 68% capacity), respectively.

The annual release volume from Lake Powell during water year 2017 is projected to be in the range from 9.0 maf, under the minimum probable inflow scenario, to 11.9 maf, under the maximum probable inflow scenario. It is possible for the annual release volume from Lake Powell to be less than, or greater than this most probable range, however the probability of this occurring is less than 20 percent.

Upper Colorado River Basin Hydrology

During the 16-year period 2000 to 2015 the unregulated inflow to Lake Powell, which is a good measure of the hydrological conditions in the Colorado River Basin, was above average in only 3 out of the past 16 years. This period, with an average unregulated inflow of 8.51 maf (79 percent of average), was the lowest 16-year period in terms of unregulated inflow to Lake Powell since the closure of Glen Canyon Dam in 1963, ranging from 2.64 maf (2002) to 15.97 maf (2011).

At the beginning of water year 2016, total system storage in the Colorado River Basin was 30.3 maf (51 percent of 59.6 maf total system capacity). This is nearly the same as the total storage at the beginning of water year 2015 which began at 30.1 maf (50 percent of capacity). Since the beginning of water year 2000, total Colorado Basin storage has experienced year to year increases and decreases in response to wet and dry hydrology, ranging from a high of 94 percent of capacity at the beginning of 2000 to a low of 50 percent of capacity at the beginning of water year 2014. One wet year can significantly increase total system reservoir storage, just as persistent dry years can draw down the system storage. Based on current inflow forecasts, the current projected end of water year 2017 total Colorado Basin reservoir storage is approximately 30.0 maf (50 percent of capacity). The actual end of water year storage may vary from this projection, primarily due to uncertainty regarding this season's runoff and resulting reservoir inflow. Based on the August minimum and maximum probable inflow forecasts and modeling

the range is approximately 27.3 maf (46 percent of capacity) to 34.1 maf (57 percent of capacity), respectively.

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-430
125 SOUTH STATE STREET, ROOM 6107
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-3709

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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:	Obs			jul	Forecast			Observed	
:	apr	may	jun	jul	%Avg	aug	sep	oct	apr-jul	%Avg
GLDA3:Lake Powell	814	2294	2907	595	55%:	350/	350/	450/	6610/:	92%
GBRW4:Fontenelle	91	186	293	80	45%:	44/	36/	40/	650/:	90%
GRNU1:Flaming Gorge	140	362	455	91	43%:	50/	42/	50/	1048/:	107%
BMDC2:Blue Mesa	75	161	285	81	69%:	45/	34/	35/	602/:	89%
MPSC2:Morrow Point	83	176	302	83	67%:	48/	36/	37/	644/:	87%
CLSC2:Crystal	92	194	344	89	65%:	53/	42/	43/	719/:	86%
TPIC2:Taylor Park	9.1	17.2	41	11.2	56%:	7/	6/	6/	79/:	80%
VCRC2:Vallecito	25	60	77	17.1	59%:	12/	13/	11/	179/:	92%
NVRN5:Navajo	119	209	212	24	36%:	23/	27/	26/	564/:	77%
LEMC2:Lemon	5.0	14.5	23	2.3	35%:	2.5/	2.5/	2/	45/:	82%
MPHC2:McPhee	45	101	78	13.1	58%:	8/	9/	7/	237/:	80%
RBSC2:Ridgway	9.4	18.5	49	22	86%:	10/	8/	7/	99/:	98%

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2016 24-Month Study

Most Probable Inflow*

Fontenelle Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Aug 2015	53	2	83	1	84	6497.37	279
H	Sep 2015	37	2	0	61	61	6493.88	254
	WY 2015	**1210**	**16**	**930**	**324**	**1254**		
I	Oct 2015	46	1	46	15	61	6491.60	238
S	Nov 2015	40	1	56	1	57	6489.03	221
T	Dec 2015	36	1	58	0	58	6485.40	197
O	Jan 2016	32	1	49	10	58	6480.71	170
R	Feb 2016	34	0	55	0	55	6476.59	149
I	Mar 2016	50	1	58	0	58	6474.73	140
C	Apr 2016	91	1	56	0	56	6481.34	174
A	May 2016	186	2	86	20	106	6493.63	252
L	Jun 2016	293	2	101	143	243	6500.14	299
*	Jul 2016	80	3	73	3	76	6500.25	300
	Aug 2016	44	2	64	0	64	6497.23	278
	Sep 2016	36	2	58	0	58	6493.87	254
	WY 2016	**968**	**15**	**760**	**192**	**952**		
	Oct 2016	40	1	59	0	59	6490.95	234
	Nov 2016	40	1	57	0	57	6488.20	217
	Dec 2016	33	1	59	0	59	6484.01	190
	Jan 2017	28	1	59	0	59	6478.38	158
	Feb 2017	27	0	53	0	53	6472.81	131
	Mar 2017	43	0	59	0	59	6469.01	115
	Apr 2017	68	1	71	0	71	6468.05	111
	May 2017	127	1	92	0	92	6475.64	145
	Jun 2017	260	2	101	6	107	6499.55	295
	Jul 2017	170	3	101	23	125	6505.08	338
	Aug 2017	65	2	84	0	84	6502.39	317
	Sep 2017	44	2	70	0	70	6498.73	289
	WY 2017	**945**	**14**	**866**	**29**	**896**		
	Oct 2017	47	1	68	0	68	6495.69	267
	Nov 2017	42	1	66	0	66	6492.10	242
	Dec 2017	32	1	68	0	68	6486.47	205
	Jan 2018	30	1	68	0	68	6479.99	167
	Feb 2018	28	0	62	0	62	6472.97	132
	Mar 2018	53	0	68	0	68	6469.28	116
	Apr 2018	85	1	89	0	89	6468.21	112
	May 2018	164	1	98	7	105	6480.51	170
	Jun 2018	299	2	102	67	170	6499.77	297
	Jul 2018	178	3	101	28	129	6505.65	343

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3012

Processed On: 8/9/2016 1:46:06PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2016 24-Month Study

Most Probable Inflow*

Flaming Gorge Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	Aug 2015	56	87	13	104	0	104	141	6033.81	3498	130
H	Sep 2015	39	62	11	100	1	101	139	6032.59	3450	127
	WY 2015	**1562**	**1606**	**82**	**1293**	**58**	**1352**				**2856**
I	Oct 2015	48	63	7	131	0	131	136	6030.73	3377	162
S	Nov 2015	38	55	4	131	0	131	133	6028.73	3300	176
T	Dec 2015	38	61	2	137	0	137	130	6026.75	3225	172
O	Jan 2016	44	71	2	134	0	134	127	6025.07	3163	168
R	Feb 2016	63	84	2	118	0	118	126	6024.11	3127	164
I	Mar 2016	84	93	3	51	0	51	127	6025.13	3165	131
C	Apr 2016	140	105	5	50	0	50	129	6026.43	3213	316
A	May 2016	362	282	8	52	0	52	138	6032.01	3427	701
L	Jun 2016	455	405	11	270	198	469	135	6030.17	3356	965
*	Jul 2016	91	88	13	116	4	120	133	6029.03	3312	223
	Aug 2016	50	70	13	110	0	110	131	6027.70	3261	131
	Sep 2016	42	64	11	107	0	107	129	6026.32	3209	122
	WY 2016	**1455**	**1440**	**81**	**1407**	**203**	**1610**				**3432**
	Oct 2016	50	69	7	68	0	68	129	6026.16	3203	98
	Nov 2016	59	76	3	88	0	88	128	6025.77	3189	123
	Dec 2016	40	66	2	105	0	105	127	6024.73	3150	133
	Jan 2017	45	76	2	105	0	105	126	6023.94	3121	130
	Feb 2017	45	71	2	94	0	94	125	6023.27	3097	118
	Mar 2017	92	108	3	50	0	50	127	6024.72	3150	120
	Apr 2017	130	133	5	48	0	48	130	6026.82	3228	248
	May 2017	188	153	8	111	0	111	131	6027.69	3261	621
	Jun 2017	310	157	10	150	0	150	131	6027.61	3258	630
	Jul 2017	205	160	13	95	0	95	133	6028.89	3306	177
	Aug 2017	76	95	13	95	0	95	133	6028.56	3294	116
	Sep 2017	50	76	11	92	0	92	131	6027.87	3267	107
	WY 2017	**1290**	**1241**	**79**	**1101**	**0**	**1101**				**2621**
	Oct 2017	55	76	7	95	0	95	130	6027.20	3242	123
	Nov 2017	50	74	3	92	0	92	130	6026.65	3222	122
	Dec 2017	35	71	2	95	0	95	129	6025.98	3197	121
	Jan 2018	40	78	2	95	0	95	128	6025.50	3179	120
	Feb 2018	45	79	2	86	0	86	128	6025.25	3169	114
	Mar 2018	102	118	3	95	0	95	128	6025.75	3188	172
	Apr 2018	134	137	5	92	0	92	130	6026.79	3227	307
	May 2018	245	186	8	163	0	163	130	6027.19	3242	695
	Jun 2018	390	260	10	134	0	134	135	6030.11	3353	554
	Jul 2018	210	162	14	98	0	98	137	6031.33	3401	198

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3012

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2016 24-Month Study

Most Probable Inflow*

Taylor Park Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Aug 2015	9	22	9317.56	83
H	Sep 2015	7	18	9311.10	72
	WY 2015	**166**	**171**		
I	Oct 2015	7	8	9310.71	71
S	Nov 2015	5	6	9310.40	71
T	Dec 2015	5	6	9309.95	70
O	Jan 2016	6	6	9309.87	70
R	Feb 2016	4	5	9309.07	68
I	Mar 2016	5	6	9308.44	67
C	Apr 2016	9	6	9310.70	71
A	May 2016	17	11	9314.16	77
L	Jun 2016	41	20	9325.34	97
*	Jul 2016	11	21	9320.04	87
	Aug 2016	7	16	9314.93	78
	Sep 2016	6	13	9310.70	71
	WY 2016	**123**	**124**		
	Oct 2016	6	6	9310.70	71
	Nov 2016	5	5	9310.70	71
	Dec 2016	4	5	9310.08	70
	Jan 2017	4	5	9309.44	69
	Feb 2017	3	5	9308.16	67
	Mar 2017	3	5	9306.86	65
	Apr 2017	6	5	9307.52	66
	May 2017	22	10	9314.93	78
	Jun 2017	38	15	9327.41	101
	Jul 2017	14	20	9324.32	95
	Aug 2017	8	20	9317.81	83
	Sep 2017	7	17	9311.94	73
	WY 2017	**120**	**118**		
	Oct 2017	6	8	9310.98	71
	Nov 2017	5	6	9310.36	70
	Dec 2017	5	6	9309.53	69
	Jan 2018	4	6	9308.48	68
	Feb 2018	4	6	9307.05	65
	Mar 2018	4	6	9306.02	64
	Apr 2018	9	6	9307.83	67
	May 2018	28	20	9313.01	75
	Jun 2018	42	22	9324.06	95
	Jul 2018	20	22	9323.08	93

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3012

Processed On: 8/9/2016 1:46:06PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2016 24-Month Study

Most Probable Inflow*

Blue Mesa Reservoir

	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Aug 2015	59	73	1	105	0	105	7512.97	772
H	Sep 2015	39	50	1	95	0	95	7507.65	726
	WY 2015	**1042**	**1047**	**9**	**835**	**72**	**912**		
I	Oct 2015	33	34	1	87	0	87	7501.39	673
S	Nov 2015	30	31	0	45	0	45	7499.64	658
T	Dec 2015	27	28	0	62	0	62	7495.46	624
O	Jan 2016	27	27	0	61	0	61	7491.12	590
R	Feb 2016	26	27	0	59	0	58	7487.04	559
I	Mar 2016	41	42	0	36	0	37	7487.62	563
C	Apr 2016	75	72	1	63	0	63	7488.62	571
A	May 2016	161	155	1	134	19	153	7488.74	572
L	Jun 2016	285	265	1	46	0	46	7514.84	788
*	Jul 2016	81	91	2	112	0	112	7512.31	766
	Aug 2016	44	53	1	106	0	106	7506.07	712
	Sep 2016	36	43	1	85	0	85	7500.90	669
	WY 2016	**866**	**867**	**9**	**895**	**19**	**915**		
	Oct 2016	35	35	1	63	0	63	7497.36	640
	Nov 2016	30	30	0	35	0	35	7496.72	635
	Dec 2016	26	27	0	87	0	87	7489.10	574
	Jan 2017	23	24	0	44	0	44	7486.49	554
	Feb 2017	19	21	0	28	0	28	7485.56	547
	Mar 2017	31	33	0	35	0	35	7485.26	545
	Apr 2017	65	64	1	52	0	52	7486.73	556
	May 2017	191	179	1	162	0	162	7488.82	572
	Jun 2017	240	217	1	66	0	66	7507.22	722
	Jul 2017	93	99	2	83	0	83	7508.88	736
	Aug 2017	49	61	1	96	0	96	7504.68	700
	Sep 2017	38	48	1	101	0	101	7498.17	646
	WY 2017	**840**	**838**	**8**	**852**	**0**	**852**		
	Oct 2017	38	40	1	74	0	74	7493.84	612
	Nov 2017	31	32	0	37	0	37	7493.25	607
	Dec 2017	26	27	0	56	0	56	7489.49	577
	Jan 2018	24	26	0	50	0	50	7486.33	553
	Feb 2018	22	25	0	31	0	31	7485.51	547
	Mar 2018	36	38	0	38	0	38	7485.41	546
	Apr 2018	77	74	1	55	0	55	7487.84	565
	May 2018	221	213	1	172	0	172	7492.95	604
	Jun 2018	261	241	1	65	0	65	7513.77	779
	Jul 2018	117	119	2	80	0	80	7517.87	816

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3012

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2016 24-Month Study

Most Probable Inflow*

Morrow Point Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Aug 2015	60	105	0	105	106	0	106	7153.74	112
H	Sep 2015	39	95	0	95	103	0	103	7143.98	104
	WY 2015	**1095**	**912**	**53**	**965**	**926**	**23**	**972**		
I	Oct 2015	34	87	0	87	93	0	93	7135.56	98
S	Nov 2015	31	45	1	46	47	0	47	7133.97	97
T	Dec 2015	28	62	1	62	46	1	47	7154.01	112
O	Jan 2016	27	61	1	62	64	0	64	7150.69	110
R	Feb 2016	27	58	1	60	61	0	61	7148.82	108
I	Mar 2016	43	37	2	39	36	0	36	7152.74	111
C	Apr 2016	83	63	7	71	71	0	71	7152.57	111
A	May 2016	176	153	15	168	176	4	180	7136.53	99
L	Jun 2016	302	46	18	64	52	0	52	7152.31	111
*	Jul 2016	83	112	2	114	113	0	113	7153.43	112
	Aug 2016	48	106	4	110	110	0	110	7153.73	112
	Sep 2016	36	85	0	85	85	0	85	7153.73	112
	WY 2016	**918**	**915**	**51**	**967**	**953**	**5**	**959**		
	Oct 2016	37	63	2	65	65	0	65	7153.73	112
	Nov 2016	32	35	2	37	37	0	37	7153.73	112
	Dec 2016	28	87	2	89	89	0	89	7153.73	112
	Jan 2017	25	44	2	46	46	0	46	7153.73	112
	Feb 2017	21	28	2	30	30	0	30	7153.73	112
	Mar 2017	35	35	4	39	39	0	39	7153.73	112
	Apr 2017	71	52	6	58	58	0	58	7153.73	112
	May 2017	210	162	19	181	181	0	181	7153.73	112
	Jun 2017	255	66	15	81	81	0	81	7153.73	112
	Jul 2017	96	83	3	86	86	0	86	7153.73	112
	Aug 2017	50	96	1	97	97	0	97	7153.73	112
	Sep 2017	40	101	2	103	103	0	103	7153.73	112
	WY 2017	**900**	**852**	**60**	**912**	**912**	**0**	**912**		
	Oct 2017	40	74	2	76	76	0	76	7153.73	112
	Nov 2017	33	37	2	39	39	0	39	7153.73	112
	Dec 2017	28	56	2	58	58	0	58	7153.73	112
	Jan 2018	27	50	2	52	52	0	52	7153.73	112
	Feb 2018	25	31	3	33	33	0	33	7153.73	112
	Mar 2018	40	38	4	42	42	0	42	7153.73	112
	Apr 2018	88	55	11	66	66	0	66	7153.73	112
	May 2018	247	172	26	198	198	0	198	7153.73	112
	Jun 2018	281	65	20	85	85	0	85	7153.73	112
	Jul 2018	123	80	6	87	87	0	87	7153.73	112

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2016 24-Month Study

Most Probable Inflow*

Crystal Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
*	Aug 2015	63	106	4	110	110	0	111	6749.17	16	65	47
H	Sep 2015	42	103	3	106	96	11	107	6744.61	15	57	50
	WY 2015	**1201**	**972**	**106**	**1078**	**843**	**171**	**1078**			**393**	**709**
I	Oct 2015	37	93	3	96	0	94	94	6750.81	16	51	44
S	Nov 2015	34	47	3	50	0	50	50	6750.12	16	0	51
T	Dec 2015	32	47	4	51	40	12	52	6747.07	15	1	53
O	Jan 2016	31	64	4	68	67	0	68	6748.20	16	1	69
R	Feb 2016	30	61	3	64	63	0	63	6752.48	17	0	65
I	Mar 2016	48	36	5	41	41	0	41	6752.32	17	2	41
C	Apr 2016	92	71	9	80	80	0	80	6751.41	16	47	36
A	May 2016	194	180	18	198	109	64	197	6753.13	17	51	154
L	Jun 2016	344	52	41	93	74	20	93	6752.00	17	43	53
*	Jul 2016	89	113	6	119	117	2	119	6750.04	16	64	58
	Aug 2016	53	110	5	115	114	0	114	6753.04	17	65	49
	Sep 2016	42	85	6	91	91	0	91	6753.04	17	55	36
	WY 2016	**1025**	**959**	**107**	**1066**	**796**	**242**	**1063**			**382**	**709**
	Oct 2016	43	65	6	71	71	0	71	6753.04	17	30	41
	Nov 2016	36	37	4	41	41	0	41	6753.04	17	0	41
	Dec 2016	33	89	5	94	94	0	94	6753.04	17	0	94
	Jan 2017	29	46	4	50	50	0	50	6753.04	17	0	50
	Feb 2017	24	30	3	33	33	0	33	6753.04	17	0	33
	Mar 2017	40	39	5	44	44	0	44	6753.04	17	5	39
	Apr 2017	81	58	10	68	68	0	68	6753.04	17	30	38
	May 2017	235	181	25	206	134	72	206	6753.04	17	55	151
	Jun 2017	280	81	25	106	106	0	106	6753.04	17	60	46
	Jul 2017	105	86	9	95	95	0	95	6753.04	17	65	30
	Aug 2017	53	97	3	100	100	0	100	6753.04	17	65	35
	Sep 2017	46	103	6	109	109	0	109	6753.04	17	55	54
	WY 2017	**1005**	**912**	**105**	**1017**	**945**	**72**	**1017**			**365**	**652**
	Oct 2017	46	76	6	82	82	0	82	6753.04	17	30	52
	Nov 2017	38	39	5	43	43	0	43	6753.04	17	0	43
	Dec 2017	32	58	5	63	63	0	63	6753.04	17	0	63
	Jan 2018	31	52	5	57	57	0	57	6753.04	17	0	57
	Feb 2018	29	33	4	37	37	0	37	6753.04	17	0	37
	Mar 2018	46	42	6	48	48	0	48	6753.04	17	5	43
	Apr 2018	101	66	12	79	79	0	79	6753.04	17	30	49
	May 2018	281	198	34	232	134	98	232	6753.04	17	55	177
	Jun 2018	315	85	34	119	119	0	119	6753.04	17	60	59
	Jul 2018	138	87	14	101	101	0	101	6753.04	17	65	36

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2016 24-Month Study

Most Probable Inflow*

Vallecito Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Aug 2015	13	35	7652.83	94
H	Sep 2015	11	29	7645.08	75
	WY 2015	**294**	**285**		
I	Oct 2015	17	15	7645.65	77
S	Nov 2015	11	5	7648.25	83
T	Dec 2015	7	4	7649.57	86
O	Jan 2016	6	7	7649.21	85
R	Feb 2016	7	6	7649.77	86
I	Mar 2016	14	6	7652.71	94
C	Apr 2016	25	13	7657.23	105
A	May 2016	60	44	7663.23	121
L	Jun 2016	77	73	7664.30	124
*	Jul 2016	17	38	7656.15	102
	Aug 2016	12	38	7645.40	76
	Sep 2016	13	29	7637.77	60
	WY 2016	**265**	**277**		
	Oct 2016	11	17	7634.93	54
	Nov 2016	7	4	7636.62	57
	Dec 2016	6	4	7637.72	60
	Jan 2017	5	4	7638.32	61
	Feb 2017	4	3	7638.60	61
	Mar 2017	6	4	7639.62	63
	Apr 2017	18	4	7646.03	78
	May 2017	67	32	7660.19	113
	Jun 2017	65	55	7663.84	122
	Jul 2017	28	42	7658.47	108
	Aug 2017	18	38	7650.37	88
	Sep 2017	15	30	7643.94	73
	WY 2017	**250**	**233**		
	Oct 2017	14	17	7642.49	70
	Nov 2017	8	4	7644.59	74
	Dec 2017	6	4	7645.73	77
	Jan 2018	5	4	7646.43	79
	Feb 2018	5	3	7647.00	80
	Mar 2018	9	4	7649.00	85
	Apr 2018	23	4	7656.87	104
	May 2018	71	52	7663.99	123
	Jun 2018	70	70	7663.96	123
	Jul 2018	29	42	7658.99	109

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2016 24-Month Study

Most Probable Inflow*

Navajo Reservoir

	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azetea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Farmington Flow (1000 Ac-Ft)
*	Aug 2015	15	1	36	4	33	42	6065.47	1419	63
H	Sep 2015	15	0	33	3	25	33	6063.41	1392	48
	WY 2015	**900**	**90**	**797**	**27**	**170**	**289**			**890**
I	Oct 2015	42	1	40	2	9	29	6063.43	1392	55
S	Nov 2015	37	1	30	1	0	21	6064.00	1400	39
T	Dec 2015	23	0	19	1	0	21	6063.81	1397	34
O	Jan 2016	22	0	23	1	0	22	6063.77	1396	34
R	Feb 2016	42	2	39	1	1	28	6064.39	1405	43
I	Mar 2016	81	7	67	2	4	25	6067.08	1441	52
C	Apr 2016	119	13	94	3	19	22	6070.75	1491	53
A	May 2016	207	26	165	4	12	91	6074.87	1549	175
L	Jun 2016	212	33	174	5	25	250	6067.29	1443	404
*	Jul 2016	24	4	40	5	37	79	6061.29	1364	102
	Aug 2016	23	1	48	4	41	41	6058.31	1327	66
	Sep 2016	27	1	43	3	25	32	6056.97	1310	54
	WY 2016	**858**	**88**	**781**	**29**	**174**	**660**			**1112**
	Oct 2016	26	1	30	2	14	25	6056.18	1300	46
	Nov 2016	31	0	27	1	2	22	6056.34	1302	38
	Dec 2016	23	0	21	1	0	23	6056.10	1299	37
	Jan 2017	19	0	18	1	0	23	6055.61	1293	35
	Feb 2017	24	0	23	1	0	21	6055.74	1295	31
	Mar 2017	67	2	63	2	5	23	6058.41	1328	39
	Apr 2017	130	14	101	2	20	22	6062.83	1384	63
	May 2017	272	39	197	4	34	105	6066.89	1438	246
	Jun 2017	196	34	152	4	50	238	6055.99	1298	368
	Jul 2017	57	7	63	4	55	30	6053.90	1272	85
	Aug 2017	35	1	53	3	46	37	6051.14	1239	69
	Sep 2017	35	1	49	3	26	29	6050.44	1231	56
	WY 2017	**915**	**101**	**798**	**27**	**252**	**598**			**1113**
	Oct 2017	41	2	42	2	9	23	6051.12	1239	48
	Nov 2017	31	1	26	1	0	22	6051.34	1241	39
	Dec 2017	25	0	22	1	0	23	6051.23	1240	38
	Jan 2018	22	0	20	1	0	23	6050.94	1237	37
	Feb 2018	30	0	29	1	0	21	6051.54	1244	33
	Mar 2018	92	2	85	2	5	23	6056.13	1299	45
	Apr 2018	170	15	136	2	21	22	6063.27	1390	75
	May 2018	277	40	218	4	35	151	6065.37	1418	297
	Jun 2018	224	34	189	4	51	266	6055.01	1286	417
	Jul 2018	66	8	71	4	56	36	6052.91	1260	104

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2016 24-Month Study

Most Probable Inflow*

Lake Powell

	Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry Gage (1000 Ac-Ft)
*	Aug 2015	313	466	54	799	0	799	3609.07	5065	12637	814
H	Sep 2015	276	435	49	714	0	714	3606.01	5040	12333	726
	WY 2015	**10174**	**9419**	**368**	**8868**	**132**	**9000**				**9136**
I	Oct 2015	535	680	34	600	0	600	3606.44	5044	12375	609
S	Nov 2015	421	506	32	577	0	577	3605.47	5036	12280	583
T	Dec 2015	266	393	26	857	0	857	3600.80	5000	11827	863
O	Jan 2016	300	433	8	857	0	857	3596.58	4968	11427	865
R	Feb 2016	396	490	8	700	0	700	3594.41	4952	11224	704
I	Mar 2016	553	486	14	694	0	694	3592.18	4935	11019	707
C	Apr 2016	814	681	22	665	0	665	3592.12	4935	11014	681
A	May 2016	2294	1925	26	700	0	700	3603.87	5024	12123	714
L	Jun 2016	2907	2618	46	800	0	800	3620.01	5155	13764	812
*	Jul 2016	595	804	58	950	0	950	3618.22	5140	13576	969
	Aug 2016	350	531	56	900	0	900	3614.43	5108	13182	915
	Sep 2016	350	495	51	698	0	698	3612.13	5089	12946	712
	WY 2016	**9782**	**10041**	**379**	**9000**	**0**	**9000**				**9135**
	Oct 2016	450	510	35	600	0	600	3610.99	5080	12831	609
	Nov 2016	420	447	33	600	0	600	3609.28	5066	12658	604
	Dec 2016	330	456	26	800	0	800	3605.83	5039	12315	803
	Jan 2017	320	404	8	800	0	800	3602.00	5009	11941	807
	Feb 2017	350	405	8	650	0	650	3599.55	4990	11707	654
	Mar 2017	550	475	14	650	0	650	3597.70	4976	11532	655
	Apr 2017	830	661	22	600	0	600	3598.08	4979	11568	609
	May 2017	2220	2021	28	650	0	650	3610.80	5079	12811	658
	Jun 2017	2580	2372	47	800	0	800	3624.29	5192	14223	807
	Jul 2017	820	735	59	1000	0	1000	3621.51	5168	13924	1016
	Aug 2017	420	535	57	1050	0	1050	3616.49	5125	13394	1065
	Sep 2017	340	466	51	800	0	800	3613.02	5097	13037	813
	WY 2017	**9630**	**9488**	**390**	**9000**	**0**	**9000**				**9102**
	Oct 2017	455	524	35	600	0	600	3612.02	5088	12935	609
	Nov 2017	447	486	34	600	0	600	3610.67	5078	12798	604
	Dec 2017	363	452	27	800	0	800	3607.21	5050	12451	803
	Jan 2018	361	443	8	800	0	800	3603.77	5023	12113	807
	Feb 2018	393	433	9	650	0	650	3601.61	5006	11905	654
	Mar 2018	665	598	14	650	0	650	3600.98	5001	11843	655
	Apr 2018	1056	879	23	600	0	600	3603.43	5020	12081	609
	May 2018	2343	2161	29	650	0	650	3617.05	5130	13453	658
	Jun 2018	2666	2342	49	800	0	800	3629.84	5240	14835	807
	Jul 2018	1091	976	61	1000	0	1000	3629.13	5234	14756	1016

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2016 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Glen Release (1000 Ac-Ft)	Side Inflow Glen to Hoover (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Aug 2015	799	114	70	803	13.1	27	802	642	1078.31	9871
H	Sep 2015	714	72	58	723	12.1	24	722	641	1078.10	9854
	WY 2015	**9000**	**722**	**540**	**9246**		**221**	**9215**			
I	Oct 2015	600	118	42	578	9.4	20	577	645	1078.99	9927
S	Nov 2015	577	41	42	631	10.6	12	630	641	1078.23	9865
T	Dec 2015	857	43	36	619	10.1	9	618	656	1080.91	10087
O	Jan 2016	857	89	30	662	10.8	8	661	671	1083.68	10318
R	Feb 2016	700	81	28	699	12.2	10	698	673	1084.17	10360
I	Mar 2016	694	31	31	1008	16.4	18	1007	653	1080.45	10048
C	Apr 2016	665	68	38	1055	17.7	18	1055	630	1076.13	9693
A	May 2016	700	50	43	887	14.4	22	885	618	1073.80	9504
L	Jun 2016	800	14	51	920	15.5	28	919	606	1071.64	9330
*	Jul 2016	950	71	64	831	13.5	31	840	612	1072.75	9419
	Aug 2016	900	124	69	682	11.1	25	682	627	1075.64	9653
	Sep 2016	698	112	57	705	11.8	19	705	629	1075.98	9680
	WY 2016	**9000**	**842**	**531**	**9277**		**219**	**9277**			
	Oct 2016	600	69	42	514	8.4	22	514	635	1077.03	9767
	Nov 2016	600	56	42	651	10.9	12	651	632	1076.47	9721
	Dec 2016	800	54	36	596	9.7	8	596	645	1078.93	9923
	Jan 2017	800	62	30	728	11.8	8	728	651	1080.02	10013
	Feb 2017	650	73	27	728	13.1	7	728	648	1079.57	9975
	Mar 2017	650	55	30	1034	16.8	15	1034	626	1075.28	9624
	Apr 2017	600	53	37	1097	18.4	21	1097	595	1069.41	9153
	May 2017	650	37	42	990	16.1	29	990	572	1064.94	8802
	Jun 2017	800	21	49	884	14.9	29	884	563	1063.22	8669
	Jul 2017	1000	78	62	840	13.7	31	840	572	1064.98	8805
	Aug 2017	1050	124	67	760	12.4	29	760	592	1068.81	9105
	Sep 2017	800	112	55	728	12.2	16	728	599	1070.15	9212
	WY 2017	**9000**	**795**	**519**	**9550**		**226**	**9550**			
	Oct 2017	600	69	41	481	7.8	20	481	607	1071.65	9331
	Nov 2017	600	56	41	619	10.4	11	619	606	1071.48	9318
	Dec 2017	800	54	35	570	9.3	7	570	620	1074.31	9545
	Jan 2018	800	62	29	691	11.2	15	691	628	1075.78	9665
	Feb 2018	650	73	27	662	11.9	17	662	629	1075.97	9680
	Mar 2018	650	55	30	1006	16.4	23	1006	608	1071.86	9348
	Apr 2018	600	53	36	1055	17.7	26	1055	579	1066.34	8911
	May 2018	650	37	41	960	15.6	32	960	558	1062.15	8587
	Jun 2018	800	21	49	918	15.4	32	918	547	1059.97	8421
	Jul 2018	1000	78	61	831	13.5	32	831	557	1061.86	8565

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2016 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Aug 2015	803	-16	23	775	0	775	12.6	642.12	1675
H	Sep 2015	723	-16	18	758	0	758	12.7	639.56	1606
	WY 2015	**9246**	**-142**	**198**	**8945**	**0**	**8945**			
I	Oct 2015	578	-7	15	655	0	655	10.7	635.80	1507
S	Nov 2015	631	-14	10	599	0	599	10.1	636.11	1514
T	Dec 2015	619	-13	9	527	0	527	8.6	638.77	1585
O	Jan 2016	662	-32	10	553	0	553	9.0	641.26	1651
R	Feb 2016	699	-20	10	675	0	675	11.7	641.04	1645
I	Mar 2016	1008	-16	13	921	0	921	15.0	643.17	1703
C	Apr 2016	1055	-18	17	979	0	979	16.4	644.70	1746
A	May 2016	887	-6	22	903	0	903	14.7	643.07	1701
L	Jun 2016	920	-16	26	838	0	838	14.1	644.53	1741
*	Jul 2016	831	-24	26	803	0	803	13.1	643.75	1719
	Aug 2016	682	-11	23	696	0	696	11.3	642.00	1671
	Sep 2016	705	-9	18	732	0	732	12.3	640.01	1617
	WY 2016	**9277**	**-185**	**198**	**8881**	**0**	**8881**			
	Oct 2016	514	-1	15	681	0	681	11.1	633.00	1434
	Nov 2016	651	-8	10	581	0	581	9.8	635.00	1486
	Dec 2016	596	-12	9	477	0	477	7.8	638.71	1583
	Jan 2017	728	-14	10	622	0	622	10.1	641.80	1666
	Feb 2017	728	-14	10	705	0	705	12.7	641.80	1666
	Mar 2017	1034	-16	13	972	0	972	15.8	643.05	1700
	Apr 2017	1097	-19	17	1063	0	1063	17.9	643.00	1699
	May 2017	990	-13	22	955	0	955	15.5	643.00	1699
	Jun 2017	884	-16	25	870	0	870	14.6	642.00	1671
	Jul 2017	840	-13	25	815	0	815	13.3	641.50	1658
	Aug 2017	760	-11	23	726	0	726	11.8	641.50	1658
	Sep 2017	728	-9	18	741	0	741	12.5	640.01	1617
	WY 2017	**9550**	**-146**	**197**	**9206**	**0**	**9206**			
	Oct 2017	481	-1	15	648	0	648	10.5	633.00	1434
	Nov 2017	619	-8	10	549	0	549	9.2	635.00	1486
	Dec 2017	570	-12	9	451	0	451	7.3	638.71	1583
	Jan 2018	691	-14	10	584	0	584	9.5	641.80	1666
	Feb 2018	662	-14	10	639	0	639	11.5	641.80	1666
	Mar 2018	1006	-16	13	943	0	943	15.3	643.05	1700
	Apr 2018	1055	-19	17	1021	0	1021	17.2	643.00	1699
	May 2018	960	-13	22	924	0	924	15.0	643.00	1699
	Jun 2018	918	-16	25	903	0	903	15.2	642.00	1671
	Jul 2018	831	-13	25	806	0	806	13.1	641.50	1658

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2016 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	Aug 2015	775	16	17	580	9.4	107	70	448.30	586	93	1.5
H	Sep 2015	758	19	15	487	8.2	104	168	448.04	581	90	1.5
	WY 2015	**8945**	**179**	**140**	**6135**		**1195**	**1566**			**1510**	
I	Oct 2015	655	34	12	458	7.5	101	115	447.88	578	59	1.0
S	Nov 2015	599	11	9	385	6.5	98	120	447.57	572	93	1.6
T	Dec 2015	527	22	7	321	5.2	101	130	446.92	560	105	1.7
O	Jan 2016	553	26	6	324	5.3	97	156	446.60	554	154	2.5
R	Feb 2016	675	10	8	543	9.4	13	117	446.50	552	180	3.1
I	Mar 2016	921	18	9	695	11.3	89	123	447.40	569	221	3.6
C	Apr 2016	979	18	11	689	11.6	93	169	448.89	597	202	3.4
A	May 2016	903	13	13	636	10.3	97	176	448.08	581	97	1.6
L	Jun 2016	838	18	15	633	10.6	95	89	448.81	596	92	1.5
*	Jul 2016	803	20	17	617	10.0	100	74	449.03	600	102	1.7
	Aug 2016	696	26	17	556	9.0	85	70	448.00	580	94	1.5
	Sep 2016	732	23	15	515	8.7	76	143	447.80	576	89	1.5
	WY 2016	**8881**	**240**	**140**	**6371**		**1044**	**1482**			**1489**	
	Oct 2016	681	27	12	467	7.6	98	130	447.50	571	65	1.1
	Nov 2016	581	22	9	372	6.3	94	122	447.50	571	103	1.7
	Dec 2016	477	19	7	286	4.7	96	122	446.50	552	115	1.9
	Jan 2017	622	13	6	388	6.3	82	154	446.50	552	154	2.5
	Feb 2017	705	12	8	485	8.7	73	143	446.50	552	180	3.2
	Mar 2017	972	4	9	724	11.8	82	150	446.70	555	206	3.4
	Apr 2017	1063	19	11	761	12.8	79	182	448.70	593	192	3.2
	May 2017	955	16	13	675	11.0	82	189	448.70	593	97	1.6
	Jun 2017	870	14	16	688	11.6	79	87	448.70	593	98	1.6
	Jul 2017	815	29	17	655	10.7	82	90	448.00	580	99	1.6
	Aug 2017	726	26	17	558	9.1	82	91	447.50	571	99	1.6
	Sep 2017	741	23	15	507	8.5	79	153	447.50	570	89	1.5
	WY 2017	**9206**	**224**	**139**	**6567**		**1007**	**1613**			**1497**	
	Oct 2017	648	27	12	466	7.6	82	108	447.50	571	68	1.1
	Nov 2017	549	22	9	370	6.2	79	108	447.50	571	103	1.7
	Dec 2017	451	19	7	288	4.7	82	108	446.50	552	115	1.9
	Jan 2018	584	13	6	380	6.2	100	106	446.50	552	150	2.4
	Feb 2018	639	12	8	478	8.6	57	100	446.50	552	175	3.1
	Mar 2018	943	4	9	720	11.7	83	124	446.70	555	199	3.2
	Apr 2018	1021	19	11	759	12.8	97	124	448.70	593	185	3.1
	May 2018	924	16	13	678	11.0	100	137	448.70	593	93	1.5
	Jun 2018	903	14	16	691	11.6	97	100	448.70	593	94	1.6
	Jul 2018	806	29	17	656	10.7	100	62	448.00	580	95	1.5

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2016 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Aug 2015	803	13.1	1078.31	9871	13	434.75	1451.0	307.8	93	383.4
H	Sep 2015	723	12.1	1078.10	9854	-17	435.36	1563.0	275.2	100	380.7
	WY 2015	**9246**							**3596.9**		
I	Oct 2015	578	9.4	1078.99	9927	73	435.13	1088.0	221.8	70	383.6
S	Nov 2015	631	10.6	1078.23	9865	-63	433.49	1088.0	244.8	70	387.9
T	Dec 2015	619	10.1	1080.91	10087	222	434.77	1069.0	241.9	68	390.9
O	Jan 2016	662	10.8	1083.68	10318	232	438.04	775.0	258.5	49	390.7
R	Feb 2016	699	12.2	1084.17	10360	41	437.39	880.0	277.0	55	396.1
I	Mar 2016	1008	16.4	1080.45	10048	-311	434.20	973.0	402.7	61	399.7
C	Apr 2016	1055	17.7	1076.13	9693	-355	429.37	1244.0	413.9	80	392.2
A	May 2016	887	14.4	1073.80	9504	-189	426.83	1164.0	343.6	74	387.5
L	Jun 2016	920	15.5	1071.64	9330	-174	425.27	1528.0	349.7	100	380.2
*	Jul 2016	831	13.5	1072.75	9419	89	427.46	1528.0	311.5	100	374.8
	Aug 2016	682	11.1	1075.64	9653	233	420.85	1549.0	254.3	100	372.9
	Sep 2016	705	11.8	1075.98	9680	28	423.67	1551.0	266.7	100	378.4
	WY 2016	**9277**							**3586.5**		
	Oct 2016	514	8.4	1077.03	9767	86	429.36	1162.0	198.9	75	387.2
	Nov 2016	651	10.9	1076.47	9721	-46	431.76	1179.0	250.4	76	384.9
	Dec 2016	596	9.7	1078.93	9923	202	429.55	1378.0	227.1	88	381.3
	Jan 2017	728	11.8	1080.02	10013	90	429.76	1285.0	281.4	82	386.3
	Feb 2017	728	13.1	1079.57	9975	-37	429.51	1218.9	285.2	77	391.6
	Mar 2017	1034	16.8	1075.28	9624	-352	426.44	1244.0	400.1	80	386.8
	Apr 2017	1097	18.4	1069.41	9153	-471	420.91	1231.9	423.7	81	386.2
	May 2017	990	16.1	1064.94	8802	-351	415.92	1193.0	371.0	80	374.6
	Jun 2017	884	14.9	1063.22	8669	-133	411.08	1480.0	325.6	100	368.3
	Jul 2017	840	13.7	1064.98	8805	136	411.59	1490.0	313.5	100	373.3
	Aug 2017	760	12.4	1068.81	9105	300	414.52	1512.0	282.7	100	372.1
	Sep 2017	728	12.2	1070.15	9212	106	417.56	1520.0	272.4	100	374.4
	WY 2017	**9550**							**3632.0**		
	Oct 2017	481	7.8	1071.65	9331	119	423.80	1138.1	182.7	74	380.0
	Nov 2017	619	10.4	1071.48	9318	-13	427.49	1030.1	238.9	67	386.3
	Dec 2017	570	9.3	1074.31	9545	227	427.44	970.8	217.4	63	381.6
	Jan 2018	691	11.2	1075.78	9665	120	425.36	1257.8	262.3	82	379.8
	Feb 2018	662	11.9	1075.97	9680	15	425.62	1195.4	254.1	77	383.8
	Mar 2018	1006	16.4	1071.86	9348	-332	422.95	1221.1	384.1	80	382.0
	Apr 2018	1055	17.7	1066.34	8911	-436	417.69	1210.3	402.3	81	381.1
	May 2018	960	15.6	1062.15	8587	-324	413.02	1173.5	361.0	80	376.2
	Jun 2018	918	15.4	1059.97	8421	-167	408.09	1453.3	336.9	100	367.1
	Jul 2018	831	13.5	1061.86	8565	144	408.43	1464.0	307.4	100	369.9

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2016 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Aug 2015	775	12.6	642.12	1675	-12	142.40	255.0	99.2	100	127.9
H	Sep 2015	758	12.7	639.56	1606	-69	137.76	255.0	95.5	100	126.0
	WY 2015	**8945**							**1122.4**		
I	Oct 2015	655	10.7	635.80	1507	-99	136.05	211.7	81.6	83	124.5
S	Nov 2015	599	10.1	636.11	1514	8	136.53	165.8	72.5	65	121.0
T	Dec 2015	527	8.6	638.77	1585	70	135.98	155.6	65.1	61	123.6
O	Jan 2016	553	9.0	641.26	1651	67	141.86	163.2	71.9	64	129.9
R	Feb 2016	675	11.7	641.04	1645	-6		178.5	86.3	70	127.8
I	Mar 2016	921	15.0	643.17	1703	58	139.07	214.2	117.9	84	128.0
C	Apr 2016	979	16.4	644.70	1746	42	143.66	255.0	125.4	100	128.2
A	May 2016	903	14.7	643.07	1701	-45	141.63	252.5	115.5	99	127.8
L	Jun 2016	838	14.1	644.53	1741	40	143.17	255.0	107.4	100	128.1
*	Jul 2016	803	13.1	643.75	1719	-22	144.39	252.5	103.3	99	128.6
	Aug 2016	696	11.3	642.00	1671	-48	135.91	255.0	87.9	100	126.4
	Sep 2016	732	12.3	640.01	1617	-54	133.94	255.0	91.0	100	124.4
	WY 2016	**8881**							**1125.8**		
	Oct 2016	681	11.1	633.00	1434	-183	129.77	234.6	82.2	92	120.7
	Nov 2016	581	9.8	635.00	1486	51	128.06	204.0	69.2	80	119.0
	Dec 2016	477	7.8	638.71	1583	97	130.45	224.4	58.4	88	122.3
	Jan 2017	622	10.1	641.80	1666	83	135.03	191.3	77.4	75	124.5
	Feb 2017	705	12.7	641.80	1666	0	137.09	176.0	88.1	69	124.9
	Mar 2017	972	15.8	643.05	1700	34	135.44	255.0	121.0	100	124.5
	Apr 2017	1063	17.9	643.00	1699	-2	136.07	255.0	132.3	100	124.4
	May 2017	955	15.5	643.00	1699	0	136.04	255.0	119.5	100	125.1
	Jun 2017	870	14.6	642.00	1671	-27	135.51	255.0	108.6	100	124.9
	Jul 2017	815	13.3	641.50	1658	-14	134.73	255.0	101.6	100	124.7
	Aug 2017	726	11.8	641.50	1658	0	134.46	255.0	90.7	100	125.0
	Sep 2017	741	12.5	640.01	1617	-40	133.68	255.0	91.9	100	124.1
	WY 2017	**9206**							**1140.8**		
	Oct 2017	648	10.5	633.00	1434	-183	129.77	234.6	78.4	92	120.9
	Nov 2017	549	9.2	635.00	1486	51	128.06	204.0	65.5	80	119.2
	Dec 2017	451	7.3	638.71	1583	97	130.45	224.4	55.3	88	122.5
	Jan 2018	584	9.5	641.80	1666	83	135.03	191.3	72.8	75	124.7
	Feb 2018	639	11.5	641.80	1666	0	137.09	176.0	80.1	69	125.4
	Mar 2018	943	15.3	643.05	1700	34	135.44	255.0	117.5	100	124.7
	Apr 2018	1021	17.2	643.00	1699	-2	136.07	255.0	127.3	100	124.6
	May 2018	924	15.0	643.00	1699	0	136.04	255.0	115.8	100	125.3
	Jun 2018	903	15.2	642.00	1671	-27	135.51	255.0	112.7	100	124.8
	Jul 2018	806	13.1	641.50	1658	-14	134.73	255.0	100.6	100	124.8

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2016 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Aug 2015	580	9.4	448.30	586	6	82.40	120.0	40.9	100	70.4
H	Sep 2015	487	8.2	448.04	581	-5	82.23	120.0	34.6	100	71.1
	WY 2015	**6135**							**430.7**		
I	Oct 2015	458	7.5	447.88	578	-3	81.97	91.2	32.3	76	70.6
S	Nov 2015	385	6.5	447.57	572	-6	83.21	96.0	27.1	80	70.3
T	Dec 2015	321	5.2	446.92	560	-12	82.51	120.0	21.9	100	68.4
O	Jan 2016	324	5.3	446.60	554	-6	80.76	94.8	22.3	79	68.8
R	Feb 2016	528	9.4	446.50	552	-2	78.54	87.6	38.1	73	72.2
I	Mar 2016	695	11.3	447.40	569	17	81.63	104.4	48.9	87	70.3
C	Apr 2016	689	11.6	448.89	597	28	83.09	120.0	48.4	100	70.3
A	May 2016	636	10.3	448.08	581	-15	82.13	120.0	45.1	100	70.9
L	Jun 2016	633	10.6	448.81	596	14	83.02	120.0	44.8	100	70.8
*	Jul 2016	617	10.0	449.03	600	4	83.16	120.0	43.7	100	70.9
	Aug 2016	556	9.0	448.00	580	-20	75.87	120.0	36.6	100	65.8
	Sep 2016	515	8.7	447.80	576	-4	75.27	120.0	33.6	100	65.3
	WY 2016	**6356**							**442.8**		
	Oct 2016	467	7.6	447.50	571	-6	75.89	100.8	30.6	84	65.5
	Nov 2016	372	6.3	447.50	571	0	75.92	97.2	24.2	81	64.9
	Dec 2016	286	4.7	446.50	552	-19	74.40	120.0	17.9	100	62.6
	Jan 2017	388	6.3	446.50	552	0	75.13	93.6	25.0	78	64.5
	Feb 2017	485	8.7	446.50	552	0	74.71	102.0	31.6	85	65.1
	Mar 2017	724	11.8	446.70	555	4	74.01	120.0	47.0	100	65.0
	Apr 2017	761	12.8	448.70	593	38	75.08	120.0	50.2	100	65.9
	May 2017	675	11.0	448.70	593	0	76.05	120.0	44.8	100	66.4
	Jun 2017	688	11.6	448.70	593	0	76.05	120.0	45.8	100	66.5
	Jul 2017	655	10.7	448.00	580	-13	75.71	120.0	43.3	100	66.1
	Aug 2017	558	9.1	447.50	571	-9	75.13	120.0	36.4	100	65.3
	Sep 2017	507	8.5	447.50	570	0	74.89	120.0	32.9	100	65.0
	WY 2017	**6567**							**429.8**		
	Oct 2017	466	7.6	447.50	571	0	75.74	100.8	30.5	84	65.4
	Nov 2017	370	6.2	447.50	571	0	75.92	97.2	24.0	81	64.9
	Dec 2017	288	4.7	446.50	552	-19	74.40	120.0	18.1	100	62.6
	Jan 2018	380	6.2	446.50	552	0	74.89	98.4	24.4	82	64.2
	Feb 2018	478	8.6	446.50	552	0	75.07	94.8	31.2	79	65.4
	Mar 2018	720	11.7	446.70	555	4	74.01	120.0	46.8	100	65.0
	Apr 2018	759	12.8	448.70	593	38	75.08	120.0	50.1	100	65.9
	May 2018	678	11.0	448.70	593	0	76.05	120.0	45.0	100	66.4
	Jun 2018	691	11.6	448.70	593	0	76.05	120.0	45.9	100	66.5
	Jul 2018	656	10.7	448.00	580	-13	75.71	120.0	43.3	100	66.1

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3012

Processed On: 8/9/2016 1:46:06PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2016 24-Month Study

Most Probable Inflow*

Upper Basin Power

	Date	Glen Canyon 1000 MWHR	Flaming Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Reservoir 1000 MWHR	Fontenelle Reservoir 1000 MWHR
*	Aug 2015	357	42	32	38	21	7
H	Sep 2015	317	40	28	37	18	0
	Summer 2015	**2049**	**256**	**173**	**241**	**111**	**39**
I	Oct 2015	264	52	26	32	0	4
S	Nov 2015	256	52	13	15	0	4
T	Dec 2015	378	53	18	16	7	4
O	Jan 2016	373	52	17	22	13	3
R	Feb 2016	302	45	16	21	12	4
I	Mar 2016	298	20	10	11	7	4
	Winter 2016	**1871**	**274**	**100**	**118**	**38**	**23**
C	Apr 2016	288	19	18	25	16	4
A	May 2016	305	20	38	61	21	7
L	Jun 2016	360	105	14	18	15	9
*	Jul 2016	435	46	34	40	22	6
	Aug 2016	367	40	33	39	20	6
	Sep 2016	283	39	26	31	16	5
	Summer 2016	**2037**	**269**	**162**	**213**	**109**	**36**
	Oct 2016	242	25	19	24	12	5
	Nov 2016	241	32	10	13	7	5
	Dec 2016	320	38	26	32	16	5
	Jan 2017	318	38	13	17	9	4
	Feb 2017	256	34	8	11	6	4
	Mar 2017	255	18	10	14	8	4
	Winter 2017	**1632**	**185**	**87**	**110**	**58**	**27**
	Apr 2017	235	17	15	21	12	5
	May 2017	258	41	47	65	23	6
	Jun 2017	327	55	20	29	18	8
	Jul 2017	413	35	26	31	16	10
	Aug 2017	430	35	29	35	17	8
	Sep 2017	325	34	31	37	19	6
	Summer 2017	**1989**	**216**	**168**	**218**	**106**	**43**
	Oct 2017	242	35	22	27	14	6
	Nov 2017	242	34	11	14	7	6
	Dec 2017	321	35	17	21	11	6
	Jan 2018	319	35	15	19	10	5
	Feb 2018	257	31	9	12	6	4
	Mar 2018	257	35	11	15	8	5
	Winter 2018	**1381**	**169**	**73**	**93**	**49**	**27**
	Apr 2018	237	34	16	24	14	6
	May 2018	261	59	51	71	23	7
	Jun 2018	331	49	20	31	21	9
	Jul 2018	418	36	25	31	17	10

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3012

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2016 24-Month Study

Most Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions

Date	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Total KAF	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****CREDITABLE SPACE****										
Aug 2016	482	63	332	10746	11623	17958	29581	482	63	332	877	10746	17958	29581	1500	682	0	30.9
Sep 2016	555	117	369	11140	12182	17724	29906	555	117	369	1042	11140	17724	29906	2270	705	0	30.5
Oct 2016	630	161	386	11376	12553	17697	30250	630	161	386	1177	11376	17697	30250	3040	514	0	30.2
Nov 2016	657	190	396	11491	12734	17610	30344	657	190	396	1242	11491	17610	30344	3810	651	0	30.0
Dec 2016	689	195	394	11664	12941	17656	30597	689	195	394	1278	11664	17656	30597	4580	596	0	29.8
Jan 2017	754	255	397	12007	13413	17454	30868	754	255	397	1406	12007	17454	30868	5350	728	0	29.5
								****EFFECTIVE SPACE****										
Jan 2017	754	255	397	12007	13413	17454	30868	362	192	156	710	12007	17454	30171	5350	728	0	29.5
Feb 2017	815	275	403	12381	13873	17364	31238	422	213	161	796	12381	17364	30541	1500	728	0	29.2
Mar 2017	866	282	401	12615	14164	17402	31566	471	222	159	851	12615	17402	30868	1500	1034	0	28.7
Apr 2017	829	284	368	12790	14272	17753	32025	429	226	119	773	12790	17753	31317	1500	1097	0	28.5
May 2017	755	273	312	12754	14095	18224	32319	347	213	40	599	12754	18224	31577	1500	990	0	29.5
Jun 2017	688	257	258	11511	12714	18575	31290	270	184	-52	401	11511	18575	30487	1500	884	0	31.0
Jul 2017	541	108	398	10099	11146	18708	29854	110	10	33	153	10099	18708	28960	1500	840	0	30.8
								****CREDITABLE SPACE****										
Aug 2017	449	93	424	10398	11365	18572	29937	449	93	424	967	10398	18572	29937	1500	760	0	30.5
Sep 2017	483	129	457	10928	11997	18272	30269	483	129	457	1069	10928	18272	30269	2270	728	0	30.1
Oct 2017	537	183	465	11285	12470	18165	30636	537	183	465	1185	11285	18165	30636	3040	481	0	29.8
Nov 2017	584	218	457	11387	12647	18046	30693	584	218	457	1260	11387	18046	30693	3810	619	0	29.7
Dec 2017	630	223	455	11524	12831	18059	30891	630	223	455	1308	11524	18059	30891	4580	570	0	29.5
Jan 2018	692	252	456	11871	13271	17832	31103	692	252	456	1400	11871	17832	31103	5350	691	0	29.3
								****EFFECTIVE SPACE****										
Jan 2018	692	252	456	11871	13271	17832	31103	402	252	206	860	11871	17832	30562	5350	691	0	29.3
Feb 2018	749	276	459	12209	13693	17712	31406	457	276	209	942	12209	17712	30863	1500	662	0	29.1
Mar 2018	793	283	452	12417	13945	17697	31642	498	283	201	982	12417	17697	31096	1500	1006	0	28.8
Apr 2018	790	283	397	12479	13948	18029	31978	491	283	138	913	12479	18029	31421	1500	1055	0	28.8
May 2018	755	265	306	12241	13568	18466	32033	450	265	25	739	12241	18466	31446	1500	960	0	30.0
Jun 2018	682	225	278	10869	12055	18790	30845	368	225	-42	551	10869	18790	30210	1500	918	0	31.5
Jul 2018	444	51	410	9487	10392	18956	29348	112	37	35	183	9487	18956	28627	1500	831	0	31.6

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3012

Processed On: 8/9/2016 1:46:06PM

September 24-Month Study
Date: September 12, 2016

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

Reservoir	August Inflow (unregulated) (acre-feet)	Percent of Average (%)	September 11, Midnight Elevation (feet)	Reservoir Storage (acre-feet)
Fontenelle	80,000	37	6,492.83	246,000
Flaming Gorge	91,000	35	6,026.97	3,233,000
Blue Mesa	81,000	61	7,504.62	700,000
Navajo	24,000	29	6,058.38	1,327,000
Powell	595,000	55	3,612.43	13,448,000

Expected Operations

The operation of Lake Powell and Lake Mead in this September 2016 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines) and reflects the 2016 Annual Operating Plan (AOP) and the draft 2017 AOP. Pursuant to the Interim Guidelines, the August 2015 24-Month Study projections of the January 1, 2016, system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2016.

Consistent with Section 6.B of the Interim Guidelines, the Lake Powell operational tier for water year 2016 is the Upper Elevation Balancing Tier. The April 2016 24-Month Study projected the end of water year elevation at Lake Powell to be above 3,575 feet above mean sea level (feet) and the end of water year elevation at Lake Mead to be below elevation 1,075 feet. Therefore, in accordance with Section 6.B.4 of the Interim Guidelines, Lake Powell operations shifted to "balancing releases" for the remainder of water year 2016. Based on the most probable inflow forecast, this September 24-Month Study projects a balancing release of 9.0 maf in water year 2016.

Consistent with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar year 2016.

The August 2016 24-Month Study projects the January 1, 2017 Lake Powell elevation to be below the 2017 Equalization Elevation of 3,652 feet and above elevation 3,575 feet. Consistent with Section 6.B of the Interim Guidelines, Lake Powell's operations in water year 2017 will be governed by the Upper Elevation Balancing Tier, with an initial water year release volume of 8.23 maf and the potential for an April adjustment to equalization or balancing releases in April 2017. Consistent with Section 6.B.4 of the Interim Guidelines, an April adjustment to balancing releases is currently projected to occur and Lake Powell is projected to release 9.0 maf in water year 2017.

The August 2016 24-Month Study projects the January 1, 2017 Lake Mead elevation to be above 1,075 feet. Consistent with Section 2.B.5 of the Interim Guidelines, the ICS Surplus Condition is the criterion governing the operation of Lake Mead for calendar year 2017.

The operational tier determinations will be documented in the 2017 AOP, which is currently in the final stages of development.

The Interim Guidelines are available for download at:
http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The 2016 AOP is available for download at:
http://www.usbr.gov/lc/region/g4000/aop/AOP16.pdf.
The draft 2017 AOP is available for download at
http://www.usbr.gov/uc/water/rsvrs/ops/aop/2017AOP_2016-09-02_Consultation-3.pdf

Fontenelle Reservoir – Fontenelle Reservoir is currently at elevation 6494.83 feet above sea level (feet), which amounts to 76 percent of live storage capacity. Inflows for the month of August totaled 29,000 acre-feet (af), or 37 percent of average. Releases will be decreased to base flow levels of approximately 900 cubic feet per second (cfs) sometime in September and are forecasted to remain at this level through the winter, subject to hydrology.

The Colorado Basin River Forecast Center has forecasted spring inflows that are much below average. September, October and November forecasted inflow volumes amount to 30,000 af (65 percent of average), 40,000 af (82 percent of average), and 40,000 af (95 percent of average), respectively.

The next Fontenelle Working Group meeting is scheduled for 10:00 a.m., April 19, 2017. The meeting will be held at Seedskadee Wildlife Refuge Headquarters, Wyoming. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir.

Flaming Gorge Reservoir – Flaming Gorge Dam is currently releasing 1,800 cfs on average each day. Releases during the base flow period through September 30, 2016, will be modified regularly to provide for Colorado Pikeminnow flows in Reach 2 of the Green River. Targeted flow levels in Reach 2 will vary between approximately 2,000 cfs to 2,400 cfs.

The observed April-July unregulated inflow volume into Flaming Gorge Dam was 1.048 million acre-feet (maf). This volume falls in the average (above median) hydrologic classification at 49 percent exceedance for the base flow period. Base flow hydrologic classification may change based on observed hydrology through the end of February 2017.

Unregulated inflow into Flaming Gorge Reservoir during the month of August was 28,000 af, or 32 percent of average. The reservoir elevation is 6,027.49 feet (87 percent of live capacity) and decreasing.

The September final forecast for inflows for the next three months projects much below average trending to above average: with September, October and November forecasted inflow volumes at 35,000 af (64 percent of average), 50,000 af (85 percent of average), and 59,000 af (115 percent of average), respectively.

The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stakeholders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations and plans presented by Reclamation at these meetings. Meeting notes from past Working Group meetings are posted on the Working Group webpage. For more information on this group and these meetings please contact Dale Hamilton at 801-379-1186 or Heather Patno at 801-524-3883.

Reclamation will be holding the Flaming Gorge Working Group meeting on Thursday, April 20, 2017, at 10:00 a.m. at the Utah Division of Wildlife Resources offices located at 318 North Vernal Avenue, Vernal, Utah.

Aspinall Unit Reservoirs – Crystal Dam is currently releasing 1800 cfs with 1000 cfs being diverted through the Gunnison Tunnel and approximately 850 cfs flowing through the Black Canyon. The August unregulated inflow to Blue Mesa Reservoir was 57,000 af (90 percent of average) which was above the forecasted volume of 45,000 af (71 percent of average). The end of August reservoir elevation for Blue Mesa was 7506.19 feet. The peak elevation of Blue Mesa Reservoir for Water Year 2016 occurred on July 7, 2016 when the elevation reached 7515.98 feet above sea level. This elevation corresponds to a live storage level of 799,000 acre-feet (96 percent of full capacity).

Inflows to Blue Mesa for the next three months are projected to be below average: with September, October and November forecasted inflow volumes of 35,000 af (92 percent of average), 35,000 af (92 percent of average) and 30,000 af (68 percent of average), respectively.

The Aspinall Unit Working Group is an open public forum for information exchange between Reclamation and the stakeholders of the Aspinall Unit. The public is encouraged to attend and comments on the operations and plans presented by Reclamation at these meetings. Meeting notes from past working Group meetings are posted on the Working Group webpage. For more information on this group and these

meetings please contact Erik Knight in the Grand Junction Area Office at (970) 248-0629.

The next meeting of the Aspinall Unit Working Group will be held on Thursday, January 19th, 2017 at 1:00 pm at the Holiday Inn Express located in Montrose, Colorado.

Navajo Reservoir – As of September 1st, 2016, Navajo reservoir elevation is 6059 feet (1.336 maf live storage) and is releasing 500 cfs. Releases are made for the authorized purposes of the Navajo Unit, and to attempt to maintain a target base flow through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell). The San Juan River Basin Recovery Implementation Program (SJRIP) recommends a target base flow of between 500 cfs and 1,000 cfs through the critical habitat area. The target base flow is calculated as the weekly average of gaged flows throughout the critical habitat area.

Modified unregulated inflow into Navajo (unregulated inflow into Navajo, adjusted to account for the trans-basin diversion through the Azotea Tunnel) during the month of August was 30,000 af, which was 67 percent of average. The total April-July modified unregulated inflow into Navajo for 2016 was 566,000 af (77 percent of average).

Inflows for the next three months are projected to be below average: with September, October, and November forecasted inflow volumes at 23,000 af (55 percent of average), 30,000 af (64 percent of average), and 31,000 af (93 percent of average), respectively.

The spring peak release began May 18th. The release was reduced to 2,000 cfs at the request of the San Juan County office of Emergency Management (OEM) on May 25th due to safety and property concerns. Reclamation coordinated daily with OEM to safely increase the release with the goal of reaching 5,000 cfs. The maximum release reached was 4,720 cfs on June 5th. The release was decreased to 4,200 cfs for most of the remainder of the spring peak release. Ramp-down for the spring peak release began on July 1st and was complete by July 11th. Releases will be made to maintain target baseflows in the critical habitat reach for the remainder of the year.

Reclamation conducts Public Operations Meetings three times per year to gather input for determining upcoming operations for Navajo Reservoir. Input from individuals, organizations, and agencies along with other factors such as weather, water rights, endangered species requirements, flood control, hydro power, recreation, fish and wildlife management, and reservoir levels, will be considered in the development of these reservoir operation plans. In addition, the meetings are used to coordinate activities and exchange information among agencies, water users, and other interested parties concerning the San Juan River and Navajo Reservoir.

The next Navajo Public Operations Meeting is scheduled for January 24th, 2017, at 1pm at the Farmington Civic Center, Farmington, NM.

Glen Canyon Dam / Lake Powell

Current Status

The unregulated inflow to Lake Powell in August was 253 thousand acre-feet (kaf) (51 percent of average). The release volume from Glen Canyon Dam in August was 900 kaf. The end of August elevation and storage of Lake Powell were 3,613.55 feet (86 feet from full pool) and 13.1 maf (54 percent of full capacity), respectively. The April to July 2016 unregulated inflow to Lake Powell was 6.61 maf (92 percent of average). The reservoir elevation peaked at 3,621.5 feet on July 9 and is now in its seasonal decline through the fall and winter months.

Current Operations

The operating tier for water year 2016, established in August 2015, is the Upper Elevation Balancing Tier. The April 2016 24-Month Study established that Lake Powell operations will be governed by balancing for the remainder of water year 2016. Based on the most probable inflow forecast, this September 24-Month Study projects a balancing release of 9.0 maf in water year 2016. Reclamation will schedule operations at Glen Canyon Dam to achieve as practicably as possible the appropriate total annual release volume by September 30, 2016.

The operating tier for water year 2017, established in August 2016, is the Upper Elevation Balancing Tier, with an initial water year release volume of 8.23 maf and the potential for an April 2017 adjustment to equalization or balancing releases. Based on the current forecast, an April adjustment to balancing releases is projected to occur and Lake Powell is currently projected to release 9.0 maf in water year 2017. This projection will be updated each month throughout the water year.

In September 2016, the release volume will be approximately 699 kaf, with fluctuations anticipated between approximately 8,500 cfs and 14,500 cfs and consistent with the Glen Canyon Operating Criteria (Federal Register, Volume 62, No. 41, March 3, 1997). The anticipated release volume for October is approximately 600 kaf with daily fluctuations between approximately 7,000 cfs and 13,000 cfs. The expected release for November is 600 kaf with daily fluctuations between approximately 7,000 cfs and 13,000 cfs.

In addition to daily scheduled fluctuations for power generation, the instantaneous releases from Glen Canyon Dam may also fluctuate to provide 40 mega-watts (mw) of system regulation. These instantaneous release adjustments stabilize the electrical generation and transmission system and translate to a range of about 1,200 cfs above or below the hourly scheduled release rate. Under system normal conditions, fluctuations for regulation are typically short lived and generally balance out over the hour with minimal or no noticeable impacts on downstream river flow conditions.

Releases from Glen Canyon Dam can also fluctuate beyond scheduled releases when called upon to respond to unscheduled power outages or power system emergencies. Depending on the severity of the system emergency, the response from Glen Canyon Dam can be significant, within the full range of the operating capacity of the power plant for as long as is necessary to maintain balance in the transmission system. Glen Canyon Dam currently maintains 27 mw (approximately 800 cfs) of generation capacity in

reserve in order to respond to a system emergency even when generation rates are already high. System emergencies occur fairly infrequently and typically require small responses from Glen Canyon Dam. However, these responses can have a noticeable impact on the river downstream of Glen Canyon Dam.

Inflow Forecasts and Model Projections

The forecast for water year 2016 unregulated inflow to Lake Powell, issued on September 1, 2016, by the Colorado Basin River Forecast Center, projects that the most probable (median) unregulated inflow volume next year will be 9.53 maf (88 percent of average). There is significant uncertainty regarding next season's snow pack development and resulting runoff into Lake Powell. The forecast ranges from a minimum probable of 6.6 maf (61 percent of average) to a maximum probable of 17.0 maf (157 percent of average). There is a 10 percent chance that inflows could be higher than the current maximum probable forecast and a 10 percent chance that inflows could be lower than the minimum probable forecast.

Based on the current forecast, the September 24-Month Study projects Lake Powell elevation will end water year 2016 near 3,611.0 feet with approximately 12.83 maf in storage (53 percent capacity) and water year 2017 near 3,611.0 feet with approximately 12.83 maf in storage (53 percent capacity). Note that projections of elevation and storage for water year 2017 have significant uncertainty at this point in the season. Projections of elevation and storage using the minimum and maximum probable inflow forecast, last updated in August, are 3,589 feet (10.7 maf, 44 percent of capacity) and 3,645 feet (16.6 maf, 68 percent of capacity), respectively. Under these scenarios, there is a 10 percent chance that inflows will be higher, resulting in higher elevation and storage, and 10 percent chance that inflows will be lower, resulting in lower elevation and storage. The annual release volume from Lake Powell during water year 2017 is projected to be 9.0 maf under the minimum and most probable inflow scenarios and 11.9 maf under the maximum probable inflow scenario. There is a chance that inflows could be higher or lower, potentially resulting in releases greater than 11.9 maf or as low as 8.23 maf in water year 2017. The minimum and maximum probable scenarios will be updated again in October.

Upper Colorado River Basin Hydrology

The Upper Colorado River Basin regularly experiences significant year to year hydrologic variability. During the 16-year period 2000 to 2015, however, the unregulated inflow to Lake Powell, which is a good measure of hydrologic conditions in the Colorado River Basin, was above average in only 3 out of the past 16 years. The period 2000-2015 is the lowest 16-year period since the closure of Glen Canyon Dam in 1963, with an average unregulated inflow of 8.51 maf, or 79 percent of the 30-year average (1981-2010). (For comparison, the 1981-2010 total water year average is 10.83 maf.) The unregulated inflow during the 2000-2015 period has ranged from a low of 2.64 maf (24 percent of average) in water year 2002 to a high of 15.97 maf (147 percent of average) in water year 2011. The water year 2015 unregulated inflow volume to Lake Powell was 10.174 maf (94 percent of average), which, though still below average, was significantly higher than inflows observed in 2012 and 2013 (45 percent and 47 percent

of average, respectively). Under the current most probable forecast, total water year 2016 unregulated inflows to Lake Powell is projected to be 9.64 maf (89 percent of average).

At the beginning of water year 2016, total system storage in the Colorado River Basin was 30.3 maf (51 percent of 59.6 maf total system capacity). This is nearly the same as the total storage at the beginning of water year 2015 which began at 30.1 maf (50 percent of capacity). Since the beginning of water year 2000, total Colorado Basin storage has experienced year to year increases and decreases in response to wet and dry hydrology, ranging from a high of 94 percent of capacity at the beginning of 2000 to a low of 50 percent of capacity at the beginning of water year 2014. One wet year can significantly increase total system reservoir storage, just as persistent dry years can draw down the system storage. Based on current inflow forecasts, the current projected end of water year 2017 total Colorado Basin reservoir storage is approximately 29.8 maf (50 percent of capacity). The actual end of water year storage may vary from this projection, primarily due to uncertainty regarding this season's runoff and resulting reservoir inflow. Based on the August minimum and maximum probable inflow forecasts and modeling the range is approximately 27.3 maf (46 percent of capacity) to 34.1 maf (57 percent of capacity), respectively.

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-430
125 SOUTH STATE STREET, ROOM 6107
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-3709

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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:	Obs			aug	Forecast			Observed	
:	may	jun	jul	aug	%Avg	sep	oct	nov	apr-jul	%Avg
GLDA3:Lake Powell	2294	2907	595	253	51%:	300/	450/	420/	6610/:	92%
GBRW4:Fontenelle	186	293	80	29	38%:	30/	40/	40/	650/:	90%
GRNU1:Flaming Gorge	362	455	91	28	31%:	35/	50/	59/	1048/:	107%
BMDC2:Blue Mesa	161	285	81	57	90%:	35/	35/	30/	602/:	89%
MPSC2:Morrow Point	176	302	83	58	87%:	38/	37/	32/	644/:	87%
CLSC2:Crystal	194	344	89	62	83%:	44/	43/	36/	719/:	86%
TPIC2:Taylor Park	17.2	41	11.2	8.5	83%:	6/	6/	5/	79/:	80%
VCRC2:Vallecito	60	77	17.1	15.1	76%:	12/	11/	7/	179/:	92%
NVRN5:Navajo	207	212	24	30	67%:	23/	30/	31/	562/:	76%
LEMC2:Lemon	14.5	23	2.3	4.6	93%:	3/	2/	1.5/	45/:	82%
MPHC2:McPhee	101	78	17.2	16.4	104%:	10/	7/	5/	241/:	82%
RBSC2:Ridgway	18.5	49	22	14.5	98%:	9/	7/	5/	99/:	98%

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2016 24-Month Study

Most Probable Inflow*

Fontenelle Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Sep 2015	37	2	0	61	61	6493.88	254
	WY 2015	**1210**	**16**	**930**	**324**	**1254**		
H	Oct 2015	46	1	46	15	61	6491.60	238
I	Nov 2015	40	1	56	1	57	6489.03	221
S	Dec 2015	36	1	58	0	58	6485.40	197
T	Jan 2016	32	1	49	10	58	6480.71	170
O	Feb 2016	34	0	55	0	55	6476.59	149
R	Mar 2016	50	1	58	0	58	6474.73	140
I	Apr 2016	91	1	56	0	56	6481.34	174
C	May 2016	186	2	86	20	106	6493.63	252
A	Jun 2016	293	2	101	143	243	6500.14	299
L	Jul 2016	80	3	73	3	76	6500.25	300
*	Aug 2016	29	2	65	0	65	6495.03	262
	Sep 2016	30	2	56	0	56	6491.00	235
	WY 2016	**946**	**15**	**759**	**192**	**951**		
	Oct 2016	40	1	55	0	55	6488.45	218
	Nov 2016	40	1	54	0	54	6486.29	204
	Dec 2016	33	1	55	0	55	6482.52	181
	Jan 2017	28	1	55	0	55	6477.37	153
	Feb 2017	27	0	50	0	50	6472.42	130
	Mar 2017	43	0	55	0	55	6469.48	117
	Apr 2017	68	1	71	0	71	6468.52	113
	May 2017	122	1	92	0	92	6475.00	142
	Jun 2017	260	2	101	6	107	6499.14	292
	Jul 2017	170	3	101	16	117	6505.65	343
	Aug 2017	65	2	84	0	84	6502.98	322
	Sep 2017	44	2	70	0	70	6499.31	294
	WY 2017	**940**	**14**	**845**	**22**	**867**		
	Oct 2017	47	1	69	0	69	6496.20	271
	Nov 2017	42	1	67	0	67	6492.54	245
	Dec 2017	32	1	69	0	69	6486.85	208
	Jan 2018	30	1	69	0	69	6480.30	168
	Feb 2018	28	0	62	0	62	6473.25	133
	Mar 2018	53	0	69	0	69	6469.43	117
	Apr 2018	85	1	89	0	89	6468.37	112
	May 2018	164	1	98	7	105	6480.62	170
	Jun 2018	299	2	102	69	171	6499.66	296
	Jul 2018	178	3	101	28	129	6505.54	342
	Aug 2018	77	2	100	5	105	6501.68	312

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2016 24-Month Study

Most Probable Inflow*

Flaming Gorge Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	Sep 2015	39	62	11	100	1	101	139	6032.59	3450	127
	WY 2015	**1562**	**1606**	**82**	**1293**	**58**	**1352**				**2856**
H	Oct 2015	48	63	7	131	0	131	136	6030.73	3377	162
I	Nov 2015	38	55	4	131	0	131	133	6028.73	3300	176
S	Dec 2015	38	61	2	137	0	137	130	6026.75	3225	172
T	Jan 2016	44	71	2	134	0	134	127	6025.07	3163	168
O	Feb 2016	63	84	2	118	0	118	126	6024.11	3127	164
R	Mar 2016	84	93	3	51	0	51	127	6025.13	3165	131
I	Apr 2016	140	105	5	50	0	50	129	6026.43	3213	316
C	May 2016	362	282	8	52	0	52	138	6032.01	3427	701
A	Jun 2016	455	405	11	270	198	469	135	6030.17	3356	965
L	Jul 2016	91	88	13	116	4	120	133	6029.03	3312	223
*	Aug 2016	28	64	13	110	0	110	131	6027.55	3255	137
	Sep 2016	35	61	11	106	0	106	129	6026.14	3202	121
	WY 2016	**1426**	**1431**	**81**	**1405**	**203**	**1608**				**3435**
	Oct 2016	50	65	7	85	0	85	128	6025.46	3177	115
	Nov 2016	59	73	3	97	0	97	127	6024.74	3151	132
	Dec 2016	40	62	2	101	0	101	125	6023.67	3111	129
	Jan 2017	45	72	2	101	0	101	124	6022.86	3082	126
	Feb 2017	45	68	2	92	0	92	123	6022.17	3057	116
	Mar 2017	92	104	3	50	0	50	125	6023.54	3107	120
	Apr 2017	125	128	5	48	0	48	128	6025.53	3180	248
	May 2017	178	148	8	111	0	111	129	6026.29	3208	621
	Jun 2017	310	157	10	147	0	147	129	6026.30	3208	627
	Jul 2017	205	152	13	89	0	89	131	6027.56	3256	171
	Aug 2017	76	95	12	89	0	89	131	6027.38	3249	110
	Sep 2017	50	76	11	86	0	86	130	6026.85	3229	101
	WY 2017	**1275**	**1202**	**78**	**1096**	**0**	**1096**				**2616**
	Oct 2017	55	77	7	89	0	89	129	6026.35	3210	117
	Nov 2017	50	75	3	86	0	86	129	6025.96	3196	116
	Dec 2017	35	72	2	89	0	89	128	6025.47	3177	114
	Jan 2018	40	79	2	89	0	89	127	6025.16	3166	114
	Feb 2018	45	79	2	81	0	81	127	6025.06	3163	108
	Mar 2018	102	119	3	89	0	89	128	6025.75	3188	166
	Apr 2018	134	137	5	86	0	86	130	6026.94	3232	301
	May 2018	245	186	8	159	0	159	131	6027.43	3251	691
	Jun 2018	390	262	10	134	0	134	135	6030.38	3364	554
	Jul 2018	210	162	14	98	0	98	137	6031.60	3411	198
	Aug 2018	89	117	13	98	0	98	137	6031.73	3416	124

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Managing Water in the West

September 2016 24-Month Study

Most Probable Inflow*

Taylor Park Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Sep 2015	7	18	9311.10	72
	WY 2015	**166**	**171**		
H	Oct 2015	7	8	9310.71	71
I	Nov 2015	5	6	9310.40	71
S	Dec 2015	5	6	9309.95	70
T	Jan 2016	6	6	9309.87	70
O	Feb 2016	4	5	9309.07	68
R	Mar 2016	5	6	9308.44	67
I	Apr 2016	9	6	9310.70	71
C	May 2016	17	11	9314.16	77
A	Jun 2016	41	20	9325.34	97
L	Jul 2016	11	21	9320.04	87
*	Aug 2016	9	16	9315.75	79
	Sep 2016	6	13	9311.57	72
	WY 2016	**124**	**124**		
	Oct 2016	6	6	9311.57	72
	Nov 2016	5	5	9311.57	72
	Dec 2016	4	5	9310.95	71
	Jan 2017	4	5	9310.33	70
	Feb 2017	3	5	9309.06	68
	Mar 2017	3	5	9307.78	66
	Apr 2017	6	5	9308.42	67
	May 2017	22	10	9315.75	79
	Jun 2017	38	15	9328.11	102
	Jul 2017	14	20	9325.05	96
	Aug 2017	8	20	9318.60	84
	Sep 2017	7	17	9312.79	74
	WY 2017	**120**	**118**		
	Oct 2017	6	8	9311.84	73
	Nov 2017	5	6	9311.24	72
	Dec 2017	5	6	9310.41	71
	Jan 2018	4	6	9309.37	69
	Feb 2018	4	6	9307.96	67
	Mar 2018	4	6	9306.94	65
	Apr 2018	9	6	9308.74	68
	May 2018	28	20	9313.85	76
	Jun 2018	42	22	9324.79	96
	Jul 2018	20	22	9323.82	94
	Aug 2018	10	20	9318.56	84

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September 2016 24-Month Study

Most Probable Inflow*

Blue Mesa Reservoir

	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Sep 2015	39	50	1	95	0	95	7507.65	726
	WY 2015	**1042**	**1047**	**9**	**835**	**72**	**912**		
H	Oct 2015	33	34	1	87	0	87	7501.39	673
I	Nov 2015	30	31	0	45	0	45	7499.64	658
S	Dec 2015	27	28	0	62	0	62	7495.46	624
T	Jan 2016	27	27	0	61	0	61	7491.12	590
O	Feb 2016	26	27	0	59	0	58	7487.04	559
R	Mar 2016	41	42	0	36	0	37	7487.62	563
I	Apr 2016	75	72	1	63	0	63	7488.62	571
C	May 2016	161	155	1	134	19	153	7488.74	572
A	Jun 2016	285	265	1	46	0	46	7514.84	788
L	Jul 2016	81	91	2	112	0	112	7512.31	766
*	Aug 2016	57	65	1	110	0	110	7506.94	720
	Sep 2016	35	42	1	96	0	96	7500.43	665
	WY 2016	**879**	**878**	**9**	**910**	**19**	**930**		
	Oct 2016	35	35	1	65	0	65	7496.71	635
	Nov 2016	30	30	0	35	0	35	7496.07	629
	Dec 2016	26	27	0	78	0	78	7489.62	578
	Jan 2017	23	24	0	44	0	44	7487.02	558
	Feb 2017	19	21	0	28	0	28	7486.09	551
	Mar 2017	31	33	0	35	0	35	7485.79	549
	Apr 2017	65	64	1	52	0	52	7487.26	560
	May 2017	191	179	1	162	0	162	7489.33	576
	Jun 2017	250	227	1	66	0	66	7508.85	736
	Jul 2017	93	99	2	83	0	83	7510.49	750
	Aug 2017	49	61	1	96	0	96	7506.33	714
	Sep 2017	38	48	1	101	0	101	7499.88	660
	WY 2017	**850**	**848**	**9**	**844**	**0**	**844**		
	Oct 2017	38	40	1	74	0	74	7495.59	626
	Nov 2017	31	32	0	37	0	37	7495.01	621
	Dec 2017	26	27	0	69	0	69	7489.70	579
	Jan 2018	24	26	0	50	0	50	7486.55	555
	Feb 2018	22	25	0	31	0	31	7485.73	549
	Mar 2018	36	38	0	38	0	38	7485.63	548
	Apr 2018	77	74	1	55	0	55	7488.05	566
	May 2018	221	213	1	172	0	172	7493.15	606
	Jun 2018	261	241	1	65	0	65	7513.95	781
	Jul 2018	117	119	2	80	0	80	7518.05	817
	Aug 2018	63	73	1	108	0	108	7514.05	781

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Managing Water in the West

September 2016 24-Month Study

Most Probable Inflow*

Morrow Point Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Sep 2015	39	95	0	95	103	0	103	7143.98	104
	WY 2015	**1095**	**912**	**53**	**965**	**926**	**23**	**972**		
H	Oct 2015	34	87	0	87	93	0	93	7135.56	98
I	Nov 2015	31	45	1	46	47	0	47	7133.97	97
S	Dec 2015	28	62	1	62	46	1	47	7154.01	112
T	Jan 2016	27	61	1	62	64	0	64	7150.69	110
O	Feb 2016	27	58	1	60	61	0	61	7148.82	108
R	Mar 2016	43	37	2	39	36	0	36	7152.74	111
I	Apr 2016	83	63	7	71	71	0	71	7152.57	111
C	May 2016	176	153	15	168	176	4	180	7136.53	99
A	Jun 2016	302	46	18	64	52	0	52	7152.31	111
L	Jul 2016	83	112	2	114	113	0	113	7153.43	112
*	Aug 2016	58	110	1	111	111	0	111	7153.88	112
	Sep 2016	38	96	3	99	99	0	99	7153.73	112
	WY 2016	**930**	**930**	**52**	**981**	**968**	**5**	**973**		
	Oct 2016	37	65	2	67	67	0	67	7153.73	112
	Nov 2016	32	35	2	37	37	0	37	7153.73	112
	Dec 2016	28	78	2	80	80	0	80	7153.73	112
	Jan 2017	25	44	2	46	46	0	46	7153.73	112
	Feb 2017	21	28	2	30	30	0	30	7153.73	112
	Mar 2017	35	35	4	39	39	0	39	7153.73	112
	Apr 2017	71	52	6	58	58	0	58	7153.73	112
	May 2017	215	162	24	186	186	0	186	7153.73	112
	Jun 2017	265	66	15	81	81	0	81	7153.73	112
	Jul 2017	96	83	3	86	86	0	86	7153.73	112
	Aug 2017	50	96	1	97	97	0	97	7153.73	112
	Sep 2017	40	101	2	103	103	0	103	7153.73	112
	WY 2017	**915**	**844**	**65**	**909**	**909**	**0**	**909**		
	Oct 2017	40	74	2	76	76	0	76	7153.73	112
	Nov 2017	33	37	2	39	39	0	39	7153.73	112
	Dec 2017	28	69	2	71	71	0	71	7153.73	112
	Jan 2018	27	50	2	52	52	0	52	7153.73	112
	Feb 2018	25	31	3	33	33	0	33	7153.73	112
	Mar 2018	40	38	4	42	42	0	42	7153.73	112
	Apr 2018	88	55	11	66	66	0	66	7153.73	112
	May 2018	247	172	26	198	198	0	198	7153.73	112
	Jun 2018	281	65	20	85	85	0	85	7153.73	112
	Jul 2018	123	80	6	87	87	0	87	7153.73	112
	Aug 2018	67	108	3	111	111	0	111	7153.73	112

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Managing Water in the West

September 2016 24-Month Study

Most Probable Inflow*

Crystal Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
*	Sep 2015	42	103	3	106	96	11	107	6744.61	15	57	50
	WY 2015	**1201**	**972**	**106**	**1078**	**843**	**171**	**1078**			**393**	**709**
H	Oct 2015	37	93	3	96	0	94	94	6750.81	16	51	44
I	Nov 2015	34	47	3	50	0	50	50	6750.12	16	0	51
S	Dec 2015	32	47	4	51	40	12	52	6747.07	15	1	53
T	Jan 2016	31	64	4	68	67	0	68	6748.20	16	1	69
O	Feb 2016	30	61	3	64	63	0	63	6752.48	17	0	65
R	Mar 2016	48	36	5	41	41	0	41	6752.32	17	2	41
I	Apr 2016	92	71	9	80	80	0	80	6751.41	16	47	36
C	May 2016	194	180	18	198	109	64	197	6753.13	17	51	154
A	Jun 2016	344	52	41	93	74	20	93	6752.00	17	43	53
L	Jul 2016	89	113	6	119	117	2	119	6750.04	16	64	58
*	Aug 2016	62	111	4	114	114	0	114	6749.30	16	62	53
	Sep 2016	44	99	6	105	104	0	104	6753.04	17	55	49
	WY 2016	**1036**	**973**	**106**	**1079**	**809**	**242**	**1076**			**379**	**725**
	Oct 2016	43	67	6	73	73	0	73	6753.04	17	30	43
	Nov 2016	36	37	4	41	41	0	41	6753.04	17	0	41
	Dec 2016	33	80	5	85	85	0	85	6753.04	17	0	85
	Jan 2017	29	46	4	50	50	0	50	6753.04	17	0	50
	Feb 2017	24	30	3	33	33	0	33	6753.04	17	0	33
	Mar 2017	40	39	5	44	44	0	44	6753.04	17	5	39
	Apr 2017	81	58	10	68	68	0	68	6753.04	17	30	38
	May 2017	240	186	25	211	134	77	211	6753.04	17	55	156
	Jun 2017	290	81	25	106	106	0	106	6753.04	17	60	46
	Jul 2017	105	86	9	95	95	0	95	6753.04	17	65	30
	Aug 2017	53	97	3	100	100	0	100	6753.04	17	65	35
	Sep 2017	46	103	6	109	109	0	109	6753.04	17	55	54
	WY 2017	**1020**	**909**	**105**	**1014**	**937**	**77**	**1014**			**365**	**649**
	Oct 2017	46	76	6	82	82	0	82	6753.04	17	30	52
	Nov 2017	38	39	5	43	43	0	43	6753.04	17	0	43
	Dec 2017	32	71	5	75	75	0	75	6753.04	17	0	75
	Jan 2018	31	52	5	57	57	0	57	6753.04	17	0	57
	Feb 2018	29	33	4	37	37	0	37	6753.04	17	0	37
	Mar 2018	46	42	6	48	48	0	48	6753.04	17	5	43
	Apr 2018	101	66	12	79	79	0	79	6753.04	17	30	49
	May 2018	281	198	34	232	134	98	232	6753.04	17	55	177
	Jun 2018	315	85	34	119	119	0	119	6753.04	17	60	59
	Jul 2018	138	87	14	101	101	0	101	6753.04	17	65	36
	Aug 2018	75	111	8	119	119	0	119	6753.04	17	65	54

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Managing Water in the West

September 2016 24-Month Study

Most Probable Inflow*

Vallecito Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Sep 2015	11	29	7645.08	75
	WY 2015	**294**	**285**		
H	Oct 2015	17	15	7645.65	77
I	Nov 2015	11	5	7648.25	83
S	Dec 2015	7	4	7649.57	86
T	Jan 2016	6	7	7649.21	85
O	Feb 2016	7	6	7649.77	86
R	Mar 2016	14	6	7652.71	94
I	Apr 2016	25	13	7657.23	105
C	May 2016	60	44	7663.23	121
A	Jun 2016	77	73	7664.30	124
L	Jul 2016	17	38	7656.15	102
*	Aug 2016	15	33	7648.82	84
	Sep 2016	12	29	7641.18	67
	WY 2016	**267**	**272**		
	Oct 2016	11	16	7638.52	61
	Nov 2016	7	2	7640.93	66
	Dec 2016	6	2	7642.81	70
	Jan 2017	5	2	7644.19	73
	Feb 2017	4	2	7645.18	76
	Mar 2017	6	2	7646.91	80
	Apr 2017	18	2	7653.52	96
	May 2017	67	39	7663.96	123
	Jun 2017	65	65	7663.81	122
	Jul 2017	28	42	7658.45	108
	Aug 2017	18	38	7650.34	88
	Sep 2017	15	30	7643.91	73
	WY 2017	**250**	**240**		
	Oct 2017	14	17	7642.46	70
	Nov 2017	8	2	7645.35	76
	Dec 2017	6	2	7647.26	80
	Jan 2018	5	2	7648.74	84
	Feb 2018	5	2	7649.98	87
	Mar 2018	9	2	7652.68	93
	Apr 2018	23	2	7660.99	115
	May 2018	71	63	7663.97	123
	Jun 2018	70	70	7663.93	123
	Jul 2018	29	42	7658.97	109
	Aug 2018	20	38	7651.63	91

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2016 24-Month Study

Most Probable Inflow*

Navajo Reservoir

	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azetea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Farmington Flow (1000 Ac-Ft)
*	Sep 2015	15	0	33	3	25	33	6063.41	1392	48
	WY 2015	**900**	**90**	**797**	**27**	**170**	**289**			**890**
H	Oct 2015	42	1	40	2	9	29	6063.43	1392	55
I	Nov 2015	37	1	30	1	0	21	6064.00	1400	39
S	Dec 2015	23	0	19	1	0	21	6063.81	1397	34
T	Jan 2016	22	0	23	1	0	22	6063.77	1396	34
O	Feb 2016	42	2	39	1	1	28	6064.39	1405	43
R	Mar 2016	81	7	67	2	4	25	6067.08	1441	52
I	Apr 2016	119	13	94	3	19	22	6070.75	1491	53
C	May 2016	209	26	165	4	12	91	6074.87	1549	175
A	Jun 2016	214	35	174	5	25	250	6067.29	1443	376
L	Jul 2016	24	4	40	5	37	79	6061.29	1364	97
*	Aug 2016	30	4	45	4	33	35	6059.16	1337	54
	Sep 2016	23	1	39	3	28	30	6057.41	1315	53
	WY 2016	**865**	**94**	**775**	**29**	**170**	**653**			**1065**
	Oct 2016	30	1	34	2	17	25	6056.65	1306	46
	Nov 2016	31	1	25	1	3	22	6056.59	1305	38
	Dec 2016	23	0	19	1	0	23	6056.19	1300	37
	Jan 2017	19	0	16	1	0	23	6055.55	1292	35
	Feb 2017	23	0	21	1	0	21	6055.47	1291	31
	Mar 2017	66	2	60	2	5	23	6057.92	1322	39
	Apr 2017	127	14	97	2	20	22	6062.04	1374	63
	May 2017	260	39	193	4	34	96	6066.51	1433	237
	Jun 2017	190	34	156	4	50	230	6056.54	1304	360
	Jul 2017	51	7	57	4	55	29	6054.07	1274	84
	Aug 2017	35	1	53	3	46	37	6051.33	1241	69
	Sep 2017	35	1	49	3	26	29	6050.63	1233	56
	WY 2017	**890**	**100**	**780**	**27**	**257**	**579**			**1094**
	Oct 2017	41	2	42	2	9	23	6051.31	1241	48
	Nov 2017	31	1	24	1	0	22	6051.38	1242	39
	Dec 2017	25	0	20	1	0	23	6051.12	1239	38
	Jan 2018	22	0	18	1	0	23	6050.67	1233	37
	Feb 2018	30	0	27	1	0	21	6051.13	1239	33
	Mar 2018	92	2	84	2	5	23	6055.59	1293	45
	Apr 2018	170	15	134	2	21	22	6062.63	1382	75
	May 2018	277	40	228	4	35	151	6065.55	1420	297
	Jun 2018	224	34	189	4	51	272	6054.73	1282	423
	Jul 2018	66	8	71	4	56	40	6052.35	1253	107
	Aug 2018	45	2	62	3	47	33	6050.48	1231	72

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2016 24-Month Study

Most Probable Inflow*

Lake Powell

	Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry Gage (1000 Ac-Ft)
*	Sep 2015	276	435	49	714	0	714	3606.01	5040	12333	726
	WY 2015	**10174**	**9419**	**368**	**8868**	**132**	**9000**				**9136**
H	Oct 2015	535	680	34	600	0	600	3606.44	5044	12375	609
I	Nov 2015	421	506	32	577	0	577	3605.47	5036	12280	583
S	Dec 2015	266	393	26	857	0	857	3600.80	5000	11827	863
T	Jan 2016	300	433	8	857	0	857	3596.58	4968	11427	865
O	Feb 2016	396	490	8	700	0	700	3594.41	4952	11224	704
R	Mar 2016	553	486	14	694	0	694	3592.18	4935	11019	707
I	Apr 2016	814	681	22	665	0	665	3592.12	4935	11014	681
C	May 2016	2294	1925	26	700	0	700	3603.87	5024	12123	714
A	Jun 2016	2907	2618	46	800	0	800	3620.01	5155	13764	812
L	Jul 2016	595	804	58	950	0	950	3618.22	5140	13576	969
*	Aug 2016	253	432	56	900	0	900	3613.55	5101	13091	920
	Sep 2016	300	466	50	699	0	699	3610.98	5080	12829	712
	WY 2016	**9635**	**9914**	**378**	**9000**	**0**	**9000**				**9140**
	Oct 2016	450	528	35	600	0	600	3609.99	5072	12730	609
	Nov 2016	420	457	33	600	0	600	3608.37	5059	12567	604
	Dec 2016	330	443	26	800	0	800	3604.78	5031	12212	803
	Jan 2017	320	401	8	800	0	800	3600.90	5001	11836	807
	Feb 2017	350	403	8	650	0	650	3598.42	4982	11600	654
	Mar 2017	550	476	14	650	0	650	3596.57	4968	11425	655
	Apr 2017	830	669	22	600	0	600	3597.02	4971	11468	609
	May 2017	2120	1934	28	650	0	650	3609.02	5064	12632	658
	Jun 2017	2580	2357	47	800	0	800	3622.50	5176	14030	807
	Jul 2017	820	734	58	1000	0	1000	3619.68	5152	13730	1016
	Aug 2017	420	529	56	1050	0	1050	3614.57	5109	13195	1065
	Sep 2017	340	460	51	800	0	800	3611.02	5080	12833	813
	WY 2017	**9530**	**9391**	**386**	**9000**	**0**	**9000**				**9102**
	Oct 2017	455	518	35	600	0	600	3609.95	5072	12725	609
	Nov 2017	447	480	33	600	0	600	3608.54	5060	12584	604
	Dec 2017	363	458	26	800	0	800	3605.10	5033	12243	803
	Jan 2018	361	437	8	800	0	800	3601.56	5006	11899	807
	Feb 2018	393	428	8	650	0	650	3599.33	4989	11686	654
	Mar 2018	665	592	14	650	0	650	3598.62	4983	11619	655
	Apr 2018	1056	873	23	600	0	600	3601.06	5002	11851	609
	May 2018	2343	2157	29	650	0	650	3614.81	5111	13220	658
	Jun 2018	2666	2348	49	800	0	800	3627.80	5222	14608	807
	Jul 2018	1091	979	61	1000	0	1000	3627.12	5216	14533	1016
	Aug 2018	500	591	59	1050	0	1050	3622.72	5178	14053	1065

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2016 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Glen Release (1000 Ac-Ft)	Side Inflow Glen to Hoover (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Sep 2015	714	72	58	723	12.1	24	722	641	1078.10	9854
	WY 2015	**9000**	**722**	**540**	**9246**		**221**	**9215**			
H	Oct 2015	600	118	42	578	9.4	20	577	645	1078.99	9927
I	Nov 2015	577	41	42	631	10.6	12	630	641	1078.23	9865
S	Dec 2015	857	43	36	619	10.1	9	618	656	1080.91	10087
T	Jan 2016	857	89	30	662	10.8	8	661	671	1083.68	10318
O	Feb 2016	700	81	28	699	12.2	10	698	673	1084.17	10360
R	Mar 2016	694	31	31	1008	16.4	18	1007	653	1080.45	10048
I	Apr 2016	665	68	38	1055	17.7	18	1055	630	1076.13	9693
C	May 2016	700	50	43	887	14.4	22	885	618	1073.80	9504
A	Jun 2016	800	14	51	920	15.5	28	919	606	1071.64	9330
L	Jul 2016	950	70	64	831	13.5	30	840	612	1072.75	9419
*	Aug 2016	900	106	69	701	11.4	28	700	625	1075.17	9615
	Sep 2016	699	112	57	710	11.9	19	710	627	1075.47	9639
	WY 2016	**9000**	**822**	**531**	**9300**		**220**	**9300**			
	Oct 2016	600	69	42	545	8.9	21	545	630	1076.17	9696
	Nov 2016	600	56	42	582	9.8	12	582	632	1076.41	9716
	Dec 2016	800	54	36	576	9.4	7	576	646	1079.10	9937
	Jan 2017	800	62	30	744	12.1	8	744	651	1080.02	10012
	Feb 2017	650	73	27	723	13.0	7	723	649	1079.63	9981
	Mar 2017	650	55	30	1037	16.9	15	1037	626	1075.31	9626
	Apr 2017	600	53	37	1113	18.7	21	1113	594	1069.25	9140
	May 2017	650	37	42	1006	16.4	29	1006	570	1064.59	8775
	Jun 2017	800	21	49	900	15.1	29	900	561	1062.67	8627
	Jul 2017	1000	78	62	855	13.9	31	855	569	1064.26	8749
	Aug 2017	1050	124	66	775	12.6	29	775	587	1067.92	9035
	Sep 2017	800	112	55	744	12.5	16	744	593	1069.08	9127
	WY 2017	**9000**	**795**	**518**	**9598**		**224**	**9598**			
	Oct 2017	600	69	41	444	7.2	20	444	603	1071.02	9280
	Nov 2017	600	56	41	585	9.8	11	585	604	1071.24	9299
	Dec 2017	800	54	35	533	8.7	7	533	621	1074.50	9560
	Jan 2018	800	62	29	691	11.2	15	691	629	1075.97	9680
	Feb 2018	650	73	27	662	11.9	17	662	630	1076.15	9695
	Mar 2018	650	55	30	1006	16.4	23	1006	609	1072.05	9363
	Apr 2018	600	53	36	1055	17.7	26	1055	580	1066.53	8926
	May 2018	650	37	41	960	15.6	32	960	559	1062.35	8602
	Jun 2018	800	21	49	918	15.4	32	918	548	1060.16	8435
	Jul 2018	1000	78	61	831	13.5	32	831	558	1062.05	8580
	Aug 2018	1050	124	66	741	12.1	29	741	578	1066.17	8898

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2016 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Sep 2015	723	-16	18	758	0	758	12.7	639.56	1606
	WY 2015	**9246**	**-142**	**198**	**8945**	**0**	**8945**			
H	Oct 2015	578	-7	15	655	0	655	10.7	635.80	1507
I	Nov 2015	631	-14	10	599	0	599	10.1	636.11	1514
S	Dec 2015	619	-13	9	527	0	527	8.6	638.77	1585
T	Jan 2016	662	-32	10	553	0	553	9.0	641.26	1651
O	Feb 2016	699	-20	10	675	0	675	11.7	641.04	1645
R	Mar 2016	1008	-16	13	921	0	921	15.0	643.17	1703
I	Apr 2016	1055	-18	17	979	0	979	16.4	644.70	1746
C	May 2016	887	-6	22	903	0	903	14.7	643.07	1701
A	Jun 2016	920	-16	26	838	0	838	14.1	644.53	1741
L	Jul 2016	831	-24	26	803	0	803	13.1	643.75	1719
*	Aug 2016	701	-12	23	714	0	714	11.6	642.00	1671
	Sep 2016	710	-9	18	737	0	737	12.4	640.01	1617
	WY 2016	**9300**	**-185**	**198**	**8904**	**0**	**8904**			
	Oct 2016	545	-1	15	661	0	661	10.7	635.00	1486
	Nov 2016	582	-8	10	564	0	564	9.5	635.00	1486
	Dec 2016	576	-12	9	457	0	457	7.4	638.71	1583
	Jan 2017	744	-14	10	637	0	637	10.4	641.80	1666
	Feb 2017	723	-14	10	699	0	699	12.6	641.80	1666
	Mar 2017	1037	-16	13	975	0	975	15.8	643.05	1700
	Apr 2017	1113	-19	17	1079	0	1079	18.1	643.00	1699
	May 2017	1006	-13	22	970	0	970	15.8	643.00	1699
	Jun 2017	900	-16	25	886	0	886	14.9	642.00	1671
	Jul 2017	855	-13	25	830	0	830	13.5	641.50	1658
	Aug 2017	775	-11	23	741	0	741	12.0	641.50	1658
	Sep 2017	744	-9	18	757	0	757	12.7	640.01	1617
	WY 2017	**9598**	**-146**	**197**	**9255**	**0**	**9255**			
	Oct 2017	444	-1	15	612	0	612	9.9	633.00	1434
	Nov 2017	585	-8	10	516	0	516	8.7	635.00	1486
	Dec 2017	533	-12	9	415	0	415	6.7	638.71	1583
	Jan 2018	691	-14	10	584	0	584	9.5	641.80	1666
	Feb 2018	662	-14	10	639	0	639	11.5	641.80	1666
	Mar 2018	1006	-16	13	943	0	943	15.3	643.05	1700
	Apr 2018	1055	-19	17	1021	0	1021	17.2	643.00	1699
	May 2018	960	-13	22	924	0	924	15.0	643.00	1699
	Jun 2018	918	-16	25	903	0	903	15.2	642.00	1671
	Jul 2018	831	-13	25	806	0	806	13.1	641.50	1658
	Aug 2018	741	-11	23	707	0	707	11.5	641.50	1658

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2016 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	Sep 2015	758	19	15	487	8.2	104	168	448.04	581	90	1.5
	WY 2015	**8945**	**179**	**140**	**6135**		**1195**	**1566**			**1510**	
H	Oct 2015	655	34	12	458	7.5	101	115	447.88	578	59	1.0
I	Nov 2015	599	11	9	385	6.5	98	120	447.57	572	93	1.6
S	Dec 2015	527	22	7	321	5.2	101	130	446.92	560	105	1.7
T	Jan 2016	553	26	6	324	5.3	97	156	446.60	554	154	2.5
O	Feb 2016	675	10	8	543	9.4	13	117	446.50	552	180	3.1
R	Mar 2016	921	18	9	695	11.3	89	123	447.40	569	221	3.6
I	Apr 2016	979	18	11	689	11.6	93	169	448.89	597	202	3.4
C	May 2016	903	13	13	636	10.3	97	176	448.08	581	97	1.6
A	Jun 2016	838	18	15	633	10.6	95	89	448.81	596	92	1.5
L	Jul 2016	803	20	17	617	10.0	100	74	449.03	600	102	1.7
*	Aug 2016	714	23	17	570	9.3	85	65	448.50	590	99	1.6
	Sep 2016	737	23	15	522	8.8	89	137	447.80	576	91	1.5
	WY 2016	**8904**	**236**	**140**	**6392**		**1058**	**1470**			**1496**	
	Oct 2016	661	27	12	468	7.6	77	130	447.50	571	61	1.0
	Nov 2016	564	22	9	364	6.1	68	138	447.50	570	97	1.6
	Dec 2016	457	19	7	276	4.5	70	138	446.50	552	106	1.7
	Jan 2017	637	13	6	388	6.3	97	154	446.50	552	154	2.5
	Feb 2017	699	12	8	485	8.7	67	143	446.50	552	180	3.2
	Mar 2017	975	4	9	724	11.8	85	150	446.70	555	206	3.4
	Apr 2017	1079	19	11	761	12.8	95	182	448.70	593	192	3.2
	May 2017	970	16	13	675	11.0	97	189	448.70	593	97	1.6
	Jun 2017	886	14	16	688	11.6	95	87	448.70	593	98	1.6
	Jul 2017	830	29	17	655	10.7	97	90	448.00	580	99	1.6
	Aug 2017	741	26	17	558	9.1	97	91	447.50	571	99	1.6
	Sep 2017	757	23	15	507	8.5	95	153	447.50	570	89	1.5
	WY 2017	**9255**	**224**	**139**	**6549**		**1041**	**1644**			**1477**	
	Oct 2017	612	27	12	466	7.6	46	108	447.50	571	68	1.1
	Nov 2017	516	22	9	370	6.2	46	108	447.50	571	103	1.7
	Dec 2017	415	19	7	288	4.7	46	108	446.50	552	115	1.9
	Jan 2018	584	13	6	380	6.2	100	106	446.50	552	150	2.4
	Feb 2018	639	12	8	478	8.6	57	99	446.50	552	175	3.1
	Mar 2018	943	4	9	720	11.7	83	124	446.70	555	199	3.2
	Apr 2018	1021	19	11	759	12.8	97	124	448.70	593	185	3.1
	May 2018	924	16	13	678	11.0	100	137	448.70	593	93	1.5
	Jun 2018	903	14	16	691	11.6	97	99	448.70	593	94	1.6
	Jul 2018	806	29	17	656	10.7	100	62	448.00	580	95	1.5
	Aug 2018	707	26	17	556	9.0	100	56	447.50	571	96	1.6

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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September 2016 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Sep 2015	723	12.1	1078.10	9854	-17	435.36	1563.0	275.2	100	380.7
	WY 2015	**9246**							**3596.9**		
H	Oct 2015	578	9.4	1078.99	9927	73	435.13	1088.0	221.8	70	383.6
I	Nov 2015	631	10.6	1078.23	9865	-63	433.49	1088.0	244.8	70	387.9
S	Dec 2015	619	10.1	1080.91	10087	222	434.77	1069.0	241.9	68	390.9
T	Jan 2016	662	10.8	1083.68	10318	232	438.04	775.0	258.5	49	390.7
O	Feb 2016	699	12.2	1084.17	10360	41	437.39	880.0	277.0	55	396.1
R	Mar 2016	1008	16.4	1080.45	10048	-311	434.20	973.0	402.7	61	399.7
I	Apr 2016	1055	17.7	1076.13	9693	-355	429.37	1244.0	413.9	80	392.2
C	May 2016	887	14.4	1073.80	9504	-189	426.83	1164.0	343.6	74	387.5
A	Jun 2016	920	15.5	1071.64	9330	-174	425.27	1528.0	349.7	100	380.2
L	Jul 2016	831	13.5	1072.75	9419	89	427.46	1528.0	311.5	100	374.8
*	Aug 2016	701	11.4	1075.17	9615	196	431.00	1549.0	265.2	100	378.4
	Sep 2016	710	11.9	1075.47	9639	24	423.18	1539.0	268.4	100	378.3
	WY 2016	**9300**							**3599.0**		
	Oct 2016	545	8.9	1076.17	9696	57	429.84	990.0	207.7	64	380.9
	Nov 2016	582	9.8	1076.41	9716	20	431.33	1078.0	224.5	69	386.1
	Dec 2016	576	9.4	1079.10	9937	221	429.62	1374.0	218.5	88	379.6
	Jan 2017	744	12.1	1080.02	10012	76	429.83	1284.0	288.0	82	387.3
	Feb 2017	723	13.0	1079.63	9981	-32	429.54	1216.0	282.7	77	391.3
	Mar 2017	1037	16.9	1075.31	9626	-354	426.48	1242.0	401.4	80	387.0
	Apr 2017	1113	18.7	1069.25	9140	-486	420.87	1225.0	430.9	81	387.0
	May 2017	1006	16.4	1064.59	8775	-365	415.67	1190.0	377.3	80	375.2
	Jun 2017	900	15.1	1062.67	8627	-148	410.64	1477.0	331.9	100	368.7
	Jul 2017	855	13.9	1064.26	8749	122	410.96	1487.0	319.2	100	373.4
	Aug 2017	775	12.6	1067.92	9035	286	413.72	1509.0	288.3	100	372.2
	Sep 2017	744	12.5	1069.08	9127	91	416.59	1517.0	278.5	100	374.5
	WY 2017	**9598**							**3648.9**		
	Oct 2017	444	7.2	1071.02	9280	154	422.94	1138.0	167.1	75	375.9
	Nov 2017	585	9.8	1071.24	9299	18	427.09	1025.0	224.3	67	383.3
	Dec 2017	533	8.7	1074.50	9560	261	426.77	1062.0	200.6	69	376.1
	Jan 2018	691	11.2	1075.97	9680	120	425.54	1260.1	262.4	82	380.0
	Feb 2018	662	11.9	1076.15	9695	15	425.81	1195.7	254.2	77	383.9
	Mar 2018	1006	16.4	1072.05	9363	-332	423.14	1222.4	384.3	80	382.1
	Apr 2018	1055	17.7	1066.53	8926	-436	417.91	1206.8	402.6	81	381.4
	May 2018	960	15.6	1062.35	8602	-324	413.21	1173.9	361.2	80	376.4
	Jun 2018	918	15.4	1060.16	8435	-167	408.28	1454.5	337.1	100	367.3
	Jul 2018	831	13.5	1062.05	8580	144	408.63	1465.2	307.6	100	370.1
	Aug 2018	741	12.1	1066.17	8898	318	411.76	1488.4	273.1	100	368.5

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2016 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Sep 2015	758	12.7	639.56	1606	-69	137.76	255.0	95.5	100	126.0
	WY 2015	**8945**							**1122.4**		
H	Oct 2015	655	10.7	635.80	1507	-99	136.05	211.7	81.6	83	124.5
I	Nov 2015	599	10.1	636.11	1514	8	136.53	165.8	72.5	65	121.0
S	Dec 2015	527	8.6	638.77	1585	70	135.98	155.6	65.1	61	123.6
T	Jan 2016	553	9.0	641.26	1651	67	141.86	163.2	71.9	64	129.9
O	Feb 2016	675	11.7	641.04	1645	-6		178.5	86.3	70	127.8
R	Mar 2016	921	15.0	643.17	1703	58	139.07	214.2	117.9	84	128.0
I	Apr 2016	979	16.4	644.70	1746	42	143.66	255.0	125.4	100	128.2
C	May 2016	903	14.7	643.07	1701	-45	141.63	252.5	115.5	99	127.8
A	Jun 2016	838	14.1	644.53	1741	40	143.17	255.0	107.4	100	128.1
L	Jul 2016	803	13.1	643.75	1719	-22	144.39	252.5	103.3	99	128.6
*	Aug 2016	714	11.6	642.00	1671	-48	142.46	255.0	91.6	100	128.4
	Sep 2016	737	12.4	640.01	1617	-54	133.95	255.0	91.6	100	124.3
	WY 2016	**8904**							**1130.0**		
	Oct 2016	661	10.7	635.00	1486	-132	132.15	191.3	80.5	75	121.8
	Nov 2016	564	9.5	635.00	1486	0	130.21	170.9	67.6	67	120.0
	Dec 2016	457	7.4	638.71	1583	97	132.23	168.3	56.0	66	122.4
	Jan 2017	637	10.4	641.80	1666	83	134.39	211.7	79.2	83	124.4
	Feb 2017	699	12.6	641.80	1666	0	136.69	188.7	87.4	74	125.0
	Mar 2017	975	15.8	643.05	1700	34	137.24	191.3	121.3	75	124.5
	Apr 2017	1079	18.1	643.00	1699	-2	136.07	255.0	134.2	100	124.4
	May 2017	970	15.8	643.00	1699	0	136.04	255.0	121.3	100	125.0
	Jun 2017	886	14.9	642.00	1671	-27	135.51	255.0	110.6	100	124.9
	Jul 2017	830	13.5	641.50	1658	-14	134.73	255.0	103.4	100	124.6
	Aug 2017	741	12.0	641.50	1658	0	134.46	255.0	92.5	100	124.9
	Sep 2017	757	12.7	640.01	1617	-40	133.68	255.0	93.9	100	124.0
	WY 2017	**9255**							**1147.9**		
	Oct 2017	612	9.9	633.00	1434	-183	130.77	201.5	74.1	79	121.2
	Nov 2017	516	8.7	635.00	1486	51	129.16	170.9	61.6	67	119.4
	Dec 2017	415	6.7	638.71	1583	97	132.23	168.3	50.9	66	122.7
	Jan 2018	584	9.5	641.80	1666	83	134.39	211.7	72.8	83	124.7
	Feb 2018	639	11.5	641.80	1666	0	136.69	188.7	80.1	74	125.4
	Mar 2018	943	15.3	643.05	1700	34	137.24	191.3	117.5	75	124.7
	Apr 2018	1021	17.2	643.00	1699	-2	136.07	255.0	127.3	100	124.6
	May 2018	924	15.0	643.00	1699	0	136.04	255.0	115.8	100	125.3
	Jun 2018	903	15.2	642.00	1671	-27	135.51	255.0	112.7	100	124.8
	Jul 2018	806	13.1	641.50	1658	-14	134.73	255.0	100.6	100	124.8
	Aug 2018	707	11.5	641.50	1658	0	134.46	255.0	88.5	100	125.1

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2016 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Sep 2015	487	8.2	448.04	581	-5	82.23	120.0	34.6	100	71.1
	WY 2015	**6135**							**430.7**		
H	Oct 2015	458	7.5	447.88	578	-3	81.97	91.2	32.3	76	70.6
I	Nov 2015	385	6.5	447.57	572	-6	83.21	96.0	27.1	80	70.3
S	Dec 2015	321	5.2	446.92	560	-12	82.51	120.0	21.9	100	68.4
T	Jan 2016	324	5.3	446.60	554	-6	80.76	94.8	22.3	79	68.8
O	Feb 2016	528	9.4	446.50	552	-2	78.54	87.6	38.1	73	72.2
R	Mar 2016	695	11.3	447.40	569	17	81.63	104.4	48.9	87	70.3
I	Apr 2016	689	11.6	448.89	597	28	83.09	120.0	48.4	100	70.3
C	May 2016	636	10.3	448.08	581	-15	82.13	120.0	45.1	100	70.9
A	Jun 2016	633	10.6	448.81	596	14	83.02	120.0	44.8	100	70.8
L	Jul 2016	617	10.0	449.03	600	4	83.16	120.0	43.7	100	70.9
*	Aug 2016	570	9.3	448.50	590	-10	82.60	120.0	40.2	100	70.7
	Sep 2016	522	8.8	447.80	576	-13	75.52	120.0	34.2	100	65.5
	WY 2016	**6377**							**447.0**		
	Oct 2016	468	7.6	447.50	571	-6	75.89	100.8	30.7	84	65.5
	Nov 2016	364	6.1	447.50	570	0	75.92	97.2	23.6	81	64.8
	Dec 2016	276	4.5	446.50	552	-19	74.40	120.0	17.2	100	62.5
	Jan 2017	388	6.3	446.50	552	0	75.13	93.6	25.0	78	64.5
	Feb 2017	485	8.7	446.50	552	0	74.71	102.0	31.6	85	65.1
	Mar 2017	724	11.8	446.70	555	4	74.01	120.0	47.0	100	65.0
	Apr 2017	761	12.8	448.70	593	38	75.08	120.0	50.2	100	65.9
	May 2017	675	11.0	448.70	593	0	76.05	120.0	44.8	100	66.4
	Jun 2017	688	11.6	448.70	593	0	76.05	120.0	45.8	100	66.5
	Jul 2017	655	10.7	448.00	580	-13	75.71	120.0	43.3	100	66.1
	Aug 2017	558	9.1	447.50	571	-9	75.13	120.0	36.4	100	65.3
	Sep 2017	507	8.5	447.50	570	0	74.89	120.0	32.9	100	65.0
	WY 2017	**6549**							**428.6**		
	Oct 2017	466	7.6	447.50	571	0	75.74	100.8	30.5	84	65.4
	Nov 2017	370	6.2	447.50	571	0	75.92	97.2	24.0	81	64.9
	Dec 2017	288	4.7	446.50	552	-19	74.40	120.0	18.1	100	62.6
	Jan 2018	380	6.2	446.50	552	0	74.89	98.4	24.4	82	64.2
	Feb 2018	478	8.6	446.50	552	0	75.07	94.8	31.2	79	65.4
	Mar 2018	720	11.7	446.70	555	4	74.01	120.0	46.8	100	65.0
	Apr 2018	759	12.8	448.70	593	38	75.08	120.0	50.1	100	65.9
	May 2018	678	11.0	448.70	593	0	76.05	120.0	45.0	100	66.4
	Jun 2018	691	11.6	448.70	593	0	76.05	120.0	45.9	100	66.5
	Jul 2018	656	10.7	448.00	580	-13	75.71	120.0	43.3	100	66.1
	Aug 2018	556	9.0	447.50	571	-9	75.13	120.0	36.3	100	65.3

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2016 24-Month Study

Most Probable Inflow*

Upper Basin Power

	Date	Glen Canyon 1000 MWHR	Flaming Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Reservoir 1000 MWHR	Fontenelle Reservoir 1000 MWHR
*	Sep 2015	317	40	28	37	18	0
	Summer 2015	**2049**	**256**	**173**	**241**	**111**	**39**
H	Oct 2015	264	52	26	32	0	4
I	Nov 2015	256	52	13	15	0	4
S	Dec 2015	378	53	18	16	7	4
T	Jan 2016	373	52	17	22	13	3
O	Feb 2016	302	45	16	21	12	4
R	Mar 2016	298	20	10	11	7	4
	Winter 2016	**1871**	**274**	**100**	**118**	**38**	**23**
I	Apr 2016	288	19	18	25	16	4
C	May 2016	305	20	38	61	21	7
A	Jun 2016	360	105	14	18	15	9
L	Jul 2016	435	46	34	40	22	6
*	Aug 2016	408	44	33	39	22	6
	Sep 2016	282	39	29	36	18	5
	Summer 2016	**2077**	**272**	**166**	**218**	**113**	**36**
	Oct 2016	241	31	20	24	13	5
	Nov 2016	241	35	10	13	7	4
	Dec 2016	319	37	23	29	15	4
	Jan 2017	317	37	13	17	9	4
	Feb 2017	256	33	8	11	6	3
	Mar 2017	254	18	10	14	8	4
	Winter 2017	**1629**	**191**	**84**	**107**	**56**	**25**
	Apr 2017	235	17	15	21	12	5
	May 2017	258	41	47	67	23	6
	Jun 2017	325	54	20	29	18	8
	Jul 2017	412	33	26	31	16	10
	Aug 2017	429	33	30	35	17	8
	Sep 2017	323	32	31	37	19	7
	Summer 2017	**1981**	**208**	**169**	**220**	**106**	**43**
	Oct 2017	241	33	22	27	14	6
	Nov 2017	241	31	11	14	7	6
	Dec 2017	319	33	20	25	13	6
	Jan 2018	317	32	15	19	10	5
	Feb 2018	256	29	9	12	6	4
	Mar 2018	255	32	11	15	8	5
	Winter 2018	**1119**	**129**	**68**	**86**	**45**	**23**
	Apr 2018	236	31	16	24	14	6
	May 2018	260	58	51	71	23	7
	Jun 2018	329	49	20	31	21	9
	Jul 2018	417	36	25	31	17	10
	Aug 2018	436	36	34	40	21	10

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2016 24-Month Study

Most Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions

Date	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Total KAF	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****CREDITABLE SPACE****										
Sep 2016	576	110	359	11231	12276	17762	30038	576	110	359	1045	11231	17762	30038	2270	710	0	30.3
Oct 2016	657	165	381	11493	12695	17738	30434	657	165	381	1202	11493	17738	30434	3040	545	0	30.0
Nov 2016	699	195	390	11592	12876	17681	30557	699	195	390	1284	11592	17681	30557	3810	582	0	29.8
Dec 2016	739	200	391	11755	13086	17661	30747	739	200	391	1331	11755	17661	30747	4580	576	0	29.7
Jan 2017	802	251	396	12110	13558	17440	30998	802	251	396	1449	12110	17440	30998	5350	744	0	29.4
								****EFFECTIVE SPACE****										
Jan 2017	802	251	396	12110	13558	17440	30998	363	202	157	721	12110	17440	30271	5350	744	0	29.4
Feb 2017	859	271	404	12486	14020	17365	31384	419	223	164	806	12486	17365	30656	1500	723	0	29.0
Mar 2017	907	278	405	12722	14312	17396	31709	466	232	164	861	12722	17396	30980	1500	1037	0	28.6
Apr 2017	870	280	374	12897	14422	17751	32173	423	236	127	786	12897	17751	31433	1500	1113	0	28.3
May 2017	801	269	322	12854	14246	18237	32483	346	223	52	621	12854	18237	31711	1500	1006	0	29.3
Jun 2017	744	253	263	11690	12951	18602	31553	279	194	-45	428	11690	18602	30720	1500	900	0	30.7
Jul 2017	593	94	392	10292	11371	18750	30121	116	10	29	154	10292	18750	29197	1500	855	0	30.6
								****CREDITABLE SPACE****										
Aug 2017	495	79	422	10592	11589	18628	30217	495	79	422	997	10592	18628	30217	1500	775	0	30.2
Sep 2017	523	115	455	11127	12220	18342	30561	523	115	455	1093	11127	18342	30561	2270	744	0	29.8
Oct 2017	571	169	463	11489	12692	18250	30943	571	169	463	1204	11489	18250	30943	3040	444	0	29.6
Nov 2017	613	204	455	11597	12868	18097	30965	613	204	455	1272	11597	18097	30965	3810	585	0	29.4
Dec 2017	653	209	454	11738	13054	18078	31132	653	209	454	1316	11738	18078	31132	4580	533	0	29.3
Jan 2018	709	250	457	12079	13496	17817	31313	709	250	457	1417	12079	17817	31313	5350	691	0	29.1
								****EFFECTIVE SPACE****										
Jan 2018	709	250	457	12079	13496	17817	31313	429	250	200	880	12079	17817	30776	5350	691	0	29.1
Feb 2018	760	275	463	12423	13920	17697	31617	478	275	205	958	12423	17697	31078	1500	662	0	28.9
Mar 2018	798	281	457	12636	14172	17682	31854	514	281	199	994	12636	17682	31312	1500	1006	0	28.6
Apr 2018	789	282	403	12703	14177	18014	32192	501	282	138	921	12703	18014	31638	1500	1055	0	28.6
May 2018	749	263	314	12471	13798	18451	32248	454	263	26	743	12471	18451	31665	1500	960	0	29.8
Jun 2018	673	223	276	11102	12274	18775	31049	368	223	-51	540	11102	18775	30417	1500	918	0	31.3
Jul 2018	434	49	414	9714	10610	18942	29552	112	37	31	180	9714	18942	28835	1500	831	0	31.4
								****CREDITABLE SPACE****										
Aug 2018	341	12	443	9789	10584	18797	29381	341	12	443	795	9789	18797	29381	1500	741	0	31.1

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3016

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November 24-Month Study
Date: November 14, 2016

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

Reservoir	October Inflow (unregulated) (acre-feet)	Percent of Average (%)	November 13, Midnight Elevation (feet)	November 13, Reservoir Storage (acre-feet)
Fontenelle	57,000	45	6,491.23	235,000
Flaming Gorge	70,000	43	6,025.57	3,181,000
Blue Mesa	32,000	69	7,493.02	605,000
Navajo	11,000	4	6,056.02	1,298,000
Powell	381,000	55	3,606.53	12,384,000

Expected Operations

The operation of Lake Powell and Lake Mead in this November 2016 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines) and reflects the 2016 Annual Operating Plan (AOP) and the draft 2017 AOP. Pursuant to the Interim Guidelines, the August 2016 24-Month Study projections of the January 1, 2017, system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2017.

Consistent with Section 6.B of the Interim Guidelines, Lake Powell's operations in water year 2017 will be governed by the Upper Elevation Balancing Tier, with an initial water year release volume of 8.23 maf and the potential for an April adjustment to equalization or balancing releases in April 2017. This November 2016 24-Month Study indicates that, consistent with Section 6.B.4 of the Interim Guidelines, an April adjustment to balancing releases is projected to occur and Lake Powell is projected to release 9.0 maf in water year 2017.

Consistent with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar years 2016 and 2017.

The 2017 operational tier determinations will be documented in the 2017 AOP, which is currently in the final stages of development.

The Interim Guidelines are available for download at:
http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The 2016 AOP is available for download at:
http://www.usbr.gov/lc/region/g4000/aop/AOP16.pdf.
The draft 2017 AOP is available for download at:
http://www.usbr.gov/uc/water/rsvrs/ops/aop/2017AOP_2016-09-02_Consultation-3.pdf.

Fontenelle Reservoir – Fontenelle Reservoir is currently at elevation 6491 feet above sea level (feet), which amounts to 68 percent of live storage capacity. Inflows for the month of October totaled 57,000 acre-feet (af), or 117 percent of average. Above average inflows are forecasted over the next few months and releases have been increased in order to meet the spring elevation target. Releases have been increased to base flow levels of 1,025 cubic feet per second (cfs) and are forecasted to remain at this level through the winter, subject to hydrology.

The Colorado Basin River Forecast Center has forecasted spring inflows that are above average. November, December January forecasted inflow volumes amount to 58,000 af (138 percent of average), 38,000 af (119 percent of average), and 30,000 af (99 percent of average), respectively.

The next Fontenelle Working Group meeting is scheduled for 10:00 a.m., April 19, 2017. The meeting will be held at Seedskadee Wildlife Refuge Headquarters, Wyoming. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir.

Flaming Gorge Reservoir – Flaming Gorge Dam is currently 1,300 cubic cfs. Releases are anticipated to increase to 1,800 cfs during the December through February base flow period.

Unregulated inflow into Flaming Gorge Reservoir during the month of October was 70,000 af, or 119 percent of average. The reservoir elevation is 6,025.6 feet (85 percent of live capacity) and decreasing.

The November final forecast for inflows for the next three months projects above average conditions: November, December and January forecasted inflow volumes at 70,000 af (137 percent of average), 39,000 af (112 percent of average), and 43,000 af (112 percent of average), respectively.

The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stakeholders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations and plans presented by Reclamation at these meetings. Meeting notes from past Working Group meetings are posted on the

Working Group webpage. For more information on this group and these meetings please contact Dale Hamilton at 801-379-1186 or Heather Patno at 801-524-3883.

Reclamation will be holding the Flaming Gorge Working Group meeting on Thursday, April 20, 2017, at 10:00 a.m. at the Utah Division of Wildlife Resources offices located at 318 North Vernal Avenue, Vernal, Utah.

Aspinall Unit Reservoirs – Crystal Dam is currently releasing 600 cfs and the Gunnison Tunnel diversion is shut down for the 2016 irrigation season. The average flow through the Black Canyon is measuring approximately 600 cfs at the stream gage below Gunnison Tunnel. The October unregulated inflow to Blue Mesa Reservoir was 32,500 af (105 percent of average) which was slightly below the forecasted volume of 34,000 af (89 percent of average). The end of October reservoir elevation for Blue Mesa was 7493.44 feet. The peak elevation of Blue Mesa Reservoir for Water Year 2016 occurred on July 7, 2016 when the elevation reached 7515.98 feet above sea level. This elevation corresponds to a live storage level of 799,000 acre-feet (96 percent of full capacity).

Inflows to Blue Mesa for the next three months are projected to be below average: with November, December and January forecasted unregulated inflow volumes of 27,000 af (87 percent of average), 25,000 af (96 percent of average) and 23,000 af (96 percent of average), respectively.

The Aspinall Unit Working Group is an open public forum for information exchange between Reclamation and the stakeholders of the Aspinall Unit. The public is encouraged to attend and comments on the operations and plans presented by Reclamation at these meetings. Meeting notes from past working Group meetings are posted on the Working Group webpage. For more information on this group and these meetings please contact Erik Knight in the Grand Junction Area Office at (970) 248-0629.

The next meeting of the Aspinall Unit Working Group will be held on Thursday, January 19, 2017 at 1:00 pm at the Holiday Inn Express located in Montrose, Colorado.

Navajo Reservoir – As of November 2, 2016, Navajo reservoir elevation was 6056.1 feet (1.299 maf live storage) and is releasing 400 cfs. Releases are made for the authorized purposes of the Navajo Unit, and pursuant to the 2006 Record of Decision, in an attempt to maintain a target base flow through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell). The San Juan River Basin Recovery Implementation Program (SJRIP) recommends a target base flow of between 500 cfs and 1,000 cfs through the critical habitat area. The target base flow is calculated as the weekly average of gaged flows throughout the critical habitat area.

Modified unregulated inflow into Navajo during the month of October was 27,000 af, which was 58 percent of average. The total April-July modified unregulated inflow into Navajo for 2016 was 566,000 af (77 percent of average).

Inflows for the next three months are projected to be below average: with November, December, and January forecasted inflow volumes at 21,000 af (63 percent of average), 20,000 af (63 percent of average), and 18,000 af (82 percent of average), respectively.

Releases will be made to maintain target baseflows in the critical habitat reach for the remainder of the year.

Reclamation conducts Public Operations Meetings three times per year to gather input for determining upcoming operations for Navajo Reservoir. Input from individuals, organizations, and agencies along with other factors such as weather, water rights, endangered species requirements, flood control, hydropower, recreation, fish and wildlife management, and reservoir levels, will be considered in the development of these reservoir operation plans. In addition, the meetings are used to coordinate activities and exchange information among agencies, water users, and other interested parties concerning the San Juan River and Navajo Reservoir.

The next Navajo Public Operations Meeting is scheduled for January 24, 2017, at 1:00 pm at the Farmington Civic Center, Farmington, NM.

Glen Canyon Dam / Lake Powell

Current Status

The unregulated inflow volume to Lake Powell in October was 381 thousand acre-feet (kaf) (74 percent of average). The release volume from Glen Canyon Dam in October was 601 kaf. The end of October elevation and storage of Lake Powell were 3,609.48 feet (91 feet from full pool) and 12.68 million acre-feet (maf) (52 percent of full capacity), respectively. The reservoir elevation is now declining and is expected to continue to decline until spring 2017.

Current Operations

The operating tier for water year 2017 was established in August 2016 as the Upper Elevation Balancing Tier, with an initial water year release volume of 8.23 maf and the potential for an April adjustment to equalization or balancing releases in April 2017. An April adjustment to balancing releases is projected to occur and Lake Powell is currently projected to release 9.0 maf in water year 2017. Reclamation will schedule operations at Glen Canyon Dam to achieve as practicably as possible the appropriate total annual release volume by September 30, 2017.

On November 7-12, 2016, the Department of Interior conducted a high flow experimental release (HFE) from Glen Canyon Dam in accordance with the High Flow Protocol (Protocol). Under this Protocol, high flow releases are linked to sediment input and other resource conditions below Glen Canyon Dam. This HFE will be the fourth conducted under the Protocol. Beginning on the morning of November 7, 2016, releases from Glen Canyon Dam were increased to full powerplant capacity (approximately 21,000 cfs). At 9:00 am on November 7, 2016, the bypass tubes at Glen Canyon Dam were opened and releases were gradually increased to full powerplant and bypass capacity (approximately

36,000 cfs) by noon on November 7, 2016. Peak releases were maintained at 36,000 cfs for 4 days (96 hours) before being gradually reduced. Releases were reduced to normal operational levels by the early morning hours of November 12, 2016. The entire experiment, including ramping lasted about 5 days. November releases from Glen Canyon Dam prior to and after the HFE will fluctuate for power production between 6,500 cfs and 9,000 cfs each day. The elevation of Lake Powell decreased approximately 2.4 feet during the 5 day experiment. The total release in November, including the HFE, is anticipated to be approximately 744 kaf. The annual release volume from Lake Powell will not change as a result of the HFE.

In December, the release volume will be approximately 800 kaf, with fluctuations anticipated between about 11,000 cfs in the nighttime to about 19,000 cfs in the daytime and consistent with the Glen Canyon Operating Criteria (Federal Register, Volume 62, No. 41, March 3, 1997). The anticipated release volume for January is 800 kaf.

In addition to daily scheduled fluctuations for power generation, the instantaneous releases from Glen Canyon Dam may also fluctuate to provide 40 mega-watts (mw) of system regulation. These instantaneous release adjustments stabilize the electrical generation and transmission system and translate to a range of about 1,200 cfs above or below the hourly scheduled release rate. Under system normal conditions, fluctuations for regulation are typically short lived and generally balance out over the hour with minimal or no noticeable impacts on downstream river flow conditions.

Releases from Glen Canyon Dam can also fluctuate beyond scheduled releases when called upon to respond to unscheduled power outages or power system emergencies. Depending on the severity of the system emergency, the response from Glen Canyon Dam can be significant, within the full range of the operating capacity of the power plant for as long as is necessary to maintain balance in the transmission system. Glen Canyon Dam currently maintains 27 mw (approximately 800 cfs) of generation capacity in reserve in order to respond to a system emergency even when generation rates are already high. System emergencies occur fairly infrequently and typically require small responses from Glen Canyon Dam. However, these responses can have a noticeable impact on the river downstream of Glen Canyon Dam.

Inflow Forecasts and Model Projections

The forecast for water year 2017 unregulated inflow to Lake Powell, issued on November 1, 2016, by the Colorado Basin River Forecast Center, projects that the most probable (median) unregulated inflow volume will be 7.85 maf (72 percent of average based on the period 1981-2010). This is about a 1.4 maf decrease from the forecast issued last month. At this early point in the season, there is significant uncertainty regarding next year's water supply. The forecast ranges from a minimum probable of 6.0 maf (55 percent of average) to a maximum probable of 17.0 maf (157 percent of average). There is 10 percent chance that inflows could be higher than the maximum probable and a 10 percent chance they could be lower than the minimum probable.

Based on the current forecast, the November 24-Month Study projects Lake Powell elevation will end water year 2017 near 3,595 feet with approximately 11.25 maf in storage (46 percent of capacity). Note that projections of elevation and storage have significant uncertainty at this early point in the season, primarily due to uncertainty regarding next season's snowpack and the resulting inflow to Lake Powell. Projections of elevation and storage using the minimum and maximum probable inflow forecast, last updated in October, are 3,581 feet (10.0 maf, 41 percent of capacity) and 3,641 feet (16.1 maf, 66 percent of capacity), respectively. Under these scenarios, there is a 10 percent chance that inflows will be higher, resulting in higher elevation and storage, and 10 percent chance that inflows will be lower, resulting in lower elevation and storage. The annual release volume from Lake Powell during water year 2017 is projected to be 9.0 maf under the minimum and most probable inflow scenarios and 12.0 maf under the maximum probable inflow scenario. There is a chance that inflows could be higher or lower, potentially resulting in releases greater than 12.0 maf or as low as 8.23 maf in water year 2017. The minimum and maximum probable scenarios will be updated again in January.

Upper Colorado River Basin Hydrology

The Upper Colorado River Basin regularly experiences significant year to year hydrologic variability. During the 17-year period 2000 to 2016, however, the unregulated inflow to Lake Powell, which is a good measure of hydrologic conditions in the Colorado River Basin, was above average in only 3 out of the past 17 years. The period 2000-2016 is the lowest 17-year period since the closure of Glen Canyon Dam in 1963, with an average unregulated inflow of 8.57 maf, or 79 percent of the 30-year average (1981-2010). (For comparison, the 1981-2010 total water year average is 10.83 maf.) The unregulated inflow during the 2000-2016 period has ranged from a low of 2.64 maf (24 percent of average) in water year 2002 to a high of 15.97 maf (147 percent of average) in water year 2011. The water year 2016 unregulated inflow volume to Lake Powell was 9.62 maf (89 percent of average), which, though still below average, was higher than the water year release of 9.0 maf, which allowed Lake Powell to increase approximately 4.9 feet in elevation over the last water year. Under the current most probable forecast, total water year 2017 unregulated inflows to Lake Powell is projected to be 7.85 maf (72 percent of average).

At the beginning of water year 2017, total system storage in the Colorado River Basin was 30.7 maf (51 percent of 59.6 maf total system capacity). This is nearly the same as the total storage at the beginning of water year 2016 which began at 30.8 maf (52 percent of capacity). Since the beginning of water year 2000, total Colorado Basin storage has experienced year to year increases and decreases in response to wet and dry hydrology, ranging from a high of 94 percent of capacity at the beginning of 2000 to a low of 50 percent of capacity at the beginning of water year 2014. One wet year can significantly increase total system reservoir storage, just as persistent dry years can draw down the system storage. Based on current inflow forecasts, the current projected end of water year 2017 total Colorado Basin reservoir storage is approximately 28.5 maf (48 percent of capacity). The actual end of water year storage may vary from this projection, primarily due to uncertainty regarding this season's runoff and resulting reservoir inflow.

Based on the October minimum and maximum probable inflow forecasts and modeling the range is approximately 26.6 maf (45 percent of capacity) to 33.5 maf (56 percent of capacity), respectively.

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-430
125 SOUTH STATE STREET, ROOM 6107
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-3709

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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:	Obs			oct		Forecast		
:	jul	aug	sep	oct	%Avg	nov	dec	jan
GLDA3:Lake Powell	595	253	281	381	74%:	400/	320/	300/
GBRW4:Fontenelle	80	29	26	57	117%:	58/	38/	30/
GRNU1:Flaming Gorge	91	28	36	70	119%:	70/	39/	43/
BMDC2:Blue Mesa	81	57	38	33	87%:	27/	25/	23/
MPSC2:Morrow Point	83	58	39	33	81%:	27/	25/	24/
CLSC2:Crystal	89	62	42	37	79%:	31/	28/	27/
TPIC2:Taylor Park	11.2	8.5	6.2	5.5	83%:	4.5/	4/	3.7/
VCRC2:Vallecito	17.1	15.1	14.0	11.4	73%:	6/	6/	5/
NVRN5:Navajo	24	30	21	27	58%:	21/	20/	18/
LEMC2:Lemon	2.3	4.6	3.8	2.0	63%:	1/	0.9/	0.8/
MPHC2:McPhee	17.2	16.4	9.6	4.2	48%:	3.5/	3.5/	3.5/
RBSC2:Ridgway	22	14.5	9.3	6.7	87%:	5/	4/	4/

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

November 2016 24-Month Study

Most Probable Inflow*

Fontenelle Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Nov 2015	40	1	56	1	57	6489.03	221
H	Dec 2015	36	1	58	0	58	6485.40	197
I	Jan 2016	32	1	49	10	58	6480.71	170
S	Feb 2016	34	0	55	0	55	6476.59	149
T	Mar 2016	50	1	58	0	58	6474.73	140
O	Apr 2016	91	1	56	0	56	6481.34	174
R	May 2016	186	2	86	20	106	6493.63	252
I	Jun 2016	293	2	101	143	243	6500.14	299
C	Jul 2016	80	3	73	3	76	6500.25	300
A	Aug 2016	29	2	65	0	65	6495.03	262
L	Sep 2016	26	2	36	21	58	6490.22	229
	WY 2016	**943**	**15**	**739**	**213**	**952**		
*	Oct 2016	57	1	0	57	57	6490.08	228
	Nov 2016	58	1	59	0	59	6489.79	227
	Dec 2016	38	1	63	0	63	6485.93	202
	Jan 2017	30	1	63	0	63	6480.23	168
	Feb 2017	27	1	57	0	57	6474.16	138
	Mar 2017	46	0	63	0	63	6470.25	120
	Apr 2017	74	1	89	0	89	6466.38	104
	May 2017	155	1	97	8	105	6477.48	154
	Jun 2017	300	2	101	78	179	6496.50	273
	Jul 2017	195	3	102	21	123	6505.60	342
	Aug 2017	75	2	85	0	85	6503.99	330
	Sep 2017	47	2	73	0	73	6500.44	302
	WY 2017	**1102**	**15**	**852**	**163**	**1015**		
	Oct 2017	49	1	71	0	71	6497.41	280
	Nov 2017	42	1	68	0	68	6493.68	253
	Dec 2017	32	1	71	0	71	6487.77	214
	Jan 2018	30	1	71	0	71	6481.04	173
	Feb 2018	28	1	64	0	64	6473.79	136
	Mar 2018	53	0	71	0	71	6469.59	117
	Apr 2018	85	1	89	0	89	6468.52	113
	May 2018	164	1	98	7	105	6480.74	171
	Jun 2018	299	2	102	69	171	6499.74	297
	Jul 2018	178	3	101	28	129	6505.62	343
	Aug 2018	77	2	100	5	105	6501.76	312
	Sep 2018	46	2	89	0	89	6495.67	267
	WY 2018	**1083**	**15**	**995**	**108**	**1103**		
	Oct 2018	49	1	92	0	92	6489.08	222

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

November 2016 24-Month Study

Most Probable Inflow*

Flaming Gorge Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	Nov 2015	38	55	4	131	0	131	133	6028.73	3300	176
H	Dec 2015	38	61	2	137	0	137	130	6026.75	3225	172
I	Jan 2016	44	71	2	134	0	134	127	6025.07	3163	168
S	Feb 2016	63	84	2	118	0	118	126	6024.11	3127	164
T	Mar 2016	84	93	3	51	0	51	127	6025.13	3165	131
O	Apr 2016	140	105	5	50	0	50	129	6026.43	3213	316
R	May 2016	362	282	8	52	0	52	138	6032.01	3427	701
I	Jun 2016	455	405	11	270	198	469	135	6030.17	3356	965
C	Jul 2016	91	88	13	116	4	120	133	6029.03	3312	223
A	Aug 2016	28	64	13	110	0	110	131	6027.55	3255	137
L	Sep 2016	36	67	11	107	0	107	129	6026.27	3207	127
	WY 2016	**1427**	**1437**	**80**	**1406**	**203**	**1609**				**3442**
*	Oct 2016	70	70	7	85	0	85	128	6025.69	3186	119
	Nov 2016	70	71	3	77	0	77	128	6025.45	3177	103
	Dec 2016	39	64	2	106	0	106	126	6024.30	3134	132
	Jan 2017	45	78	2	111	0	111	125	6023.40	3101	136
	Feb 2017	44	74	2	100	0	100	124	6022.65	3074	123
	Mar 2017	94	111	3	52	0	52	126	6024.13	3128	115
	Apr 2017	122	137	5	48	0	48	129	6026.33	3210	208
	May 2017	220	170	8	104	0	104	131	6027.82	3266	539
	Jun 2017	370	249	10	235	0	235	132	6027.90	3269	645
	Jul 2017	225	153	14	98	0	98	133	6028.94	3308	164
	Aug 2017	84	94	13	98	0	98	132	6028.52	3292	119
	Sep 2017	52	78	11	95	0	95	131	6027.80	3265	110
	WY 2017	**1435**	**1349**	**79**	**1210**	**0**	**1210**				**2514**
	Oct 2017	57	78	7	98	0	98	130	6027.10	3238	126
	Nov 2017	50	76	3	95	0	95	129	6026.52	3217	125
	Dec 2017	35	74	2	98	0	98	128	6025.84	3191	124
	Jan 2018	40	81	2	98	0	98	128	6025.34	3173	123
	Feb 2018	45	81	2	89	0	89	127	6025.07	3163	117
	Mar 2018	102	120	3	98	0	98	128	6025.56	3181	175
	Apr 2018	134	137	5	95	0	95	129	6026.53	3217	310
	May 2018	245	186	8	159	0	159	130	6027.03	3236	691
	Jun 2018	390	262	10	140	0	140	134	6029.84	3343	560
	Jul 2018	210	162	14	98	0	98	136	6031.07	3391	198
	Aug 2018	89	117	13	98	0	98	137	6031.20	3396	124
	Sep 2018	55	99	11	95	0	95	136	6031.00	3388	114
	WY 2018	**1451**	**1471**	**80**	**1263**	**0**	**1263**				**2787**
	Oct 2018	59	103	7	98	0	98	136	6030.92	3385	131

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

November 2016 24-Month Study

Most Probable Inflow*

Taylor Park Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Nov 2015	5	6	9310.40	71
H	Dec 2015	5	6	9309.95	70
I	Jan 2016	6	6	9309.87	70
S	Feb 2016	4	5	9309.07	68
T	Mar 2016	5	6	9308.44	67
O	Apr 2016	9	6	9310.70	71
R	May 2016	17	11	9314.16	77
I	Jun 2016	41	20	9325.34	97
C	Jul 2016	11	21	9320.04	87
A	Aug 2016	9	16	9315.75	79
L	Sep 2016	6	14	9310.77	71
	WY 2016	**125**	**125**		
*	Oct 2016	5	6	9310.23	70
	Nov 2016	5	5	9309.92	70
	Dec 2016	4	5	9309.28	69
	Jan 2017	4	5	9308.45	67
	Feb 2017	3	5	9307.22	66
	Mar 2017	4	5	9306.23	64
	Apr 2017	6	5	9306.56	65
	May 2017	20	10	9312.88	75
	Jun 2017	31	15	9321.96	91
	Jul 2017	13	15	9320.88	89
	Aug 2017	7	15	9316.41	81
	Sep 2017	6	15	9311.04	72
	WY 2017	**107**	**106**		
	Oct 2017	6	7	9310.31	70
	Nov 2017	5	6	9309.55	69
	Dec 2017	5	6	9308.71	68
	Jan 2018	4	6	9307.64	66
	Feb 2018	4	6	9306.19	64
	Mar 2018	4	6	9305.15	62
	Apr 2018	9	6	9306.99	65
	May 2018	28	20	9312.23	73
	Jun 2018	42	22	9323.38	93
	Jul 2018	20	22	9322.39	91
	Aug 2018	10	20	9317.04	82
	Sep 2018	7	16	9311.94	73
	WY 2018	**144**	**143**		
	Oct 2018	7	8	9311.11	72

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

November 2016 24-Month Study

Most Probable Inflow*

Blue Mesa Reservoir

	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Nov 2015	30	31	0	45	0	45	7499.64	658
H	Dec 2015	27	28	0	62	0	62	7495.46	624
I	Jan 2016	27	27	0	61	0	61	7491.12	590
S	Feb 2016	26	27	0	59	0	58	7487.04	559
T	Mar 2016	41	42	0	36	0	37	7487.62	563
O	Apr 2016	75	72	1	63	0	63	7488.62	571
R	May 2016	161	155	1	134	19	153	7488.74	572
I	Jun 2016	285	265	1	46	0	46	7514.84	788
C	Jul 2016	81	91	2	112	0	112	7512.31	766
A	Aug 2016	57	65	1	110	0	110	7506.94	720
L	Sep 2016	38	46	1	100	0	100	7500.48	665
	WY 2016	**881**	**882**	**9**	**913**	**19**	**934**		
*	Oct 2016	32	33	1	90	0	90	7493.44	608
	Nov 2016	27	28	0	36	0	36	7492.31	599
	Dec 2016	25	26	0	47	0	47	7489.60	578
	Jan 2017	23	24	0	47	0	47	7486.63	555
	Feb 2017	19	21	0	42	0	42	7483.84	534
	Mar 2017	29	31	0	40	0	40	7482.50	524
	Apr 2017	61	61	1	52	0	52	7483.53	532
	May 2017	155	145	1	169	0	169	7480.19	507
	Jun 2017	175	159	1	61	0	61	7492.90	604
	Jul 2017	67	69	1	78	0	78	7491.61	594
	Aug 2017	44	52	1	84	0	84	7487.35	561
	Sep 2017	35	44	1	73	0	73	7483.34	531
	WY 2017	**692**	**692**	**8**	**819**	**0**	**819**		
	Oct 2017	36	37	0	49	0	49	7481.68	518
	Nov 2017	30	32	0	19	0	19	7483.38	531
	Dec 2017	26	27	0	19	0	19	7484.37	538
	Jan 2018	24	26	0	35	0	35	7483.18	529
	Feb 2018	22	25	0	31	0	31	7482.34	523
	Mar 2018	36	38	0	35	0	35	7482.66	526
	Apr 2018	77	74	1	52	0	52	7485.52	547
	May 2018	221	213	1	171	0	171	7490.82	588
	Jun 2018	261	241	1	69	0	69	7511.49	759
	Jul 2018	117	119	2	87	0	87	7514.90	789
	Aug 2018	63	73	1	90	0	90	7512.86	771
	Sep 2018	38	47	1	79	0	79	7509.00	737
	WY 2018	**952**	**951**	**9**	**736**	**0**	**736**		
	Oct 2018	38	40	1	53	0	53	7507.43	724

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

November 2016 24-Month Study

Most Probable Inflow*

Morrow Point Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Nov 2015	31	45	1	46	47	0	47	7133.97	97
H	Dec 2015	28	62	1	62	46	1	47	7154.01	112
I	Jan 2016	27	61	1	62	64	0	64	7150.69	110
S	Feb 2016	27	58	1	60	61	0	61	7148.82	108
T	Mar 2016	43	37	2	39	36	0	36	7152.74	111
O	Apr 2016	83	63	7	71	71	0	71	7152.57	111
R	May 2016	176	153	15	168	176	4	180	7136.53	99
I	Jun 2016	302	46	18	64	52	0	52	7152.31	111
C	Jul 2016	83	112	2	114	113	0	113	7153.43	112
A	Aug 2016	58	110	1	111	111	0	111	7153.88	112
L	Sep 2016	39	100	1	100	103	0	103	7150.03	109
	WY 2016	**931**	**934**	**49**	**983**	**972**	**5**	**978**		
*	Oct 2016	33	90	1	91	93	0	93	7146.55	106
	Nov 2016	27	36	0	36	31	0	31	7153.73	112
	Dec 2016	25	47	0	47	47	0	47	7153.73	112
	Jan 2017	24	47	1	48	48	0	48	7153.73	112
	Feb 2017	20	42	1	43	43	0	43	7153.73	112
	Mar 2017	32	40	3	43	43	0	43	7153.73	112
	Apr 2017	65	52	4	56	56	0	56	7153.73	112
	May 2017	165	169	10	179	179	0	179	7153.73	112
	Jun 2017	180	61	5	66	66	0	66	7153.73	112
	Jul 2017	70	78	3	81	81	0	81	7153.73	112
	Aug 2017	46	84	2	86	86	0	86	7153.73	112
	Sep 2017	36	73	1	74	74	0	74	7153.73	112
	WY 2017	**723**	**819**	**31**	**850**	**846**	**0**	**847**		
	Oct 2017	38	49	1	51	51	0	51	7153.73	112
	Nov 2017	32	19	2	20	20	0	20	7153.73	112
	Dec 2017	28	19	2	21	21	0	21	7153.73	112
	Jan 2018	27	35	2	37	37	0	37	7153.73	112
	Feb 2018	25	31	3	33	33	0	33	7153.73	112
	Mar 2018	40	35	4	39	39	0	39	7153.73	112
	Apr 2018	88	52	11	63	63	0	63	7153.73	112
	May 2018	247	171	26	197	197	0	197	7153.73	112
	Jun 2018	281	69	20	89	89	0	89	7153.73	112
	Jul 2018	123	87	6	93	93	0	93	7153.73	112
	Aug 2018	67	90	3	94	94	0	94	7153.73	112
	Sep 2018	41	79	3	82	82	0	82	7153.73	112
	WY 2018	**1036**	**736**	**84**	**819**	**819**	**0**	**819**		
	Oct 2018	41	53	3	55	55	0	55	7153.73	112

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

November 2016 24-Month Study

Most Probable Inflow*

Crystal Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
*	Nov 2015	34	47	3	50	0	50	50	6750.12	16	0	51
H	Dec 2015	32	47	4	51	40	12	52	6747.07	15	1	53
I	Jan 2016	31	64	4	68	67	0	68	6748.20	16	1	69
S	Feb 2016	30	61	3	64	63	0	63	6752.48	17	0	65
T	Mar 2016	48	36	5	41	41	0	41	6752.32	17	2	41
O	Apr 2016	92	71	9	80	80	0	80	6751.41	16	47	36
R	May 2016	194	180	18	198	109	64	197	6753.13	17	51	154
I	Jun 2016	344	52	41	93	74	20	93	6752.00	17	43	53
C	Jul 2016	89	113	6	119	117	2	119	6750.04	16	64	58
A	Aug 2016	62	111	4	114	114	0	114	6749.30	16	62	53
L	Sep 2016	42	103	3	106	106	1	107	6747.05	15	59	47
	WY 2016	**1034**	**978**	**103**	**1081**	**811**	**243**	**1080**			**384**	**724**
*	Oct 2016	37	93	4	97	97	0	97	6747.92	15	57	39
	Nov 2016	31	31	4	35	33	0	33	6753.04	17	0	33
	Dec 2016	28	47	3	50	50	0	50	6753.04	17	0	50
	Jan 2017	27	48	3	51	51	0	51	6753.04	17	0	51
	Feb 2017	23	43	3	46	46	0	46	6753.04	17	0	46
	Mar 2017	36	43	4	47	47	0	47	6753.04	17	5	42
	Apr 2017	74	56	9	65	65	0	65	6753.04	17	30	35
	May 2017	181	179	16	195	134	60	195	6753.04	17	55	140
	Jun 2017	195	66	15	81	81	0	81	6753.04	17	60	21
	Jul 2017	76	81	6	87	87	0	87	6753.04	17	65	22
	Aug 2017	52	86	6	92	92	0	92	6753.04	17	65	27
	Sep 2017	42	74	6	80	80	0	80	6753.04	17	55	25
	WY 2017	**802**	**847**	**79**	**926**	**863**	**61**	**924**			**392**	**531**
	Oct 2017	44	51	6	57	57	0	57	6753.04	17	30	27
	Nov 2017	37	20	5	25	25	0	25	6753.04	17	0	25
	Dec 2017	32	21	5	26	26	0	26	6753.04	17	0	26
	Jan 2018	31	37	5	42	42	0	42	6753.04	17	0	42
	Feb 2018	29	33	4	37	37	0	37	6753.04	17	0	37
	Mar 2018	46	39	6	45	45	0	45	6753.04	17	5	40
	Apr 2018	101	63	12	76	76	0	76	6753.04	17	30	46
	May 2018	281	197	34	231	134	97	231	6753.04	17	55	176
	Jun 2018	315	89	34	123	123	0	123	6753.04	17	60	63
	Jul 2018	138	93	14	108	108	0	108	6753.04	17	65	43
	Aug 2018	75	94	8	102	102	0	102	6753.04	17	65	37
	Sep 2018	47	82	6	88	88	0	88	6753.04	17	55	33
	WY 2018	**1175**	**819**	**140**	**959**	**862**	**97**	**959**			**365**	**594**
	Oct 2018	47	55	6	61	61	0	61	6753.04	17	30	31

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Managing Water in the West

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Most Probable Inflow*

Vallecito Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Nov 2015	11	5	7648.25	83
H	Dec 2015	7	4	7649.57	86
I	Jan 2016	6	7	7649.21	85
S	Feb 2016	7	6	7649.77	86
T	Mar 2016	14	6	7652.71	94
O	Apr 2016	25	13	7657.23	105
R	May 2016	60	44	7663.23	121
I	Jun 2016	77	73	7664.30	124
C	Jul 2016	17	38	7656.15	102
A	Aug 2016	15	33	7648.82	84
L	Sep 2016	14	27	7643.21	71
	WY 2016	**269**	**270**		
*	Oct 2016	11	8	7644.63	74
	Nov 2016	6	2	7646.42	79
	Dec 2016	6	2	7648.17	83
	Jan 2017	5	2	7649.47	86
	Feb 2017	4	2	7650.40	88
	Mar 2017	5	2	7651.62	91
	Apr 2017	15	2	7656.78	104
	May 2017	59	39	7664.10	123
	Jun 2017	58	58	7663.71	122
	Jul 2017	22	42	7656.00	102
	Aug 2017	16	38	7646.85	80
	Sep 2017	14	30	7639.67	64
	WY 2017	**221**	**226**		
	Oct 2017	14	17	7637.84	60
	Nov 2017	8	2	7640.84	66
	Dec 2017	6	2	7642.87	71
	Jan 2018	5	2	7644.43	74
	Feb 2018	5	2	7645.74	77
	Mar 2018	9	2	7648.55	84
	Apr 2018	23	2	7657.16	105
	May 2018	71	53	7664.11	123
	Jun 2018	70	70	7664.08	123
	Jul 2018	29	42	7659.12	110
	Aug 2018	20	38	7651.80	91
	Sep 2018	17	30	7646.55	79
	WY 2018	**278**	**259**		
	Oct 2018	16	17	7645.78	77

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
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November 2016 24-Month Study

Most Probable Inflow*

Navajo Reservoir

	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azetea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Farmington Flow (1000 Ac-Ft)
*	Nov 2015	37	1	30	1	0	21	6064.00	1400	39
H	Dec 2015	23	0	19	1	0	21	6063.81	1397	34
I	Jan 2016	22	0	23	1	0	22	6063.77	1396	34
S	Feb 2016	42	2	39	1	1	28	6064.39	1405	43
T	Mar 2016	81	7	67	2	4	25	6067.08	1441	52
O	Apr 2016	119	13	94	3	19	22	6070.75	1491	53
R	May 2016	209	26	165	4	12	91	6074.87	1549	175
I	Jun 2016	214	35	174	5	25	250	6067.29	1443	376
C	Jul 2016	24	4	40	5	37	79	6061.29	1364	97
A	Aug 2016	30	4	45	4	33	35	6059.16	1337	54
L	Sep 2016	21	1	33	3	27	30	6056.98	1310	41
	WY 2016	**864**	**94**	**769**	**29**	**169**	**653**			**1053**
*	Oct 2016	27	0	24	2	5	27	6056.19	1300	46
	Nov 2016	21	0	17	1	0	22	6055.65	1293	36
	Dec 2016	20	0	16	1	0	23	6054.99	1285	36
	Jan 2017	18	0	15	1	0	23	6054.25	1276	35
	Feb 2017	21	0	19	1	0	21	6053.99	1273	31
	Mar 2017	55	1	51	2	5	23	6055.70	1294	38
	Apr 2017	103	10	79	2	20	22	6058.49	1329	60
	May 2017	215	32	163	4	34	23	6066.35	1431	145
	Jun 2017	160	27	134	4	50	22	6070.51	1488	137
	Jul 2017	30	5	45	5	55	31	6067.21	1442	78
	Aug 2017	30	1	51	4	46	38	6064.47	1406	69
	Sep 2017	32	1	47	3	26	40	6062.87	1385	63
	WY 2017	**732**	**77**	**660**	**28**	**242**	**314**			**774**
	Oct 2017	39	1	41	2	9	24	6063.33	1391	47
	Nov 2017	31	1	24	1	0	22	6063.35	1391	39
	Dec 2017	25	0	21	1	0	23	6063.11	1388	38
	Jan 2018	22	0	18	1	0	23	6062.70	1382	37
	Feb 2018	30	0	27	1	0	21	6063.11	1388	33
	Mar 2018	92	2	84	2	5	23	6067.16	1442	45
	Apr 2018	170	14	135	3	21	22	6073.58	1531	75
	May 2018	277	40	218	4	35	224	6070.38	1486	370
	Jun 2018	224	34	189	4	51	296	6058.05	1323	448
	Jul 2018	66	8	71	4	56	79	6052.50	1255	146
	Aug 2018	45	2	62	3	47	33	6050.63	1233	72
	Sep 2018	43	1	55	3	26	26	6050.65	1233	58
	WY 2018	**1064**	**102**	**944**	**28**	**251**	**817**			**1408**
	Oct 2018	47	2	47	2	10	23	6051.70	1246	51

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Managing Water in the West

November 2016 24-Month Study

Most Probable Inflow*

Lake Powell

	Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry Gage (1000 Ac-Ft)
*	Nov 2015	421	506	32	577	0	577	3605.47	5036	12280	583
H	Dec 2015	266	393	26	857	0	857	3600.80	5000	11827	863
I	Jan 2016	300	433	8	857	0	857	3596.58	4968	11427	865
S	Feb 2016	396	490	8	700	0	700	3594.41	4952	11224	704
T	Mar 2016	553	486	14	694	0	694	3592.18	4935	11019	707
O	Apr 2016	814	681	22	665	0	665	3592.12	4935	11014	681
R	May 2016	2294	1925	26	700	0	700	3603.87	5024	12123	714
I	Jun 2016	2907	2618	46	800	0	800	3620.01	5155	13764	812
C	Jul 2016	595	804	58	950	0	950	3618.22	5140	13576	969
A	Aug 2016	253	432	56	900	0	900	3613.55	5101	13091	920
L	Sep 2016	281	461	50	699	0	699	3610.93	5080	12824	717
	WY 2016	**9616**	**9909**	**378**	**9000**	**0**	**9000**				**9145**
*	Oct 2016	381	477	35	601	0	601	3609.48	5068	12678	614
	Nov 2016	400	411	33	744	0	744	3606.08	5041	12339	748
	Dec 2016	320	413	26	800	0	800	3602.15	5010	11957	803
	Jan 2017	300	395	8	800	0	800	3598.15	4980	11574	807
	Feb 2017	340	419	8	650	0	650	3595.79	4962	11353	654
	Mar 2017	500	444	14	600	0	600	3594.09	4949	11195	605
	Apr 2017	700	566	22	600	0	600	3593.54	4945	11144	609
	May 2017	1500	1272	26	600	0	600	3599.91	4993	11742	608
	Jun 2017	2100	1790	43	800	0	800	3608.89	5063	12619	807
	Jul 2017	650	594	53	1000	0	1000	3604.60	5029	12194	1016
	Aug 2017	360	469	51	1006	0	1006	3598.95	4986	11650	1021
	Sep 2017	300	415	45	799	0	799	3594.71	4954	11252	813
	WY 2017	**7851**	**7665**	**363**	**9000**	**0**	**9000**				**9106**
	Oct 2017	422	472	31	600	0	600	3593.12	4942	11105	609
	Nov 2017	431	457	30	600	0	600	3591.37	4929	10945	604
	Dec 2017	363	418	23	800	0	800	3587.21	4899	10570	803
	Jan 2018	361	431	7	800	0	800	3583.26	4871	10221	807
	Feb 2018	393	436	7	650	0	650	3580.90	4855	10017	654
	Mar 2018	665	598	12	650	0	650	3580.20	4850	9957	655
	Apr 2018	1056	879	20	600	0	600	3582.98	4869	10197	609
	May 2018	2343	2229	25	650	0	650	3598.79	4985	11635	658
	Jun 2018	2666	2382	44	800	0	800	3613.24	5098	13059	807
	Jul 2018	1091	1025	55	1000	0	1000	3612.98	5096	13032	1016
	Aug 2018	500	573	54	1050	0	1050	3608.11	5057	12541	1065
	Sep 2018	408	499	49	800	0	800	3604.83	5031	12217	813
	WY 2018	**10698**	**10399**	**357**	**9000**	**0**	**9000**				**9102**
	Oct 2018	512	553	33	600	0	600	3604.08	5025	12143	609

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Managing Water in the West

November 2016 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Glen Release (1000 Ac-Ft)	Side Inflow Glen to Hoover (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Nov 2015	577	41	42	631	10.6	12	630	641	1078.23	9865
H	Dec 2015	857	43	36	619	10.1	9	618	656	1080.91	10087
I	Jan 2016	857	89	30	662	10.8	8	661	671	1083.68	10318
S	Feb 2016	700	81	28	699	12.2	10	698	673	1084.17	10360
T	Mar 2016	694	31	31	1008	16.4	18	1007	653	1080.45	10048
O	Apr 2016	665	68	38	1055	17.7	18	1055	630	1076.13	9693
R	May 2016	700	50	43	887	14.4	22	885	618	1073.80	9504
I	Jun 2016	800	14	51	920	15.5	28	919	606	1071.64	9330
C	Jul 2016	950	70	64	831	13.5	30	840	612	1072.75	9419
A	Aug 2016	900	107	69	701	11.4	28	700	625	1075.17	9615
L	Sep 2016	699	88	57	702	11.8	23	701	625	1075.23	9620
	WY 2016	**9000**	**799**	**531**	**9293**		**225**	**9291**			
*	Oct 2016	601	79	42	518	8.4	25	517	631	1076.34	9710
	Nov 2016	744	56	42	741	12.4	9	741	632	1076.44	9718
	Dec 2016	800	54	36	494	8.0	5	494	651	1080.08	10017
	Jan 2017	800	62	30	686	11.2	5	686	660	1081.66	10149
	Feb 2017	650	73	28	666	12.0	6	666	661	1081.92	10171
	Mar 2017	600	55	31	1035	16.8	14	1035	635	1077.10	9772
	Apr 2017	600	53	37	1093	18.4	21	1093	605	1071.32	9305
	May 2017	600	37	42	936	15.2	26	936	582	1066.97	8960
	Jun 2017	800	21	50	844	14.2	27	844	576	1065.77	8866
	Jul 2017	1000	78	63	802	13.1	30	802	587	1067.96	9038
	Aug 2017	1006	124	67	750	12.2	28	750	605	1071.33	9306
	Sep 2017	799	112	56	740	12.4	25	740	610	1072.40	9391
	WY 2017	**9000**	**805**	**523**	**9306**		**220**	**9305**			
	Oct 2017	600	69	41	543	8.8	20	543	614	1073.15	9452
	Nov 2017	600	56	41	681	11.4	12	681	610	1072.24	9378
	Dec 2017	800	54	35	644	10.5	8	644	620	1074.18	9535
	Jan 2018	800	62	29	691	11.2	15	691	627	1075.65	9654
	Feb 2018	650	73	27	663	11.9	17	663	628	1075.83	9669
	Mar 2018	650	55	30	1006	16.4	23	1006	607	1071.72	9336
	Apr 2018	600	53	36	1055	17.7	26	1055	579	1066.20	8900
	May 2018	650	37	41	959	15.6	32	959	557	1062.01	8577
	Jun 2018	800	21	49	917	15.4	32	917	547	1059.84	8411
	Jul 2018	1000	78	61	831	13.5	32	831	556	1061.74	8555
	Aug 2018	1050	124	66	740	12.0	29	740	577	1065.86	8874
	Sep 2018	800	112	55	696	11.7	26	696	585	1067.49	9001
	WY 2018	**9000**	**795**	**511**	**9426**		**273**	**9426**			
	Oct 2018	600	69	40	422	6.9	26	422	596	1069.64	9171

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November 2016 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Nov 2015	631	-14	10	599	0	599	10.1	636.11	1514
H	Dec 2015	619	-13	9	527	0	527	8.6	638.77	1585
I	Jan 2016	662	-32	10	553	0	553	9.0	641.26	1651
S	Feb 2016	699	-20	10	675	0	675	11.7	641.04	1645
T	Mar 2016	1008	-16	13	921	0	921	15.0	643.17	1703
O	Apr 2016	1055	-18	17	979	0	979	16.4	644.70	1746
R	May 2016	887	-6	22	903	0	903	14.7	643.07	1701
I	Jun 2016	920	-16	26	838	0	838	14.1	644.53	1741
C	Jul 2016	831	-24	26	803	0	803	13.1	643.75	1719
A	Aug 2016	701	-12	23	714	0	714	11.6	642.00	1671
L	Sep 2016	702	-18	18	711	0	711	11.9	640.34	1627
	WY 2016	**9293**	**-195**	**198**	**8879**	**0**	**8879**			
*	Oct 2016	518	-7	15	640	0	640	10.4	634.86	1482
	Nov 2016	741	-8	11	587	0	587	9.9	640.01	1617
	Dec 2016	494	-12	9	473	0	473	7.7	640.01	1617
	Jan 2017	686	-14	10	614	0	614	10.0	641.80	1666
	Feb 2017	666	-14	10	643	0	643	11.6	641.80	1666
	Mar 2017	1035	-16	13	972	0	972	15.8	643.05	1700
	Apr 2017	1093	-19	17	1058	0	1058	17.8	643.00	1699
	May 2017	936	-13	22	901	0	901	14.6	643.00	1699
	Jun 2017	844	-16	25	830	0	830	13.9	642.00	1671
	Jul 2017	802	-13	25	777	0	777	12.6	641.50	1658
	Aug 2017	750	-11	23	716	0	716	11.6	641.50	1658
	Sep 2017	740	-9	18	753	0	753	12.7	640.01	1617
	WY 2017	**9306**	**-152**	**197**	**8965**	**0**	**8965**			
	Oct 2017	543	-1	15	710	0	710	11.6	633.00	1434
	Nov 2017	681	-8	10	612	0	612	10.3	635.00	1486
	Dec 2017	644	-12	9	526	0	526	8.6	638.71	1583
	Jan 2018	691	-14	10	584	0	584	9.5	641.80	1666
	Feb 2018	663	-14	10	639	0	639	11.5	641.80	1666
	Mar 2018	1006	-16	13	943	0	943	15.3	643.05	1700
	Apr 2018	1055	-19	17	1021	0	1021	17.2	643.00	1699
	May 2018	959	-13	22	923	0	923	15.0	643.00	1699
	Jun 2018	917	-16	25	903	0	903	15.2	642.00	1671
	Jul 2018	831	-13	25	806	0	806	13.1	641.50	1658
	Aug 2018	740	-11	23	707	0	707	11.5	641.50	1658
	Sep 2018	696	-9	18	709	0	709	11.9	640.01	1617
	WY 2018	**9426**	**-146**	**197**	**9083**	**0**	**9083**			
	Oct 2018	422	-1	15	589	0	589	9.6	633.00	1434

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3020

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

November 2016 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	Nov 2015	599	11	9	385	6.5	98	120	447.57	572	93	1.6
H	Dec 2015	527	22	7	321	5.2	101	130	446.92	560	105	1.7
I	Jan 2016	553	26	6	324	5.3	97	156	446.60	554	154	2.5
S	Feb 2016	675	9	8	543	9.4	13	117	446.50	552	180	3.1
T	Mar 2016	921	18	9	695	11.3	89	123	447.40	569	221	3.6
O	Apr 2016	979	18	11	689	11.6	93	169	448.89	597	202	3.4
R	May 2016	903	13	13	636	10.3	97	176	448.08	581	97	1.6
I	Jun 2016	838	18	15	633	10.6	95	89	448.81	596	92	1.5
C	Jul 2016	803	20	17	617	10.0	100	74	449.03	600	102	1.7
A	Aug 2016	714	22	17	570	9.3	85	65	448.50	590	99	1.6
L	Sep 2016	711	14	15	490	8.2	89	134	447.97	579	92	1.5
	WY 2016	**8879**	**225**	**140**	**6360**		**1057**	**1467**			**1496**	
*	Oct 2016	640	36	12	466	7.6	80	133	446.90	559	61	1.0
	Nov 2016	587	22	9	397	6.7	76	132	446.30	548	97	1.6
	Dec 2016	473	19	6	291	4.7	76	114	446.30	548	106	1.7
	Jan 2017	614	13	6	379	6.2	77	156	446.50	552	154	2.5
	Feb 2017	643	12	8	493	8.9	70	76	446.50	552	180	3.2
	Mar 2017	972	4	9	727	11.8	77	151	446.70	555	206	3.4
	Apr 2017	1058	19	11	761	12.8	75	181	448.70	593	192	3.2
	May 2017	901	16	13	628	10.2	77	186	448.70	593	97	1.6
	Jun 2017	830	14	16	664	11.2	75	76	448.70	593	98	1.6
	Jul 2017	777	29	17	636	10.3	77	76	448.00	580	99	1.6
	Aug 2017	716	26	17	570	9.3	77	76	447.50	571	99	1.6
	Sep 2017	753	23	15	522	8.8	75	156	447.50	570	89	1.5
	WY 2017	**8965**	**234**	**139**	**6534**		**914**	**1517**			**1478**	
	Oct 2017	710	27	12	494	8.0	77	146	447.50	571	68	1.1
	Nov 2017	612	22	9	398	6.7	75	146	447.50	571	103	1.7
	Dec 2017	526	19	7	329	5.3	77	146	446.50	552	115	1.9
	Jan 2018	584	13	6	380	6.2	101	106	446.50	552	150	2.4
	Feb 2018	639	12	8	477	8.6	58	99	446.50	552	175	3.1
	Mar 2018	943	4	9	719	11.7	84	124	446.70	555	199	3.2
	Apr 2018	1021	19	11	758	12.7	98	124	448.70	593	185	3.1
	May 2018	923	16	13	677	11.0	101	137	448.70	593	93	1.5
	Jun 2018	903	14	16	689	11.6	98	99	448.70	593	94	1.6
	Jul 2018	806	29	17	655	10.6	101	62	448.00	580	95	1.5
	Aug 2018	707	26	17	555	9.0	101	56	447.50	571	96	1.6
	Sep 2018	709	23	15	498	8.4	98	112	447.50	570	86	1.5
	WY 2018	**9083**	**224**	**139**	**6629**		**1069**	**1359**			**1460**	
	Oct 2018	589	27	12	458	7.4	28	112	447.50	571	66	1.1

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

November 2016 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Nov 2015	631	10.6	1078.23	9865	-63	433.49	1088.0	244.8	70	387.9
H	Dec 2015	619	10.1	1080.91	10087	222	434.77	1069.0	241.9	68	390.9
I	Jan 2016	662	10.8	1083.68	10318	232	438.04	775.0	258.5	49	390.7
S	Feb 2016	699	12.2	1084.17	10360	41	437.39	880.0	277.0	55	396.1
T	Mar 2016	1008	16.4	1080.45	10048	-311	434.20	973.0	402.7	61	399.7
O	Apr 2016	1055	17.7	1076.13	9693	-355	429.37	1244.0	413.9	80	392.2
R	May 2016	887	14.4	1073.80	9504	-189	426.83	1164.0	343.6	74	387.5
I	Jun 2016	920	15.5	1071.64	9330	-174	425.27	1528.0	349.7	100	380.2
C	Jul 2016	831	13.5	1072.75	9419	89	427.46	1528.0	311.5	100	374.8
A	Aug 2016	701	11.4	1075.17	9615	196	431.00	1549.0	265.2	100	378.4
L	Sep 2016	702	11.8	1075.23	9620	5	429.97	1539.0	266.3	100	379.1
	WY 2016	**9293**							**3596.9**		
*	Oct 2016	518	8.4	1076.34	9710	90	438.10	1072.0	195.2	80	377.1
	Nov 2016	741	12.4	1076.44	9718	8	428.67	1072.0	287.3	80	387.9
	Dec 2016	494	8.0	1080.08	10017	299	428.05	1374.0	189.5	88	383.3
	Jan 2017	686	11.2	1081.66	10149	132	430.56	1285.0	263.3	83	383.7
	Feb 2017	666	12.0	1081.92	10171	22	431.50	1217.0	259.3	77	389.2
	Mar 2017	1035	16.8	1077.10	9772	-399	428.53	1240.0	402.5	80	388.8
	Apr 2017	1093	18.4	1071.32	9305	-467	422.79	1225.0	423.9	81	387.9
	May 2017	936	15.2	1066.97	8960	-345	417.88	1189.0	355.4	80	379.7
	Jun 2017	844	14.2	1065.77	8866	-94	413.34	1475.0	317.7	100	376.4
	Jul 2017	802	13.1	1067.96	9038	172	414.32	1484.0	300.3	100	374.2
	Aug 2017	750	12.2	1071.33	9306	268	417.24	1505.0	280.5	100	374.0
	Sep 2017	740	12.4	1072.40	9391	85	419.92	1512.0	279.2	100	377.3
	WY 2017	**9306**							**3554.1**		
	Oct 2017	543	8.8	1073.15	9452	61	425.65	1135.0	203.8	75	375.2
	Nov 2017	681	11.4	1072.24	9378	-73	427.97	1120.0	262.0	73	384.6
	Dec 2017	644	10.5	1074.18	9535	156	426.52	1149.0	247.6	74	384.4
	Jan 2018	691	11.2	1075.65	9654	119	427.24	974.0	266.7	63	385.9
	Feb 2018	663	11.9	1075.83	9669	15	427.05	975.0	257.5	63	388.7
	Mar 2018	1006	16.4	1071.72	9336	-332	423.96	1064.0	389.2	70	387.0
	Apr 2018	1055	17.7	1066.20	8900	-436	417.58	1206.5	402.2	81	381.1
	May 2018	959	15.6	1062.01	8577	-324	412.88	1173.4	360.6	80	376.1
	Jun 2018	917	15.4	1059.84	8411	-166	407.96	1454.2	336.5	100	366.9
	Jul 2018	831	13.5	1061.74	8555	145	408.31	1464.9	307.2	100	369.8
	Aug 2018	740	12.0	1065.86	8874	319	411.45	1488.2	272.7	100	368.2
	Sep 2018	696	11.7	1067.49	9001	127	414.78	1497.3	257.5	100	370.0
	WY 2018	**9426**							**3563.5**		
	Oct 2018	422	6.9	1069.64	9171	170	421.47	1124.9	157.0	75	372.3

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

November 2016 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Nov 2015	599	10.1	636.11	1514	8	136.53	165.8	72.5	65	121.0
H	Dec 2015	527	8.6	638.77	1585	70	135.98	155.6	65.1	61	123.6
I	Jan 2016	553	9.0	641.26	1651	67	141.86	163.2	71.9	64	129.9
S	Feb 2016	675	11.7	641.04	1645	-6		178.5	86.3	70	127.8
T	Mar 2016	921	15.0	643.17	1703	58	139.07	214.2	117.9	84	128.0
O	Apr 2016	979	16.4	644.70	1746	42	143.66	255.0	125.4	100	128.2
R	May 2016	903	14.7	643.07	1701	-45	141.63	252.5	115.5	99	127.8
I	Jun 2016	838	14.1	644.53	1741	40	143.17	255.0	107.4	100	128.1
C	Jul 2016	803	13.1	643.75	1719	-22	144.39	252.5	103.3	99	128.6
A	Aug 2016	714	11.6	642.00	1671	-48	142.46	255.0	91.6	100	128.4
L	Sep 2016	711	11.9	640.34	1627	-45	138.91	255.0	90.5	100	127.3
	WY 2016	**8879**							**1129.0**		
*	Oct 2016	640	10.4	634.86	1482	-144	135.70	196.4	79.3	77	123.8
	Nov 2016	587	9.9	640.01	1617	135	133.12	160.7	71.7	63	122.0
	Dec 2016	473	7.7	640.01	1617	0	135.53	168.3	59.2	66	125.2
	Jan 2017	614	10.0	641.80	1666	48	135.07	211.7	76.8	83	125.1
	Feb 2017	643	11.6	641.80	1666	0	136.69	188.7	80.6	74	125.3
	Mar 2017	972	15.8	643.05	1700	34	137.24	191.3	121.1	75	124.5
	Apr 2017	1058	17.8	643.00	1699	-2	136.07	255.0	131.7	100	124.5
	May 2017	901	14.6	643.00	1699	0	136.04	255.0	112.9	100	125.4
	Jun 2017	830	13.9	642.00	1671	-27	135.51	255.0	103.8	100	125.2
	Jul 2017	777	12.6	641.50	1658	-14	134.73	255.0	97.1	100	124.9
	Aug 2017	716	11.6	641.50	1658	0	134.46	255.0	89.5	100	125.0
	Sep 2017	753	12.7	640.01	1617	-40	133.68	255.0	93.4	100	124.0
	WY 2017	**8965**							**1117.2**		
	Oct 2017	710	11.6	633.00	1434	-183	130.77	201.5	85.7	79	120.6
	Nov 2017	612	10.3	635.00	1486	51	129.16	170.9	72.7	67	118.8
	Dec 2017	526	8.6	638.71	1583	97	132.23	168.3	64.1	66	122.0
	Jan 2018	584	9.5	641.80	1666	83	134.39	211.7	72.9	83	124.7
	Feb 2018	639	11.5	641.80	1666	0	136.69	188.7	80.1	74	125.4
	Mar 2018	943	15.3	643.05	1700	34	137.24	191.3	117.5	75	124.7
	Apr 2018	1021	17.2	643.00	1699	-2	136.07	255.0	127.2	100	124.6
	May 2018	923	15.0	643.00	1699	0	136.04	255.0	115.7	100	125.3
	Jun 2018	903	15.2	642.00	1671	-27	135.51	255.0	112.6	100	124.8
	Jul 2018	806	13.1	641.50	1658	-14	134.73	255.0	100.5	100	124.8
	Aug 2018	707	11.5	641.50	1658	0	134.46	255.0	88.4	100	125.1
	Sep 2018	709	11.9	640.01	1617	-40	133.68	255.0	88.1	100	124.3
	WY 2018	**9083**							**1125.6**		
	Oct 2018	589	9.6	633.00	1434	-183	130.46	211.7	71.4	83	121.3

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

November 2016 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Nov 2015	385	6.5	447.57	572	-6	83.21	96.0	27.1	80	70.3
H	Dec 2015	321	5.2	446.92	560	-12	82.51	120.0	21.9	100	68.4
I	Jan 2016	324	5.3	446.60	554	-6	80.76	94.8	22.3	79	68.8
S	Feb 2016	528	9.4	446.50	552	-2	78.54	87.6	38.1	73	72.2
T	Mar 2016	695	11.3	447.40	569	17	81.63	104.4	48.9	87	70.3
O	Apr 2016	689	11.6	448.89	597	28	83.09	120.0	48.4	100	70.3
R	May 2016	636	10.3	448.08	581	-15	82.13	120.0	45.1	100	70.9
I	Jun 2016	633	10.6	448.81	596	14	83.02	120.0	44.8	100	70.8
C	Jul 2016	617	10.0	449.03	600	4	83.16	120.0	43.7	100	70.9
A	Aug 2016	570	9.3	448.50	590	-10	82.60	120.0	40.2	100	70.7
L	Sep 2016	490	8.2	447.97	579	-10	82.24	120.0	34.7	100	70.9
	WY 2016	**6345**							**447.6**		
*	Oct 2016	466	7.6	446.90	559	-20	78.88	93.6	32.8	78	70.5
	Nov 2016	397	6.7	446.30	548	-11	75.42	90.0	25.8	75	64.9
	Dec 2016	291	4.7	446.30	548	0	73.82	117.6	18.1	98	62.4
	Jan 2017	379	6.2	446.50	552	4	75.04	93.6	24.4	78	64.3
	Feb 2017	493	8.9	446.50	552	0	74.71	102.0	32.1	85	65.1
	Mar 2017	727	11.8	446.70	555	4	74.01	120.0	47.2	100	65.0
	Apr 2017	761	12.8	448.70	593	38	75.08	120.0	50.2	100	65.9
	May 2017	628	10.2	448.70	593	0	76.05	120.0	41.6	100	66.2
	Jun 2017	664	11.2	448.70	593	0	76.05	120.0	44.1	100	66.4
	Jul 2017	636	10.3	448.00	580	-13	75.71	120.0	42.0	100	66.0
	Aug 2017	570	9.3	447.50	571	-9	75.13	120.0	37.2	100	65.3
	Sep 2017	522	8.8	447.50	570	0	74.89	120.0	33.9	100	65.0
	WY 2017	**6534**							**429.5**		
	Oct 2017	494	8.0	447.50	571	0	75.74	100.8	32.4	84	65.6
	Nov 2017	398	6.7	447.50	571	0	75.92	97.2	26.0	81	65.2
	Dec 2017	329	5.3	446.50	552	-19	74.40	120.0	20.8	100	63.2
	Jan 2018	380	6.2	446.50	552	0	74.89	98.4	24.4	82	64.2
	Feb 2018	477	8.6	446.50	552	0	75.07	94.8	31.2	79	65.4
	Mar 2018	719	11.7	446.70	555	4	74.01	120.0	46.7	100	65.0
	Apr 2018	758	12.7	448.70	593	38	75.08	120.0	50.0	100	65.9
	May 2018	677	11.0	448.70	593	0	76.05	120.0	44.9	100	66.4
	Jun 2018	689	11.6	448.70	593	0	76.05	120.0	45.8	100	66.5
	Jul 2018	655	10.6	448.00	580	-13	75.71	120.0	43.3	100	66.1
	Aug 2018	555	9.0	447.50	571	-9	75.13	120.0	36.2	100	65.3
	Sep 2018	498	8.4	447.50	570	0	74.89	120.0	32.3	100	64.9
	WY 2018	**6629**							**434.0**		
	Oct 2018	458	7.4	447.50	571	0	75.86	98.4	30.0	82	65.5

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

November 2016 24-Month Study

Most Probable Inflow*

Upper Basin Power

	Date	Glen Canyon 1000 MWHR	Flaming Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Reservoir 1000 MWHR	Fontenelle Reservoir 1000 MWHR
*	Nov 2015	256	52	13	15	0	4
H	Dec 2015	378	53	18	16	7	4
I	Jan 2016	373	52	17	22	13	3
S	Feb 2016	302	45	16	21	12	4
T	Mar 2016	298	20	10	11	7	4
	Winter 2016	**1871**	**274**	**100**	**118**	**38**	**23**
O	Apr 2016	288	19	18	25	16	4
R	May 2016	305	20	38	61	21	7
I	Jun 2016	360	105	14	18	15	9
C	Jul 2016	435	46	34	40	22	6
A	Aug 2016	408	44	33	39	22	6
L	Sep 2016	315	42	30	36	20	3
	Summer 2016	**2111**	**276**	**166**	**218**	**116**	**34**
*	Oct 2016	269	33	26	33	19	0
	Nov 2016	298	28	11	11	6	5
	Dec 2016	318	39	14	17	9	5
	Jan 2017	315	40	14	17	9	5
	Feb 2017	254	36	12	15	8	4
	Mar 2017	234	19	12	16	8	4
	Winter 2017	**1687**	**196**	**88**	**109**	**58**	**23**
	Apr 2017	233	17	15	20	11	6
	May 2017	235	38	49	64	23	6
	Jun 2017	318	86	18	24	14	8
	Jul 2017	399	36	23	29	15	10
	Aug 2017	397	36	25	31	16	8
	Sep 2017	313	35	21	27	14	7
	Summer 2017	**1895**	**248**	**151**	**195**	**93**	**45**
	Oct 2017	233	36	14	18	10	6
	Nov 2017	232	35	5	7	4	6
	Dec 2017	308	36	6	8	5	6
	Jan 2018	305	36	10	13	7	6
	Feb 2018	246	32	9	12	6	5
	Mar 2018	245	36	10	14	8	5
	Winter 2018	**1569**	**211**	**54**	**73**	**40**	**33**
	Apr 2018	227	35	15	23	13	6
	May 2018	251	58	50	71	23	7
	Jun 2018	319	51	21	32	21	9
	Jul 2018	405	36	27	34	19	10
	Aug 2018	423	36	28	34	18	10
	Sep 2018	319	35	25	30	15	8
	Summer 2018	**1624**	**216**	**142**	**193**	**94**	**40**
	Oct 2018	238	36	16	20	11	8

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3020

Processed On: 11/14/2016 1:56:18PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

November 2016 24-Month Study

Most Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions

Date	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Total KAF	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****CREDITABLE SPACE****										
Nov 2016	679	221	396	11644	12940	17667	30607	679	221	396	1296	11644	17667	30607	3810	741	0	29.7
Dec 2016	690	230	403	11983	13305	17659	30965	690	230	403	1323	11983	17659	30965	4580	494	0	29.5
Jan 2017	758	251	411	12365	13785	17360	31145	758	251	411	1420	12365	17360	31145	5350	686	0	29.2
								****EFFECTIVE SPACE****										
Jan 2017	758	251	411	12365	13785	17360	31145	373	41	340	754	12365	17360	30479	5350	686	0	29.2
Feb 2017	824	274	420	12748	14266	17228	31493	438	65	349	851	12748	17228	30827	1500	666	0	29.0
Mar 2017	882	295	423	12969	14569	17206	31775	494	87	351	932	12969	17206	31108	1500	1035	0	28.5
Apr 2017	846	305	402	13127	14680	17605	32284	452	98	323	874	13127	17605	31606	1500	1093	0	28.1
May 2017	780	298	367	13178	14623	18072	32695	378	90	266	734	13178	18072	31984	1500	936	0	28.6
Jun 2017	674	322	265	12580	13842	18417	32259	262	103	126	491	12580	18417	31488	1500	844	0	29.6
Jul 2017	552	225	208	11703	12689	18511	31200	127	-11	14	130	11703	18511	30344	1500	802	0	29.4
								****CREDITABLE SPACE****										
Aug 2017	443	236	254	12128	13060	18339	31399	443	236	254	932	12128	18339	31399	1500	750	0	29.0
Sep 2017	472	269	290	12672	13703	18071	31774	472	269	290	1031	12672	18071	31774	2270	740	0	28.5
Oct 2017	527	299	311	13070	14207	17986	32193	527	299	311	1137	13070	17986	32193	3040	543	0	28.2
Nov 2017	576	311	305	13217	14409	17925	32335	576	311	305	1192	13217	17925	32335	3810	681	0	28.0
Dec 2017	624	299	305	13377	14605	17999	32603	624	299	305	1228	13377	17999	32603	4580	644	0	27.8
Jan 2018	689	291	308	13752	15041	17842	32883	689	291	308	1289	13752	17842	32883	5350	691	0	27.5
								****EFFECTIVE SPACE****										
Jan 2018	689	291	308	13752	15041	17842	32883	388	280	54	722	13752	17842	32316	5350	691	0	27.6
Feb 2018	749	300	314	14101	15463	17723	33186	446	290	59	795	14101	17723	32619	1500	663	0	27.3
Mar 2018	795	306	308	14305	15715	17708	33423	490	298	52	841	14305	17708	32855	1500	1006	0	27.0
Apr 2018	796	304	254	14365	15719	18041	33759	486	297	-8	775	14365	18041	33181	1500	1055	0	27.0
May 2018	764	283	165	14125	15337	18477	33814	448	272	-121	600	14125	18477	33201	1500	959	0	28.2
Jun 2018	687	242	210	12687	13826	18800	32626	362	222	-115	469	12687	18800	31956	1500	917	0	29.7
Jul 2018	454	71	373	11263	12160	18966	31127	112	30	-8	134	11263	18966	30363	1500	831	0	29.8
								****CREDITABLE SPACE****										
Aug 2018	361	40	441	11290	12132	18822	30954	361	40	441	842	11290	18822	30954	1500	740	0	29.6
Sep 2018	386	59	463	11781	12689	18503	31192	386	59	463	908	11781	18503	31192	2270	696	0	29.2
Oct 2018	439	92	463	12105	13099	18376	31475	439	92	463	994	12105	18376	31475	3040	422	0	29.1

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3020

Processed On: 11/14/2016 1:56:18PM

October 24-Month Study
Date: October 14, 2016

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

Reservoir	September Inflow (unregulated) (acre-feet)	Percent of Average (%)	October 12, Midnight Elevation (feet)	October 12, Reservoir Storage (acre-feet)
Fontenelle	26,000	45	6,489.74	225,000
Flaming Gorge	36,000	43	6,025.97	3,196,000
Blue Mesa	38,000	69	7,497.49	641,000
Navajo	21,000	37	6,056.78	1,307,000
Powell	281,000	55	3,610.59	12,790,000

Expected Operations

The operation of Lake Powell and Lake Mead in this October 2016 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines) and reflects the 2016 Annual Operating Plan (AOP) and the draft 2017 AOP. Pursuant to the Interim Guidelines, the August 2016 24-Month Study projections of the January 1, 2017, system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2017.

Consistent with Section 6.B of the Interim Guidelines, Lake Powell's operations in water year 2017 will be governed by the Upper Elevation Balancing Tier, with an initial water year release volume of 8.23 million acre-feet (maf) and the potential for an April adjustment to equalization or balancing releases in April 2017. This October 2016 24-Month Study indicates that, consistent with Section 6.B.4 of the Interim Guidelines, an April adjustment to balancing releases is projected to occur and Lake Powell is projected to release 9.0 maf in water year 2017.

Consistent with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar year 2016.

The August 2016 24-Month Study projects the January 1, 2017 Lake Mead elevation to be above 1,075 feet above sea level (feet). Consistent with Section 2.B.5 of the Interim

Guidelines, the ICS Surplus Condition is the criterion governing the operation of Lake Mead for calendar year 2017.

The operational tier determinations will be documented in the 2017 AOP, which is currently in the final stages of development.

The Interim Guidelines are available for download at:
http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The 2016 AOP is available for download at:
http://www.usbr.gov/lc/region/g4000/aop/AOP16.pdf.
The draft 2017 AOP is available for download at
http://www.usbr.gov/uc/water/rsvrs/ops/aop/2017AOP_2016-09-02_Consultation-3.pdf

Fontenelle Reservoir – Fontenelle Reservoir is currently at elevation 6490 feet, which amounts to 65 percent of live storage capacity. Inflows for the month of September totaled 26,000 acre-feet (af), or 57 percent of average. Releases have been decreased to base flow levels of 920 cubic feet per second (cfs) and are forecasted to remain at this level through the winter, subject to hydrology.

The Colorado Basin River Forecast Center has forecasted spring inflows that are below average. October, November and December forecasted inflow volumes amount to 40,000 af (82 percent of average), 40,000 af (95 percent of average), and 40,000 af (100 percent of average), respectively.

The next Fontenelle Working Group meeting is scheduled for 10:00 a.m., April 19, 2017. The meeting will be held at Seedskadee Wildlife Refuge Headquarters, Wyoming. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir.

Flaming Gorge Reservoir – Flaming Gorge Dam is currently 1,300 cfs. Releases are anticipated to increase to 1,800 cfs during the December through February base flow period.

Unregulated inflow into Flaming Gorge Reservoir during the month of September was 36,000 af, or 65 percent of average. The reservoir elevation is 6,025.9 feet (85 percent of live capacity) and decreasing.

The September final forecast for inflows for the next three months projects much below average trending to above average: October, November and December forecasted inflow volumes at 50,000 af (85 percent of average), 50,000 af (98 percent of average), and 34,000 af (98 percent of average), respectively.

The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stakeholders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations and plans presented by Reclamation at these meetings. Meeting notes from past Working Group meetings are posted on the

Working Group webpage. For more information on this group and these meetings please contact Dale Hamilton at 801-379-1186 or Heather Patno at 801-524-3883.

Reclamation will be holding the Flaming Gorge Working Group meeting on Thursday, April 20, 2017, at 10:00 a.m. at the Utah Division of Wildlife Resources offices located at 318 North Vernal Avenue, Vernal, Utah.

Aspinall Unit Reservoirs – Crystal Dam is currently releasing 1500 cfs with 900 cfs being diverted through the Gunnison Tunnel and approximately 600 cfs flowing through the Black Canyon. The September unregulated inflow to Blue Mesa Reservoir was 38,000 af (100 percent of average) which was above the forecasted volume of 35,000 af (92 percent of average). The end of September reservoir elevation for Blue Mesa was 7500.48 feet. The peak elevation of Blue Mesa Reservoir for Water Year 2016 occurred on July 7, 2016 when the elevation reached 7515.98 feet above sea level. This elevation corresponds to a live storage level of 799,000 acre-feet (96 percent of full capacity).

Inflows to Blue Mesa for the next three months are projected to be below average: with October, November and December forecasted unregulated inflow volumes of 34,000 af (89 percent of average), 29,000 af (94 percent of average) and 25,000 af (96 percent of average), respectively.

The Aspinall Unit Working Group is an open public forum for information exchange between Reclamation and the stakeholders of the Aspinall Unit. The public is encouraged to attend and comments on the operations and plans presented by Reclamation at these meetings. Meeting notes from past working Group meetings are posted on the Working Group webpage. For more information on this group and these meetings please contact Erik Knight in the Grand Junction Area Office at (970) 248-0629.

The next meeting of the Aspinall Unit Working Group will be held on Thursday, January 19th, 2017 at 1:00 p.m. at the Holiday Inn Express located in Montrose, Colorado.

Navajo Reservoir – As of October 4, 2016, the water surface elevation of Navajo Reservoir is 6057 feet, which corresponds to a live storage content of 1.309 maf. Navajo Dam is releasing 450 cfs. Releases are being made for the authorized purposes of the Navajo Unit, and to attempt to maintain a target base flow through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell). The San Juan River Basin Recovery Implementation Program (SJRIP) recommends a target base flow of between 500 cfs and 1,000 cfs through the critical habitat area. The target base flow is calculated as the weekly average of gaged flows throughout the critical habitat area.

Modified unregulated inflow into Navajo during the month of September was 21,000 af, which was 49 percent of average. The total April-July modified unregulated inflow into Navajo for 2016 was 566,000 af, 77 percent of average.

Inflows for the next three months are projected to be below average: with October, November, and December forecasted inflow volumes at 27,000 af (57 percent of average), 29,000 af (87 percent of average), and 22,000 af (88 percent of average), respectively.

Releases will be made to maintain target baseflows in the critical habitat reach for the remainder of the year.

Reclamation conducts Public Operations Meetings three times per year to gather input for determining upcoming operations for Navajo Reservoir. Input from individuals, organizations, and agencies along with other factors such as weather, water rights, endangered species requirements, flood control, hydro power, recreation, fish and wildlife management, and reservoir levels, will be considered in the development of these reservoir operation plans. In addition, the meetings are used to coordinate activities and exchange information among agencies, water users, and other interested parties concerning the San Juan River and Navajo Reservoir.

The next Navajo Public Operations Meeting is scheduled for January 24, 2017, at 1:00 p.m. at the Farmington Civic Center, Farmington, NM.

Glen Canyon Dam / Lake Powell

Current Status

High-Flow Experiments (HFE) below Glen Canyon Dam are driven by weather, sediment inputs, and other resource conditions, in accordance with the Finding of No Significant Impact (FONSI) for the "Environmental Assessment of Development and Implementation of a Protocol for High-Flow Experimental Releases from Glen Canyon Dam, Arizona, 2011- 2020" (HFE Protocol).

When sediment conditions during the summer and fall meet specific thresholds as described in the HFE Protocol, a fall HFE can occur. Fall HFEs can be scheduled to occur anytime during the months of October and November, however under the HFE Protocol, HFEs have historically always occurred in November. Our best preliminary data and models runs indicate we now have enough sediment input from the Paria River for an HFE to occur at Glen Canyon Dam under the HFE Protocol. The HFE Technical Team will be meeting to begin planning for a possible HFE and reviewing the status of resources and potential resource impacts.

At this time we do not have a firm date for a fall HFE. However, further data collection, modeling, and analysis prior to the end of October may modify the expected duration and/or magnitude of a HFE. A final determination on the timing, magnitude and duration of a potential fall 2016 HFE will likely be made near the end of October.

The unregulated inflow to Lake Powell in September was 281 thousand acre-feet (kaf) (69 percent of average). The release volume from Glen Canyon Dam in September was 699 kaf. The end of September elevation and storage of Lake Powell was 3,610.93 feet (89 feet from full pool) and 12.8 maf (53% of full capacity), respectively. The water year

2016 unregulated inflow to Lake Powell was 9.62 maf (89% of average). The water year 2016 release from Lake Powell was 9.0 maf. The reservoir elevation peaked at 3,621.5 feet on July 9 and is now in its seasonal decline through the fall and winter months.

Current Operations

The operating tier for water year 2017, established in August 2016, is the Upper Elevation Balancing Tier, with an initial water year release volume of 8.23 maf and the potential for an April 2017 adjustment to equalization or balancing releases. Based on the current forecast, an April adjustment to balancing is projected to occur and Lake Powell is currently projected to release 9.0 maf in water year 2017. This projection will be updated each month throughout the water year. Reclamation will schedule operations at Glen Canyon Dam to achieve as practicably as possible the appropriate total annual release volume by September 30, 2017.

In October 2016, the release volume will be approximately 600 kaf, with fluctuations anticipated between approximately 7,000 cfs and 13,000 cfs and consistent with the Glen Canyon Operating Criteria (Federal Register, Volume 62, No. 41, March 3, 1997). The anticipated release volume for November is approximately 600 kaf with daily fluctuations between approximately 7,000 cfs and 13,000 cfs. The expected release for December is 900 kaf with daily fluctuations between approximately 11,000 cfs and 19,000 cfs.

In addition to daily scheduled fluctuations for power generation, the instantaneous releases from Glen Canyon Dam may also fluctuate to provide 40 megawatts (mw) of system regulation. These instantaneous release adjustments stabilize the electrical generation and transmission system and translate to a range of about 1,200 cfs above or below the hourly scheduled release rate. Under normal conditions, fluctuations for regulation are typically short lived and generally balance out over the hour with minimal or no noticeable impacts on downstream river flow conditions.

Releases from Glen Canyon Dam can also fluctuate beyond scheduled releases when called upon to respond to unscheduled power outages or power system emergencies. Depending on the severity of the system emergency, the response from Glen Canyon Dam can be significant, within the full range of the operating capacity of the power plant for as long as is necessary to maintain balance in the transmission system. Glen Canyon Dam currently maintains 27 mw (approximately 800 cfs) of generation capacity in reserve in order to respond to a system emergency even when generation rates are already high. System emergencies occur fairly infrequently and typically require small responses from Glen Canyon Dam. However, these responses can have a noticeable impact on the river downstream of Glen Canyon Dam.

Inflow Forecasts and Model Projections

The forecast for water year 2017 unregulated inflow to Lake Powell, issued on October 1, 2016, by the Colorado Basin River Forecast Center, projects that the most probable (median) unregulated inflow volume next year will be 9.24 maf (85% of average). There is significant uncertainty regarding next season's snow pack development and resulting

runoff into Lake Powell. The forecast ranges from a minimum probable of 6.0 maf (55%) to a maximum probable of 17.0 maf (157%). There is a 10% chance that inflows could be higher than the current maximum probable forecast and a 10% chance that inflows could be lower than the minimum probable forecast.

Based on the current forecast, the October 24-Month Study projects Lake Powell elevation will end water year 2017 near 3,609 feet with approximately 12.6 maf in storage (52% capacity). Note that projections of elevation and storage for water year 2017 have significant uncertainty at this point in the season. Projections of elevation and storage using the minimum and maximum probable inflow forecast, last updated in October, are 3,581 feet (10.0 maf, 41% capacity) and 3,641 feet (16.1 maf, 66% capacity), respectively. Under these scenarios, there is a 10 percent chance that inflows will be higher, resulting in higher elevation and storage, and 10 percent chance that inflows will be lower, resulting in lower elevation and storage. The annual release volume from Lake Powell during water year 2017 is projected to be 9.0 maf under the minimum and most probable inflow scenarios and 12.4 maf under the maximum probable inflow scenario. There is a chance that inflows could be higher or lower, potentially resulting in releases greater than 12.4 maf or as low as 8.23 maf in water year 2017. The minimum and maximum probable scenarios will be updated again in January.

Upper Colorado River Basin Hydrology

The Upper Colorado River Basin regularly experiences significant year to year hydrologic variability. During the 17-year period 2000 to 2016, however, the unregulated inflow to Lake Powell, which is a good measure of hydrologic conditions in the Colorado River Basin, was above average in only 3 out of the past 17 years. The period 2000-2016 is the lowest 17-year period since the closure of Glen Canyon Dam in 1963, with an average unregulated inflow of 8.57 maf, or 79 percent of the 30-year average (1981-2010). (For comparison, the 1981-2010 total water year average is 10.83 maf.) The unregulated inflow during the 2000-2016 period has ranged from a low of 2.64 maf (24 percent of average) in water year 2002 to a high of 15.97 maf (147 percent of average) in water year 2011. The water year 2016 unregulated inflow volume to Lake Powell was 9.62 maf (89 percent of average), which, though still below average, was higher than the water year release of 9.0 maf, which allowed Lake Powell to increase approximately 4.9 feet in elevation over the last water year. Under the current most probable forecast, total water year 2017 unregulated inflows to Lake Powell is projected to be 9.24 maf (85 percent of average).

At the beginning of water year 2017, total system storage in the Colorado River Basin was 30.7 maf (51 percent of 59.6 maf total system capacity). This is nearly the same as the total storage at the beginning of water year 2016 which began at 30.8 maf (52 percent of capacity). Since the beginning of water year 2000, total Colorado Basin storage has experienced year to year increases and decreases in response to wet and dry hydrology, ranging from a high of 94 percent of capacity at the beginning of 2000 to a low of 50 percent of capacity at the beginning of water year 2014. One wet year can significantly increase total system reservoir storage, just as persistent dry years can draw down the system storage. Based on current inflow forecasts, the current projected end of water

year 2017 total Colorado Basin reservoir storage is approximately 29.5 maf (50 percent of capacity). The actual end of water year storage may vary from this projection, primarily due to uncertainty regarding this season's runoff and resulting reservoir inflow. Based on the October minimum and maximum probable inflow forecasts and modeling the range is approximately 26.6 maf (45 percent of capacity) to 33.5 maf (56 percent of capacity), respectively.

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-430
125 SOUTH STATE STREET, ROOM 6107
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-3709

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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:	Obs				sep	Forecast		
:	jun	jul	aug	sep	%Avg	oct	nov	dec
GLDA3:Lake Powell	2907	595	253	281	69%:	450/	420/	330/
GBRW4:Fontenelle	293	80	29	26	57%:	40/	40/	32/
GRNU1:Flaming Gorge	455	91	28	36	65%:	50/	50/	34/
BMDC2:Blue Mesa	285	81	57	38	100%:	34/	29/	25/
MPSC2:Morrow Point	302	83	58	39	96%:	35/	30/	26/
CLSC2:Crystal	344	89	62	42	90%:	40/	33/	29/
TPIC2:Taylor Park	41	11.2	8.5	6.2	84%:	5.5/	5/	4/
VCRC2:Vallecito	77	17.1	15.1	14.0	80%:	10/	7/	6/
NVRN5:Navajo	214	24	30	21	49%:	27/	29/	22/
LEMC2:Lemon	23	2.3	4.6	3.8	93%:	2/	1.5/	1/
MPHC2:McPhee	78	17.2	16.4	7.2	63%:	7/	5/	4/
RBSC2:Ridgway	49	22	14.5	9.3	95%:	7/	5/	4/

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

October 2016 24-Month Study

Most Probable Inflow*

Fontenelle Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Oct 2015	46	1	46	15	61	6491.60	238
H	Nov 2015	40	1	56	1	57	6489.03	221
I	Dec 2015	36	1	58	0	58	6485.40	197
S	Jan 2016	32	1	49	10	58	6480.71	170
T	Feb 2016	34	0	55	0	55	6476.59	149
O	Mar 2016	50	1	58	0	58	6474.73	140
R	Apr 2016	91	1	56	0	56	6481.34	174
I	May 2016	186	2	86	20	106	6493.63	252
C	Jun 2016	293	2	101	143	243	6500.14	299
A	Jul 2016	80	3	73	3	76	6500.25	300
L	Aug 2016	29	2	65	0	65	6495.03	262
*	Sep 2016	26	2	36	21	58	6490.22	229
	WY 2016	**943**	**15**	**739**	**213**	**952**		
	Oct 2016	40	1	58	0	58	6487.28	210
	Nov 2016	40	1	55	0	55	6484.86	195
	Dec 2016	32	1	57	0	57	6480.54	170
	Jan 2017	28	1	57	0	57	6474.83	141
	Feb 2017	27	0	51	0	51	6469.32	116
	Mar 2017	43	0	57	0	57	6465.85	102
	Apr 2017	68	1	71	0	71	6464.82	98
	May 2017	120	1	92	0	92	6471.39	125
	Jun 2017	250	2	89	0	89	6497.97	284
	Jul 2017	168	3	102	9	111	6505.10	338
	Aug 2017	65	2	82	0	82	6502.60	319
	Sep 2017	44	2	70	0	70	6498.91	291
	WY 2017	**925**	**14**	**841**	**9**	**850**		
	Oct 2017	47	1	69	0	69	6495.79	268
	Nov 2017	42	1	67	0	67	6492.11	242
	Dec 2017	32	1	69	0	69	6486.39	205
	Jan 2018	30	1	69	0	69	6479.77	166
	Feb 2018	28	0	62	0	62	6472.60	130
	Mar 2018	53	0	69	0	69	6468.72	114
	Apr 2018	85	1	89	0	89	6467.64	109
	May 2018	164	1	98	7	105	6480.12	167
	Jun 2018	299	2	102	69	171	6499.27	293
	Jul 2018	178	3	101	28	129	6505.18	339
	Aug 2018	77	2	100	4	105	6501.30	309
	Sep 2018	46	2	89	0	89	6495.18	264
	WY 2018	**1080**	**15**	**984**	**108**	**1092**		

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3017

Processed On: 10/13/2016 1:41:04PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

October 2016 24-Month Study

Most Probable Inflow*

Flaming Gorge Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	Oct 2015	48	63	7	131	0	131	136	6030.73	3377	162
H	Nov 2015	38	55	4	131	0	131	133	6028.73	3300	176
I	Dec 2015	38	61	2	137	0	137	130	6026.75	3225	172
S	Jan 2016	44	71	2	134	0	134	127	6025.07	3163	168
T	Feb 2016	63	84	2	118	0	118	126	6024.11	3127	164
O	Mar 2016	84	93	3	51	0	51	127	6025.13	3165	131
R	Apr 2016	140	105	5	50	0	50	129	6026.43	3213	316
I	May 2016	362	282	8	52	0	52	138	6032.01	3427	701
C	Jun 2016	455	405	11	270	198	469	135	6030.17	3356	965
A	Jul 2016	91	88	13	116	4	120	133	6029.03	3312	223
L	Aug 2016	28	64	13	110	0	110	131	6027.55	3255	137
*	Sep 2016	36	67	11	107	0	107	129	6026.27	3207	127
	WY 2016	**1427**	**1437**	**80**	**1406**	**203**	**1609**				**3442**
	Oct 2016	50	68	7	85	0	85	128	6025.65	3184	106
	Nov 2016	50	65	3	77	0	77	128	6025.23	3169	110
	Dec 2016	34	59	2	106	0	106	126	6023.94	3121	134
	Jan 2017	40	69	2	111	0	111	124	6022.79	3079	136
	Feb 2017	41	65	2	100	0	100	123	6021.80	3044	123
	Mar 2017	94	108	3	52	0	52	125	6023.20	3094	118
	Apr 2017	125	128	5	48	0	48	127	6025.19	3167	231
	May 2017	185	157	8	104	0	104	129	6026.38	3212	589
	Jun 2017	325	164	10	154	0	154	129	6026.39	3212	609
	Jul 2017	205	148	13	91	0	91	131	6027.51	3254	171
	Aug 2017	76	93	12	91	0	91	131	6027.26	3244	112
	Sep 2017	50	76	11	88	0	88	130	6026.68	3223	103
	WY 2017	**1275**	**1200**	**78**	**1106**	**0**	**1106**				**2541**
	Oct 2017	55	77	7	91	0	91	129	6026.14	3203	119
	Nov 2017	50	75	3	88	0	88	128	6025.72	3187	117
	Dec 2017	35	72	2	91	0	91	127	6025.18	3167	116
	Jan 2018	40	79	2	91	0	91	127	6024.83	3154	116
	Feb 2018	45	79	2	82	0	82	127	6024.70	3149	110
	Mar 2018	102	119	3	91	0	91	128	6025.35	3173	167
	Apr 2018	134	137	5	88	0	88	129	6026.51	3216	303
	May 2018	245	186	8	154	0	154	130	6027.14	3240	686
	Jun 2018	390	262	10	140	0	140	135	6029.94	3347	560
	Jul 2018	210	162	14	98	0	98	137	6031.17	3395	198
	Aug 2018	89	117	13	98	0	98	137	6031.31	3400	124
	Sep 2018	55	99	11	95	0	95	136	6031.11	3392	114
	WY 2018	**1449**	**1462**	**80**	**1206**	**0**	**1206**				**2729**

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

October 2016 24-Month Study

Most Probable Inflow*

Taylor Park Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Oct 2015	7	8	9310.71	71
H	Nov 2015	5	6	9310.40	71
I	Dec 2015	5	6	9309.95	70
S	Jan 2016	6	6	9309.87	70
T	Feb 2016	4	5	9309.07	68
O	Mar 2016	5	6	9308.44	67
R	Apr 2016	9	6	9310.70	71
I	May 2016	17	11	9314.16	77
C	Jun 2016	41	20	9325.34	97
A	Jul 2016	11	21	9320.04	87
L	Aug 2016	9	16	9315.75	79
*	Sep 2016	6	14	9310.77	71
	WY 2016	**125**	**125**		
	Oct 2016	6	6	9310.46	71
	Nov 2016	5	5	9310.46	71
	Dec 2016	4	5	9309.83	70
	Jan 2017	4	5	9309.20	69
	Feb 2017	3	5	9307.91	67
	Mar 2017	3	5	9306.60	65
	Apr 2017	6	5	9307.26	66
	May 2017	23	10	9315.29	79
	Jun 2017	38	15	9327.72	102
	Jul 2017	14	20	9324.64	96
	Aug 2017	8	20	9318.16	84
	Sep 2017	6	17	9311.70	73
	WY 2017	**120**	**118**		
	Oct 2017	6	8	9310.35	70
	Nov 2017	5	6	9309.59	69
	Dec 2017	5	6	9308.75	68
	Jan 2018	4	6	9307.68	66
	Feb 2018	4	6	9306.24	64
	Mar 2018	4	6	9305.19	63
	Apr 2018	9	6	9307.03	65
	May 2018	28	20	9312.27	74
	Jun 2018	42	22	9323.41	93
	Jul 2018	20	22	9322.42	91
	Aug 2018	10	20	9317.07	82
	Sep 2018	7	16	9311.98	73
	WY 2018	**144**	**144**		

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

October 2016 24-Month Study

Most Probable Inflow*

Blue Mesa Reservoir

	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Oct 2015	33	34	1	87	0	87	7501.39	673
H	Nov 2015	30	31	0	45	0	45	7499.64	658
I	Dec 2015	27	28	0	62	0	62	7495.46	624
S	Jan 2016	27	27	0	61	0	61	7491.12	590
T	Feb 2016	26	27	0	59	0	58	7487.04	559
O	Mar 2016	41	42	0	36	0	37	7487.62	563
R	Apr 2016	75	72	1	63	0	63	7488.62	571
I	May 2016	161	155	1	134	19	153	7488.74	572
C	Jun 2016	285	265	1	46	0	46	7514.84	788
A	Jul 2016	81	91	2	112	0	112	7512.31	766
L	Aug 2016	57	65	1	110	0	110	7506.94	720
*	Sep 2016	38	46	1	100	0	100	7500.48	665
	WY 2016	**881**	**882**	**9**	**914**	**19**	**934**		
	Oct 2016	34	35	1	75	0	75	7495.48	625
	Nov 2016	29	29	0	36	0	36	7494.53	617
	Dec 2016	25	26	0	66	0	66	7489.49	577
	Jan 2017	23	24	0	53	0	53	7485.69	548
	Feb 2017	19	21	0	42	0	42	7482.90	527
	Mar 2017	30	32	0	35	0	35	7482.46	524
	Apr 2017	64	63	1	52	0	52	7483.83	534
	May 2017	177	164	1	162	0	162	7483.96	535
	Jun 2017	240	217	1	69	0	69	7502.53	682
	Jul 2017	85	91	1	86	0	86	7502.91	685
	Aug 2017	49	61	1	93	0	93	7498.96	653
	Sep 2017	35	46	1	82	0	82	7494.42	616
	WY 2017	**810**	**809**	**8**	**849**	**0**	**849**		
	Oct 2017	36	38	1	53	0	53	7492.56	601
	Nov 2017	30	32	0	26	0	26	7493.21	607
	Dec 2017	26	27	0	56	0	56	7489.45	577
	Jan 2018	24	26	0	50	0	50	7486.29	553
	Feb 2018	22	25	0	39	0	39	7484.36	538
	Mar 2018	36	38	0	33	0	33	7484.92	542
	Apr 2018	77	74	1	55	0	55	7487.35	561
	May 2018	221	213	1	172	0	172	7492.48	601
	Jun 2018	261	241	1	65	0	65	7513.35	775
	Jul 2018	117	119	2	80	0	80	7517.46	812
	Aug 2018	63	73	1	108	0	108	7513.45	776
	Sep 2018	38	47	1	97	0	97	7507.60	725
	WY 2018	**952**	**952**	**9**	**834**	**0**	**834**		

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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October 2016 24-Month Study

Most Probable Inflow*

Morrow Point Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Oct 2015	34	87	0	87	93	0	93	7135.56	98
H	Nov 2015	31	45	1	46	47	0	47	7133.97	97
I	Dec 2015	28	62	1	62	46	1	47	7154.01	112
S	Jan 2016	27	61	1	62	64	0	64	7150.69	110
T	Feb 2016	27	58	1	60	61	0	61	7148.82	108
O	Mar 2016	43	37	2	39	36	0	36	7152.74	111
R	Apr 2016	83	63	7	71	71	0	71	7152.57	111
I	May 2016	176	153	15	168	176	4	180	7136.53	99
C	Jun 2016	302	46	18	64	52	0	52	7152.31	111
A	Jul 2016	83	112	2	114	113	0	113	7153.43	112
L	Aug 2016	58	110	1	111	111	0	111	7153.88	112
*	Sep 2016	39	100	1	100	103	0	103	7150.03	109
	WY 2016	**931**	**934**	**49**	**983**	**972**	**5**	**978**		
	Oct 2016	35	75	1	76	73	0	73	7153.73	112
	Nov 2016	30	36	1	37	37	0	37	7153.73	112
	Dec 2016	26	66	1	67	67	0	67	7153.73	112
	Jan 2017	24	53	1	54	54	0	54	7153.73	112
	Feb 2017	20	42	1	43	43	0	43	7153.73	112
	Mar 2017	33	35	3	38	38	0	38	7153.73	112
	Apr 2017	71	52	7	59	59	0	59	7153.73	112
	May 2017	190	162	13	175	175	0	175	7153.73	112
	Jun 2017	255	69	15	84	84	0	84	7153.73	112
	Jul 2017	88	86	3	89	89	0	89	7153.73	112
	Aug 2017	51	93	2	95	95	0	95	7153.73	112
	Sep 2017	37	82	2	84	84	0	84	7153.73	112
	WY 2017	**860**	**849**	**50**	**899**	**896**	**0**	**896**		
	Oct 2017	38	53	2	55	55	0	55	7153.73	112
	Nov 2017	32	26	2	28	28	0	28	7153.73	112
	Dec 2017	28	56	2	58	58	0	58	7153.73	112
	Jan 2018	27	50	2	52	52	0	52	7153.73	112
	Feb 2018	25	39	3	41	41	0	41	7153.73	112
	Mar 2018	40	33	4	37	37	0	37	7153.73	112
	Apr 2018	88	55	11	66	66	0	66	7153.73	112
	May 2018	247	172	26	198	198	0	198	7153.73	112
	Jun 2018	281	65	20	85	85	0	85	7153.73	112
	Jul 2018	123	80	6	87	87	0	87	7153.73	112
	Aug 2018	67	108	3	111	111	0	111	7153.73	112
	Sep 2018	41	97	3	99	99	0	99	7153.73	112
	WY 2018	**1037**	**834**	**84**	**919**	**919**	**0**	**919**		

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Managing Water in the West

October 2016 24-Month Study

Most Probable Inflow*

Crystal Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
*	Oct 2015	37	93	3	96	0	94	94	6750.81	16	51	44
H	Nov 2015	34	47	3	50	0	50	50	6750.12	16	0	51
I	Dec 2015	32	47	4	51	40	12	52	6747.07	15	1	53
S	Jan 2016	31	64	4	68	67	0	68	6748.20	16	1	69
T	Feb 2016	30	61	3	64	63	0	63	6752.48	17	0	65
O	Mar 2016	48	36	5	41	41	0	41	6752.32	17	2	41
R	Apr 2016	92	71	9	80	80	0	80	6751.41	16	47	36
I	May 2016	194	180	18	198	109	64	197	6753.13	17	51	154
C	Jun 2016	344	52	41	93	74	20	93	6752.00	17	43	53
A	Jul 2016	89	113	6	119	117	2	119	6750.04	16	64	58
L	Aug 2016	62	111	4	114	114	0	114	6749.30	16	62	53
*	Sep 2016	42	103	3	106	106	1	107	6747.05	15	59	47
	WY 2016	**1034**	**978**	**103**	**1081**	**811**	**243**	**1080**			**384**	**724**
	Oct 2016	40	73	5	78	76	0	76	6753.04	17	30	46
	Nov 2016	33	37	3	40	40	0	40	6753.04	17	0	40
	Dec 2016	29	67	3	70	70	0	70	6753.04	17	0	70
	Jan 2017	28	54	4	58	58	0	58	6753.04	17	0	58
	Feb 2017	23	43	3	46	46	0	46	6753.04	17	0	46
	Mar 2017	37	38	4	42	42	0	42	6753.04	17	5	37
	Apr 2017	80	59	9	68	68	0	68	6753.04	17	30	38
	May 2017	210	175	20	195	134	61	195	6753.04	17	55	140
	Jun 2017	280	84	25	109	109	0	109	6753.04	17	60	49
	Jul 2017	97	89	9	98	98	0	98	6753.04	17	65	33
	Aug 2017	56	95	5	100	100	0	100	6753.04	17	65	35
	Sep 2017	42	84	5	89	89	0	89	6753.04	17	55	34
	WY 2017	**955**	**896**	**95**	**991**	**929**	**61**	**990**			**365**	**625**
	Oct 2017	44	55	5	60	60	0	60	6753.04	17	30	30
	Nov 2017	37	28	4	33	33	0	33	6753.04	17	0	33
	Dec 2017	32	58	5	63	63	0	63	6753.04	17	0	63
	Jan 2018	31	52	5	57	57	0	57	6753.04	17	0	57
	Feb 2018	29	41	4	45	45	0	45	6753.04	17	0	45
	Mar 2018	46	37	6	43	43	0	43	6753.04	17	5	38
	Apr 2018	101	66	12	79	79	0	79	6753.04	17	30	49
	May 2018	281	198	34	232	134	98	232	6753.04	17	55	177
	Jun 2018	315	85	34	119	119	0	119	6753.04	17	60	59
	Jul 2018	138	87	14	101	101	0	101	6753.04	17	65	36
	Aug 2018	75	111	8	119	119	0	119	6753.04	17	65	54
	Sep 2018	47	99	6	105	105	0	105	6753.04	17	55	50
	WY 2018	**1175**	**919**	**139**	**1057**	**959**	**98**	**1057**			**365**	**692**

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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October 2016 24-Month Study

Most Probable Inflow*

Vallecito Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Oct 2015	17	15	7645.65	77
H	Nov 2015	11	5	7648.25	83
I	Dec 2015	7	4	7649.57	86
S	Jan 2016	6	7	7649.21	85
T	Feb 2016	7	6	7649.77	86
O	Mar 2016	14	6	7652.71	94
R	Apr 2016	25	13	7657.23	105
I	May 2016	60	44	7663.23	121
C	Jun 2016	77	73	7664.30	124
A	Jul 2016	17	38	7656.15	102
L	Aug 2016	15	33	7648.82	84
*	Sep 2016	14	27	7643.21	71
	WY 2016	**269**	**270**		
	Oct 2016	10	15	7640.65	66
	Nov 2016	7	2	7643.00	71
	Dec 2016	6	2	7644.82	75
	Jan 2017	5	2	7646.17	78
	Feb 2017	4	2	7647.13	80
	Mar 2017	6	2	7648.82	84
	Apr 2017	18	2	7655.31	100
	May 2017	61	38	7664.10	123
	Jun 2017	68	67	7664.10	123
	Jul 2017	27	42	7658.37	108
	Aug 2017	18	38	7650.25	88
	Sep 2017	15	30	7643.82	73
	WY 2017	**245**	**240**		
	Oct 2017	14	17	7642.36	69
	Nov 2017	8	2	7645.26	76
	Dec 2017	6	2	7647.18	80
	Jan 2018	5	2	7648.65	84
	Feb 2018	5	2	7649.90	87
	Mar 2018	9	2	7652.60	93
	Apr 2018	23	2	7660.91	114
	May 2018	71	62	7664.11	123
	Jun 2018	70	70	7664.11	123
	Jul 2018	29	42	7659.11	110
	Aug 2018	20	38	7651.78	91
	Sep 2018	17	30	7646.54	79
	WY 2018	**279**	**269**		

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Managing Water in the West

October 2016 24-Month Study

Most Probable Inflow*

Navajo Reservoir

	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azetea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Farmington Flow (1000 Ac-Ft)
*	Oct 2015	42	1	40	2	9	29	6063.43	1392	55
H	Nov 2015	37	1	30	1	0	21	6064.00	1400	39
I	Dec 2015	23	0	19	1	0	21	6063.81	1397	34
S	Jan 2016	22	0	23	1	0	22	6063.77	1396	34
T	Feb 2016	42	2	39	1	1	28	6064.39	1405	43
O	Mar 2016	81	7	67	2	4	25	6067.08	1441	52
R	Apr 2016	119	13	94	3	19	22	6070.75	1491	53
I	May 2016	209	26	165	4	12	91	6074.87	1549	175
C	Jun 2016	214	35	174	5	25	250	6067.29	1443	376
A	Jul 2016	24	4	40	5	37	79	6061.29	1364	97
L	Aug 2016	30	4	45	4	33	35	6059.16	1337	54
*	Sep 2016	21	1	33	3	27	30	6056.98	1310	42
	WY 2016	**863**	**94**	**768**	**29**	**169**	**653**			**1054**
	Oct 2016	27	1	32	2	7	26	6056.77	1307	48
	Nov 2016	29	0	23	1	0	22	6056.78	1307	37
	Dec 2016	22	0	18	1	0	23	6056.31	1302	37
	Jan 2017	19	0	16	1	0	23	6055.67	1294	35
	Feb 2017	23	0	21	1	0	21	6055.58	1293	31
	Mar 2017	60	1	54	2	5	23	6057.57	1317	39
	Apr 2017	122	13	93	2	20	22	6061.37	1365	63
	May 2017	270	38	209	4	34	105	6066.35	1431	249
	Jun 2017	196	33	162	4	50	230	6056.89	1309	367
	Jul 2017	48	7	56	4	55	30	6054.21	1276	85
	Aug 2017	34	1	52	3	46	36	6051.43	1242	69
	Sep 2017	35	1	49	3	26	30	6050.69	1234	56
	WY 2017	**885**	**95**	**785**	**27**	**243**	**591**			**1116**
	Oct 2017	41	2	42	2	9	24	6051.36	1242	48
	Nov 2017	31	1	24	1	0	22	6051.44	1243	39
	Dec 2017	25	0	21	1	0	23	6051.17	1239	38
	Jan 2018	22	0	18	1	0	23	6050.73	1234	37
	Feb 2018	30	0	27	1	0	21	6051.19	1240	33
	Mar 2018	92	2	84	2	5	23	6055.65	1293	45
	Apr 2018	170	15	134	2	21	22	6062.70	1382	75
	May 2018	277	40	228	4	35	151	6065.57	1420	297
	Jun 2018	224	34	189	4	51	266	6055.23	1288	417
	Jul 2018	66	8	71	4	56	37	6053.08	1262	105
	Aug 2018	45	2	62	3	47	33	6051.20	1240	72
	Sep 2018	43	1	55	3	26	26	6051.19	1240	58
	WY 2018	**1067**	**103**	**955**	**26**	**251**	**672**			**1265**

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October 2016 24-Month Study

Most Probable Inflow*

Lake Powell

	Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry Gage (1000 Ac-Ft)
*	Oct 2015	535	680	34	600	0	600	3606.44	5044	12375	609
H	Nov 2015	421	506	32	577	0	577	3605.47	5036	12280	583
I	Dec 2015	266	393	26	857	0	857	3600.80	5000	11827	863
S	Jan 2016	300	433	8	857	0	857	3596.58	4968	11427	865
T	Feb 2016	396	490	8	700	0	700	3594.41	4952	11224	704
O	Mar 2016	553	486	14	694	0	694	3592.18	4935	11019	707
R	Apr 2016	814	681	22	665	0	665	3592.12	4935	11014	681
I	May 2016	2294	1925	26	700	0	700	3603.87	5024	12123	714
C	Jun 2016	2907	2618	46	800	0	800	3620.01	5155	13764	812
A	Jul 2016	595	804	58	950	0	950	3618.22	5140	13576	969
L	Aug 2016	253	432	56	900	0	900	3613.55	5101	13091	920
*	Sep 2016	281	461	50	699	0	699	3610.93	5080	12824	717
	WY 2016	**9616**	**9909**	**378**	**9000**	**0**	**9000**				**9145**
	Oct 2016	450	528	35	600	0	600	3609.95	5072	12725	609
	Nov 2016	420	448	33	600	0	600	3608.24	5058	12554	604
	Dec 2016	330	444	26	800	0	800	3604.66	5030	12200	803
	Jan 2017	320	425	8	800	0	800	3600.99	5001	11845	807
	Feb 2017	350	430	8	650	0	650	3598.77	4984	11633	654
	Mar 2017	550	483	14	650	0	650	3596.99	4971	11465	655
	Apr 2017	810	654	22	600	0	600	3597.30	4973	11495	609
	May 2017	1910	1721	27	650	0	650	3607.31	5051	12461	658
	Jun 2017	2560	2334	46	800	0	800	3620.71	5161	13839	807
	Jul 2017	820	750	57	1000	0	1000	3618.02	5138	13555	1016
	Aug 2017	400	508	56	1050	0	1050	3612.68	5094	13002	1065
	Sep 2017	320	425	50	800	0	800	3608.78	5062	12608	813
	WY 2017	**9240**	**9150**	**383**	**9000**	**0**	**9000**				**9102**
	Oct 2017	438	484	34	600	0	600	3607.39	5051	12469	609
	Nov 2017	439	465	33	600	0	600	3605.81	5039	12313	604
	Dec 2017	363	447	26	800	0	800	3602.22	5011	11963	803
	Jan 2018	361	438	8	800	0	800	3598.64	4983	11621	807
	Feb 2018	393	438	8	650	0	650	3596.47	4967	11417	654
	Mar 2018	665	589	14	650	0	650	3595.72	4961	11347	655
	Apr 2018	1056	875	22	600	0	600	3598.21	4980	11580	609
	May 2018	2343	2152	28	650	0	650	3612.12	5089	12945	658
	Jun 2018	2666	2348	48	800	0	800	3625.31	5200	14334	807
	Jul 2018	1091	977	60	1000	0	1000	3624.61	5194	14258	1016
	Aug 2018	500	591	58	1050	0	1050	3620.15	5156	13779	1065
	Sep 2018	408	517	53	800	0	800	3617.19	5131	13468	813
	WY 2018	**10723**	**10319**	**391**	**9000**	**0**	**9000**				**9102**

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3017

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

October 2016 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Glen Release (1000 Ac-Ft)	Side Inflow Glen to Hoover (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Oct 2015	600	118	42	578	9.4	20	577	645	1078.99	9927
H	Nov 2015	577	41	42	631	10.6	12	630	641	1078.23	9865
I	Dec 2015	857	43	36	619	10.1	9	618	656	1080.91	10087
S	Jan 2016	857	89	30	662	10.8	8	661	671	1083.68	10318
T	Feb 2016	700	81	28	699	12.2	10	698	673	1084.17	10360
O	Mar 2016	694	31	31	1008	16.4	18	1007	653	1080.45	10048
R	Apr 2016	665	68	38	1055	17.7	18	1055	630	1076.13	9693
I	May 2016	700	50	43	887	14.4	22	885	618	1073.80	9504
C	Jun 2016	800	14	51	920	15.5	28	919	606	1071.64	9330
A	Jul 2016	950	70	64	831	13.5	30	840	612	1072.75	9419
L	Aug 2016	900	107	69	701	11.4	28	700	625	1075.17	9615
*	Sep 2016	699	88	57	702	11.8	23	702	625	1075.23	9620
	WY 2016	**9000**	**799**	**531**	**9293**		**225**	**9292**			
	Oct 2016	600	69	42	516	8.4	20	516	631	1076.28	9705
	Nov 2016	600	56	42	701	11.8	11	701	625	1075.16	9614
	Dec 2016	800	54	36	492	8.0	6	492	644	1078.83	9915
	Jan 2017	800	62	30	709	11.5	8	709	651	1080.14	10022
	Feb 2017	650	73	27	722	13.0	7	722	649	1079.76	9991
	Mar 2017	650	55	30	1037	16.9	15	1037	626	1075.44	9637
	Apr 2017	600	53	37	1112	18.7	21	1112	595	1069.40	9152
	May 2017	650	37	42	1004	16.3	29	1004	571	1064.75	8788
	Jun 2017	800	21	49	899	15.1	29	899	562	1062.85	8641
	Jul 2017	1000	78	62	854	13.9	31	854	570	1064.45	8764
	Aug 2017	1050	124	66	773	12.6	29	773	588	1068.13	9052
	Sep 2017	800	112	55	743	12.5	16	743	594	1069.30	9144
	WY 2017	**9000**	**795**	**518**	**9562**		**221**	**9562**			
	Oct 2017	600	69	41	445	7.2	20	445	604	1071.23	9297
	Nov 2017	600	56	41	586	9.8	11	586	605	1071.45	9315
	Dec 2017	800	54	35	534	8.7	7	534	622	1074.69	9576
	Jan 2018	800	62	29	691	11.2	15	691	630	1076.16	9695
	Feb 2018	650	73	27	662	11.9	17	662	631	1076.34	9710
	Mar 2018	650	55	30	1006	16.4	23	1006	610	1072.23	9378
	Apr 2018	600	53	36	1055	17.7	26	1055	581	1066.73	8942
	May 2018	650	37	41	959	15.6	32	959	560	1062.55	8618
	Jun 2018	800	21	49	917	15.4	32	917	549	1060.37	8451
	Jul 2018	1000	78	61	831	13.5	32	831	559	1062.26	8596
	Aug 2018	1050	124	66	741	12.0	29	741	579	1066.38	8914
	Sep 2018	800	112	55	696	11.7	26	696	588	1067.99	9041
	WY 2018	**9000**	**795**	**511**	**9123**		**271**	**9123**			

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

October 2016 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Oct 2015	578	-7	15	655	0	655	10.7	635.80	1507
H	Nov 2015	631	-14	10	599	0	599	10.1	636.11	1514
I	Dec 2015	619	-13	9	527	0	527	8.6	638.77	1585
S	Jan 2016	662	-32	10	553	0	553	9.0	641.26	1651
T	Feb 2016	699	-20	10	675	0	675	11.7	641.04	1645
O	Mar 2016	1008	-16	13	921	0	921	15.0	643.17	1703
R	Apr 2016	1055	-18	17	979	0	979	16.4	644.70	1746
I	May 2016	887	-6	22	903	0	903	14.7	643.07	1701
C	Jun 2016	920	-16	26	838	0	838	14.1	644.53	1741
A	Jul 2016	831	-24	26	803	0	803	13.1	643.75	1719
L	Aug 2016	701	-12	23	714	0	714	11.6	642.00	1671
*	Sep 2016	702	-18	18	711	0	711	11.9	640.34	1627
	WY 2016	**9293**	**-195**	**198**	**8879**	**0**	**8879**			
	Oct 2016	516	-1	15	640	0	640	10.4	635.00	1486
	Nov 2016	701	-8	11	551	0	551	9.3	640.01	1617
	Dec 2016	492	-12	9	470	0	470	7.7	640.01	1617
	Jan 2017	709	-14	10	637	0	637	10.4	641.80	1666
	Feb 2017	722	-14	10	699	0	699	12.6	641.80	1666
	Mar 2017	1037	-16	13	974	0	974	15.8	643.05	1700
	Apr 2017	1112	-19	17	1078	0	1078	18.1	643.00	1699
	May 2017	1004	-13	22	969	0	969	15.8	643.00	1699
	Jun 2017	899	-16	25	884	0	884	14.9	642.00	1671
	Jul 2017	854	-13	25	829	0	829	13.5	641.50	1658
	Aug 2017	773	-11	23	739	0	739	12.0	641.50	1658
	Sep 2017	743	-9	18	756	0	756	12.7	640.01	1617
	WY 2017	**9562**	**-146**	**197**	**9227**	**0**	**9227**			
	Oct 2017	445	-1	15	612	0	612	10.0	633.00	1434
	Nov 2017	586	-8	10	517	0	517	8.7	635.00	1486
	Dec 2017	534	-12	9	416	0	416	6.8	638.71	1583
	Jan 2018	691	-14	10	584	0	584	9.5	641.80	1666
	Feb 2018	662	-14	10	639	0	639	11.5	641.80	1666
	Mar 2018	1006	-16	13	943	0	943	15.3	643.05	1700
	Apr 2018	1055	-19	17	1021	0	1021	17.2	643.00	1699
	May 2018	959	-13	22	924	0	924	15.0	643.00	1699
	Jun 2018	917	-16	25	903	0	903	15.2	642.00	1671
	Jul 2018	831	-13	25	806	0	806	13.1	641.50	1658
	Aug 2018	741	-11	23	707	0	707	11.5	641.50	1658
	Sep 2018	696	-9	18	709	0	709	11.9	640.01	1617
	WY 2018	**9123**	**-146**	**197**	**8779**	**0**	**8779**			

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

October 2016 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	Oct 2015	655	34	12	458	7.5	101	115	447.88	578	59	1.0
H	Nov 2015	599	11	9	385	6.5	98	120	447.57	572	93	1.6
I	Dec 2015	527	22	7	321	5.2	101	130	446.92	560	105	1.7
S	Jan 2016	553	26	6	324	5.3	97	156	446.60	554	154	2.5
T	Feb 2016	675	9	8	543	9.4	13	117	446.50	552	180	3.1
O	Mar 2016	921	18	9	695	11.3	89	123	447.40	569	221	3.6
R	Apr 2016	979	18	11	689	11.6	93	169	448.89	597	202	3.4
I	May 2016	903	13	13	636	10.3	97	176	448.08	581	97	1.6
C	Jun 2016	838	18	15	633	10.6	95	89	448.81	596	92	1.5
A	Jul 2016	803	20	17	617	10.0	100	74	449.03	600	102	1.7
L	Aug 2016	714	22	17	570	9.3	85	65	448.50	590	99	1.6
*	Sep 2016	711	14	15	490	8.2	89	134	447.97	579	92	1.5
	WY 2016	**8879**	**226**	**140**	**6360**		**1057**	**1467**			**1496**	
	Oct 2016	640	27	12	455	7.4	81	135	446.80	557	61	1.0
	Nov 2016	551	22	8	361	6.1	82	124	446.30	548	97	1.6
	Dec 2016	470	19	6	274	4.5	83	118	446.50	552	106	1.7
	Jan 2017	637	13	6	388	6.3	98	154	446.50	552	154	2.5
	Feb 2017	699	12	8	484	8.7	67	143	446.50	552	180	3.2
	Mar 2017	974	4	9	723	11.8	86	150	446.70	555	206	3.4
	Apr 2017	1078	19	11	760	12.8	96	183	448.70	593	192	3.2
	May 2017	969	16	13	673	10.9	98	189	448.70	593	97	1.6
	Jun 2017	884	14	16	686	11.5	96	87	448.70	593	98	1.6
	Jul 2017	829	29	17	653	10.6	98	90	448.00	580	99	1.6
	Aug 2017	739	26	17	556	9.0	98	91	447.50	571	99	1.6
	Sep 2017	756	23	15	506	8.5	96	153	447.50	570	89	1.5
	WY 2017	**9227**	**224**	**139**	**6519**		**1076**	**1616**			**1477**	
	Oct 2017	612	27	12	466	7.6	46	108	447.50	571	68	1.1
	Nov 2017	517	22	9	370	6.2	46	108	447.50	571	103	1.7
	Dec 2017	416	19	7	288	4.7	46	108	446.50	552	115	1.9
	Jan 2018	584	13	6	380	6.2	101	106	446.50	552	150	2.4
	Feb 2018	639	12	8	477	8.6	58	99	446.50	552	175	3.1
	Mar 2018	943	4	9	719	11.7	84	124	446.70	555	199	3.2
	Apr 2018	1021	19	11	758	12.7	98	124	448.70	593	185	3.1
	May 2018	924	16	13	677	11.0	101	137	448.70	593	93	1.5
	Jun 2018	903	14	16	690	11.6	98	99	448.70	593	94	1.6
	Jul 2018	806	29	17	655	10.7	101	62	448.00	580	95	1.5
	Aug 2018	707	26	17	555	9.0	101	56	447.50	571	96	1.6
	Sep 2018	709	23	15	498	8.4	98	112	447.50	570	86	1.5
	WY 2018	**8779**	**224**	**139**	**6534**		**976**	**1246**			**1460**	

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

October 2016 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Oct 2015	578	9.4	1078.99	9927	73	435.13	1088.0	221.8	70	383.6
H	Nov 2015	631	10.6	1078.23	9865	-63	433.49	1088.0	244.8	70	387.9
I	Dec 2015	619	10.1	1080.91	10087	222	434.77	1069.0	241.9	68	390.9
S	Jan 2016	662	10.8	1083.68	10318	232	438.04	775.0	258.5	49	390.7
T	Feb 2016	699	12.2	1084.17	10360	41	437.39	880.0	277.0	55	396.1
O	Mar 2016	1008	16.4	1080.45	10048	-311	434.20	973.0	402.7	61	399.7
R	Apr 2016	1055	17.7	1076.13	9693	-355	429.37	1244.0	413.9	80	392.2
I	May 2016	887	14.4	1073.80	9504	-189	426.83	1164.0	343.6	74	387.5
C	Jun 2016	920	15.5	1071.64	9330	-174	425.27	1528.0	349.7	100	380.2
A	Jul 2016	831	13.5	1072.75	9419	89	427.46	1528.0	311.5	100	374.8
L	Aug 2016	701	11.4	1075.17	9615	196	431.00	1549.0	265.2	100	378.4
*	Sep 2016	702	11.8	1075.23	9620	5	429.97	1539.0	266.3	100	379.1
	WY 2016	**9293**							**3596.9**		
	Oct 2016	516	8.4	1076.28	9705	86	427.20	1335.0	198.2	87	384.4
	Nov 2016	701	11.8	1075.16	9614	-92	429.13	1078.0	272.0	69	388.1
	Dec 2016	492	8.0	1078.83	9915	301	426.80	1375.0	187.8	88	382.1
	Jan 2017	709	11.5	1080.14	10022	108	429.34	1284.0	272.8	82	384.6
	Feb 2017	722	13.0	1079.76	9991	-32	429.66	1216.0	282.8	77	391.4
	Mar 2017	1037	16.9	1075.44	9637	-354	426.61	1242.0	401.3	80	387.1
	Apr 2017	1112	18.7	1069.40	9152	-485	421.01	1224.0	430.6	81	387.1
	May 2017	1004	16.3	1064.75	8788	-364	415.83	1188.0	376.8	80	375.3
	Jun 2017	899	15.1	1062.85	8641	-147	410.81	1474.0	331.4	100	368.8
	Jul 2017	854	13.9	1064.45	8764	124	411.15	1483.0	318.8	100	373.5
	Aug 2017	773	12.6	1068.13	9052	287	413.92	1504.0	287.9	100	372.3
	Sep 2017	743	12.5	1069.30	9144	92	416.80	1511.0	278.3	100	374.6
	WY 2017	**9562**							**3638.9**		
	Oct 2017	445	7.2	1071.23	9297	154	422.51	1227.0	166.8	81	375.0
	Nov 2017	586	9.8	1071.45	9315	18	426.59	1124.0	223.6	74	381.7
	Dec 2017	534	8.7	1074.69	9576	261	426.97	1063.0	200.9	69	376.3
	Jan 2018	691	11.2	1076.16	9695	119	427.07	1071.0	265.3	69	383.9
	Feb 2018	662	11.9	1076.34	9710	15	427.56	974.0	257.8	63	389.2
	Mar 2018	1006	16.4	1072.23	9378	-332	423.32	1221.6	384.5	80	382.3
	Apr 2018	1055	17.7	1066.73	8942	-436	418.10	1205.8	402.7	81	381.6
	May 2018	959	15.6	1062.55	8618	-324	413.41	1172.7	361.2	80	376.6
	Jun 2018	917	15.4	1060.37	8451	-166	408.49	1453.5	337.1	100	367.5
	Jul 2018	831	13.5	1062.26	8596	144	408.83	1464.2	307.6	100	370.3
	Aug 2018	741	12.0	1066.38	8914	318	411.97	1487.5	273.1	100	368.7
	Sep 2018	696	11.7	1067.99	9041	127	415.29	1496.7	257.8	100	370.4
	WY 2018	**9123**							**3438.4**		

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

October 2016 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Oct 2015	655	10.7	635.80	1507	-99	136.05	211.7	81.6	83	124.5
H	Nov 2015	599	10.1	636.11	1514	8	136.53	165.8	72.5	65	121.0
I	Dec 2015	527	8.6	638.77	1585	70	135.98	155.6	65.1	61	123.6
S	Jan 2016	553	9.0	641.26	1651	67	141.86	163.2	71.9	64	129.9
T	Feb 2016	675	11.7	641.04	1645	-6		178.5	86.3	70	127.8
O	Mar 2016	921	15.0	643.17	1703	58	139.07	214.2	117.9	84	128.0
R	Apr 2016	979	16.4	644.70	1746	42	143.66	255.0	125.4	100	128.2
I	May 2016	903	14.7	643.07	1701	-45	141.63	252.5	115.5	99	127.8
C	Jun 2016	838	14.1	644.53	1741	40	143.17	255.0	107.4	100	128.1
A	Jul 2016	803	13.1	643.75	1719	-22	144.39	252.5	103.3	99	128.6
L	Aug 2016	714	11.6	642.00	1671	-48	142.46	255.0	91.6	100	128.4
*	Sep 2016	711	11.9	640.34	1627	-45	138.91	255.0	90.5	100	127.3
	WY 2016	**8879**							**1129.0**		
	Oct 2016	640	10.4	635.00	1486	-141	132.15	196.4	78.1	77	122.0
	Nov 2016	551	9.3	640.01	1617	132	132.83	170.9	67.4	67	122.3
	Dec 2016	470	7.7	640.01	1617	0	135.53	168.3	58.9	66	125.2
	Jan 2017	637	10.4	641.80	1666	48	135.07	211.7	79.6	83	125.0
	Feb 2017	699	12.6	641.80	1666	0	136.69	188.7	87.4	74	125.0
	Mar 2017	974	15.8	643.05	1700	34	137.24	191.3	121.3	75	124.5
	Apr 2017	1078	18.1	643.00	1699	-2	136.07	255.0	134.1	100	124.4
	May 2017	969	15.8	643.00	1699	0	136.04	255.0	121.1	100	125.0
	Jun 2017	884	14.9	642.00	1671	-27	135.51	255.0	110.4	100	124.9
	Jul 2017	829	13.5	641.50	1658	-14	134.73	255.0	103.3	100	124.6
	Aug 2017	739	12.0	641.50	1658	0	134.46	255.0	92.4	100	124.9
	Sep 2017	756	12.7	640.01	1617	-40	133.68	255.0	93.8	100	124.0
	WY 2017	**9227**							**1147.7**		
	Oct 2017	612	10.0	633.00	1434	-183	130.77	201.5	74.1	79	121.2
	Nov 2017	517	8.7	635.00	1486	51	129.16	170.9	61.7	67	119.4
	Dec 2017	416	6.8	638.71	1583	97	132.23	168.3	51.0	66	122.7
	Jan 2018	584	9.5	641.80	1666	83	134.39	211.7	72.9	83	124.7
	Feb 2018	639	11.5	641.80	1666	0	136.69	188.7	80.1	74	125.4
	Mar 2018	943	15.3	643.05	1700	34	137.24	191.3	117.5	75	124.7
	Apr 2018	1021	17.2	643.00	1699	-2	136.07	255.0	127.3	100	124.6
	May 2018	924	15.0	643.00	1699	0	136.04	255.0	115.7	100	125.3
	Jun 2018	903	15.2	642.00	1671	-27	135.51	255.0	112.7	100	124.8
	Jul 2018	806	13.1	641.50	1658	-14	134.73	255.0	100.5	100	124.8
	Aug 2018	707	11.5	641.50	1658	0	134.46	255.0	88.4	100	125.1
	Sep 2018	709	11.9	640.01	1617	-40	133.68	255.0	88.1	100	124.3
	WY 2018	**8779**							**1089.9**		

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

October 2016 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Oct 2015	458	7.5	447.88	578	-3	81.97	91.2	32.3	76	70.6
H	Nov 2015	385	6.5	447.57	572	-6	83.21	96.0	27.1	80	70.3
I	Dec 2015	321	5.2	446.92	560	-12	82.51	120.0	21.9	100	68.4
S	Jan 2016	324	5.3	446.60	554	-6	80.76	94.8	22.3	79	68.8
T	Feb 2016	528	9.4	446.50	552	-2	78.54	87.6	38.1	73	72.2
O	Mar 2016	695	11.3	447.40	569	17	81.63	104.4	48.9	87	70.3
R	Apr 2016	689	11.6	448.89	597	28	83.09	120.0	48.4	100	70.3
I	May 2016	636	10.3	448.08	581	-15	82.13	120.0	45.1	100	70.9
C	Jun 2016	633	10.6	448.81	596	14	83.02	120.0	44.8	100	70.8
A	Jul 2016	617	10.0	449.03	600	4	83.16	120.0	43.7	100	70.9
L	Aug 2016	570	9.3	448.50	590	-10	82.60	120.0	40.2	100	70.7
*	Sep 2016	490	8.2	447.97	579	-10	82.24	120.0	34.7	100	70.9
	WY 2016	**6345**							**447.6**		
	Oct 2016	455	7.4	446.80	557	-22	76.05	92.4	29.9	77	65.7
	Nov 2016	361	6.1	446.30	548	-9	75.37	90.0	23.3	75	64.5
	Dec 2016	274	4.5	446.50	552	4	73.92	117.6	17.0	98	62.2
	Jan 2017	388	6.3	446.50	552	0	75.13	93.6	25.0	78	64.5
	Feb 2017	484	8.7	446.50	552	0	74.71	102.0	31.5	85	65.1
	Mar 2017	723	11.8	446.70	555	4	74.01	120.0	47.0	100	65.0
	Apr 2017	760	12.8	448.70	593	38	75.08	120.0	50.1	100	65.9
	May 2017	673	10.9	448.70	593	0	76.05	120.0	44.7	100	66.4
	Jun 2017	686	11.5	448.70	593	0	76.05	120.0	45.6	100	66.5
	Jul 2017	653	10.6	448.00	580	-13	75.71	120.0	43.2	100	66.1
	Aug 2017	556	9.0	447.50	571	-9	75.13	120.0	36.3	100	65.3
	Sep 2017	506	8.5	447.50	570	0	74.89	120.0	32.8	100	65.0
	WY 2017	**6519**							**426.4**		
	Oct 2017	466	7.6	447.50	571	0	75.74	100.8	30.5	84	65.4
	Nov 2017	370	6.2	447.50	571	0	75.92	97.2	24.0	81	64.9
	Dec 2017	288	4.7	446.50	552	-19	74.40	120.0	18.1	100	62.6
	Jan 2018	380	6.2	446.50	552	0	74.89	98.4	24.4	82	64.2
	Feb 2018	477	8.6	446.50	552	0	75.07	94.8	31.2	79	65.4
	Mar 2018	719	11.7	446.70	555	4	74.01	120.0	46.7	100	65.0
	Apr 2018	758	12.7	448.70	593	38	75.08	120.0	50.0	100	65.9
	May 2018	677	11.0	448.70	593	0	76.05	120.0	45.0	100	66.4
	Jun 2018	690	11.6	448.70	593	0	76.05	120.0	45.9	100	66.5
	Jul 2018	655	10.7	448.00	580	-13	75.71	120.0	43.3	100	66.1
	Aug 2018	555	9.0	447.50	571	-9	75.13	120.0	36.2	100	65.3
	Sep 2018	498	8.4	447.50	570	0	74.89	120.0	32.3	100	64.9
	WY 2018	**6534**							**427.6**		

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

October 2016 24-Month Study

Most Probable Inflow*

Upper Basin Power

	Date	Glen Canyon 1000 MWHR	Flaming Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Reservoir 1000 MWHR	Fontenelle Reservoir 1000 MWHR
*	Oct 2015	264	52	26	32	0	4
H	Nov 2015	256	52	13	15	0	4
I	Dec 2015	378	53	18	16	7	4
S	Jan 2016	373	52	17	22	13	3
T	Feb 2016	302	45	16	21	12	4
O	Mar 2016	298	20	10	11	7	4
	Winter 2016	**1871**	**274**	**100**	**118**	**38**	**23**
R	Apr 2016	288	19	18	25	16	4
I	May 2016	305	20	38	61	21	7
C	Jun 2016	360	105	14	18	15	9
A	Jul 2016	435	46	34	40	22	6
L	Aug 2016	408	44	33	39	22	6
*	Sep 2016	315	42	30	36	20	3
	Summer 2016	**2111**	**276**	**166**	**218**	**116**	**34**
	Oct 2016	241	31	22	26	13	5
	Nov 2016	241	28	11	13	7	4
	Dec 2016	319	39	19	24	12	4
	Jan 2017	317	40	15	19	10	4
	Feb 2017	256	36	12	15	8	3
	Mar 2017	255	19	10	14	7	4
	Winter 2017	**1629**	**193**	**90**	**112**	**57**	**25**
	Apr 2017	235	17	15	21	12	4
	May 2017	257	38	47	63	23	6
	Jun 2017	324	56	20	30	19	7
	Jul 2017	410	33	26	32	17	10
	Aug 2017	427	33	28	34	17	8
	Sep 2017	322	32	25	30	15	7
	Summer 2017	**1975**	**210**	**161**	**211**	**103**	**41**
	Oct 2017	240	33	16	20	10	6
	Nov 2017	239	32	8	10	6	6
	Dec 2017	318	33	17	21	11	6
	Jan 2018	315	33	15	19	10	5
	Feb 2018	255	30	11	15	8	4
	Mar 2018	254	33	10	13	7	5
	Winter 2018	**1621**	**194**	**76**	**98**	**52**	**32**
	Apr 2018	235	32	16	24	14	6
	May 2018	259	56	51	71	23	7
	Jun 2018	328	51	20	31	21	8
	Jul 2018	415	36	25	31	17	10
	Aug 2018	433	36	34	40	21	10
	Sep 2018	328	35	30	36	18	8
	Summer 2018	**1669**	**212**	**146**	**197**	**96**	**40**

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

October 2016 24-Month Study

Most Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions

Date	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Total KAF	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****CREDITABLE SPACE****										
Oct 2016	657	164	386	11498	12705	17757	30462	657	164	386	1207	11498	17757	30462	3040	516	0	30.0
Nov 2016	699	205	389	11597	12890	17672	30562	699	205	389	1293	11597	17672	30562	3810	701	0	29.8
Dec 2016	730	212	389	11768	13099	17763	30862	730	212	389	1331	11768	17763	30862	4580	492	0	29.7
Jan 2017	803	252	394	12122	13571	17462	31034	803	252	394	1449	12122	17462	31034	5350	709	0	29.3
								****EFFECTIVE SPACE****										
Jan 2017	803	252	394	12122	13571	17462	31034	357	139	157	653	12122	17462	30237	5350	709	0	29.4
Feb 2017	874	281	402	12477	14034	17355	31389	427	169	164	760	12477	17355	30592	1500	722	0	29.0
Mar 2017	934	302	403	12689	14328	17386	31714	486	192	164	842	12689	17386	30917	1500	1037	0	28.6
Apr 2017	898	305	379	12857	14438	17740	32178	444	197	133	774	12857	17740	31371	1500	1112	0	28.3
May 2017	828	295	331	12827	14282	18225	32507	367	185	62	614	12827	18225	31667	1500	1004	0	29.1
Jun 2017	757	294	265	11861	13178	18589	31767	286	170	-41	414	11861	18589	30864	1500	899	0	30.5
Jul 2017	598	147	387	10483	11616	18736	30352	114	-1	26	139	10483	18736	29358	1500	854	0	30.3
								****CREDITABLE SPACE****										
Aug 2017	502	144	420	10767	11833	18613	30446	502	144	420	1066	10767	18613	30446	1500	773	0	30.0
Sep 2017	531	177	454	11320	12481	18325	30807	531	177	454	1161	11320	18325	30807	2270	743	0	29.5
Oct 2017	580	213	462	11714	12970	18233	31203	580	213	462	1256	11714	18233	31203	3040	445	0	29.3
Nov 2017	623	228	454	11853	13159	18080	31238	623	228	454	1306	11853	18080	31238	3810	586	0	29.2
Dec 2017	665	223	453	12009	13350	18062	31412	665	223	453	1341	12009	18062	31412	4580	534	0	29.1
Jan 2018	722	252	457	12359	13791	17801	31592	722	252	457	1431	12359	17801	31592	5350	691	0	28.8
								****EFFECTIVE SPACE****										
Jan 2018	722	252	457	12359	13791	17801	31592	423	252	208	884	12359	17801	31044	5350	691	0	28.8
Feb 2018	775	277	462	12701	14214	17682	31896	473	277	213	963	12701	17682	31346	1500	662	0	28.6
Mar 2018	814	291	456	12905	14467	17667	32134	510	291	207	1008	12905	17667	31581	1500	1006	0	28.3
Apr 2018	807	287	403	12975	14472	17999	32471	499	287	146	932	12975	17999	31906	1500	1055	0	28.3
May 2018	768	269	314	12742	14092	18435	32527	453	269	34	756	12742	18435	31933	1500	959	0	29.5
Jun 2018	687	229	276	11377	12568	18759	31327	362	229	-43	548	11377	18759	30684	1500	917	0	31.0
Jul 2018	454	54	408	9988	10904	18926	29829	112	37	34	182	9988	18926	29096	1500	831	0	31.1
								****CREDITABLE SPACE****										
Aug 2018	360	17	434	10064	10876	18781	29657	360	17	434	812	10064	18781	29657	1500	741	0	30.9
Sep 2018	385	53	456	10543	11438	18463	29901	385	53	456	895	10543	18463	29901	2270	696	0	30.5

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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December 24-Month Study
Date: December 9, 2016

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

Reservoir	November Inflow (unregulated) (acre-feet)	Percent of Average (%)	December 8, Midnight Elevation (feet)	December 8, Midnight Reservoir Storage (acre-feet)
Fontenelle	62,000	148	6,489.06	221,000
Flaming Gorge	73,000	143	6,025.13	3,165,000
Blue Mesa	26,000	83	7,492.14	598,000
Navajo	24,000	58	6,055.75	1,295,000
Powell	383,000	81	3,606.53	12,384,000

Expected Operations

The operation of Lake Powell and Lake Mead in this December 2016 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines) and reflects the 2016 Annual Operating Plan (AOP) and the draft 2017 AOP. Pursuant to the Interim Guidelines, the August 2016 24-Month Study projections of the January 1, 2017, system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2017.

Consistent with Section 6.B of the Interim Guidelines, Lake Powell's operations in water year 2017 will be governed by the Upper Elevation Balancing Tier, with an initial water year release volume of 8.23 maf and the potential for an April adjustment to equalization or balancing releases in April 2017. This December 2016 24-Month Study indicates that, consistent with Section 6.B.4 of the Interim Guidelines, an April adjustment to balancing releases is projected to occur and Lake Powell is projected to release 9.0 maf in water year 2017.

Consistent with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar years 2016 and 2017.

The 2017 operational tier determinations will be documented in the 2017 AOP, which is currently in the final stages of development.

The Interim Guidelines are available for download at:
https://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The 2016 AOP is available for download at:
https://www.usbr.gov/lc/region/g4000/aop/AOP16.pdf.
The draft 2017 AOP is available for download at:
https://www.usbr.gov/uc/water/rsvrs/ops/aop/2017AOP_2016-09-02_Consultation-3.pdf.

Fontenelle Reservoir – Fontenelle Reservoir is currently at elevation 6489 feet above sea level (feet), which amounts to 66 percent of live storage capacity. Inflows for the month of November totaled 62,000 acre-feet (af), or 147 percent of average. Average to above average inflows are forecasted over the next few months and releases have been increased in order to meet the spring elevation target. Releases have been increased to base flow levels of 1,025 cubic feet per second (cfs) and are forecasted to remain at this level through the winter, subject to hydrology.

The Colorado Basin River Forecast Center has forecasted spring inflows that are above average. December, January and February forecasted inflow volumes amount to 38,000 af (119 percent of average), 32,000 af (107 percent of average), and 28,000 af (101 percent of average), respectively.

The next Fontenelle Working Group meeting is scheduled for 10:00 a.m., April 19, 2017. The meeting will be held at Seedskadee Wildlife Refuge Headquarters, Wyoming. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir.

Flaming Gorge Reservoir – Releases are increasing to 1,800 cfs from 1,300 cfs during the December through February base flow period, subject to hydrology.

Unregulated inflow into Flaming Gorge Reservoir during the month of November was 73,000 af, or 142 percent of average. The reservoir elevation is 6,025.25 feet (85 percent of live capacity) and decreasing.

The December final forecast for inflows for the next three months projects above average conditions: December, January and February forecasted inflow volumes at 40,000 af (115 percent of average), 43,000 af (107 percent of average), and 45,000 af (101 percent of average), respectively.

The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stakeholders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations and plans presented by Reclamation at these meetings. Meeting notes from past Working Group meetings are posted on the

Working Group webpage. For more information on this group and these meetings please contact Dale Hamilton at 801-379-1186 or Heather Patno at 801-524-3883.

Reclamation will be holding the Flaming Gorge Working Group meeting on Thursday, April 20, 2017, at 10:00 a.m. at the Utah Division of Wildlife Resources offices located at 318 North Vernal Avenue, Vernal, Utah.

Aspinall Unit Reservoirs – Crystal Dam is currently releasing 600 cfs and the Gunnison Tunnel diversion is shut down for the 2016 irrigation season. The average flow through the Black Canyon is measuring approximately 600 cfs at the stream gage below Gunnison Tunnel. The November unregulated inflow to Blue Mesa Reservoir was 26,000 af (84 percent of average) which was nearly equal to the forecasted volume of 27,000 af (87 percent of average). The end of November reservoir elevation for Blue Mesa was 7492.53 feet. The peak elevation of Blue Mesa Reservoir for Water Year 2016 occurred on July 7, 2016 when the elevation reached 7515.98 feet. This elevation corresponds to a live storage level of 799,000 af (96 percent of full capacity).

Inflows to Blue Mesa for the next three months are projected to be below average: with December, January and February forecasted unregulated inflow volumes of 24,000 af (92 percent of average), 22,000 af (92 percent of average) and 19,000 af (86 percent of average), respectively.

The Aspinall Unit Working Group is an open public forum for information exchange between Reclamation and the stakeholders of the Aspinall Unit. The public is encouraged to attend and comments on the operations and plans presented by Reclamation at these meetings. Meeting notes from past working Group meetings are posted on the Working Group webpage. For more information on this group and these meetings please contact Erik Knight in the Grand Junction Area Office at (970) 248-0629.

The next meeting of the Aspinall Unit Working Group will be held on Thursday, January 19th, 2017 at 1:00 pm at the Holiday Inn Express located in Montrose, Colorado.

Navajo Reservoir – As of November 30th, 2016, Navajo reservoir elevation is 6055.9 feet (1,296,000 af live storage) and is releasing 350 cfs. Releases are made for the authorized purposes of the Navajo Unit, and pursuant to the 2006 Record of Decision, in an attempt to maintain a target base flow through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell). The San Juan River Basin Recovery Implementation Program (SJRIP) recommends a target base flow of between 500 cfs and 1,000 cfs through the critical habitat area. The target base flow is calculated as the weekly average of gaged flows throughout the critical habitat area.

Modified unregulated inflow into Navajo during the month of November was 24,000 af, which was 71 percent of average. The total April-July modified unregulated inflow into Navajo for 2016 was 566,000 af, 77% of average.

Inflows for the next three months are projected to be below average: with December, January, and February forecasted inflow volumes at 20,000 af (80 percent of average), 18,000 af (82 percent of average), and 21,000 af (69 percent of average), respectively.

Releases will be made to maintain target baseflows in the critical habitat reach for the remainder of the year.

Reclamation conducts Public Operations Meetings three times per year to gather input for determining upcoming operations for Navajo Reservoir. Input from individuals, organizations, and agencies along with other factors such as weather, water rights, endangered species requirements, flood control, hydro power, recreation, fish and wildlife management, and reservoir levels, will be considered in the development of these reservoir operation plans. In addition, the meetings are used to coordinate activities and exchange information among agencies, water users, and other interested parties concerning the San Juan River and Navajo Reservoir.

The next Navajo Public Operations Meeting is scheduled for January 24th, 2017, at 1pm at the Farmington Civic Center, Farmington, NM.

Glen Canyon Dam / Lake Powell

Current Status

The unregulated inflow volume to Lake Powell in November was 383 thousand acre-feet (kaf) (81 percent of average). The release volume from Glen Canyon Dam in November was 750 kaf. The end of November elevation and storage of Lake Powell were 3,605.81 feet (94 feet from full pool) and 12.3 million acre-feet (maf) (51 percent of full capacity), respectively. The reservoir elevation is now declining and is expected to continue to decline until spring 2017.

Current Operations

The operating tier for water year 2017 was established in August 2016 as the Upper Elevation Balancing Tier, with an initial water year release volume of 8.23 maf and the potential for an April adjustment to equalization or balancing releases in April 2017. An April adjustment to balancing releases is projected to occur and Lake Powell is currently projected to release 9.0 maf in water year 2017. Reclamation will schedule operations at Glen Canyon Dam to achieve as practicably as possible the appropriate total annual release volume by September 30, 2017.

In December, the release volume will be approximately 900 kaf, with fluctuations anticipated between about 11,000 cfs in the nighttime to about 19,000 cfs in the daytime and consistent with the Glen Canyon Operating Criteria (Federal Register, Volume 62, No. 41, March 3, 1997). The anticipated release volume for January is 900 kaf.

In addition to daily scheduled fluctuations for power generation, the instantaneous releases from Glen Canyon Dam may also fluctuate to provide 40 mega-watts (mw) of system regulation. These instantaneous release adjustments stabilize the electrical generation and transmission system and translate to a range of about 1,200 cfs above or

below the hourly scheduled release rate. Under system normal conditions, fluctuations for regulation are typically short lived and generally balance out over the hour with minimal or no noticeable impacts on downstream river flow conditions.

Releases from Glen Canyon Dam can also fluctuate beyond scheduled releases when called upon to respond to unscheduled power outages or power system emergencies. Depending on the severity of the system emergency, the response from Glen Canyon Dam can be significant, within the full range of the operating capacity of the power plant for as long as is necessary to maintain balance in the transmission system. Glen Canyon Dam typically maintains 27 mw (approximately 800 cfs) of generation capacity in reserve in order to respond to a system emergency even when generation rates are already high. System emergencies occur fairly infrequently and typically require small responses from Glen Canyon Dam. However, these responses can have a noticeable impact on the river downstream of Glen Canyon Dam.

Inflow Forecasts and Model Projections

The forecast for water year 2017 unregulated inflow to Lake Powell, issued on December 1, 2016, by the Colorado Basin River Forecast Center, projects that the most probable (median) unregulated inflow volume will be 7.83 maf (72 percent of average based on the period 1981-2010). This is about a 20 kaf decrease from the forecast issued last month. At this early point in the season, there is significant uncertainty regarding next year's water supply. The forecast ranges from a minimum probable of 6.0 maf (55 percent of average) to a maximum probable of 17.0 maf (157 percent of average). There is 10 percent chance that inflows could be higher than the maximum probable and a 10 percent chance they could be lower than the minimum probable.

Based on the current forecast, the December 24-Month Study projects Lake Powell elevation will end water year 2017 near 3,595 feet with approximately 11.24 maf in storage (46 percent of capacity). Note that projections of elevation and storage have significant uncertainty at this early point in the season, primarily due to uncertainty regarding next season's snowpack and the resulting inflow to Lake Powell. Projections of elevation and storage using the minimum and maximum probable inflow forecast, last updated in October, are 3,581 feet (10.0 maf, 41 percent of capacity) and 3,641 feet (16.1 maf, 66 percent of capacity), respectively. Under these scenarios, there is a 10 percent chance that inflows will be higher, resulting in higher elevation and storage, and 10 percent chance that inflows will be lower, resulting in lower elevation and storage. The annual release volume from Lake Powell during water year 2017 is projected to be 9.0 maf under the minimum and most probable inflow scenarios and 12.0 maf under the maximum probable inflow scenario. There is a chance that inflows could be higher or lower, potentially resulting in releases greater than 12.0 maf or as low as 8.23 maf in water year 2017. The minimum and maximum probable scenarios will be updated again in January.

Upper Colorado River Basin Hydrology

The Upper Colorado River Basin regularly experiences significant year to year hydrologic variability. During the 17-year period 2000 to 2016, however, the unregulated inflow to Lake Powell, which is a good measure of hydrologic conditions in

the Colorado River Basin, was above average in only 3 out of the past 17 years. The period 2000-2016 is the lowest 17-year period since the closure of Glen Canyon Dam in 1963, with an average unregulated inflow of 8.57 maf, or 79 percent of the 30-year average (1981-2010). (For comparison, the 1981-2010 total water year average is 10.83 maf.) The unregulated inflow during the 2000-2016 period has ranged from a low of 2.64 maf (24 percent of average) in water year 2002 to a high of 15.97 maf (147 percent of average) in water year 2011. The water year 2016 unregulated inflow volume to Lake Powell was 9.62 maf (89 percent of average), which, though still below average, was higher than the water year release of 9.0 maf, which allowed Lake Powell to increase approximately 4.9 feet in elevation over the last water year. Under the current most probable forecast, total water year 2017 unregulated inflows to Lake Powell is projected to be 7.83 maf (72 percent of average).

At the beginning of water year 2017, total system storage in the Colorado River Basin was 30.7 maf (51 percent of 59.6 maf total system capacity). This is nearly the same as the total storage at the beginning of water year 2016 which began at 30.8 maf (52 percent of capacity). Since the beginning of water year 2000, total Colorado Basin storage has experienced year to year increases and decreases in response to wet and dry hydrology, ranging from a high of 94 percent of capacity at the beginning of 2000 to a low of 50 percent of capacity at the beginning of water year 2014. One wet year can significantly increase total system reservoir storage, just as persistent dry years can draw down the system storage. Based on current inflow forecasts, the current projected end of water year 2017 total Colorado Basin reservoir storage is approximately 28.5 maf (48 percent of capacity). The actual end of water year storage may vary from this projection, primarily due to uncertainty regarding this season's runoff and resulting reservoir inflow. Based on the October minimum and maximum probable inflow forecasts and modeling the range is approximately 26.6 maf (45 percent of capacity) to 33.5 maf (56 percent of capacity), respectively.

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-430
125 SOUTH STATE STREET, ROOM 6107
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-3709

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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:	Obs			nov	Forecast		
:	aug	sep	oct	nov	%Avg	dec	jan	feb
GLDA3:Lake Powell	253	281	381	383	81%:	320/	300/	340/
GBRW4:Fontenelle	29	26	57	62	147%:	38/	32/	28/
GRNU1:Flaming Gorge	28	36	70	73	142%:	40/	43/	45/
BMDC2:Blue Mesa	57	38	32	26	84%:	24/	22/	19/
MPSC2:Morrow Point	58	39	33	28	84%:	25/	23/	22/
CLSC2:Crystal	62	42	37	31	81%:	28/	26/	26/
TPIC2:Taylor Park	8.5	6.2	5.5	4.2	82%:	4/	3.7/	3.1/
VCRC2:Vallecito	15.1	14.0	11.4	6.5	74%:	5.5/	5/	4/
NVRN5:Navajo	30	21	27	24	72%:	20/	18/	21/
LEMC2:Lemon	4.6	3.8	2.0	1.07	64%:	0.9/	0.8/	0.6/
MPHC2:McPhee	16.4	9.6	3.9	3.5	59%:	3.5/	3.2/	3.4/
RBSC2:Ridgway	14.5	9.3	6.7	4.8	86%:	4/	4/	3.4/

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

December 2016 24-Month Study

Most Probable Inflow*

Fontenelle Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Dec 2015	36	1	58	0	58	6485.40	197
H	Jan 2016	32	1	49	10	58	6480.71	170
I	Feb 2016	34	0	55	0	55	6476.59	149
S	Mar 2016	50	1	58	0	58	6474.73	140
T	Apr 2016	91	1	56	0	56	6481.34	174
O	May 2016	186	2	86	20	106	6493.63	252
R	Jun 2016	293	2	101	143	243	6500.14	299
I	Jul 2016	80	3	73	3	76	6500.25	300
C	Aug 2016	29	2	65	0	65	6495.03	262
A	Sep 2016	26	2	36	21	58	6490.22	229
	WY 2016	**943**	**15**	**739**	**213**	**952**		
L	Oct 2016	57	1	0	57	57	6490.08	228
*	Nov 2016	62	1	0	59	59	6490.44	230
	Dec 2016	38	1	65	0	65	6486.17	203
	Jan 2017	32	1	63	0	63	6480.85	172
	Feb 2017	28	1	57	0	57	6475.12	142
	Mar 2017	46	0	63	0	63	6471.29	125
	Apr 2017	75	1	89	0	89	6467.76	110
	May 2017	150	1	97	8	105	6477.57	154
	Jun 2017	270	2	102	23	125	6499.76	297
	Jul 2017	170	3	101	22	123	6505.47	341
	Aug 2017	70	2	85	0	85	6503.22	324
	Sep 2017	46	2	72	0	72	6499.59	296
	WY 2017	**1044**	**15**	**794**	**169**	**963**		
	Oct 2017	49	1	69	0	69	6496.61	274
	Nov 2017	42	1	67	0	67	6492.96	248
	Dec 2017	32	1	69	0	69	6487.21	210
	Jan 2018	30	1	69	0	69	6480.59	170
	Feb 2018	28	1	63	0	63	6473.49	135
	Mar 2018	53	0	69	0	69	6469.55	117
	Apr 2018	85	1	89	0	89	6468.49	113
	May 2018	164	1	98	7	105	6480.71	171
	Jun 2018	299	2	102	69	171	6499.72	297
	Jul 2018	178	3	101	28	129	6505.60	342
	Aug 2018	77	2	100	5	105	6501.74	312
	Sep 2018	46	2	89	0	89	6495.65	267
	WY 2018	**1082**	**15**	**988**	**108**	**1096**		
	Oct 2018	49	1	92	0	92	6489.06	222
	Nov 2018	42	1	89	0	89	6481.38	175

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3021

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

December 2016 24-Month Study

Most Probable Inflow*

Flaming Gorge Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	Dec 2015	38	61	2	137	0	137	130	6026.75	3225	172
H	Jan 2016	44	71	2	134	0	134	127	6025.07	3163	168
I	Feb 2016	63	84	2	118	0	118	126	6024.11	3127	164
S	Mar 2016	84	93	3	51	0	51	127	6025.13	3165	131
T	Apr 2016	140	105	5	50	0	50	129	6026.43	3213	316
O	May 2016	362	282	8	52	0	52	138	6032.01	3427	701
R	Jun 2016	455	405	11	270	198	469	135	6030.17	3356	965
I	Jul 2016	91	88	13	116	4	120	133	6029.03	3312	220
C	Aug 2016	28	64	13	110	0	110	131	6027.55	3255	133
A	Sep 2016	36	67	11	107	0	107	129	6026.27	3207	123
	WY 2016	**1427**	**1437**	**80**	**1406**	**203**	**1609**				**3431**
L	Oct 2016	70	70	7	85	0	85	128	6025.69	3186	119
*	Nov 2016	73	70	4	77	0	77	128	6025.41	3175	112
	Dec 2016	40	67	2	106	0	106	126	6024.35	3136	132
	Jan 2017	43	74	2	111	0	111	125	6023.34	3099	134
	Feb 2017	45	74	2	100	0	100	124	6022.59	3072	121
	Mar 2017	90	107	3	52	0	52	126	6023.96	3122	110
	Apr 2017	115	129	5	48	0	48	129	6025.97	3196	193
	May 2017	205	160	8	104	0	104	130	6027.21	3243	474
	Jun 2017	325	180	10	156	0	156	131	6027.55	3256	556
	Jul 2017	200	153	13	95	0	95	133	6028.67	3298	160
	Aug 2017	82	97	13	95	0	95	132	6028.41	3288	113
	Sep 2017	50	76	11	92	0	92	131	6027.72	3262	106
	WY 2017	**1338**	**1257**	**79**	**1122**	**0**	**1122**				**2331**
	Oct 2017	55	76	7	95	0	95	130	6027.04	3236	122
	Nov 2017	50	75	3	92	0	92	129	6026.51	3216	121
	Dec 2017	35	72	2	95	0	95	128	6025.87	3192	121
	Jan 2018	40	80	2	95	0	95	128	6025.42	3176	120
	Feb 2018	45	80	2	86	0	86	127	6025.19	3167	114
	Mar 2018	102	119	3	95	0	95	128	6025.74	3187	172
	Apr 2018	134	137	5	92	0	92	130	6026.77	3226	307
	May 2018	245	186	8	157	0	157	131	6027.32	3247	689
	Jun 2018	390	262	10	140	0	140	135	6030.13	3354	560
	Jul 2018	210	162	14	98	0	98	137	6031.35	3402	198
	Aug 2018	89	117	13	98	0	98	137	6031.49	3407	124
	Sep 2018	55	99	11	95	0	95	137	6031.29	3399	114
	WY 2018	**1449**	**1463**	**80**	**1240**	**0**	**1240**				**2762**
	Oct 2018	59	103	7	98	0	98	137	6031.21	3396	131
	Nov 2018	51	98	4	95	0	95	137	6031.19	3395	127

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3021

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

December 2016 24-Month Study

Most Probable Inflow*

Taylor Park Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Dec 2015	5	6	9309.95	70
H	Jan 2016	6	6	9309.87	70
I	Feb 2016	4	5	9309.07	68
S	Mar 2016	5	6	9308.44	67
T	Apr 2016	9	6	9310.70	71
O	May 2016	17	11	9314.16	77
R	Jun 2016	41	20	9325.34	97
I	Jul 2016	11	21	9320.04	87
C	Aug 2016	9	16	9315.75	79
A	Sep 2016	6	14	9310.77	71
	WY 2016	**125**	**125**		
L	Oct 2016	5	6	9310.23	70
*	Nov 2016	4	5	9309.76	70
	Dec 2016	4	5	9309.13	69
	Jan 2017	4	5	9308.29	67
	Feb 2017	3	5	9307.06	65
	Mar 2017	3	5	9305.93	64
	Apr 2017	6	5	9306.26	64
	May 2017	18	10	9311.38	72
	Jun 2017	28	15	9318.99	85
	Jul 2017	12	15	9317.30	82
	Aug 2017	7	15	9312.61	74
	Sep 2017	5	15	9306.26	64
	WY 2017	**99**	**106**		
	Oct 2017	5	7	9305.07	62
	Nov 2017	5	6	9304.09	61
	Dec 2017	5	6	9303.18	60
	Jan 2018	4	6	9302.01	58
	Feb 2018	4	6	9300.43	56
	Mar 2018	4	6	9299.28	54
	Apr 2018	9	6	9301.30	57
	May 2018	28	20	9306.99	65
	Jun 2018	42	22	9318.89	85
	Jul 2018	20	22	9317.85	83
	Aug 2018	10	20	9312.16	73
	Sep 2018	7	16	9306.68	65
	WY 2018	**144**	**143**		
	Oct 2018	7	8	9305.79	63
	Nov 2018	5	6	9305.19	63

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

December 2016 24-Month Study

Most Probable Inflow*

Blue Mesa Reservoir

	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Dec 2015	27	28	0	62	0	62	7495.46	624
H	Jan 2016	27	27	0	61	0	61	7491.12	590
I	Feb 2016	26	27	0	59	0	58	7487.04	559
S	Mar 2016	41	42	0	36	0	37	7487.62	563
T	Apr 2016	75	72	1	63	0	63	7488.62	571
O	May 2016	161	155	1	134	19	153	7488.74	572
R	Jun 2016	285	265	1	46	0	46	7514.84	788
I	Jul 2016	81	91	2	112	0	112	7512.31	766
C	Aug 2016	57	65	1	110	0	110	7506.94	720
A	Sep 2016	38	46	1	100	0	100	7500.48	665
	WY 2016	**881**	**882**	**9**	**913**	**19**	**934**		
L	Oct 2016	32	33	1	90	0	90	7493.44	608
*	Nov 2016	26	27	0	33	0	33	7492.53	601
	Dec 2016	24	25	0	35	0	35	7491.25	591
	Jan 2017	22	23	0	35	0	35	7489.77	580
	Feb 2017	19	21	0	31	0	31	7488.49	570
	Mar 2017	29	31	0	38	0	38	7487.50	562
	Apr 2017	59	59	1	52	0	52	7488.23	568
	May 2017	135	127	1	169	0	169	7482.58	525
	Jun 2017	175	162	1	61	0	61	7495.48	625
	Jul 2017	66	69	1	78	0	78	7494.21	614
	Aug 2017	43	51	1	84	0	84	7489.89	580
	Sep 2017	33	43	1	73	0	73	7485.81	549
	WY 2017	**663**	**670**	**8**	**778**	**0**	**778**		
	Oct 2017	35	37	0	49	0	49	7484.07	536
	Nov 2017	30	31	0	19	0	19	7485.70	548
	Dec 2017	26	27	0	19	0	19	7486.68	556
	Jan 2018	24	26	0	35	0	35	7485.51	547
	Feb 2018	22	25	0	31	0	31	7484.68	541
	Mar 2018	36	38	0	35	0	35	7484.99	543
	Apr 2018	77	74	1	52	0	52	7487.81	564
	May 2018	221	213	1	171	0	171	7493.04	605
	Jun 2018	261	241	1	97	0	97	7510.23	748
	Jul 2018	117	119	2	118	0	118	7510.16	747
	Aug 2018	63	73	1	121	0	121	7504.46	698
	Sep 2018	38	47	1	109	0	109	7496.77	635
	WY 2018	**951**	**950**	**8**	**856**	**0**	**856**		
	Oct 2018	38	40	1	72	0	72	7492.62	602
	Nov 2018	31	32	0	31	0	31	7492.77	603

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3021

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

December 2016 24-Month Study

Most Probable Inflow*

Morrow Point Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Dec 2015	28	62	1	62	46	1	47	7154.01	112
H	Jan 2016	27	61	1	62	64	0	64	7150.69	110
I	Feb 2016	27	58	1	60	61	0	61	7148.82	108
S	Mar 2016	43	37	2	39	36	0	36	7152.74	111
T	Apr 2016	83	63	7	71	71	0	71	7152.57	111
O	May 2016	176	153	15	168	176	4	180	7136.53	99
R	Jun 2016	302	46	18	64	52	0	52	7152.31	111
I	Jul 2016	83	112	2	114	113	0	113	7153.43	112
C	Aug 2016	58	110	1	111	111	0	111	7153.88	112
A	Sep 2016	39	100	1	100	103	0	103	7150.03	109
	WY 2016	**931**	**934**	**49**	**983**	**972**	**5**	**978**		
L	Oct 2016	33	90	1	91	93	0	93	7146.55	106
*	Nov 2016	28	33	2	36	32	0	35	7147.39	107
	Dec 2016	25	35	1	36	31	0	31	7153.73	112
	Jan 2017	23	35	1	36	36	0	36	7153.73	112
	Feb 2017	22	31	3	34	34	0	34	7153.73	112
	Mar 2017	32	38	3	41	41	0	41	7153.73	112
	Apr 2017	67	52	8	60	60	0	60	7153.73	112
	May 2017	150	169	15	184	184	0	184	7153.73	112
	Jun 2017	185	61	10	71	71	0	71	7153.73	112
	Jul 2017	68	78	2	80	80	0	80	7153.73	112
	Aug 2017	44	84	1	85	85	0	85	7153.73	112
	Sep 2017	34	73	1	74	74	0	74	7153.73	112
	WY 2017	**711**	**778**	**48**	**826**	**821**	**0**	**823**		
	Oct 2017	36	49	1	51	51	0	51	7153.73	112
	Nov 2017	31	19	2	20	20	0	20	7153.73	112
	Dec 2017	28	19	2	21	21	0	21	7153.73	112
	Jan 2018	27	35	2	37	37	0	37	7153.73	112
	Feb 2018	25	31	3	33	33	0	33	7153.73	112
	Mar 2018	40	35	4	39	39	0	39	7153.73	112
	Apr 2018	88	52	11	63	63	0	63	7153.73	112
	May 2018	247	171	26	197	197	0	197	7153.73	112
	Jun 2018	281	97	20	117	117	0	117	7153.73	112
	Jul 2018	123	118	6	124	124	0	124	7153.73	112
	Aug 2018	67	121	3	124	124	0	124	7153.73	112
	Sep 2018	41	109	3	112	112	0	112	7153.73	112
	WY 2018	**1034**	**856**	**84**	**939**	**939**	**0**	**939**		
	Oct 2018	41	72	3	75	75	0	75	7153.73	112
	Nov 2018	33	31	2	33	33	0	33	7153.73	112

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3021

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

December 2016 24-Month Study

Most Probable Inflow*

Crystal Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
*	Dec 2015	32	47	4	51	40	12	52	6747.07	15	1	53
H	Jan 2016	31	64	4	68	67	0	68	6748.20	16	1	69
I	Feb 2016	30	61	3	64	63	0	63	6752.48	17	0	65
S	Mar 2016	48	36	5	41	41	0	41	6752.32	17	2	41
T	Apr 2016	92	71	9	80	80	0	80	6751.41	16	47	36
O	May 2016	194	180	18	198	109	64	197	6753.13	17	51	154
R	Jun 2016	344	52	41	93	74	20	93	6752.00	17	43	53
I	Jul 2016	89	113	6	119	117	2	119	6750.04	16	64	58
C	Aug 2016	62	111	4	114	114	0	114	6749.30	16	62	53
A	Sep 2016	42	103	3	106	106	1	107	6747.05	15	59	47
	WY 2016	**1034**	**978**	**103**	**1081**	**811**	**243**	**1080**			**384**	**724**
L	Oct 2016	37	93	4	97	97	0	97	6747.92	15	57	39
*	Nov 2016	31	35	3	38	37	0	37	6750.47	16	1	36
	Dec 2016	28	31	3	34	33	0	33	6753.04	17	0	33
	Jan 2017	26	36	3	39	39	0	39	6753.04	17	0	39
	Feb 2017	26	34	4	38	38	0	38	6753.04	17	0	38
	Mar 2017	37	41	5	46	46	0	46	6753.04	17	5	41
	Apr 2017	76	60	9	69	69	0	69	6753.04	17	30	39
	May 2017	168	184	18	202	134	67	202	6753.04	17	55	147
	Jun 2017	200	71	15	86	86	0	86	6753.04	17	60	26
	Jul 2017	74	80	6	86	86	0	86	6753.04	17	65	21
	Aug 2017	50	85	6	91	91	0	91	6753.04	17	65	26
	Sep 2017	40	74	6	80	80	0	80	6753.04	17	55	25
	WY 2017	**793**	**823**	**82**	**905**	**836**	**68**	**903**			**393**	**510**
	Oct 2017	42	51	6	57	57	0	57	6753.04	17	30	27
	Nov 2017	36	20	5	25	25	0	25	6753.04	17	0	25
	Dec 2017	32	21	5	26	26	0	26	6753.04	17	0	26
	Jan 2018	31	37	5	42	42	0	42	6753.04	17	0	42
	Feb 2018	29	33	4	37	37	0	37	6753.04	17	0	37
	Mar 2018	46	39	6	45	45	0	45	6753.04	17	5	40
	Apr 2018	101	63	12	76	76	0	76	6753.04	17	30	46
	May 2018	281	197	34	231	134	97	231	6753.04	17	55	176
	Jun 2018	315	117	34	151	130	21	151	6753.04	17	60	91
	Jul 2018	138	124	14	139	134	4	139	6753.04	17	65	74
	Aug 2018	75	124	8	132	132	0	132	6753.04	17	65	67
	Sep 2018	47	112	6	118	118	0	118	6753.04	17	55	63
	WY 2018	**1174**	**939**	**140**	**1079**	**956**	**123**	**1079**			**365**	**714**
	Oct 2018	47	75	6	81	81	0	81	6753.04	17	30	51
	Nov 2018	38	33	5	38	38	0	38	6753.04	17	0	38

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

December 2016 24-Month Study

Most Probable Inflow*

Vallecito Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Dec 2015	7	4	7649.57	86
H	Jan 2016	6	7	7649.21	85
I	Feb 2016	7	6	7649.77	86
S	Mar 2016	14	6	7652.71	94
T	Apr 2016	25	13	7657.23	105
O	May 2016	60	44	7663.23	121
R	Jun 2016	77	73	7664.30	124
I	Jul 2016	17	38	7656.15	102
C	Aug 2016	15	33	7648.82	84
A	Sep 2016	14	27	7643.21	71
	WY 2016	**269**	**270**		
L	Oct 2016	11	8	7644.63	74
*	Nov 2016	6	2	7646.51	79
	Dec 2016	6	2	7648.04	82
	Jan 2017	5	2	7649.34	85
	Feb 2017	4	2	7650.28	88
	Mar 2017	5	2	7651.50	91
	Apr 2017	15	2	7656.66	103
	May 2017	56	39	7662.88	120
	Jun 2017	57	58	7662.11	118
	Jul 2017	22	42	7654.30	98
	Aug 2017	16	38	7644.99	75
	Sep 2017	14	30	7637.63	59
	WY 2017	**217**	**226**		
	Oct 2017	14	17	7635.74	56
	Nov 2017	8	2	7638.84	62
	Dec 2017	6	2	7640.92	66
	Jan 2018	5	2	7642.52	70
	Feb 2018	5	2	7643.87	73
	Mar 2018	9	2	7646.75	79
	Apr 2018	23	2	7655.49	101
	May 2018	71	53	7662.54	119
	Jun 2018	70	70	7662.51	119
	Jul 2018	29	42	7657.49	106
	Aug 2018	20	38	7650.06	87
	Sep 2018	17	30	7644.72	75
	WY 2018	**278**	**259**		
	Oct 2018	16	17	7643.94	73
	Nov 2018	9	2	7646.95	80

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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December 2016 24-Month Study

Most Probable Inflow*

Navajo Reservoir

	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azetea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Farmington Flow (1000 Ac-Ft)
*	Dec 2015	23	0	19	1	0	21	6063.81	1397	34
H	Jan 2016	22	0	23	1	0	22	6063.77	1396	34
I	Feb 2016	42	2	39	1	1	28	6064.39	1405	43
S	Mar 2016	81	7	67	2	4	25	6067.08	1441	52
T	Apr 2016	119	13	94	3	19	22	6070.75	1491	53
O	May 2016	209	26	165	4	12	91	6074.87	1549	175
R	Jun 2016	214	35	174	5	25	250	6067.29	1443	376
I	Jul 2016	24	4	40	5	37	79	6061.29	1364	97
C	Aug 2016	30	4	45	4	33	35	6059.16	1337	55
A	Sep 2016	21	1	33	3	27	30	6056.98	1310	41
	WY 2016	**864**	**94**	**769**	**29**	**169**	**653**			**1054**
L	Oct 2016	27	0	24	2	5	27	6056.19	1300	47
*	Nov 2016	24	0	19	1	0	22	6055.87	1296	41
	Dec 2016	20	0	16	1	0	23	6055.26	1289	35
	Jan 2017	18	0	15	1	0	23	6054.51	1279	34
	Feb 2017	21	0	19	1	0	21	6054.25	1276	31
	Mar 2017	50	1	45	2	5	23	6055.53	1292	38
	Apr 2017	102	11	78	2	20	22	6058.19	1325	60
	May 2017	205	33	156	4	34	23	6065.52	1420	138
	Jun 2017	160	26	136	4	50	22	6069.84	1478	139
	Jul 2017	33	4	48	5	55	30	6066.78	1437	76
	Aug 2017	30	1	51	4	46	38	6063.98	1399	67
	Sep 2017	31	1	46	3	26	32	6062.89	1385	54
	WY 2017	**721**	**77**	**652**	**28**	**243**	**307**			**761**
	Oct 2017	38	1	40	2	9	24	6063.29	1390	46
	Nov 2017	30	1	23	1	0	22	6063.29	1390	39
	Dec 2017	25	0	21	1	0	23	6063.05	1387	38
	Jan 2018	22	0	18	1	0	23	6062.64	1382	37
	Feb 2018	30	0	27	1	0	21	6063.06	1387	33
	Mar 2018	92	2	84	2	5	23	6067.10	1441	45
	Apr 2018	170	15	134	3	21	22	6073.46	1529	75
	May 2018	277	41	218	4	35	215	6070.87	1493	361
	Jun 2018	224	33	190	4	51	296	6058.67	1331	448
	Jul 2018	66	7	72	4	56	82	6052.96	1261	149
	Aug 2018	45	1	62	3	47	33	6051.10	1238	72
	Sep 2018	43	1	55	3	26	26	6051.10	1239	58
	WY 2018	**1063**	**102**	**943**	**28**	**251**	**811**			**1401**
	Oct 2018	47	2	47	2	10	24	6052.07	1250	52
	Nov 2018	34	1	26	1	0	22	6052.28	1253	40

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

December 2016 24-Month Study

Most Probable Inflow*

Lake Powell

	Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry Gage (1000 Ac-Ft)
*	Dec 2015	266	393	26	857	0	857	3600.80	5000	11827	863
H	Jan 2016	300	433	8	857	0	857	3596.58	4968	11427	865
I	Feb 2016	396	490	8	700	0	700	3594.41	4952	11224	704
S	Mar 2016	553	486	14	694	0	694	3592.18	4935	11019	707
T	Apr 2016	814	681	22	665	0	665	3592.12	4935	11014	681
O	May 2016	2294	1925	26	700	0	700	3603.87	5024	12123	714
R	Jun 2016	2907	2618	46	800	0	800	3620.01	5155	13764	812
I	Jul 2016	595	804	58	950	0	950	3618.22	5140	13576	969
C	Aug 2016	253	432	56	900	0	900	3613.55	5101	13091	920
A	Sep 2016	281	461	50	699	0	699	3610.93	5080	12824	717
	WY 2016	**9616**	**9909**	**378**	**9000**	**0**	**9000**				**9145**
L	Oct 2016	381	477	35	601	0	601	3609.48	5068	12678	614
*	Nov 2016	383	389	33	624	126	750	3605.81	5039	12313	731
	Dec 2016	320	395	26	900	0	900	3600.75	4999	11822	903
	Jan 2017	300	386	8	900	0	900	3595.63	4961	11338	907
	Feb 2017	340	407	8	700	0	700	3592.62	4938	11059	704
	Mar 2017	500	451	14	600	0	600	3590.97	4926	10908	605
	Apr 2017	700	577	21	600	0	600	3590.52	4923	10867	609
	May 2017	1500	1317	26	600	0	600	3597.44	4974	11508	608
	Jun 2017	2100	1755	42	800	0	800	3606.22	5042	12353	807
	Jul 2017	650	614	52	950	0	950	3602.54	5013	11994	966
	Aug 2017	360	470	50	900	0	900	3597.88	4978	11549	915
	Sep 2017	300	410	45	699	0	699	3594.57	4953	11239	712
	WY 2017	**7834**	**7647**	**359**	**8874**	**126**	**9000**				**9083**
	Oct 2017	422	473	31	600	0	600	3592.98	4941	11092	609
	Nov 2017	431	455	30	600	0	600	3591.22	4928	10931	604
	Dec 2017	363	415	23	800	0	800	3587.02	4898	10553	803
	Jan 2018	361	428	7	800	0	800	3583.03	4870	10202	807
	Feb 2018	393	433	7	650	0	650	3580.64	4853	9994	654
	Mar 2018	665	595	12	650	0	650	3579.91	4848	9932	655
	Apr 2018	1056	877	20	600	0	600	3582.67	4867	10170	609
	May 2018	2343	2218	25	650	0	650	3598.41	4982	11599	658
	Jun 2018	2666	2409	44	800	0	800	3613.13	5098	13048	807
	Jul 2018	1091	1058	55	1000	0	1000	3613.17	5098	13052	1016
	Aug 2018	500	604	54	1050	0	1050	3608.59	5061	12589	1065
	Sep 2018	408	529	49	800	0	800	3605.60	5037	12292	813
	WY 2018	**10698**	**10494**	**357**	**9000**	**0**	**9000**				**9102**
	Oct 2018	512	574	33	600	0	600	3605.04	5033	12237	609
	Nov 2018	473	506	32	600	0	600	3603.84	5023	12121	600

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

December 2016 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Glen Release (1000 Ac-Ft)	Side Inflow Glen to Hoover (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Dec 2015	857	43	36	619	10.1	9	618	656	1080.91	10087
H	Jan 2016	857	89	30	662	10.8	8	661	671	1083.68	10318
I	Feb 2016	700	81	28	699	12.2	10	698	673	1084.17	10360
S	Mar 2016	694	31	31	1008	16.4	18	1007	653	1080.45	10048
T	Apr 2016	665	68	38	1055	17.7	18	1055	630	1076.13	9693
O	May 2016	700	50	43	887	14.4	22	885	618	1073.80	9504
R	Jun 2016	800	14	51	920	15.5	28	919	606	1071.64	9330
I	Jul 2016	950	70	64	831	13.5	30	840	612	1072.75	9419
C	Aug 2016	900	107	69	701	11.4	28	700	625	1075.17	9615
A	Sep 2016	699	88	57	702	11.8	22	701	625	1075.23	9620
	WY 2016	**9000**	**798**	**531**	**9293**		**224**	**9291**			
L	Oct 2016	601	79	42	518	8.4	25	517	631	1076.34	9710
*	Nov 2016	750	78	42	751	12.6	17	750	632	1076.55	9727
	Dec 2016	900	54	36	528	8.6	-2	528	656	1081.02	10096
	Jan 2017	900	62	30	688	11.2	5	688	671	1083.70	10320
	Feb 2017	700	73	28	654	11.8	6	654	676	1084.65	10400
	Mar 2017	600	55	31	1070	17.4	14	1070	648	1079.49	9968
	Apr 2017	600	53	38	1092	18.4	21	1092	618	1073.77	9501
	May 2017	600	37	42	936	15.2	26	936	595	1069.45	9156
	Jun 2017	800	21	51	857	14.4	27	857	588	1068.10	9049
	Jul 2017	950	78	63	804	13.1	30	804	596	1069.65	9172
	Aug 2017	900	124	68	751	12.2	28	751	607	1071.75	9339
	Sep 2017	699	112	56	728	12.2	25	728	607	1071.78	9342
	WY 2017	**9000**	**827**	**526**	**9376**		**221**	**9374**			
	Oct 2017	600	69	41	535	8.7	20	535	612	1072.64	9410
	Nov 2017	600	56	41	668	11.2	12	668	608	1071.88	9350
	Dec 2017	800	54	35	635	10.3	8	635	618	1073.93	9514
	Jan 2018	800	62	29	692	11.2	15	692	626	1075.39	9633
	Feb 2018	650	73	27	675	12.2	18	675	626	1075.43	9636
	Mar 2018	650	55	30	1010	16.4	23	1010	605	1071.26	9300
	Apr 2018	600	53	36	1056	17.7	26	1056	576	1065.73	8864
	May 2018	650	37	41	909	14.8	32	909	558	1062.15	8587
	Jun 2018	800	21	49	887	14.9	32	887	549	1060.34	8449
	Jul 2018	1000	78	61	802	13.0	32	802	560	1062.59	8621
	Aug 2018	1050	124	66	748	12.2	29	748	581	1066.60	8932
	Sep 2018	800	112	55	700	11.8	26	700	589	1068.17	9054
	WY 2018	**9000**	**795**	**511**	**9316**		**273**	**9316**			
	Oct 2018	600	69	40	444	7.2	26	444	598	1070.05	9203
	Nov 2018	600	52	41	580	9.7	17	580	599	1070.22	9217

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RECLAMATION
Managing Water in the West

December 2016 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Dec 2015	619	-13	9	527	0	527	8.6	638.77	1585
H	Jan 2016	662	-32	10	553	0	553	9.0	641.26	1651
I	Feb 2016	699	-20	10	675	0	675	11.7	641.04	1645
S	Mar 2016	1008	-16	13	921	0	921	15.0	643.17	1703
T	Apr 2016	1055	-18	17	979	0	979	16.4	644.70	1746
O	May 2016	887	-6	22	903	0	903	14.7	643.07	1701
R	Jun 2016	920	-16	26	838	0	838	14.1	644.53	1741
I	Jul 2016	831	-24	26	803	0	803	13.1	643.75	1719
C	Aug 2016	701	-12	23	714	0	714	11.6	642.00	1671
A	Sep 2016	702	-18	18	711	0	711	11.9	640.34	1627
	WY 2016	**9293**	**-195**	**198**	**8879**	**0**	**8879**			
L	Oct 2016	518	-7	15	640	0	640	10.4	634.86	1482
*	Nov 2016	751	-29	11	574	0	574	9.6	640.09	1620
	Dec 2016	528	-12	9	509	0	509	8.3	640.01	1617
	Jan 2017	688	-14	10	624	0	624	10.1	641.50	1658
	Feb 2017	654	-14	10	622	0	622	11.2	641.80	1666
	Mar 2017	1070	-16	13	1007	0	1007	16.4	643.05	1700
	Apr 2017	1092	-19	17	1058	0	1058	17.8	643.00	1699
	May 2017	936	-13	22	901	0	901	14.6	643.00	1699
	Jun 2017	857	-16	25	843	0	843	14.2	642.00	1671
	Jul 2017	804	-13	25	779	0	779	12.7	641.50	1658
	Aug 2017	751	-11	23	717	0	717	11.7	641.50	1658
	Sep 2017	728	-9	18	741	0	741	12.4	640.01	1617
	WY 2017	**9376**	**-173**	**197**	**9014**	**0**	**9014**			
	Oct 2017	535	-1	15	702	0	702	11.4	633.00	1434
	Nov 2017	668	-8	10	599	0	599	10.1	635.00	1486
	Dec 2017	635	-12	9	517	0	517	8.4	638.71	1583
	Jan 2018	692	-14	10	585	0	585	9.5	641.80	1666
	Feb 2018	675	-14	10	651	0	651	11.7	641.80	1666
	Mar 2018	1010	-16	13	947	0	947	15.4	643.05	1700
	Apr 2018	1056	-19	17	1021	0	1021	17.2	643.00	1699
	May 2018	909	-13	22	874	0	874	14.2	643.00	1699
	Jun 2018	887	-16	25	873	0	873	14.7	642.00	1671
	Jul 2018	802	-13	25	777	0	777	12.6	641.50	1658
	Aug 2018	748	-11	23	714	0	714	11.6	641.50	1658
	Sep 2018	700	-9	18	714	0	714	12.0	640.01	1617
	WY 2018	**9316**	**-146**	**197**	**8973**	**0**	**8973**			
	Oct 2018	444	-1	15	611	0	611	9.9	633.00	1434
	Nov 2018	580	-8	10	511	0	511	8.6	635.00	1486

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
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December 2016 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	Dec 2015	527	22	7	321	5.2	101	130	446.92	560	105	1.7
H	Jan 2016	553	26	6	324	5.3	97	156	446.60	554	154	2.5
I	Feb 2016	675	9	8	543	9.4	13	117	446.50	552	180	3.1
S	Mar 2016	921	18	9	695	11.3	89	123	447.40	569	221	3.6
T	Apr 2016	979	18	11	689	11.6	93	169	448.89	597	202	3.4
O	May 2016	903	13	13	636	10.3	97	176	448.08	581	97	1.6
R	Jun 2016	838	18	15	633	10.6	95	89	448.81	596	92	1.5
I	Jul 2016	803	20	17	617	10.0	100	74	449.03	600	102	1.7
C	Aug 2016	714	22	17	570	9.3	85	65	448.50	590	99	1.6
A	Sep 2016	711	14	15	490	8.2	89	134	447.97	579	92	1.5
	WY 2016	**8879**	**225**	**140**	**6360**		**1057**	**1467**			**1496**	
L	Oct 2016	640	36	12	466	7.6	80	133	446.90	559	61	1.0
*	Nov 2016	574	22	9	374	6.3	78	140	446.33	549	97	1.6
	Dec 2016	509	19	6	315	5.1	84	115	446.50	552	106	1.7
	Jan 2017	624	13	6	379	6.2	98	140	447.00	561	154	2.5
	Feb 2017	622	12	8	493	8.9	68	67	446.50	552	180	3.2
	Mar 2017	1007	4	9	727	11.8	76	188	446.70	555	206	3.4
	Apr 2017	1058	19	11	761	12.8	73	183	448.70	593	192	3.2
	May 2017	901	16	13	628	10.2	76	188	448.70	593	97	1.6
	Jun 2017	843	14	16	664	11.2	73	91	448.70	593	98	1.6
	Jul 2017	779	29	17	636	10.3	76	80	448.00	580	99	1.6
	Aug 2017	717	26	17	570	9.3	76	79	447.50	571	99	1.6
	Sep 2017	741	23	15	522	8.8	73	146	447.50	570	89	1.5
	WY 2017	**9014**	**234**	**139**	**6535**		**929**	**1550**			**1478**	
	Oct 2017	702	27	12	494	8.0	76	139	447.50	571	68	1.1
	Nov 2017	599	22	9	398	6.7	73	135	447.50	571	103	1.7
	Dec 2017	517	19	7	329	5.3	76	139	446.50	552	115	1.9
	Jan 2018	585	13	6	380	6.2	101	107	446.50	552	150	2.4
	Feb 2018	651	12	8	489	8.8	58	101	446.50	552	175	3.1
	Mar 2018	947	4	9	720	11.7	84	126	446.70	555	199	3.2
	Apr 2018	1021	19	11	756	12.7	98	126	448.70	593	185	3.1
	May 2018	874	16	13	625	10.2	101	139	448.70	593	93	1.5
	Jun 2018	873	14	16	660	11.1	98	101	448.70	593	94	1.6
	Jul 2018	777	29	17	625	10.2	101	63	448.00	580	95	1.5
	Aug 2018	714	26	17	564	9.2	101	57	447.50	571	96	1.6
	Sep 2018	714	23	15	501	8.4	98	114	447.50	570	86	1.5
	WY 2018	**8973**	**224**	**139**	**6541**		**1064**	**1347**			**1460**	
	Oct 2018	611	27	12	477	7.8	28	114	447.50	571	66	1.1
	Nov 2018	511	22	9	377	6.3	28	114	447.50	571	99	1.7

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3021

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

December 2016 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Dec 2015	619	10.1	1080.91	10087	222	434.77	1069.0	241.9	68	390.9
H	Jan 2016	662	10.8	1083.68	10318	232	438.04	775.0	258.5	49	390.7
I	Feb 2016	699	12.2	1084.17	10360	41	437.39	880.0	277.0	55	396.1
S	Mar 2016	1008	16.4	1080.45	10048	-311	434.20	973.0	402.7	61	399.7
T	Apr 2016	1055	17.7	1076.13	9693	-355	429.37	1244.0	413.9	80	392.2
O	May 2016	887	14.4	1073.80	9504	-189	426.83	1164.0	343.6	74	387.5
R	Jun 2016	920	15.5	1071.64	9330	-174	425.27	1528.0	349.7	100	380.2
I	Jul 2016	831	13.5	1072.75	9419	89	427.46	1528.0	311.5	100	374.8
C	Aug 2016	701	11.4	1075.17	9615	196	431.00	1549.0	265.2	100	378.4
A	Sep 2016	702	11.8	1075.23	9620	5	429.97	1539.0	266.3	100	379.1
	WY 2016	**9293**							**3596.9**		
L	Oct 2016	518	8.4	1076.34	9710	90	438.10	1158.0	195.2	87	377.1
*	Nov 2016	751	12.6	1076.55	9727	17	427.42	860.8	290.6	80	386.7
	Dec 2016	528	8.6	1081.02	10096	369	430.34	1103.0	199.4	71	377.9
	Jan 2017	688	11.2	1083.70	10320	224	432.30	1291.0	265.2	82	385.5
	Feb 2017	654	11.8	1084.65	10400	80	433.96	1228.0	255.2	77	390.3
	Mar 2017	1070	17.4	1079.49	9968	-432	431.04	1252.0	420.4	80	392.9
	Apr 2017	1092	18.4	1073.77	9501	-467	425.20	1233.0	426.2	81	390.2
	May 2017	936	15.2	1069.45	9156	-345	420.38	1192.0	357.8	79	382.2
	Jun 2017	857	14.4	1068.10	9049	-107	415.73	1494.0	325.1	100	379.2
	Jul 2017	804	13.1	1069.65	9172	122	416.32	1506.0	302.5	100	376.1
	Aug 2017	751	12.2	1071.75	9339	167	418.28	1525.0	281.5	100	375.0
	Sep 2017	728	12.2	1071.78	9342	3	419.82	1531.0	273.9	100	376.4
	WY 2017	**9376**							**3592.9**		
	Oct 2017	535	8.7	1072.64	9410	69	425.09	1145.0	199.9	75	373.9
	Nov 2017	668	11.2	1071.88	9350	-61	426.83	1227.0	254.7	80	381.3
	Dec 2017	635	10.3	1073.93	9514	164	426.80	1064.0	244.6	69	385.1
	Jan 2018	692	11.2	1075.39	9633	119	426.98	974.0	266.8	63	385.7
	Feb 2018	675	12.2	1075.43	9636	3	426.72	975.0	262.7	63	389.3
	Mar 2018	1010	16.4	1071.26	9300	-336	423.53	1065.0	390.5	70	386.8
	Apr 2018	1056	17.7	1065.73	8864	-436	418.34	1039.0	407.7	69	386.2
	May 2018	909	14.8	1062.15	8587	-277	412.77	1165.7	339.6	79	373.6
	Jun 2018	887	14.9	1060.34	8449	-138	408.28	1456.7	324.5	100	365.8
	Jul 2018	802	13.0	1062.59	8621	172	408.98	1469.4	295.9	100	369.1
	Aug 2018	748	12.2	1066.60	8932	311	412.24	1492.0	276.4	100	369.4
	Sep 2018	700	11.8	1068.17	9054	123	415.49	1500.8	259.7	100	370.9
	WY 2018	**9316**							**3523.1**		
	Oct 2018	444	7.2	1070.05	9203	149	422.01	1126.7	166.5	75	375.1
	Nov 2018	580	9.7	1070.22	9217	14	424.72	1212.1	219.5	80	378.6

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

December 2016 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Dec 2015	527	8.6	638.77	1585	70	135.98	155.6	65.1	61	123.6
H	Jan 2016	553	9.0	641.26	1651	67	141.86	163.2	71.9	64	129.9
I	Feb 2016	675	11.7	641.04	1645	-6		178.5	86.3	70	127.8
S	Mar 2016	921	15.0	643.17	1703	58	139.07	214.2	117.9	84	128.0
T	Apr 2016	979	16.4	644.70	1746	42	143.66	255.0	125.4	100	128.2
O	May 2016	903	14.7	643.07	1701	-45	141.63	252.5	115.5	99	127.8
R	Jun 2016	838	14.1	644.53	1741	40	143.17	255.0	107.4	100	128.1
I	Jul 2016	803	13.1	643.75	1719	-22	144.39	252.5	103.3	99	128.6
C	Aug 2016	714	11.6	642.00	1671	-48	142.46	255.0	91.6	100	128.4
A	Sep 2016	711	11.9	640.34	1627	-45	138.91	255.0	90.5	100	127.3
	WY 2016	**8879**							**1129.0**		
L	Oct 2016	640	10.4	634.86	1482	-144	135.70	201.5	79.3	79	123.8
*	Nov 2016	574	9.6	640.09	1620	138	140.91	170.9	71.1	67	123.8
	Dec 2016	509	8.3	640.01	1617	-2	135.57	168.3	63.6	66	125.0
	Jan 2017	624	10.1	641.50	1658	40	134.91	211.7	77.9	83	124.9
	Feb 2017	622	11.2	641.80	1666	8	136.54	188.7	78.0	74	125.3
	Mar 2017	1007	16.4	643.05	1700	34	137.24	191.3	125.2	75	124.3
	Apr 2017	1058	17.8	643.00	1699	-2	136.07	255.0	131.7	100	124.5
	May 2017	901	14.6	643.00	1699	0	136.04	255.0	112.9	100	125.4
	Jun 2017	843	14.2	642.00	1671	-27	135.51	255.0	105.4	100	125.1
	Jul 2017	779	12.7	641.50	1658	-14	134.73	255.0	97.3	100	124.9
	Aug 2017	717	11.7	641.50	1658	0	134.46	255.0	89.6	100	125.0
	Sep 2017	741	12.4	640.01	1617	-40	133.68	255.0	91.9	100	124.1
	WY 2017	**9014**							**1124.0**		
	Oct 2017	702	11.4	633.00	1434	-183	130.77	201.5	84.7	79	120.6
	Nov 2017	599	10.1	635.00	1486	51	129.16	170.9	71.2	67	118.9
	Dec 2017	517	8.4	638.71	1583	97	132.23	168.3	63.1	66	122.1
	Jan 2018	585	9.5	641.80	1666	83	134.39	211.7	72.9	83	124.7
	Feb 2018	651	11.7	641.80	1666	0	136.69	188.7	81.6	74	125.3
	Mar 2018	947	15.4	643.05	1700	34	137.24	191.3	118.0	75	124.6
	Apr 2018	1021	17.2	643.00	1699	-2	136.07	255.0	127.3	100	124.6
	May 2018	874	14.2	643.00	1699	0	136.04	255.0	109.7	100	125.5
	Jun 2018	873	14.7	642.00	1671	-27	135.51	255.0	109.0	100	124.9
	Jul 2018	777	12.6	641.50	1658	-14	134.73	255.0	97.0	100	124.9
	Aug 2018	714	11.6	641.50	1658	0	134.46	255.0	89.3	100	125.0
	Sep 2018	714	12.0	640.01	1617	-40	133.68	255.0	88.7	100	124.2
	WY 2018	**8973**							**1112.4**		
	Oct 2018	611	9.9	633.00	1434	-183	130.46	211.7	74.0	83	121.2
	Nov 2018	511	8.6	635.00	1486	51	128.56	188.7	61.0	74	119.4

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

December 2016 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Dec 2015	321	5.2	446.92	560	-12	82.51	120.0	21.9	100	68.4
H	Jan 2016	324	5.3	446.60	554	-6	80.76	94.8	22.3	79	68.8
I	Feb 2016	528	9.4	446.50	552	-2	78.54	87.6	38.1	73	72.2
S	Mar 2016	695	11.3	447.40	569	17	81.63	104.4	48.9	87	70.3
T	Apr 2016	689	11.6	448.89	597	28	83.09	120.0	48.4	100	70.3
O	May 2016	636	10.3	448.08	581	-15	82.13	120.0	45.1	100	70.9
R	Jun 2016	633	10.6	448.81	596	14	83.02	120.0	44.8	100	70.8
I	Jul 2016	617	10.0	449.03	600	4	83.16	120.0	43.7	100	70.9
C	Aug 2016	570	9.3	448.50	590	-10	82.60	120.0	40.2	100	70.7
A	Sep 2016	490	8.2	447.97	579	-10	82.24	120.0	34.7	100	70.9
	WY 2016	**6345**							**447.6**		
L	Oct 2016	466	7.6	446.90	559	-20	78.88	93.6	32.8	78	70.5
*	Nov 2016	374	6.3	446.33	549	-11	80.55	90.0	26.0	75	69.6
	Dec 2016	315	5.1	446.50	552	3	73.93	117.6	19.7	98	62.7
	Jan 2017	379	6.2	447.00	561	9	75.38	93.6	24.5	78	64.6
	Feb 2017	493	8.9	446.50	552	-9	74.96	102.0	32.2	85	65.3
	Mar 2017	727	11.8	446.70	555	4	74.01	120.0	47.2	100	65.0
	Apr 2017	761	12.8	448.70	593	38	75.08	120.0	50.2	100	65.9
	May 2017	628	10.2	448.70	593	0	76.05	120.0	41.6	100	66.2
	Jun 2017	664	11.2	448.70	593	0	76.05	120.0	44.1	100	66.4
	Jul 2017	636	10.3	448.00	580	-13	75.71	120.0	42.0	100	66.0
	Aug 2017	570	9.3	447.50	571	-9	75.13	120.0	37.2	100	65.3
	Sep 2017	522	8.8	447.50	570	0	74.89	120.0	33.9	100	65.0
	WY 2017	**6535**							**431.6**		
	Oct 2017	494	8.0	447.50	571	0	75.74	100.8	32.4	84	65.6
	Nov 2017	398	6.7	447.50	571	0	75.92	97.2	26.0	81	65.2
	Dec 2017	329	5.3	446.50	552	-19	74.40	120.0	20.8	100	63.2
	Jan 2018	380	6.2	446.50	552	0	74.89	98.4	24.4	82	64.2
	Feb 2018	489	8.8	446.50	552	0	75.07	94.8	32.0	79	65.4
	Mar 2018	720	11.7	446.70	555	4	74.01	120.0	46.8	100	65.0
	Apr 2018	756	12.7	448.70	593	38	75.08	120.0	49.8	100	65.9
	May 2018	625	10.2	448.70	593	0	76.05	120.0	41.4	100	66.2
	Jun 2018	660	11.1	448.70	593	0	76.05	120.0	43.8	100	66.4
	Jul 2018	625	10.2	448.00	580	-13	75.71	120.0	41.2	100	66.0
	Aug 2018	564	9.2	447.50	571	-9	75.13	120.0	36.8	100	65.3
	Sep 2018	501	8.4	447.50	570	0	74.89	120.0	32.6	100	64.9
	WY 2018	**6541**							**428.0**		
	Oct 2018	477	7.8	447.50	571	0	75.86	98.4	31.3	82	65.6
	Nov 2018	377	6.3	447.50	571	0	75.80	99.6	24.4	83	64.9

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

December 2016 24-Month Study

Most Probable Inflow*

Upper Basin Power

	Date	Glen Canyon 1000 MWHR	Flaming Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Reservoir 1000 MWHR	Fontenelle Reservoir 1000 MWHR
*	Dec 2015	378	53	18	16	7	4
H	Jan 2016	373	52	17	22	13	3
I	Feb 2016	302	45	16	21	12	4
S	Mar 2016	298	20	10	11	7	4
	Winter 2016	**1871**	**274**	**100**	**118**	**38**	**23**
T	Apr 2016	288	19	18	25	16	4
O	May 2016	305	20	38	61	21	7
R	Jun 2016	360	105	14	18	15	9
I	Jul 2016	435	46	34	40	22	6
C	Aug 2016	408	44	33	39	22	6
A	Sep 2016	315	42	30	36	20	3
	Summer 2016	**2111**	**276**	**166**	**218**	**116**	**34**
L	Oct 2016	269	33	26	33	19	0
*	Nov 2016	277	30	9	11	6	0
	Dec 2016	357	39	10	11	6	5
	Jan 2017	353	40	10	13	7	5
	Feb 2017	272	36	9	12	7	4
	Mar 2017	232	19	11	15	8	4
	Winter 2017	**1760**	**198**	**76**	**95**	**51**	**19**
	Apr 2017	231	17	15	22	12	6
	May 2017	233	38	49	66	23	7
	Jun 2017	316	57	18	26	15	8
	Jul 2017	377	35	23	29	15	10
	Aug 2017	354	35	25	31	16	8
	Sep 2017	273	34	21	27	14	7
	Summer 2017	**1786**	**216**	**152**	**200**	**94**	**45**
	Oct 2017	233	35	14	18	10	6
	Nov 2017	232	34	5	7	4	6
	Dec 2017	308	35	6	8	5	6
	Jan 2018	305	35	10	13	7	5
	Feb 2018	246	31	9	12	6	5
	Mar 2018	245	35	10	14	8	5
	Winter 2018	**1568**	**204**	**54**	**73**	**40**	**33**
	Apr 2018	227	34	15	23	13	6
	May 2018	251	57	50	71	23	7
	Jun 2018	319	51	30	42	22	9
	Jul 2018	405	36	37	45	23	10
	Aug 2018	423	36	37	45	23	10
	Sep 2018	320	35	33	40	20	8
	Summer 2018	**1623**	**215**	**169**	**226**	**105**	**40**
	Oct 2018	239	36	22	27	14	8
	Nov 2018	238	35	9	12	6	7

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

December 2016 24-Month Study

Most Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions

Date	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Total KAF	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****CREDITABLE SPACE****										
Dec 2016	688	228	400	12009	13325	17650	30975	688	228	400	1316	12009	17650	30975	4580	528	0	29.5
Jan 2017	755	238	407	12500	13901	17281	31182	755	238	407	1400	12500	17281	31182	5350	688	0	29.2
								****EFFECTIVE SPACE****										
Jan 2017	755	238	407	12500	13901	17281	31182	358	42	331	731	12500	17281	30513	5350	688	0	29.2
Feb 2017	823	250	417	12984	14473	17057	31530	425	55	340	820	12984	17057	30860	1500	654	0	28.9
Mar 2017	880	260	420	13263	14822	16977	31799	480	66	342	889	13263	16977	31128	1500	1070	0	28.4
Apr 2017	847	268	404	13414	14932	17409	32341	443	75	319	837	13414	17409	31659	1500	1092	0	28.1
May 2017	788	262	371	13455	14876	17876	32751	375	69	264	707	13455	17876	32038	1500	936	0	28.5
Jun 2017	697	305	276	12814	14093	18221	32314	274	102	131	507	12814	18221	31542	1500	857	0	29.5
Jul 2017	541	205	218	11969	12933	18328	31261	105	-12	18	111	11969	18328	30407	1500	804	0	29.3
								****CREDITABLE SPACE****										
Aug 2017	455	215	259	12328	13257	18205	31462	455	215	259	929	12328	18205	31462	1500	751	0	28.9
Sep 2017	482	249	297	12773	13801	18038	31839	482	249	297	1028	12773	18038	31839	2270	728	0	28.5
Oct 2017	536	280	311	13083	14211	18035	32246	536	280	311	1128	13083	18035	32246	3040	535	0	28.1
Nov 2017	584	293	306	13230	14413	17967	32379	584	293	306	1183	13230	17967	32379	3810	668	0	27.9
Dec 2017	630	281	306	13391	14608	18027	32635	630	281	306	1217	13391	18027	32635	4580	635	0	27.7
Jan 2018	692	274	309	13769	15044	17863	32906	692	274	309	1274	13769	17863	32906	5350	692	0	27.5
								****EFFECTIVE SPACE****										
Jan 2018	692	274	309	13769	15044	17863	32906	402	220	60	683	13769	17863	32315	5350	692	0	27.5
Feb 2018	748	283	314	14120	15466	17744	33210	457	231	65	753	14120	17744	32617	1500	675	0	27.3
Mar 2018	792	289	309	14328	15718	17741	33458	498	239	59	796	14328	17741	32865	1500	1010	0	27.0
Apr 2018	789	287	255	14390	15721	18077	33798	491	238	-2	727	14390	18077	33194	1500	1056	0	26.9
May 2018	755	265	167	14152	15339	18513	33852	450	213	-113	550	14152	18513	33215	1500	909	0	28.2
Jun 2018	676	224	203	12723	13827	18790	32617	362	163	-116	408	12723	18790	31922	1500	887	0	29.7
Jul 2018	443	82	365	11274	12164	18928	31092	112	-1	-10	101	11274	18928	30302	1500	802	0	29.9
								****CREDITABLE SPACE****										
Aug 2018	350	82	435	11270	12138	18756	30894	350	82	435	867	11270	18756	30894	1500	748	0	29.6
Sep 2018	375	131	458	11733	12697	18445	31143	375	131	458	964	11733	18445	31143	2270	700	0	29.3
Oct 2018	428	194	457	12030	13110	18323	31432	428	194	457	1080	12030	18323	31432	3040	444	0	29.1
Nov 2018	476	228	446	12085	13234	18174	31408	476	228	446	1150	12085	18174	31408	3810	580	0	29.0

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3021

Processed On: 12/7/2016 3:22:03PM

January 24-Month Study
Date: January 13, 2017

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

Reservoir	December Inflow (unregulated) (acre-feet)	Percent of Average (%)	January 12, Midnight Elevation (feet)	January 12, Midnight Reservoir Storage (acre-feet)
Fontenelle	37,000	148	6,485.08	195,000
Flaming Gorge	73,000	143	6,023.73	3,114,000
Blue Mesa	26,000	83	7,491.19	591,000
Navajo	26,000	58	6,056.25	1,301,000
Powell	300,000	69	3,598.45	11,603,000

Expected Operations

The operation of Lake Powell and Lake Mead in this January 2017 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines), and reflects the 2017 Annual Operating Plan (AOP). Pursuant to the Interim Guidelines, the August 2016 24-Month Study projections of the January 1, 2017, system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2017.

Consistent with Section 6.B of the Interim Guidelines, Lake Powell's operations in water year 2017 will be governed by the Upper Elevation Balancing Tier, with an initial water year release volume of 8.23 million acre-feet (maf) and the potential for an April adjustment to equalization or balancing releases in April 2017. This January 2017 24-Month Study indicates that, consistent with Section 6.B.4 of the Interim Guidelines, an April adjustment to balancing releases is projected to occur and Lake Powell is projected to release 9.0 maf in water year 2017.

Consistent with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar year 2017.

The Interim Guidelines are available for download at:
https://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The 2017 AOP is available for download at:
https://www.usbr.gov/uc/water/rsvrs/ops/aop/AOP17.pdf.

Fontenelle Reservoir – Fontenelle Reservoir is currently at elevation 6485 feet above sea level (feet), which amounts to 57 percent of live storage capacity. Inflows for the month of December totaled 37,000 acre-feet (af), or 147 percent of average. Average to above average inflows are forecasted over the next few months and releases have been increased in order to meet the spring elevation target. Releases have been increased to base flow levels of 1,025 cubic feet per second (cfs) and are forecasted to remain at this level through the winter, subject to hydrology.

The Colorado Basin River Forecast Center has forecasted spring inflows that are at or above average. January, February, and March forecasted inflow volumes amount to 30,000 af (105 percent of average), 28,000 af (101 percent of average), and 50,000 af (95 percent of average), respectively.

The next Fontenelle Working Group meeting is scheduled for 10:00 a.m., April 19, 2017. The meeting will be held at Seedskadee Wildlife Refuge Headquarters, Wyoming. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir.

Flaming Gorge Reservoir – Releases are currently 1,800 cfs and expected to remain at this level through February, subject to hydrology.

Unregulated inflow into Flaming Gorge Reservoir during the month of December was 35,000 af, or 100 percent of average. The reservoir elevation is 6,023.7 feet (83 percent of live capacity) and is decreasing.

The January final forecast for inflows for the next three months projects average conditions: January, February and March forecasted inflow volumes at 43,000 af (107 percent of average), 45,000 af (101 percent of average), and 100,000 af (98 percent of average), respectively.

The January water supply forecast of the April through July unregulated inflow volume into Flaming Gorge Reservoir is 1.23 maf (126 percent of average). This forecast was issued prior to significant storm activity within the basin and the February forecast is anticipated to be much above average. Current snowpack is 173 percent of median for the Upper Green Basin with additional storm systems anticipated toward the end of January.

The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stakeholders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations and plans presented by Reclamation

at these meetings. Meeting notes from past Working Group meetings are posted on the Working Group webpage. For more information on this group and these meetings please contact Dale Hamilton at 801-379-1186 or Heather Patno at 801-524-3883.

Reclamation will be holding the Flaming Gorge Working Group meeting on Thursday, April 20, 2017, at 10:00 a.m. at the Utah Division of Wildlife Resources offices located at 318 North Vernal Avenue, Vernal, Utah.

Aspinall Unit Reservoirs – Crystal Dam is currently releasing 600 cfs and the Gunnison Tunnel diversion is shut down accept for occasional diversions to fill Fairview Resevoir. The average flow through the Black Canyon is measuring approximately 600 cfs at the stream gage below Gunnison Tunnel. The December unregulated inflow to Blue Mesa Reservoir was 26,000 af (100 percent of average). The end of December reservoir elevation for Blue Mesa was 7491.43 feet. This was 1.43 feet above the end of December icing target elevation due to low inflow forecasts Reclamation was receiving during the fall. It was decided at that time to allow the elevation of Blue Mesa to remain slightly fuller based on these forecasts to conserve water for next year.

During December and early January, the snowpack conditions in the Gunnison Basin increased significantly. On December 1, 2016 the Upper Gunnison Basin percent of median snow water equivalent was 69%. On December 31, 2016 that percentage had increased to 119%. As of January 13, 2017 the Upper Gunnison Basin percent of median snow water equivalent was 171% of median. This significant increase was well above expected levels and is very good news for the 2017 runoff season.

Unregulated Inflows to Blue Mesa for the next three months (January, February and March) are projected to be: 23,000 af (96 percent of average), 20,000 af (91 percent of average) and 32,000 af (100 percent of average), respectively. The April through July unregulated inflow forecast is currently 575,000 af (86% of average), however this will likely increase significantly due to the recent increases in the snowpack conditions.

The Aspinall Unit Working Group is an open public forum for information exchange between Reclamation and the stakeholders of the Aspinall Unit. The public is encouraged to attend and comments on the operations and plans presented by Reclamation at these meetings. Meeting notes from past working Group meetings are posted on the Working Group webpage. For more information on this group and these meetings please contact Erik Knight in the Grand Junction Area Office at (970) 248-0629.

The next meeting of the Aspinall Unit Working Group will be held on Thursday, January 19th, 2017 at 1:00 pm at the Holiday Inn Express located in Montrose, Colorado.

Navajo Reservoir – As of January 5th, 2017, Navajo reservoir elevation is 6055.96 feet (1.297 maf live storage) and is releasing 350 cfs. Releases are made for the authorized purposes of the Navajo Unit, and pursuant to the 2006 Record of Decision, in an attempt to maintain a target base flow through the endangered fish critical habitat reach of the

San Juan River (Farmington to Lake Powell). The San Juan River Basin Recovery Implementation Program (SJRIP) recommends a target base flow of between 500 cfs and 1,000 cfs through the critical habitat area. The target base flow is calculated as the weekly average of gaged flows throughout the critical habitat area.

Modified unregulated inflow into Navajo during the month of November was 26,000 af, which was 97 percent of average.

Inflows for the next three months are projected to be below average: with January, February, and March forecasted inflow volumes at 22,000 af (100 percent of average), 23,000 af (76 percent of average), and 68,000 af (74 percent of average), respectively.

The Most Probable April-July runoff forecast is 580,000 af (79 percent of average). Under this forecast, no spring peak release is expected in 2017.

Releases will be made to maintain target baseflows in the critical habitat reach for the remainder of the year.

Reclamation conducts Public Operations Meetings three times per year to gather input for determining upcoming operations for Navajo Reservoir. Input from individuals, organizations, and agencies along with other factors such as weather, water rights, endangered species requirements, flood control, hydro power, recreation, fish and wildlife management, and reservoir levels, will be considered in the development of these reservoir operation plans. In addition, the meetings are used to coordinate activities and exchange information among agencies, water users, and other interested parties concerning the San Juan River and Navajo Reservoir.

The next Navajo Public Operations Meeting is scheduled for January 24th, 2017, at 1:00 pm at the Farmington Civic Center, Farmington, NM.

Glen Canyon Dam / Lake Powell

Current Status

The unregulated inflow to Lake Powell in December was 300 thousand acre-feet (kaf) (83% of average). The release volume from Glen Canyon Dam in December was 898 kaf. The end of December elevation and storage of Lake Powell were 3,600 feet (100 feet from full pool) and 11.8 maf (49% of full capacity), respectively. The reservoir is declining and will continue to decline until spring runoff begins to enter the reservoir. The current snowpack above Lake Powell is 166% of average.

Current Operations

The operating tier for water year 2017, established in August 2016, is the Upper Elevation Balancing Tier, with an initial water year release volume of 8.23 maf and the potential for an April 2017 adjustment to equalization or balancing releases. Based on the current forecast, an April adjustment to balancing releases is projected to occur and Lake Powell is currently projected to release 9.0 maf in water year 2017. This projection will be updated each month throughout the water year.

In January 2017, the release volume will be approximately 880 thousand acre-feet (kaf), with fluctuations anticipated between approximately 10,000 cfs and 18,000 cfs and consistent with the Glen Canyon Dam, Record of Decision (dated December 2016). The anticipated release volume for February is approximately 715 kaf with daily fluctuations between approximately 9,000 cfs and 15,000 cfs. The expected release for March is 728 kaf with daily fluctuations between approximately 9,000 cfs and 15,000 cfs.

In addition to daily scheduled fluctuations for power generation, the instantaneous releases from Glen Canyon Dam may also fluctuate to provide 40 mega-watts (MW) of system regulation. These instantaneous release adjustments stabilize the electrical generation and transmission system and translate to a range of up to about 1,200 cfs above or below the hourly scheduled release rate. Under system normal conditions, fluctuations for regulation are typically short lived and generally balance out over the hour with minimal or no noticeable impacts on downstream river flow conditions.

Releases from Glen Canyon Dam can also fluctuate beyond scheduled releases when called upon to respond to unscheduled power outages or power system emergencies. Depending on the severity of the system emergency, the response from Glen Canyon Dam can be significant, within the full range of the operating capacity of the power plant for as long as is necessary to maintain balance in the transmission system. Glen Canyon Dam currently maintains 27 MW (approximately 800 cfs) of generation capacity in reserve in order to respond to a system emergency even when generation rates are already high. System emergencies occur fairly infrequently and typically require small responses from Glen Canyon Dam. However, these responses can have a noticeable impact on the river downstream of Glen Canyon Dam.

Inflow Forecasts and Model Projections

The April to July 2017 water supply forecast for unregulated inflow to Lake Powell, issued on January 4, 2017, by the Colorado Basin River Forecast Center, projects that the most probable (median) unregulated inflow volume will be 6.5 maf (91 percent of average based on the period 1981-2010). The projected water year 2017 inflow is 9.5 maf (88 percent of average). At this early point in the season, there is still significant uncertainty regarding this year's water supply. The April-July forecast ranges from a minimum probable of 4.1 maf (57 percent of average) to a maximum probable of 9.8 maf (137 percent of average). There is a 10 percent chance that inflows could be higher than the current maximum probable forecast and a 10 percent chance that inflows could be lower than the minimum probable forecast.

Based on the current forecast, the January 24-Month Study projects Lake Powell elevation will end water year 2017 near 3,608 feet with approximately 12.5 maf in storage (51 percent of capacity). Note that projections of elevation and storage for water year 2017 have significant uncertainty at this point in the season. Projections of elevation and storage using the minimum and maximum probable inflow forecast, updated in January, are 3,586 feet (10.4 maf, 43 percent of capacity) and 3,640 feet (16.0 maf, 66 percent of capacity), respectively. Under these scenarios, there is a 10 percent chance that inflows will be higher, resulting in higher elevation and storage, and 10 percent chance that inflows will be lower, potentially in lower elevation and storage. The annual

release volume from Lake Powell during water year 2017 is projected to be 9.0 maf under the minimum, most, and maximum probable inflow scenarios. There is a chance that inflows could be higher or lower, potentially resulting in releases greater than 9.0 maf or as low as 8.23 maf in water year 2017. The minimum and maximum probable scenarios will be updated again in April.

Upper Colorado River Basin Hydrology

The Upper Colorado River Basin regularly experiences significant year to year hydrologic variability. During the 17-year period 2000 to 2016, however, the unregulated inflow to Lake Powell, which is a good measure of hydrologic conditions in the Colorado River Basin, was above average in only 3 out of the past 17 years. The period 2000-2016 is the lowest 17-year period since the closure of Glen Canyon Dam in 1963, with an average unregulated inflow of 8.57 maf, or 79 percent of the 30-year average (1981-2010). (For comparison, the 1981-2010 total water year average is 10.83 maf.) The unregulated inflow during the 2000-2016 period has ranged from a low of 2.64 maf (24 percent of average) in water year 2002 to a high of 15.97 maf (147 percent of average) in water year 2011. The water year 2016 unregulated inflow volume to Lake Powell was 9.62 maf (89 percent of average), which, though still below average, was significantly higher than inflows observed in 2012 and 2013 (45 percent and 47 percent of average, respectively). Under the current most probable forecast, the total water year 2017 unregulated inflow to Lake Powell is projected to be 9.51 maf (88 percent of average).

At the beginning of water year 2017, total system storage in the Colorado River Basin was 30.2 maf (50 percent of 59.6 maf total system capacity). This is nearly the same as the total storage at the beginning of water years 2015 and 2016 which began at 30.1 maf and 30.3 maf, respectively, both of which were 50 percent of capacity. Since the beginning of water year 2000, total Colorado Basin storage has experienced year to year increases and decreases in response to wet and dry hydrology, ranging from a high of 94 percent of capacity at the beginning of 2000 to a low of 50 percent of capacity at the beginning of water year 2005. One wet year can significantly increase total system reservoir storage, just as persistent dry years can draw down the system storage. Based on current inflow forecasts, the current projected end of water year total Colorado Basin reservoir storage for water year 2017 is approximately 29.8 maf (50 percent of total system capacity). The actual end of water year 2017 system storage may vary from this projection, primarily due to uncertainty regarding the season's snowpack and resulting runoff and reservoir inflow. Based on the January minimum and maximum probable inflow forecasts and modeling, the range of end of water year 2017 total system capacity is approximately 27.3 maf (46 percent of capacity) to 33.5 maf (56 percent of capacity), respectively.

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-430
125 SOUTH STATE STREET, ROOM 6107
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-3709

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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:	Obs			dec	Forecast		Outlook		
:	sep	oct	nov	dec	%Avg	jan	feb	mar	apr-jul	%Avg
GLDA3:Lake Powell	281	381	383	300	83%:	320/	340/	550/	6500/:	91%
GBRW4:Fontenelle	26	57	62	37	116%:	32/	28/	50/	930/:	128%
GRNU1:Flaming Gorge	36	70	73	35	100%:	43/	45/	100/	1230/:	126%
BMDC2:Blue Mesa	38	32	26	26	101%:	23/	20/	32/	575/:	85%
MPSC2:Morrow Point	39	33	28	27	97%:	24/	22/	35/	625/:	84%
CLSC2:Crystal	42	37	31	31	96%:	27/	26/	41/	700/:	84%
TPIC2:Taylor Park	6.2	5.5	4.2	4.9	105%:	3.9/	3.1/	3.3/	81/:	82%
VCRC2:Vallecito	14.0	11.4	6.5	5.7	90%:	5/	4/	7/	172/:	89%
NVRN5:Navajo	21	27	24	26	104%:	22/	23/	68/	580/:	79%
LEMC2:Lemon	3.8	2.0	1.07	0.96	87%:	0.8/	0.6/	1.2/	48/:	87%
MPHC2:McPhee	9.6	3.9	3.4	4.0	90%:	3.5/	3.5/	16/	285/:	97%
RBSC2:Ridgway	9.3	6.7	4.8	4.5	100%:	4/	3.4/	5.5/	88/:	87%

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

January 2017 24-Month Study

Most Probable Inflow*

Fontenelle Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jan 2016	32	1	49	10	58	6480.71	170
H	Feb 2016	34	0	55	0	55	6476.59	149
I	Mar 2016	50	1	58	0	58	6474.73	140
S	Apr 2016	91	1	56	0	56	6481.34	174
T	May 2016	186	2	86	20	106	6493.63	252
O	Jun 2016	293	2	101	143	243	6500.14	299
R	Jul 2016	80	3	73	3	76	6500.25	300
I	Aug 2016	29	2	65	0	65	6495.03	262
C	Sep 2016	26	2	36	21	58	6490.22	229
	WY 2016	**943**	**15**	**739**	**213**	**952**		
A	Oct 2016	57	1	0	57	57	6490.08	228
L	Nov 2016	62	1	0	59	59	6490.44	230
*	Dec 2016	37	1	0	63	63	6486.33	203
	Jan 2017	32	1	73	0	73	6479.20	162
	Feb 2017	28	0	57	0	57	6473.17	133
	Mar 2017	50	0	63	0	63	6470.12	120
	Apr 2017	90	1	92	6	98	6468.01	111
	May 2017	200	1	97	57	154	6477.93	156
	Jun 2017	400	2	101	185	286	6495.83	268
	Jul 2017	240	3	103	60	163	6505.63	343
	Aug 2017	90	2	99	5	105	6503.51	326
	Sep 2017	55	2	71	0	71	6501.14	308
	WY 2017	**1341**	**15**	**756**	**492**	**1248**		
	Oct 2017	55	1	74	0	74	6498.50	288
	Nov 2017	45	1	71	0	71	6494.73	260
	Dec 2017	32	1	74	0	74	6488.42	218
	Jan 2018	30	1	74	0	74	6481.26	174
	Feb 2018	28	1	67	0	67	6473.46	134
	Mar 2018	53	0	74	0	74	6468.48	113
	Apr 2018	85	1	75	0	75	6470.91	123
	May 2018	164	1	99	5	105	6482.51	181
	Jun 2018	299	2	103	82	184	6499.28	294
	Jul 2018	178	3	101	28	129	6505.19	339
	Aug 2018	77	2	100	4	105	6501.32	309
	Sep 2018	46	2	71	0	71	6497.67	282
	WY 2018	**1091**	**15**	**982**	**119**	**1102**		
	Oct 2018	49	1	74	0	74	6493.99	255
	Nov 2018	42	1	71	0	71	6489.49	225
	Dec 2018	32	1	74	0	74	6482.83	183

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3022

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

January 2017 24-Month Study

Most Probable Inflow*

Flaming Gorge Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	Jan 2016	44	71	2	134	0	134	127	6025.07	3163	168
H	Feb 2016	63	84	2	118	0	118	126	6024.11	3127	164
I	Mar 2016	84	93	3	51	0	51	127	6025.13	3165	131
S	Apr 2016	140	105	5	50	0	50	129	6026.43	3213	316
T	May 2016	362	282	8	52	0	52	138	6032.01	3427	701
O	Jun 2016	455	405	11	270	198	469	135	6030.17	3356	965
R	Jul 2016	91	88	13	116	4	120	133	6029.03	3312	220
I	Aug 2016	28	64	13	110	0	110	131	6027.55	3255	133
C	Sep 2016	36	67	11	107	0	107	129	6026.27	3207	128
	WY 2016	**1427**	**1437**	**80**	**1406**	**203**	**1609**				**3435**
A	Oct 2016	70	70	7	85	0	85	128	6025.69	3186	119
L	Nov 2016	73	70	4	77	0	77	128	6025.41	3175	112
*	Dec 2016	35	61	2	106	0	106	126	6024.19	3130	137
	Jan 2017	43	84	2	111	0	111	125	6023.45	3103	132
	Feb 2017	45	74	2	100	0	100	124	6022.70	3076	121
	Mar 2017	100	113	3	52	0	52	126	6024.23	3132	129
	Apr 2017	140	148	5	48	0	48	130	6026.72	3224	213
	May 2017	300	254	8	139	0	139	134	6029.42	3327	589
	Jun 2017	520	406	11	283	87	370	135	6030.04	3350	860
	Jul 2017	270	193	14	114	0	114	137	6031.65	3413	189
	Aug 2017	107	122	13	114	0	114	137	6031.53	3408	136
	Sep 2017	68	84	11	110	0	110	136	6030.61	3373	124
	WY 2017	**1771**	**1679**	**81**	**1339**	**87**	**1426**				**2862**
	Oct 2017	68	87	7	114	0	114	134	6029.76	3340	140
	Nov 2017	55	82	3	110	0	110	133	6028.96	3309	139
	Dec 2017	35	77	2	114	0	114	132	6027.98	3272	139
	Jan 2018	40	84	2	114	0	114	130	6027.17	3241	139
	Feb 2018	45	84	2	103	0	103	130	6026.62	3221	131
	Mar 2018	102	124	3	114	0	114	130	6026.80	3227	191
	Apr 2018	134	123	5	110	0	110	130	6027.00	3235	325
	May 2018	245	186	8	169	0	169	131	6027.24	3244	701
	Jun 2018	390	275	10	140	0	140	135	6030.38	3364	560
	Jul 2018	210	162	14	98	0	98	137	6031.60	3411	198
	Aug 2018	89	117	13	98	0	98	137	6031.73	3416	124
	Sep 2018	55	81	11	95	0	95	136	6031.09	3391	114
	WY 2018	**1468**	**1479**	**81**	**1378**	**0**	**1378**				**2900**
	Oct 2018	59	84	7	98	0	98	136	6030.56	3371	131
	Nov 2018	51	80	4	95	0	95	135	6030.10	3353	127
	Dec 2018	35	77	2	98	0	98	134	6029.52	3330	124

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

January 2017 24-Month Study

Most Probable Inflow*

Taylor Park Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jan 2016	6	6	9309.87	70
H	Feb 2016	4	5	9309.07	68
I	Mar 2016	5	6	9308.44	67
S	Apr 2016	9	6	9310.70	71
T	May 2016	17	11	9314.16	77
O	Jun 2016	41	20	9325.34	97
R	Jul 2016	11	21	9320.04	87
I	Aug 2016	9	16	9315.75	79
C	Sep 2016	6	14	9310.77	71
	WY 2016	**125**	**125**		
A	Oct 2016	5	6	9310.23	70
L	Nov 2016	4	5	9309.76	70
*	Dec 2016	5	5	9309.56	69
	Jan 2017	4	5	9308.72	68
	Feb 2017	4	5	9308.01	67
	Mar 2017	4	5	9307.43	66
	Apr 2017	8	6	9308.82	68
	May 2017	20	12	9313.73	76
	Jun 2017	35	15	9325.12	97
	Jul 2017	14	18	9323.01	93
	Aug 2017	10	18	9318.17	84
	Sep 2017	6	15	9312.93	75
	WY 2017	**120**	**116**		
	Oct 2017	6	9	9311.16	72
	Nov 2017	4	6	9310.16	70
	Dec 2017	4	6	9308.90	68
	Jan 2018	4	6	9307.83	67
	Feb 2018	4	6	9306.39	64
	Mar 2018	4	6	9305.35	63
	Apr 2018	9	6	9307.18	66
	May 2018	28	20	9312.41	74
	Jun 2018	42	22	9323.53	94
	Jul 2018	20	22	9322.55	92
	Aug 2018	10	20	9317.21	82
	Sep 2018	7	16	9312.12	73
	WY 2018	**144**	**145**		
	Oct 2018	7	8	9311.30	72
	Nov 2018	5	6	9310.75	71
	Dec 2018	5	6	9309.92	70

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

January 2017 24-Month Study

Most Probable Inflow*

Blue Mesa Reservoir

	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jan 2016	27	27	0	61	0	61	7491.12	590
H	Feb 2016	26	27	0	59	0	58	7487.04	559
I	Mar 2016	41	42	0	36	0	37	7487.62	563
S	Apr 2016	75	72	1	63	0	63	7488.62	571
T	May 2016	161	155	1	134	19	153	7488.74	572
O	Jun 2016	285	265	1	46	0	46	7514.84	788
R	Jul 2016	81	91	2	112	0	112	7512.31	766
I	Aug 2016	57	65	1	110	0	110	7506.94	720
C	Sep 2016	38	46	1	100	0	100	7500.48	665
	WY 2016	**881**	**882**	**9**	**913**	**19**	**934**		
A	Oct 2016	32	33	1	90	0	90	7493.44	608
L	Nov 2016	26	27	0	33	0	33	7492.53	601
*	Dec 2016	26	26	0	35	0	35	7491.43	593
	Jan 2017	23	24	0	35	0	35	7490.04	582
	Feb 2017	20	21	0	31	0	31	7488.78	572
	Mar 2017	32	33	0	38	0	38	7488.08	566
	Apr 2017	68	66	1	52	0	52	7489.76	579
	May 2017	166	158	1	204	0	204	7483.54	532
	Jun 2017	245	224	1	87	0	87	7500.80	668
	Jul 2017	96	100	1	102	0	102	7500.42	665
	Aug 2017	50	59	1	108	0	108	7494.23	615
	Sep 2017	38	47	1	75	0	75	7490.62	586
	WY 2017	**822**	**819**	**8**	**890**	**0**	**890**		
	Oct 2017	38	41	1	49	0	49	7489.51	578
	Nov 2017	31	33	0	19	0	19	7491.28	591
	Dec 2017	26	28	0	26	0	26	7491.52	593
	Jan 2018	24	26	0	35	0	35	7490.39	584
	Feb 2018	22	25	0	31	0	31	7489.58	578
	Mar 2018	36	38	0	35	0	35	7489.88	580
	Apr 2018	77	74	1	52	0	52	7492.62	602
	May 2018	221	213	1	171	0	171	7497.70	643
	Jun 2018	261	241	1	123	0	123	7511.52	759
	Jul 2018	117	119	2	142	0	142	7508.69	735
	Aug 2018	63	73	1	121	0	121	7502.94	686
	Sep 2018	38	47	1	97	0	97	7496.67	634
	WY 2018	**955**	**957**	**9**	**900**	**0**	**900**		
	Oct 2018	38	40	1	62	0	62	7493.87	612
	Nov 2018	31	32	0	31	0	31	7494.02	613
	Dec 2018	26	27	0	50	0	50	7491.06	590

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

January 2017 24-Month Study

Most Probable Inflow*

Morrow Point Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jan 2016	27	61	1	62	64	0	64	7150.69	110
H	Feb 2016	27	58	1	60	61	0	61	7148.82	108
I	Mar 2016	43	37	2	39	36	0	36	7152.74	111
S	Apr 2016	83	63	7	71	71	0	71	7152.57	111
T	May 2016	176	153	15	168	176	4	180	7136.53	99
O	Jun 2016	302	46	18	64	52	0	52	7152.31	111
R	Jul 2016	83	112	2	114	113	0	113	7153.43	112
I	Aug 2016	58	110	1	111	111	0	111	7153.88	112
C	Sep 2016	39	100	1	100	103	0	103	7150.03	109
	WY 2016	**931**	**934**	**49**	**983**	**972**	**5**	**978**		
A	Oct 2016	33	90	1	91	93	0	93	7146.55	106
L	Nov 2016	28	33	2	36	32	0	35	7147.39	107
*	Dec 2016	27	35	1	36	34	0	34	7150.44	109
	Jan 2017	24	35	1	36	33	0	33	7153.73	112
	Feb 2017	22	31	2	33	33	0	33	7153.73	112
	Mar 2017	35	38	3	41	41	0	41	7153.73	112
	Apr 2017	77	52	9	61	61	0	61	7153.73	112
	May 2017	184	204	18	222	222	0	222	7153.73	112
	Jun 2017	263	87	18	105	105	0	105	7153.73	112
	Jul 2017	101	102	5	107	107	0	107	7153.73	112
	Aug 2017	52	108	2	110	110	0	110	7153.73	112
	Sep 2017	42	75	4	79	79	0	79	7153.73	112
	WY 2017	**888**	**890**	**66**	**956**	**950**	**0**	**953**		
	Oct 2017	42	49	3	53	53	0	53	7153.73	112
	Nov 2017	34	19	3	21	21	0	21	7153.73	112
	Dec 2017	28	26	2	28	28	0	28	7153.73	112
	Jan 2018	27	35	2	37	37	0	37	7153.73	112
	Feb 2018	25	31	3	33	33	0	33	7153.73	112
	Mar 2018	40	35	4	39	39	0	39	7153.73	112
	Apr 2018	88	52	11	63	63	0	63	7153.73	112
	May 2018	247	171	26	197	197	0	197	7153.73	112
	Jun 2018	281	123	20	143	143	0	143	7153.73	112
	Jul 2018	123	142	6	148	148	0	148	7153.73	112
	Aug 2018	67	121	3	124	124	0	124	7153.73	112
	Sep 2018	41	97	3	100	100	0	100	7153.73	112
	WY 2018	**1042**	**900**	**86**	**986**	**986**	**0**	**986**		
	Oct 2018	41	62	3	64	64	0	64	7153.73	112
	Nov 2018	33	31	2	33	33	0	33	7153.73	112
	Dec 2018	28	50	2	52	52	0	52	7153.73	112

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

January 2017 24-Month Study

Most Probable Inflow*

Crystal Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
*	Jan 2016	31	64	4	68	67	0	68	6748.20	16	1	69
H	Feb 2016	30	61	3	64	63	0	63	6752.48	17	0	65
I	Mar 2016	48	36	5	41	41	0	41	6752.32	17	2	41
S	Apr 2016	92	71	9	80	80	0	80	6751.41	16	47	36
T	May 2016	194	180	18	198	109	64	197	6753.13	17	51	154
O	Jun 2016	344	52	41	93	74	20	93	6752.00	17	43	53
R	Jul 2016	89	113	6	119	117	2	119	6750.04	16	64	58
I	Aug 2016	62	111	4	114	114	0	114	6749.30	16	62	53
C	Sep 2016	42	103	3	106	106	1	107	6747.05	15	59	47
	WY 2016	**1034**	**978**	**103**	**1081**	**811**	**243**	**1080**			**384**	**724**
A	Oct 2016	37	93	4	97	97	0	97	6747.92	15	57	39
L	Nov 2016	31	35	3	38	37	0	37	6750.47	16	1	36
*	Dec 2016	31	34	4	38	36	1	37	6751.45	17	0	37
	Jan 2017	27	33	3	36	36	0	36	6753.04	17	0	36
	Feb 2017	26	33	4	37	37	0	37	6753.04	17	0	37
	Mar 2017	41	41	6	47	47	0	47	6753.04	17	5	42
	Apr 2017	88	61	11	72	72	0	72	6753.04	17	30	42
	May 2017	212	222	28	250	134	116	250	6753.04	17	55	195
	Jun 2017	290	105	27	132	130	2	132	6753.04	17	60	72
	Jul 2017	110	107	9	116	116	0	116	6753.04	17	65	51
	Aug 2017	58	110	6	116	116	0	116	6753.04	17	65	51
	Sep 2017	46	79	4	83	83	0	83	6753.04	17	55	28
	WY 2017	**997**	**953**	**109**	**1062**	**940**	**120**	**1060**			**393**	**666**
	Oct 2017	46	53	5	57	57	0	57	6753.04	17	30	27
	Nov 2017	38	21	4	25	25	0	25	6753.04	17	0	25
	Dec 2017	32	28	5	32	32	0	32	6753.04	17	0	32
	Jan 2018	31	37	5	42	42	0	42	6753.04	17	0	42
	Feb 2018	29	33	4	37	37	0	37	6753.04	17	0	37
	Mar 2018	46	39	6	45	45	0	45	6753.04	17	5	40
	Apr 2018	101	63	12	76	76	0	76	6753.04	17	30	46
	May 2018	281	197	34	231	134	97	231	6753.04	17	55	176
	Jun 2018	315	143	34	177	130	47	177	6753.04	17	60	117
	Jul 2018	138	148	14	163	134	28	163	6753.04	17	65	98
	Aug 2018	75	124	8	132	132	0	132	6753.04	17	65	67
	Sep 2018	47	100	6	106	106	0	106	6753.04	17	55	51
	WY 2018	**1179**	**986**	**138**	**1124**	**951**	**173**	**1124**			**365**	**759**
	Oct 2018	47	64	6	70	70	0	70	6753.04	17	30	40
	Nov 2018	38	33	5	38	38	0	38	6753.04	17	0	38
	Dec 2018	32	52	5	57	57	0	57	6753.04	17	0	57

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Managing Water in the West

January 2017 24-Month Study

Most Probable Inflow*

Vallecito Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jan 2016	6	7	7649.21	85
H	Feb 2016	7	6	7649.77	86
I	Mar 2016	14	6	7652.71	94
S	Apr 2016	25	13	7657.23	105
T	May 2016	60	44	7663.23	121
O	Jun 2016	77	73	7664.30	124
R	Jul 2016	17	38	7656.15	102
I	Aug 2016	15	33	7648.82	84
C	Sep 2016	14	27	7643.21	71
	WY 2016	**269**	**270**		
A	Oct 2016	11	8	7644.63	74
L	Nov 2016	6	2	7646.51	79
*	Dec 2016	6	2	7647.98	82
	Jan 2017	5	2	7649.21	85
	Feb 2017	4	2	7650.01	87
	Mar 2017	7	2	7651.99	92
	Apr 2017	19	2	7658.61	108
	May 2017	63	60	7659.58	111
	Jun 2017	67	58	7662.59	119
	Jul 2017	23	42	7655.21	100
	Aug 2017	17	38	7646.42	79
	Sep 2017	15	30	7639.68	64
	WY 2017	**244**	**248**		
	Oct 2017	14	17	7638.14	60
	Nov 2017	8	2	7641.20	67
	Dec 2017	6	2	7643.22	71
	Jan 2018	5	2	7644.77	75
	Feb 2018	5	2	7646.08	78
	Mar 2018	9	2	7648.88	84
	Apr 2018	23	2	7657.46	106
	May 2018	71	53	7664.40	124
	Jun 2018	70	70	7664.37	124
	Jul 2018	29	42	7659.42	111
	Aug 2018	20	38	7652.11	92
	Sep 2018	17	30	7646.88	80
	WY 2018	**279**	**259**		
	Oct 2018	16	17	7646.12	78
	Nov 2018	9	2	7649.05	85
	Dec 2018	6	2	7650.90	89

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January 2017 24-Month Study

Most Probable Inflow*

Navajo Reservoir

	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azetea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Farmington Flow (1000 Ac-Ft)
*	Jan 2016	22	0	23	1	0	22	6063.77	1396	34
H	Feb 2016	42	2	39	1	1	28	6064.39	1405	43
I	Mar 2016	81	7	67	2	4	25	6067.08	1441	53
S	Apr 2016	119	13	94	3	19	22	6070.75	1491	53
T	May 2016	209	26	165	4	12	91	6074.87	1549	175
O	Jun 2016	214	35	174	5	25	250	6067.29	1443	376
R	Jul 2016	24	4	40	5	37	79	6061.29	1364	97
I	Aug 2016	30	4	45	4	33	35	6059.16	1337	55
C	Sep 2016	21	1	33	3	27	30	6056.98	1310	41
	WY 2016	**864**	**94**	**769**	**29**	**169**	**653**			**1056**
A	Oct 2016	27	0	24	2	5	27	6056.19	1300	47
L	Nov 2016	24	0	19	1	0	22	6055.87	1296	44
*	Dec 2016	26	0	22	1	0	21	6055.92	1297	41
	Jan 2017	22	0	19	1	0	23	6055.51	1292	35
	Feb 2017	23	0	21	1	0	21	6055.44	1291	31
	Mar 2017	68	1	62	2	5	23	6058.01	1323	40
	Apr 2017	123	11	95	2	20	22	6061.95	1373	70
	May 2017	230	33	194	4	34	23	6071.82	1506	167
	Jun 2017	190	26	156	5	50	22	6077.28	1584	164
	Jul 2017	37	4	51	5	55	30	6074.59	1545	86
	Aug 2017	36	1	56	4	46	38	6072.31	1513	71
	Sep 2017	34	1	48	3	26	32	6071.42	1500	59
	WY 2017	**840**	**77**	**767**	**29**	**243**	**305**			**856**
	Oct 2017	40	1	42	2	9	24	6071.89	1507	49
	Nov 2017	31	1	24	1	0	22	6071.94	1508	39
	Dec 2017	25	0	21	1	0	23	6071.71	1504	38
	Jan 2018	22	0	18	1	0	23	6071.32	1499	37
	Feb 2018	30	0	27	1	0	21	6071.70	1504	33
	Mar 2018	92	2	84	2	5	23	6075.46	1558	45
	Apr 2018	170	15	134	3	21	22	6081.40	1646	75
	May 2018	277	41	218	4	35	215	6078.96	1609	361
	Jun 2018	224	33	190	5	51	296	6067.57	1447	448
	Jul 2018	66	7	72	5	56	82	6062.26	1377	149
	Aug 2018	45	1	62	4	47	33	6060.50	1354	72
	Sep 2018	43	1	55	3	26	26	6060.49	1354	58
	WY 2018	**1066**	**102**	**945**	**30**	**251**	**811**			**1405**
	Oct 2018	47	2	47	2	10	24	6061.38	1365	52
	Nov 2018	34	1	26	1	0	22	6061.57	1368	40
	Dec 2018	25	0	21	1	0	23	6061.32	1365	38

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Most Probable Inflow*

Lake Powell

	Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry Gage (1000 Ac-Ft)
*	Jan 2016	300	433	8	857	0	857	3596.58	4968	11427	865
H	Feb 2016	396	490	8	700	0	700	3594.41	4952	11224	704
I	Mar 2016	553	486	14	694	0	694	3592.18	4935	11019	707
S	Apr 2016	814	681	22	665	0	665	3592.12	4935	11014	681
T	May 2016	2294	1925	26	700	0	700	3603.87	5024	12123	709
O	Jun 2016	2907	2618	46	800	0	800	3620.01	5155	13764	807
R	Jul 2016	595	804	58	950	0	950	3618.22	5140	13576	963
I	Aug 2016	253	432	56	900	0	900	3613.55	5101	13091	914
C	Sep 2016	281	461	50	699	0	699	3610.93	5080	12824	712
	WY 2016	**9616**	**9909**	**378**	**9000**	**0**	**9000**				**9117**
A	Oct 2016	381	477	35	601	0	601	3609.48	5068	12678	610
L	Nov 2016	383	389	33	624	126	750	3605.81	5039	12313	754
*	Dec 2016	300	366	26	898	0	898	3600.49	4997	11797	913
	Jan 2017	320	398	8	880	0	880	3595.69	4961	11344	887
	Feb 2017	340	404	8	730	0	730	3592.34	4936	11034	734
	Mar 2017	550	470	13	696	0	696	3589.90	4919	10812	701
	Apr 2017	900	722	21	637	0	637	3590.56	4923	10871	646
	May 2017	2000	1738	26	638	0	638	3601.20	5003	11865	646
	Jun 2017	2700	2301	44	750	0	750	3615.20	5115	13260	757
	Jul 2017	900	802	56	850	0	850	3614.27	5107	13165	866
	Aug 2017	400	514	55	900	0	900	3610.26	5074	12757	915
	Sep 2017	340	443	49	670	0	670	3607.70	5054	12501	683
	WY 2017	**9514**	**9024**	**373**	**8874**	**126**	**9000**				**9113**
	Oct 2017	455	506	34	640	0	640	3606.14	5041	12345	649
	Nov 2017	447	481	32	640	0	640	3604.33	5027	12168	644
	Dec 2017	363	439	25	720	0	720	3601.41	5004	11885	723
	Jan 2018	361	446	8	860	0	860	3597.30	4973	11494	867
	Feb 2018	393	450	8	760	0	760	3594.14	4950	11200	764
	Mar 2018	665	613	14	800	0	800	3592.13	4935	11014	805
	Apr 2018	1056	895	22	710	0	710	3593.77	4947	11165	719
	May 2018	2343	2230	27	710	0	710	3608.18	5058	12548	718
	Jun 2018	2666	2435	47	750	0	750	3622.83	5179	14065	757
	Jul 2018	1091	1082	59	840	0	840	3624.40	5192	14235	856
	Aug 2018	500	604	59	900	0	900	3621.35	5166	13906	915
	Sep 2018	408	517	53	670	0	670	3619.55	5151	13715	683
	WY 2018	**10747**	**10700**	**387**	**9000**	**0**	**9000**				**9102**
	Oct 2018	512	563	37	640	0	640	3618.55	5143	13611	649
	Nov 2018	473	506	35	640	0	640	3617.06	5130	13454	644
	Dec 2018	363	449	28	720	0	720	3614.39	5108	13177	723

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January 2017 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Glen Release (1000 Ac-Ft)	Side Inflow Glen to Hoover (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Jan 2016	857	89	30	662	10.8	8	661	671	1083.68	10318
H	Feb 2016	700	81	28	699	12.2	10	698	673	1084.17	10360
I	Mar 2016	694	31	31	1008	16.4	18	1007	653	1080.45	10048
S	Apr 2016	665	68	38	1055	17.7	18	1055	630	1076.13	9693
T	May 2016	700	50	43	887	14.4	22	885	618	1073.80	9504
O	Jun 2016	800	14	51	920	15.5	28	919	606	1071.64	9330
R	Jul 2016	950	70	64	831	13.5	30	830	612	1072.75	9419
I	Aug 2016	900	107	69	701	11.4	28	700	625	1075.17	9615
C	Sep 2016	699	88	57	702	11.8	22	701	625	1075.23	9620
	WY 2016	**9000**	**798**	**531**	**9293**		**224**	**9282**			
A	Oct 2016	601	78	42	518	8.4	23	517	631	1076.34	9710
L	Nov 2016	750	77	42	751	12.6	16	750	632	1076.55	9727
*	Dec 2016	898	63	36	542	8.8	8	536	655	1080.82	10079
	Jan 2017	880	62	30	523	8.5	5	523	679	1085.12	10439
	Feb 2017	730	73	28	613	11.0	6	613	688	1086.84	10586
	Mar 2017	696	55	31	1039	16.9	14	1039	668	1083.14	10273
	Apr 2017	637	53	38	1068	17.9	21	1068	641	1078.21	9863
	May 2017	638	37	43	936	15.2	26	936	621	1074.40	9553
	Jun 2017	750	21	52	857	14.4	27	857	611	1072.49	9398
	Jul 2017	850	78	64	808	13.1	30	808	612	1072.79	9422
	Aug 2017	900	124	69	744	12.1	28	744	624	1074.92	9595
	Sep 2017	670	112	57	720	12.1	25	720	623	1074.70	9577
	WY 2017	**9000**	**834**	**532**	**9118**		**230**	**9110**			
	Oct 2017	640	69	41	532	8.7	20	532	630	1076.03	9685
	Nov 2017	640	56	41	775	13.0	12	775	621	1074.50	9560
	Dec 2017	720	54	36	746	12.1	8	746	620	1074.31	9545
	Jan 2018	860	62	29	683	11.1	15	683	632	1076.56	9728
	Feb 2018	760	73	27	679	12.2	18	679	639	1077.82	9831
	Mar 2018	800	55	30	1008	16.4	23	1008	626	1075.45	9637
	Apr 2018	710	53	37	1051	17.7	26	1051	605	1071.36	9308
	May 2018	710	37	42	905	14.7	32	905	591	1068.62	9090
	Jun 2018	750	21	50	884	14.9	32	884	579	1066.29	8907
	Jul 2018	840	78	63	797	13.0	32	797	581	1066.60	8932
	Aug 2018	900	124	67	744	12.1	29	744	592	1068.81	9105
	Sep 2018	670	112	55	695	11.7	26	695	592	1068.87	9110
	WY 2018	**9000**	**795**	**519**	**9500**		**273**	**9500**			
	Oct 2018	640	69	41	456	7.4	26	456	604	1071.07	9285
	Nov 2018	640	56	41	590	9.9	17	590	606	1071.63	9329
	Dec 2018	720	54	35	543	8.8	15	543	618	1073.75	9500

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Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Jan 2016	662	-32	10	553	0	553	9.0	641.26	1651
H	Feb 2016	699	-20	10	675	0	675	11.7	641.03	1645
I	Mar 2016	1008	-16	13	921	0	921	15.0	643.17	1703
S	Apr 2016	1055	-18	17	979	0	979	16.4	644.70	1746
T	May 2016	887	-6	22	903	0	903	14.7	643.07	1701
O	Jun 2016	920	-16	26	838	0	838	14.1	644.53	1741
R	Jul 2016	831	-24	26	803	0	803	13.1	643.75	1719
I	Aug 2016	701	-12	23	714	0	714	11.6	642.00	1671
C	Sep 2016	702	-18	18	711	0	711	11.9	640.34	1627
	WY 2016	**9293**	**-195**	**198**	**8879**	**0**	**8879**			
A	Oct 2016	518	-7	15	640	0	640	10.4	634.86	1482
L	Nov 2016	751	-29	11	574	0	574	9.6	640.09	1620
*	Dec 2016	542	-17	9	482	0	482	7.8	641.31	1653
	Jan 2017	523	-14	10	494	0	494	8.0	641.50	1658
	Feb 2017	613	-14	10	576	0	576	10.4	642.00	1671
	Mar 2017	1039	-16	13	981	0	981	16.0	643.05	1700
	Apr 2017	1068	-19	17	1033	0	1033	17.4	643.00	1699
	May 2017	936	-13	22	900	0	900	14.6	643.00	1699
	Jun 2017	857	-16	25	843	0	843	14.2	642.00	1671
	Jul 2017	808	-13	25	783	0	783	12.7	641.50	1658
	Aug 2017	744	-11	23	710	0	710	11.5	641.50	1658
	Sep 2017	720	-9	18	733	0	733	12.3	640.01	1617
	WY 2017	**9118**	**-179**	**197**	**8751**	**0**	**8751**			
	Oct 2017	532	-1	15	700	0	700	11.4	633.00	1434
	Nov 2017	775	-8	10	706	0	706	11.9	635.00	1486
	Dec 2017	746	-12	9	628	0	628	10.2	638.71	1583
	Jan 2018	683	-14	10	576	0	576	9.4	641.80	1666
	Feb 2018	679	-14	10	655	0	655	11.8	641.80	1666
	Mar 2018	1008	-16	13	945	0	945	15.4	643.05	1700
	Apr 2018	1051	-19	17	1016	0	1016	17.1	643.00	1699
	May 2018	905	-13	22	869	0	869	14.1	643.00	1699
	Jun 2018	884	-16	25	870	0	870	14.6	642.00	1671
	Jul 2018	797	-13	25	772	0	772	12.6	641.50	1658
	Aug 2018	744	-11	23	710	0	710	11.5	641.50	1658
	Sep 2018	695	-9	18	709	0	709	11.9	640.01	1617
	WY 2018	**9500**	**-146**	**197**	**9156**	**0**	**9156**			
	Oct 2018	456	-1	15	623	0	623	10.1	633.00	1434
	Nov 2018	590	-8	10	521	0	521	8.8	635.00	1486
	Dec 2018	543	-12	9	425	0	425	6.9	638.71	1583

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

January 2017 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	Jan 2016	553	26	6	324	5.3	97	156	446.60	554	154	2.5
H	Feb 2016	675	9	8	543	9.4	13	117	446.50	552	180	3.1
I	Mar 2016	921	18	9	695	11.3	89	123	447.40	569	221	3.6
S	Apr 2016	979	18	11	689	11.6	93	169	448.89	597	202	3.4
T	May 2016	903	13	13	636	10.3	97	176	448.08	581	97	1.6
O	Jun 2016	838	18	15	633	10.6	95	89	448.81	596	92	1.5
R	Jul 2016	803	20	17	617	10.0	100	74	449.03	600	102	1.7
I	Aug 2016	714	22	17	570	9.3	85	65	448.50	590	99	1.6
C	Sep 2016	711	14	15	490	8.2	89	134	447.97	579	92	1.5
	WY 2016	**8879**	**225**	**140**	**6360**		**1057**	**1467**			**1496**	
A	Oct 2016	640	36	12	466	7.6	80	133	446.90	559	61	1.0
L	Nov 2016	574	21	9	374	6.3	78	140	446.33	549	97	1.6
*	Dec 2016	482	27	7	271	4.4	86	118	447.64	573	112	1.8
	Jan 2017	494	13	6	282	4.6	89	137	447.00	561	121	2.0
	Feb 2017	576	12	8	473	8.5	32	67	447.00	561	160	2.9
	Mar 2017	981	4	9	718	11.7	75	181	446.70	555	198	3.2
	Apr 2017	1033	19	11	744	12.5	73	175	448.70	593	175	2.9
	May 2017	900	16	13	635	10.3	75	181	448.70	593	104	1.7
	Jun 2017	843	14	16	672	11.3	73	84	448.70	593	105	1.8
	Jul 2017	783	29	17	648	10.5	75	72	448.00	580	111	1.8
	Aug 2017	710	26	17	571	9.3	75	71	447.50	571	100	1.6
	Sep 2017	733	23	15	522	8.8	73	138	447.50	570	89	1.5
	WY 2017	**8751**	**240**	**139**	**6377**		**883**	**1500**			**1433**	
	Oct 2017	700	27	12	500	8.1	75	132	447.50	571	74	1.2
	Nov 2017	706	22	9	451	7.6	97	165	447.50	571	124	2.1
	Dec 2017	628	19	7	385	6.3	100	170	446.50	552	140	2.3
	Jan 2018	576	13	6	380	6.2	92	107	446.50	552	150	2.4
	Feb 2018	655	12	8	491	8.8	60	101	446.50	552	175	3.1
	Mar 2018	945	4	9	723	11.8	79	126	446.70	555	199	3.2
	Apr 2018	1016	19	11	759	12.8	90	126	448.70	593	185	3.1
	May 2018	869	16	13	629	10.2	92	139	448.70	593	93	1.5
	Jun 2018	870	14	16	665	11.2	90	101	448.70	593	94	1.6
	Jul 2018	772	29	17	629	10.2	92	63	448.00	580	95	1.5
	Aug 2018	710	26	17	569	9.2	92	57	447.50	571	96	1.6
	Sep 2018	709	23	15	505	8.5	90	114	447.50	570	86	1.5
	WY 2018	**9156**	**224**	**139**	**6685**		**1050**	**1401**			**1511**	
	Oct 2018	623	27	12	479	7.8	38	114	447.50	571	66	1.1
	Nov 2018	521	22	9	377	6.3	38	114	447.50	571	99	1.7
	Dec 2018	425	19	7	312	5.1	38	101	446.50	552	111	1.8

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

January 2017 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Jan 2016	662	10.8	1083.68	10318	232	438.04	775.0	258.5	49	390.7
H	Feb 2016	699	12.2	1084.17	10360	41	437.39	880.0	277.0	55	396.1
I	Mar 2016	1008	16.4	1080.45	10048	-311	434.20	973.0	402.7	61	399.7
S	Apr 2016	1055	17.7	1076.13	9693	-355	429.37	1244.0	413.9	80	392.2
T	May 2016	887	14.4	1073.80	9504	-189	426.83	1164.0	343.6	74	387.5
O	Jun 2016	920	15.5	1071.64	9330	-174	425.27	1528.0	349.7	100	380.2
R	Jul 2016	831	13.5	1072.75	9419	89	427.46	1528.0	311.5	100	374.8
I	Aug 2016	701	11.4	1075.17	9615	196	431.00	1549.0	265.2	100	378.4
C	Sep 2016	702	11.8	1075.23	9620	5	429.97	1539.0	266.3	100	379.1
	WY 2016	**9293**							**3596.9**		
A	Oct 2016	518	8.4	1076.34	9710	90	438.10	1158.0	195.2	87	377.1
L	Nov 2016	751	12.6	1076.55	9727	17	427.42	860.8	290.6	80	386.7
*	Dec 2016	542	8.8	1080.82	10079	352	438.26	778.9	207.3	71	382.2
	Jan 2017	523	8.5	1085.12	10439	360	435.40	857.0	203.1	54	388.5
	Feb 2017	613	11.0	1086.84	10586	147	436.38	1137.0	240.6	71	392.6
	Mar 2017	1039	16.9	1083.14	10273	-313	434.61	1157.0	413.5	74	398.0
	Apr 2017	1068	17.9	1078.21	9863	-410	429.23	1241.9	420.5	81	393.8
	May 2017	936	15.2	1074.40	9553	-310	425.00	1209.0	363.0	80	387.8
	Jun 2017	857	14.4	1072.49	9398	-154	420.36	1505.0	330.2	100	385.3
	Jul 2017	808	13.1	1072.79	9422	24	420.04	1514.0	308.5	100	381.7
	Aug 2017	744	12.1	1074.92	9595	173	421.41	1526.0	282.4	100	379.6
	Sep 2017	720	12.1	1074.70	9577	-18	422.85	1526.0	274.1	100	380.9
	WY 2017	**9118**							**3528.9**		
	Oct 2017	532	8.7	1076.03	9685	108	428.25	1138.0	202.0	74	379.5
	Nov 2017	775	13.0	1074.50	9560	-124	430.55	1119.0	306.2	73	394.9
	Dec 2017	746	12.1	1074.31	9545	-15	428.31	1059.0	291.7	69	390.8
	Jan 2018	683	11.1	1076.56	9728	183	427.78	969.0	264.9	63	387.8
	Feb 2018	679	12.2	1077.82	9831	103	428.52	968.0	266.7	63	393.0
	Mar 2018	1008	16.4	1075.45	9637	-194	426.82	1058.0	394.0	69	390.9
	Apr 2018	1051	17.7	1071.36	9308	-329	423.24	1033.1	411.5	69	391.7
	May 2018	905	14.7	1068.62	9090	-218	419.28	1100.0	345.8	75	382.2
	Jun 2018	884	14.9	1066.29	8907	-183	414.42	1489.2	329.8	100	373.1
	Jul 2018	797	13.0	1066.60	8932	24	413.91	1490.9	299.3	100	375.5
	Aug 2018	744	12.1	1068.81	9105	173	415.32	1503.4	278.4	100	374.2
	Sep 2018	695	11.7	1068.87	9110	5	416.92	1503.7	260.3	100	374.2
	WY 2018	**9500**							**3650.7**		
	Oct 2018	456	7.4	1071.07	9285	175	422.89	1126.9	173.7	74	381.0
	Nov 2018	590	9.9	1071.63	9329	45	426.66	1113.3	227.1	73	384.8
	Dec 2018	543	8.8	1073.75	9500	171	426.61	1053.7	206.3	69	380.1

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

January 2017 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Jan 2016	553	9.0	641.26	1651	67	141.86	163.2	71.9	64	129.9
H	Feb 2016	675	11.7	641.03	1645	-6	139.82	178.5	86.3	70	127.8
I	Mar 2016	921	15.0	643.17	1703	58	139.07	214.2	117.9	84	128.0
S	Apr 2016	979	16.4	644.70	1746	42	143.66	255.0	125.4	100	128.2
T	May 2016	903	14.7	643.07	1701	-45	141.63	252.5	115.5	99	127.8
O	Jun 2016	838	14.1	644.53	1741	40	143.17	255.0	107.4	100	128.1
R	Jul 2016	803	13.1	643.75	1719	-22	144.39	252.5	103.3	99	128.6
I	Aug 2016	714	11.6	642.00	1671	-48	142.46	255.0	91.6	100	128.4
C	Sep 2016	711	11.9	640.34	1627	-45	138.91	255.0	90.5	100	127.3
	WY 2016	**8879**							**1129.0**		
A	Oct 2016	640	10.4	634.86	1482	-144	135.70	201.5	79.3	79	123.8
L	Nov 2016	574	9.6	640.09	1620	138	140.91	170.9	71.1	67	123.8
*	Dec 2016	482	7.8	641.31	1653	33	138.48	168.3	59.8	66	123.9
	Jan 2017	494	8.0	641.50	1658	5	137.08	164.5	62.4	65	126.3
	Feb 2017	576	10.4	642.00	1671	13	136.67	187.6	72.4	74	125.7
	Mar 2017	981	16.0	643.05	1700	29	136.39	223.7	122.2	88	124.6
	Apr 2017	1033	17.4	643.00	1699	-2	136.07	255.0	128.7	100	124.6
	May 2017	900	14.6	643.00	1699	0	136.04	255.0	112.9	100	125.4
	Jun 2017	843	14.2	642.00	1671	-27	135.51	255.0	105.4	100	125.1
	Jul 2017	783	12.7	641.50	1658	-14	134.73	255.0	97.8	100	124.9
	Aug 2017	710	11.5	641.50	1658	0	134.46	255.0	88.8	100	125.1
	Sep 2017	733	12.3	640.01	1617	-40	133.68	255.0	91.0	100	124.1
	WY 2017	**8751**							**1091.8**		
	Oct 2017	700	11.4	633.00	1434	-183	130.74	202.3	84.4	79	120.6
	Nov 2017	706	11.9	635.00	1486	51	129.19	170.0	83.5	67	118.2
	Dec 2017	628	10.2	638.71	1583	97	132.25	167.8	76.2	66	121.4
	Jan 2018	576	9.4	641.80	1666	83	134.43	210.6	71.9	83	124.7
	Feb 2018	655	11.8	641.80	1666	0	136.73	187.6	82.1	74	125.3
	Mar 2018	945	15.4	643.05	1700	34	137.26	190.8	117.8	75	124.6
	Apr 2018	1016	17.1	643.00	1699	-2	136.07	255.0	126.7	100	124.7
	May 2018	869	14.1	643.00	1699	0	136.04	255.0	109.1	100	125.5
	Jun 2018	870	14.6	642.00	1671	-27	135.51	255.0	108.6	100	124.9
	Jul 2018	772	12.6	641.50	1658	-14	134.73	255.0	96.5	100	124.9
	Aug 2018	710	11.5	641.50	1658	0	134.46	255.0	88.8	100	125.1
	Sep 2018	709	11.9	640.01	1617	-40	133.68	255.0	88.1	100	124.3
	WY 2018	**9156**							**1133.7**		
	Oct 2018	623	10.1	633.00	1434	-183	130.46	211.7	75.4	83	121.1
	Nov 2018	521	8.8	635.00	1486	51	128.56	188.7	62.2	74	119.4
	Dec 2018	425	6.9	638.71	1583	97	131.55	188.7	52.1	74	122.7

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

January 2017 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Jan 2016	324	5.3	446.60	554	-6	80.76	94.8	22.3	79	68.8
H	Feb 2016	528	9.4	446.50	552	-2	78.54	87.6	38.1	73	72.2
I	Mar 2016	695	11.3	447.40	569	17	81.63	104.4	48.9	87	70.3
S	Apr 2016	689	11.6	448.89	597	28	83.09	120.0	48.4	100	70.3
T	May 2016	636	10.3	448.08	581	-15	82.13	120.0	45.1	100	70.9
O	Jun 2016	633	10.6	448.81	596	14	83.02	120.0	44.8	100	70.8
R	Jul 2016	617	10.0	449.03	600	4	83.16	120.0	43.7	100	70.9
I	Aug 2016	570	9.3	448.50	590	-10	82.60	120.0	40.2	100	70.7
C	Sep 2016	490	8.2	447.97	579	-10	82.24	120.0	34.7	100	70.9
	WY 2016	**6345**							**447.6**		
A	Oct 2016	466	7.6	446.90	559	-20	78.88	93.6	32.8	78	70.5
L	Nov 2016	374	6.3	446.33	549	-11	80.55	90.0	26.0	75	69.6
*	Dec 2016	271	4.4	447.64	573	24	83.20	117.6	17.5	98	64.5
	Jan 2017	282	4.6	447.00	561	-12	75.92	93.9	17.9	78	63.6
	Feb 2017	473	8.5	447.00	561	0	75.21	101.8	30.9	85	65.4
	Mar 2017	718	11.7	446.70	555	-6	74.26	120.0	46.8	100	65.2
	Apr 2017	744	12.5	448.70	593	38	75.08	120.0	49.1	100	65.9
	May 2017	635	10.3	448.70	593	0	76.05	120.0	42.1	100	66.3
	Jun 2017	672	11.3	448.70	593	0	76.05	120.0	44.6	100	66.5
	Jul 2017	648	10.5	448.00	580	-13	75.71	120.0	42.8	100	66.1
	Aug 2017	571	9.3	447.50	571	-9	75.13	120.0	37.3	100	65.3
	Sep 2017	522	8.8	447.50	570	0	75.69	102.0	34.3	85	65.8
	WY 2017	**6377**							**422.2**		
	Oct 2017	500	8.1	447.50	571	0	74.97	118.1	32.4	98	64.9
	Nov 2017	451	7.6	447.50	571	0	75.93	97.0	29.6	81	65.6
	Dec 2017	385	6.3	446.50	552	-19	74.40	120.0	24.5	100	63.7
	Jan 2018	380	6.2	446.50	552	0	74.88	98.7	24.4	82	64.2
	Feb 2018	491	8.8	446.50	552	0	75.04	95.4	32.1	79	65.4
	Mar 2018	723	11.8	446.70	555	4	74.01	120.0	47.0	100	65.0
	Apr 2018	759	12.8	448.70	593	38	75.08	120.0	50.1	100	65.9
	May 2018	629	10.2	448.70	593	0	76.05	120.0	41.7	100	66.2
	Jun 2018	665	11.2	448.70	593	0	76.05	120.0	44.2	100	66.4
	Jul 2018	629	10.2	448.00	580	-13	75.71	120.0	41.5	100	66.0
	Aug 2018	569	9.2	447.50	571	-9	75.13	120.0	37.1	100	65.3
	Sep 2018	505	8.5	447.50	570	0	74.89	120.0	32.8	100	65.0
	WY 2018	**6685**							**437.4**		
	Oct 2018	479	7.8	447.50	571	0	75.86	98.4	31.4	82	65.6
	Nov 2018	377	6.3	447.50	571	0	75.80	99.6	24.5	83	64.9
	Dec 2018	312	5.1	446.50	552	-19	74.40	120.0	19.7	100	63.0

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

January 2017 24-Month Study

Most Probable Inflow*

Upper Basin Power

	Date	Glen Canyon 1000 MWHR	Flaming Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Reservoir 1000 MWHR	Fontenelle Reservoir 1000 MWHR
*	Jan 2016	373	52	17	22	13	3
H	Feb 2016	302	45	16	21	12	4
I	Mar 2016	298	20	10	11	7	4
	Winter 2016	**1871**	**274**	**100**	**118**	**38**	**23**
S	Apr 2016	288	19	18	25	16	4
T	May 2016	305	20	38	61	21	7
O	Jun 2016	360	105	14	18	15	9
R	Jul 2016	435	46	34	40	22	6
I	Aug 2016	408	44	33	39	22	6
C	Sep 2016	315	42	30	36	20	3
	Summer 2016	**2111**	**276**	**166**	**218**	**116**	**34**
A	Oct 2016	269	33	26	33	19	0
L	Nov 2016	277	30	9	11	6	0
*	Dec 2016	395	41	10	11	6	0
	Jan 2017	345	40	10	12	6	6
	Feb 2017	284	36	9	12	6	4
	Mar 2017	269	19	11	15	8	4
	Winter 2017	**1839**	**201**	**76**	**94**	**51**	**14**
	Apr 2017	245	17	15	22	12	6
	May 2017	249	51	60	80	23	7
	Jun 2017	300	104	26	38	22	8
	Jul 2017	345	42	31	38	20	10
	Aug 2017	363	42	32	40	20	10
	Sep 2017	269	40	22	28	14	7
	Summer 2017	**1772**	**296**	**186**	**246**	**112**	**46**
	Oct 2017	256	42	15	19	10	7
	Nov 2017	255	40	6	8	4	6
	Dec 2017	285	42	8	10	6	6
	Jan 2018	338	42	10	13	7	6
	Feb 2018	296	38	9	12	6	5
	Mar 2018	310	42	10	14	8	5
	Winter 2018	**1740**	**244**	**57**	**76**	**41**	**35**
	Apr 2018	275	40	15	23	13	5
	May 2018	280	62	51	71	23	7
	Jun 2018	305	51	38	52	22	9
	Jul 2018	348	36	44	53	23	10
	Aug 2018	372	36	37	45	23	10
	Sep 2018	275	35	29	36	18	7
	Summer 2018	**1855**	**261**	**215**	**280**	**123**	**46**
	Oct 2018	262	36	18	23	12	7
	Nov 2018	262	35	9	12	6	6
	Dec 2018	293	36	15	19	10	6

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3022

Processed On: 1/12/2017 10:38:28AM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

January 2017 24-Month Study

Most Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions

Date	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Total KAF	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****EFFECTIVE SPACE****										
Jan 2017	759	237	399	12525	13921	17298	31219	759	237	399	1396	12525	17298	31219	5350	523	0	29.3
Jan 2017	759	237	399	12525	13921	17298	31219	484	101	399	984	12525	17298	30807	5350	523	0	29.3
Feb 2017	828	248	404	12978	14459	16938	31396	552	113	404	1069	12978	16938	30985	1500	613	0	29.1
Mar 2017	885	258	405	13288	14835	16791	31626	607	124	405	1136	13288	16791	31215	1500	1039	0	28.7
Apr 2017	842	263	373	13510	14989	17104	32093	559	129	373	1062	13510	17104	31676	1500	1068	0	28.5
May 2017	759	250	323	13451	14783	17514	32297	467	114	323	903	13451	17514	31868	1500	936	0	29.4
Jun 2017	611	297	190	12457	13555	17824	31380	306	152	154	612	12457	17824	30893	1500	857	0	31.0
Jul 2017	475	162	112	11062	11810	17979	29789	156	-6	21	171	11062	17979	29212	1500	808	0	31.0
								****CREDITABLE SPACE****										
Aug 2017	338	165	151	11157	11811	17955	29766	338	165	151	653	11157	17955	29766	1500	744	0	30.7
Sep 2017	360	215	183	11565	12323	17782	30105	360	215	183	758	11565	17782	30105	2270	720	0	30.2
Oct 2017	414	243	196	11821	12674	17800	30474	414	243	196	853	11821	17800	30474	3040	532	0	29.9
Nov 2017	467	252	189	11977	12884	17692	30576	467	252	189	908	11977	17692	30576	3810	775	0	29.7
Dec 2017	525	238	188	12154	13105	17817	30922	525	238	188	951	12154	17817	30922	4580	746	0	29.3
Jan 2018	604	236	192	12437	13470	17832	31301	604	236	192	1032	12437	17832	31301	5350	683	0	29.1
								****EFFECTIVE SPACE****										
Jan 2018	604	236	192	12437	13470	17832	31301	319	170	60	549	12437	17832	30818	5350	683	0	29.1
Feb 2018	679	245	197	12828	13949	17649	31598	392	181	65	638	12828	17649	31114	1500	679	0	28.9
Mar 2018	739	251	192	13122	14304	17546	31850	450	189	59	698	13122	17546	31366	1500	1008	0	28.6
Apr 2018	754	249	138	13308	14449	17740	32189	462	188	-2	647	13308	17740	31695	1500	1051	0	28.6
May 2018	736	228	50	13157	14171	18069	32240	438	163	-113	488	13157	18069	31713	1500	905	0	29.8
Jun 2018	669	187	87	11774	12717	18287	31004	362	113	-116	358	11774	18287	30419	1500	884	0	31.3
Jul 2018	437	70	249	10257	11013	18470	29483	112	-25	-10	77	10257	18470	28804	1500	797	0	31.5
								****CREDITABLE SPACE****										
Aug 2018	343	95	319	10087	10845	18445	29290	343	95	319	758	10087	18445	29290	1500	744	0	31.2
Sep 2018	369	144	342	10416	11270	18272	29542	369	144	342	854	10416	18272	29542	2270	695	0	30.9
Oct 2018	421	195	342	10607	11565	18267	29832	421	195	342	958	10607	18267	29832	3040	456	0	30.7
Nov 2018	468	218	331	10711	11728	18092	29820	468	218	331	1016	10711	18092	29820	3810	590	0	30.6
Dec 2018	516	217	328	10868	11928	18048	29976	516	217	328	1060	10868	18048	29976	4580	543	0	30.5

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3022

Processed On: 1/12/2017 10:38:28AM

February 24-Month Study
Date: February 13, 2017

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

Reservoir	January Inflow (unregulated) (acre-feet)	Percent of Average (%)	February 12, Midnight Elevation (feet)	February 12, Midnight Reservoir Storage (acre-feet)
Fontenelle	45,000	145	6,482.17	178,000
Flaming Gorge	49,000	107	6,022.91	3,084,000
Blue Mesa	29,000	114	7,490.16	583,000
Navajo	35,000	104	6,057.39	1,315,000
Powell	359,000	89	3,594.58	11,240,000

Expected Operations

The operation of Lake Powell and Lake Mead in this February 2017 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines), and reflects the 2017 Annual Operating Plan (AOP). Pursuant to the Interim Guidelines, the August 2016 24-Month Study projections of the January 1, 2017, system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2017.

Consistent with Section 6.B of the Interim Guidelines, Lake Powell's operations in water year 2017 will be governed by the Upper Elevation Balancing Tier, with an initial water year release volume of 8.23 million acre-feet (maf) and the potential for an April adjustment to equalization or balancing releases in April 2017. This February 2017 24-Month Study indicates that, consistent with Section 6.B.4 of the Interim Guidelines, an April adjustment to balancing releases is projected to occur and Lake Powell is projected to release 9.0 maf in water year 2017.

Consistent with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar year 2017.

The Interim Guidelines are available for download at:
https://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The 2017 AOP is available for download at:
https://www.usbr.gov/uc/water/rsvrs/ops/aop/AOP17.pdf.

Fontenelle Reservoir – Fontenelle Reservoir is currently at elevation 6,483 feet above sea level (feet), which amounts to 53 percent of live storage capacity. Inflows for the month of January totaled 44,600 acre-feet (af), or 148 percent of average. Average to above average inflows are forecasted over the next few months and releases have been increased in order to meet the spring elevation target. Releases have been set to base flow levels of 1,025 cubic feet per second (cfs) and are forecasted to remain at this level through the winter. Flows are anticipated to increase to 1,750 cfs on March 1, 2017 or whenever downstream icing threats have passed.

The Colorado Basin River Forecast Center has forecasted spring inflows that are above average. February, March, and April forecasted inflow volumes amount to 35,000 af (126 percent of average), 60,000 af (114 percent of average), and 120,000 af (140 percent of average), respectively.

The next Fontenelle Working Group meeting is scheduled for 10:00 a.m., April 19, 2017. The meeting will be held at Seedskadee Wildlife Refuge Headquarters, Wyoming. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir.

Flaming Gorge Reservoir – Releases are currently 1,800 cfs and expected to increase within the allowable parameters of the ROD up to 2,950 cfs through the end of February.

Unregulated inflow into Flaming Gorge Reservoir during the month of January was 49,000 af, or 122 percent of average. The reservoir elevation is 6,022.9 feet (82 percent of live capacity) and decreasing.

The February final forecast for inflows for the next three months projects above average conditions: February, March and April forecasted inflow volumes at 50,000 af (112 percent of average), 135,000 af (132 percent of average), and 225,000 af (169 percent of average), respectively.

The February water supply forecast of the April through July unregulated inflow volume into Flaming Gorge Reservoir is 1.65 maf (169 percent of average). Additional storms throughout the basin increased the current projection to 2 maf (~200 percent of average). Current snowpack is 180 percent of median and we have received 117 percent of the season peak for the Upper Green Basin with additional storm systems anticipated through February.

The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stakeholders of Flaming Gorge Dam. The public is

encouraged to attend and comment on the operations and plans presented by Reclamation at these meetings. Meeting notes from past Working Group meetings are posted on the Working Group webpage. For more information on this group and these meetings please contact Dale Hamilton at 801-379-1186 or Heather Patno at 801-524-3883.

Reclamation will be holding the Flaming Gorge Working Group meeting on Thursday, April 20, 2017, at 10:00 a.m. at the Utah Division of Wildlife Resources offices located at 318 North Vernal Avenue, Vernal, Utah.

Aspinall Unit Reservoirs – Crystal Dam is currently releasing 1,200 cfs and the Gunnison Tunnel diversion is shut down for the 2016 irrigation season. The average flow through the Black Canyon is measuring approximately 1,200 cfs at the stream gage below Gunnison Tunnel. The January unregulated inflow to Blue Mesa Reservoir was 28,600 af (119 percent of average). The end of January reservoir elevation for Blue Mesa was 7,490.68 feet with a live storage content in Blue Mesa of 584,000 af (70.4 percent full).

January was significantly wet in the Gunnison River Basin and the snowpack conditions increased significantly. On January 1, 2017 the Upper Gunnison Basin percent of median snow water equivalent was 117 percent of median for that date. On January 31, 2017 that percentage had increased to 167 percent of median for that date. As of the timing of this update (February 9, 2017) the snowpack is 163 percent of median for that date.

Unregulated Inflows to Blue Mesa for the next three months (February, March and April) are projected to be: 21,000 af (96 percent of average), 36,000 af (91 percent of average) and 95,000 af (100 percent of average), respectively. The April through July unregulated inflow forecast increased from 575,000 af (86 percent of average) for January to 925,000 af (137 percent of average) for February. The February 24-Month Study is reflective of this new forecast.

The Aspinall Unit Working Group is an open public forum for information exchange between Reclamation and the stakeholders of the Aspinall Unit. The public is encouraged to attend and comments on the operations and plans presented by Reclamation at these meetings. Meeting notes from past working Group meetings are posted on the Working Group webpage. For more information on this group and these meetings please contact Erik Knight in the Grand Junction Area Office at (970) 248-0629.

The next meeting of the Aspinall Unit Working Group will be held on Thursday, April 27th, 2017 at 1:00 pm at the Western Colorado Area Office located at 445 West Gunnison Avenue in Grand Junction, Colorado.

Navajo Reservoir – As of February 6, 2017, Navajo reservoir elevation is 6,056.9 feet (1.306 maf live storage) and is releasing 500 cfs. Releases are made for the authorized purposes of the Navajo Unit, and pursuant to the 2006 Record of Decision, in an attempt to maintain a target base flow through the endangered fish critical habitat reach of the

San Juan River (Farmington to Lake Powell). The San Juan River Basin Recovery Implementation Program (SJRIP) recommends a target base flow of between 500 cfs and 1,000 cfs through the critical habitat area. The target base flow is calculated as the weekly average of gaged flows throughout the critical habitat area.

Modified unregulated inflow into Navajo in January was 35,192 af, which was 161 percent of average for the month. Releases in January averaged 376 cfs and totaled 23,092 af, or 59 percent of average.

Inflows for the next three months are projected to be below average: with February, March, and April forecasted inflow volumes at 35,000 af (116 percent of average), 120,000 af (130 percent of average), and 190,000 af (111 percent of average), respectively.

The Most Probable April-July runoff forecast is 880,000 af (119 percent of average). Under the current Most Probable forecast, Navajo has enough available water for a spring peak release of 60 days at 5,000 cfs.

Releases will be made to maintain the target baseflow in the critical habitat reach for the remainder of the fall and winter and will likely range between 350 and 500 cfs. Under the most probable forecast, Navajo will peak at an elevation of 6,071 feet in early May.

Reclamation conducts Public Operations Meetings three times per year to gather input for determining upcoming operations for Navajo Reservoir. Input from individuals, organizations, and agencies along with other factors such as weather, water rights, endangered species requirements, flood control, hydro power, recreation, fish and wildlife management, and reservoir levels, will be considered in the development of these reservoir operation plans. In addition, the meetings are used to coordinate activities and exchange information among agencies, water users, and other interested parties concerning the San Juan River and Navajo Reservoir.

The next Navajo Public Operations Coordination Meeting is scheduled for April 25th, 2017, at 1pm at the Farmington Civic Center, Farmington, NM.

Glen Canyon Dam / Lake Powell

Current Status

The unregulated inflow to Lake Powell in January was 359 thousand acre-feet (kaf) (99 percent of average). The release volume from Glen Canyon Dam in January was 880 kaf. The end of January elevation and storage of Lake Powell were 3,596 feet (104 feet from full pool) and 11.4 maf (47 percent of full capacity), respectively. The reservoir is declining and will continue to decline until spring runoff begins to enter the reservoir. The current snowpack above Lake Powell is 159 percent of median.

Current Operations

The operating tier for water year 2017, established in August 2016, is the Upper Elevation Balancing Tier, with an initial water year release volume of 8.23 maf and the

potential for an April 2017 adjustment to equalization or balancing releases. Based on the current forecast, an April adjustment to balancing releases is projected to occur and Lake Powell is currently projected to release 9.0 maf in water year 2017. This projection will be updated each month throughout the water year.

In February 2017, the release volume will be approximately 715 kaf, with fluctuations anticipated between approximately 9,000 cfs and 15,000 cfs and consistent with the Glen Canyon Operating Criteria (Federal Register, Volume 62, No. 41, March 3, 1997). The anticipated release volume for March is approximately 720 kaf with daily fluctuations between approximately 8,000 cfs and 14,000 cfs. The expected release for April is 645 kaf with daily fluctuations between approximately 8,000 cfs and 14,000 cfs.

In addition to daily scheduled fluctuations for power generation, the instantaneous releases from Glen Canyon Dam may also fluctuate to provide 40 megawatts (mw) of system regulation. These instantaneous release adjustments stabilize the electrical generation and transmission system and translate to a range of up to about 1,200 cfs above or below the hourly scheduled release rate. Under system normal conditions, fluctuations for regulation are typically short lived and generally balance out over the hour with minimal or no noticeable impacts on downstream river flow conditions.

Releases from Glen Canyon Dam can also fluctuate beyond scheduled releases when called upon to respond to unscheduled power outages or power system emergencies. Depending on the severity of the system emergency, the response from Glen Canyon Dam can be significant, within the full range of the operating capacity of the power plant for as long as is necessary to maintain balance in the transmission system. Glen Canyon Dam currently maintains 27 mw (approximately 800 cfs) of generation capacity in reserve in order to respond to a system emergency even when generation rates are already high. System emergencies occur fairly infrequently and typically require small responses from Glen Canyon Dam. However, these responses can have a noticeable impact on the river downstream of Glen Canyon Dam.

Inflow Forecasts and Model Projections

The April to July 2017 water supply forecast for unregulated inflow to Lake Powell, issued on February 2, 2017, by the Colorado Basin River Forecast Center, projects that the most probable (median) unregulated inflow volume will be 9.6 maf (134 percent of average based on the period 1981-2010). The projected water year 2017 inflow is 13.2 maf (122 percent of average). At this early point in the season, there is still significant uncertainty regarding this year's water supply. The April-July forecast ranges from a minimum probable of 6.6 maf (92 percent of average) to a maximum probable of 13.5 maf (189 percent of average). There is a 10 percent chance that inflows could be higher than the current maximum probable forecast and a 10 percent chance that inflows could be lower than the minimum probable forecast.

Based on the current forecast , the February 24-Month Study projects Lake Powell elevation will end water year 2017 near 3,640 feet with approximately 16.0 maf in storage (66 percent of capacity). Note that projections of elevation and storage for water year 2017 have significant uncertainty at this point in the season. Projections of elevation and storage using the minimum and maximum probable inflow forecast, updated in

January, are 3,586 feet (10.4 maf, 43 percent of capacity) and 3,640 feet (16.0 maf, 66 percent of capacity), respectively. One thing to point out here, the February most probable has increased to the January maximum probable in just one month. Under these scenarios, there is a 10 percent chance that inflows will be higher, resulting in higher elevation and storage, and 10 percent chance that inflows will be lower, potentially in lower elevation and storage. The annual release volume from Lake Powell during water year 2017 is projected to be 9.0 maf under the minimum, most, and maximum probable inflow scenarios. There is a chance that inflows could be higher or lower, potentially resulting in releases greater than 9.0 maf or as low as 8.23 maf in water year 2017. Modeling of projected reservoir operations based on the minimum and maximum scenarios will be updated again in April.

Upper Colorado River Basin Hydrology

The Upper Colorado River Basin regularly experiences significant year to year hydrologic variability. During the 17-year period 2000 to 2015, however, the unregulated inflow to Lake Powell, which is a good measure of hydrologic conditions in the Colorado River Basin, was above average in only 3 out of the past 17 years. The period 2000-2016 is the lowest 17-year period since the closure of Glen Canyon Dam in 1963, with an average unregulated inflow of 8.57 maf, or 79 percent of the 30-year average (1981-2010). (For comparison, the 1981-2010 total water year average is 10.83 maf.) The unregulated inflow during the 2000-2016 period has ranged from a low of 2.64 maf (24 percent of average) in water year 2002 to a high of 15.97 maf (147 percent of average) in water year 2011. In water year 2016 unregulated inflow volume to Lake Powell was 9.62 maf (89 percent of average), which, though still below average, was significantly higher than inflows observed in 2012 and 2013 (45 percent and 47 percent of average, respectively). Under the current most probable forecast, the total water year 2017 unregulated inflow to Lake Powell is projected to be 13.5 maf (189 percent of average).

At the beginning of water year 2017, total system storage in the Colorado River Basin was 30.2 maf (50 percent of 59.6 maf total system capacity). This is nearly the same as the total storage at the beginning of water years 2015 and 2016 which began at 30.1 maf and 30.3 maf, respectively, both of which were 50 percent of capacity. Since the beginning of water year 2000, total Colorado Basin storage has experienced year to year increases and decreases in response to wet and dry hydrology, ranging from a high of 94 percent of capacity at the beginning of 2000 to a low of 50 percent of capacity at the beginning of water year 2005. One wet year can significantly increase total system reservoir storage, just as persistent dry years can draw down the system storage. Based on current inflow forecasts, the current projected end of water year total Colorado Basin reservoir storage for water year 2017 is approximately 29.8 maf (50 percent of total system capacity). The actual end of water year 2017 system storage may vary from this projection, primarily due to uncertainty regarding the season's snowpack and resulting runoff and reservoir inflow. Based on the January minimum and maximum probable inflow forecasts and modeling, the range of end of water year 2017 total system capacity is approximately 27.3 maf (46 percent of capacity) to 33.5 maf (56 percent of capacity), respectively.

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-430
125 SOUTH STATE STREET, ROOM 6107
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-3709

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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:	Obs			jan	Forecast		Outlook		
:	oct	nov	dec	jan	%Avg	feb	mar	apr	apr-jul	%Avg
GLDA3:Lake Powell	381	383	300	359	99%:	400/	720/	1200/	9600/:	134%
GBRW4:Fontenelle	57	62	37	45	148%:	35/	60/	120/	1200/:	166%
GRNU1:Flaming Gorge	70	73	35	49	122%:	50/	135/	225/	1650/:	168%
BMDC2:Blue Mesa	32	26	26	29	119%:	21/	36/	95/	925/:	137%
MPSC2:Morrow Point	33	28	27	30	113%:	23/	40/	110/	1020/:	138%
CLSC2:Crystal	37	31	31	34	109%:	27/	44/	130/	1150/:	138%
TPIC2:Taylor Park	5.5	4.2	4.9	5.5	129%:	3.1/	3.3/	7/	128/:	129%
VCRC2:Vallecito	11.4	6.5	5.7	6.8	126%:	4/	9/	24/	235/:	121%
NVRN5:Navajo	27	24	26	35	160%:	35/	120/	190/	880/:	120%
LEMC2:Lemon	2.0	1.07	0.96	1.06	121%:	0.6/	1/	6/	65/:	118%
MPHC2:McPhee	3.9	3.4	4.0	5.1	112%:	3.8/	25/	100/	440/:	149%
RBSC2:Ridgway	6.7	4.8	4.5	4.5	113%:	3.5/	6/	10/	118/:	117%

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 2017 24-Month Study

Most Probable Inflow*

Fontenelle Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Feb 2016	34	0	55	0	55	6476.59	149
H	Mar 2016	50	1	58	0	58	6474.73	140
I	Apr 2016	91	1	56	0	56	6481.34	174
S	May 2016	186	2	86	20	106	6493.63	252
T	Jun 2016	293	2	101	143	243	6500.14	299
O	Jul 2016	80	3	73	3	76	6500.25	300
R	Aug 2016	29	2	65	0	65	6495.03	262
I	Sep 2016	26	2	36	21	58	6490.22	229
	WY 2016	**943**	**15**	**739**	**213**	**952**		
C	Oct 2016	57	1	0	57	57	6490.08	228
A	Nov 2016	62	1	0	59	59	6490.44	230
L	Dec 2016	37	1	0	63	63	6486.33	203
*	Jan 2017	45	1	0	63	63	6483.20	184
	Feb 2017	35	1	61	0	61	6478.42	158
	Mar 2017	60	0	97	10	108	6467.90	110
	Apr 2017	120	1	90	47	137	6463.39	93
	May 2017	280	1	97	87	184	6483.59	187
	Jun 2017	485	2	102	290	393	6497.09	277
	Jul 2017	315	3	102	150	252	6504.99	338
	Aug 2017	105	2	100	26	126	6502.08	315
	Sep 2017	65	2	80	0	80	6499.92	298
	WY 2017	**1666**	**15**	**731**	**851**	**1582**		
	Oct 2017	62	1	74	0	74	6498.19	285
	Nov 2017	48	1	71	0	71	6494.84	261
	Dec 2017	32	1	74	0	74	6488.53	219
	Jan 2018	30	1	74	0	74	6481.40	175
	Feb 2018	28	1	67	0	67	6473.62	135
	Mar 2018	53	0	74	0	74	6468.66	114
	Apr 2018	85	1	89	0	89	6467.58	109
	May 2018	164	1	98	7	105	6480.08	167
	Jun 2018	299	2	102	69	171	6499.24	293
	Jul 2018	178	3	101	28	129	6505.15	339
	Aug 2018	77	2	92	0	92	6502.87	321
	Sep 2018	46	2	69	0	69	6499.60	296
	WY 2018	**1101**	**15**	**985**	**104**	**1088**		
	Oct 2018	49	1	71	0	71	6496.35	272
	Nov 2018	42	1	69	0	69	6492.43	244
	Dec 2018	32	1	71	0	71	6486.35	204
	Jan 2019	30	1	71	0	71	6479.25	163

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3027

Processed On: 2/9/2017 11:08:10AM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 2017 24-Month Study

Most Probable Inflow*

Flaming Gorge Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	Feb 2016	63	84	2	118	0	118	126	6024.11	3127	164
H	Mar 2016	84	93	3	51	0	51	127	6025.13	3165	131
I	Apr 2016	140	105	5	50	0	50	129	6026.43	3213	316
S	May 2016	362	282	8	52	0	52	138	6032.01	3427	701
T	Jun 2016	455	405	11	270	198	469	135	6030.17	3356	965
O	Jul 2016	91	88	13	116	4	120	133	6029.03	3312	220
R	Aug 2016	28	64	13	110	0	110	131	6027.55	3255	133
I	Sep 2016	36	67	11	107	0	107	129	6026.27	3207	128
	WY 2016	**1427**	**1437**	**80**	**1406**	**203**	**1609**				**3435**
C	Oct 2016	70	70	7	85	0	85	128	6025.69	3186	119
A	Nov 2016	73	70	4	77	0	77	128	6025.41	3175	113
L	Dec 2016	35	61	2	106	0	106	126	6024.19	3130	137
*	Jan 2017	49	67	2	110	0	110	124	6023.01	3087	155
	Feb 2017	50	76	2	100	0	100	123	6022.32	3062	125
	Mar 2017	135	183	3	183	0	183	123	6022.24	3059	260
	Apr 2017	225	242	5	179	0	179	125	6023.79	3116	399
	May 2017	435	339	8	252	0	252	129	6025.89	3193	797
	Jun 2017	640	548	10	282	78	360	135	6030.37	3363	900
	Jul 2017	350	287	14	131	0	131	141	6033.86	3500	226
	Aug 2017	130	151	13	131	0	131	141	6034.02	3507	156
	Sep 2017	75	90	12	126	0	126	139	6032.85	3460	143
	WY 2017	**2267**	**2183**	**81**	**1761**	**78**	**1839**				**3529**
	Oct 2017	73	85	8	131	0	131	137	6031.54	3409	161
	Nov 2017	57	81	4	126	0	126	135	6030.33	3362	157
	Dec 2017	35	77	2	131	0	131	133	6028.93	3308	156
	Jan 2018	40	84	2	131	0	131	131	6027.70	3261	156
	Feb 2018	45	84	2	118	0	118	130	6026.77	3226	146
	Mar 2018	102	124	3	131	0	131	129	6026.51	3216	207
	Apr 2018	134	137	5	126	0	126	130	6026.66	3222	342
	May 2018	245	186	8	184	0	184	129	6026.50	3216	716
	Jun 2018	390	262	10	211	0	211	131	6027.53	3255	631
	Jul 2018	210	162	13	98	0	98	133	6028.79	3303	198
	Aug 2018	89	104	13	98	0	98	133	6028.62	3296	124
	Sep 2018	55	78	11	95	0	95	132	6027.91	3269	114
	WY 2018	**1475**	**1462**	**80**	**1581**	**0**	**1581**				**3108**
	Oct 2018	59	82	7	98	0	98	131	6027.30	3246	131
	Nov 2018	51	78	3	95	0	95	130	6026.78	3226	127
	Dec 2018	35	74	2	98	0	98	129	6026.11	3201	124
	Jan 2019	40	81	2	98	0	98	128	6025.63	3183	123

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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Most Probable Inflow*

Taylor Park Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Feb 2016	4	5	9309.07	68
H	Mar 2016	5	6	9308.44	67
I	Apr 2016	9	6	9310.70	71
S	May 2016	17	11	9314.16	77
T	Jun 2016	41	20	9325.34	97
O	Jul 2016	11	21	9320.04	87
R	Aug 2016	9	16	9315.75	79
I	Sep 2016	6	14	9310.77	71
	WY 2016	**125**	**125**		
C	Oct 2016	5	6	9310.23	70
A	Nov 2016	4	5	9309.76	70
L	Dec 2016	5	5	9309.56	69
*	Jan 2017	6	5	9309.76	70
	Feb 2017	3	5	9308.67	68
	Mar 2017	3	6	9306.61	65
	Apr 2017	7	15	9301.10	57
	May 2017	35	22	9309.97	70
	Jun 2017	63	30	9328.45	103
	Jul 2017	23	25	9327.65	101
	Aug 2017	11	18	9323.81	94
	Sep 2017	9	18	9319.03	85
	WY 2017	**174**	**160**		
	Oct 2017	8	12	9316.40	81
	Nov 2017	5	6	9316.10	80
	Dec 2017	5	6	9315.34	79
	Jan 2018	4	6	9314.37	77
	Feb 2018	4	6	9313.05	75
	Mar 2018	4	6	9312.11	73
	Apr 2018	9	6	9313.77	76
	May 2018	28	20	9318.55	84
	Jun 2018	42	22	9328.93	104
	Jul 2018	20	22	9328.00	102
	Aug 2018	10	20	9323.00	92
	Sep 2018	7	16	9318.29	84
	WY 2018	**147**	**148**		
	Oct 2018	7	8	9317.53	83
	Nov 2018	5	6	9317.03	82
	Dec 2018	5	6	9316.27	80
	Jan 2019	4	6	9315.31	79

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Most Probable Inflow*

Blue Mesa Reservoir

	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Feb 2016	26	27	0	59	0	58	7487.04	559
H	Mar 2016	41	42	0	36	0	37	7487.62	563
I	Apr 2016	75	72	1	63	0	63	7488.62	571
S	May 2016	161	155	1	134	19	153	7488.74	572
T	Jun 2016	285	265	1	46	0	46	7514.84	788
O	Jul 2016	81	91	2	112	0	112	7512.31	766
R	Aug 2016	57	65	1	110	0	110	7506.94	720
I	Sep 2016	38	46	1	100	0	100	7500.48	665
	WY 2016	**881**	**882**	**9**	**913**	**19**	**934**		
C	Oct 2016	32	33	1	90	0	90	7493.44	608
A	Nov 2016	26	27	0	33	0	33	7492.53	601
L	Dec 2016	26	26	0	35	0	35	7491.43	593
*	Jan 2017	29	28	0	34	0	34	7490.68	587
	Feb 2017	21	23	0	54	0	54	7486.62	555
	Mar 2017	36	39	0	71	0	71	7482.36	523
	Apr 2017	95	103	1	63	0	63	7487.55	562
	May 2017	295	282	1	174	0	174	7500.95	669
	Jun 2017	400	367	1	205	65	269	7512.20	765
	Jul 2017	135	137	2	141	0	141	7511.52	759
	Aug 2017	70	77	1	146	0	146	7503.41	690
	Sep 2017	51	60	1	93	0	93	7499.25	655
	WY 2017	**1216**	**1202**	**9**	**1139**	**65**	**1203**		
	Oct 2017	47	52	1	64	0	64	7497.62	642
	Nov 2017	35	35	0	44	0	44	7496.55	633
	Dec 2017	26	27	0	85	0	85	7489.13	575
	Jan 2018	24	26	0	61	0	61	7484.55	540
	Feb 2018	22	25	0	44	0	44	7481.97	520
	Mar 2018	36	38	0	50	0	50	7480.24	508
	Apr 2018	77	74	1	60	0	60	7482.12	522
	May 2018	221	213	1	141	0	141	7491.41	592
	Jun 2018	261	241	1	86	0	86	7510.05	746
	Jul 2018	117	119	2	118	0	118	7510.01	746
	Aug 2018	63	73	1	127	0	127	7503.59	691
	Sep 2018	38	47	1	97	0	97	7497.42	640
	WY 2018	**968**	**969**	**8**	**975**	**0**	**975**		
	Oct 2018	38	40	1	68	0	68	7493.87	612
	Nov 2018	31	32	0	38	0	38	7493.13	606
	Dec 2018	26	27	0	58	0	58	7489.17	575
	Jan 2019	24	26	0	55	0	55	7485.41	546

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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Most Probable Inflow*

Morrow Point Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Feb 2016	27	58	1	60	61	0	61	7148.82	108
H	Mar 2016	43	37	2	39	36	0	36	7152.74	111
I	Apr 2016	83	63	7	71	71	0	71	7152.57	111
S	May 2016	176	153	15	168	176	4	180	7136.53	99
T	Jun 2016	302	46	18	64	52	0	52	7152.31	111
O	Jul 2016	83	112	2	114	113	0	113	7153.43	112
R	Aug 2016	58	110	1	111	111	0	111	7153.88	112
I	Sep 2016	39	100	1	100	103	0	103	7150.03	109
	WY 2016	**931**	**934**	**49**	**983**	**972**	**5**	**978**		
C	Oct 2016	33	90	1	91	93	0	93	7146.55	106
A	Nov 2016	28	33	2	36	32	0	35	7147.39	107
L	Dec 2016	27	35	1	36	34	0	34	7150.44	109
*	Jan 2017	30	34	2	36	33	0	33	7153.75	112
	Feb 2017	23	54	2	56	56	0	56	7153.73	112
	Mar 2017	40	71	4	75	75	0	75	7153.73	112
	Apr 2017	110	63	15	78	78	0	78	7153.73	112
	May 2017	330	174	35	209	209	0	209	7153.73	112
	Jun 2017	435	269	35	304	296	8	304	7153.73	112
	Jul 2017	145	141	10	151	151	0	151	7153.73	112
	Aug 2017	74	146	4	150	150	0	150	7153.73	112
	Sep 2017	54	93	3	96	96	0	96	7153.73	112
	WY 2017	**1330**	**1203**	**114**	**1317**	**1303**	**8**	**1314**		
	Oct 2017	50	64	3	67	67	0	67	7153.73	112
	Nov 2017	37	44	2	46	46	0	46	7153.73	112
	Dec 2017	28	85	2	88	88	0	88	7153.73	112
	Jan 2018	27	61	2	63	63	0	63	7153.73	112
	Feb 2018	25	44	3	46	46	0	46	7153.73	112
	Mar 2018	40	50	4	54	54	0	54	7153.73	112
	Apr 2018	88	60	11	71	71	0	71	7153.73	112
	May 2018	247	141	26	167	167	0	167	7153.73	112
	Jun 2018	281	86	20	106	106	0	106	7153.73	112
	Jul 2018	123	118	6	124	124	0	124	7153.73	112
	Aug 2018	67	127	3	130	130	0	130	7153.73	112
	Sep 2018	41	97	3	99	99	0	99	7153.73	112
	WY 2018	**1053**	**975**	**85**	**1061**	**1061**	**0**	**1061**		
	Oct 2018	41	68	3	70	70	0	70	7153.73	112
	Nov 2018	33	38	2	40	40	0	40	7153.73	112
	Dec 2018	28	58	2	60	60	0	60	7153.73	112
	Jan 2019	27	55	2	57	57	0	57	7153.73	112

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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February 2017 24-Month Study

Most Probable Inflow*

Crystal Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
*	Feb 2016	30	61	3	64	63	0	63	6752.48	17	0	65
H	Mar 2016	48	36	5	41	41	0	41	6752.32	17	2	41
I	Apr 2016	92	71	9	80	80	0	80	6751.41	16	47	36
S	May 2016	194	180	18	198	109	64	197	6753.13	17	51	154
T	Jun 2016	344	52	41	93	74	20	93	6752.00	17	43	53
O	Jul 2016	89	113	6	119	117	2	119	6750.04	16	64	58
R	Aug 2016	62	111	4	114	114	0	114	6749.30	16	62	53
I	Sep 2016	42	103	3	106	106	1	107	6747.05	15	59	47
	WY 2016	**1034**	**978**	**103**	**1081**	**811**	**243**	**1080**			**384**	**724**
C	Oct 2016	37	93	4	97	97	0	97	6747.92	15	57	39
A	Nov 2016	31	35	3	38	37	0	37	6750.47	16	1	36
L	Dec 2016	31	34	4	38	36	1	37	6751.45	17	0	37
*	Jan 2017	35	33	4	37	36	2	37	6750.29	16	1	37
	Feb 2017	27	56	4	60	59	0	59	6753.04	17	0	59
	Mar 2017	44	75	4	79	79	0	79	6753.04	17	5	74
	Apr 2017	130	78	20	98	98	0	98	6753.04	17	30	68
	May 2017	375	209	45	254	134	120	254	6753.04	17	55	199
	Jun 2017	485	304	50	354	130	225	354	6753.04	17	60	294
	Jul 2017	160	151	15	166	134	32	166	6753.04	17	65	101
	Aug 2017	78	150	4	154	134	20	154	6753.04	17	65	89
	Sep 2017	60	96	6	102	102	0	102	6753.04	17	55	47
	WY 2017	**1493**	**1314**	**163**	**1477**	**1076**	**399**	**1475**			**394**	**1081**
	Oct 2017	56	67	6	73	73	0	73	6753.04	17	30	43
	Nov 2017	42	46	5	51	51	0	51	6753.04	17	0	51
	Dec 2017	32	88	5	92	92	0	92	6753.04	17	0	92
	Jan 2018	31	63	5	68	68	0	68	6753.04	17	0	68
	Feb 2018	29	46	4	50	50	0	50	6753.04	17	0	50
	Mar 2018	46	54	6	60	60	0	60	6753.04	17	5	55
	Apr 2018	101	71	12	83	83	0	83	6753.04	17	30	53
	May 2018	281	167	34	201	134	67	201	6753.04	17	55	146
	Jun 2018	315	106	34	140	130	10	140	6753.04	17	60	80
	Jul 2018	138	124	14	138	134	4	138	6753.04	17	65	73
	Aug 2018	75	130	8	138	134	4	138	6753.04	17	65	73
	Sep 2018	47	99	6	105	105	0	105	6753.04	17	55	50
	WY 2018	**1192**	**1061**	**139**	**1200**	**1115**	**85**	**1200**			**365**	**835**
	Oct 2018	47	70	6	76	76	0	76	6753.04	17	30	46
	Nov 2018	38	40	5	45	45	0	45	6753.04	17	0	45
	Dec 2018	32	60	5	65	65	0	65	6753.04	17	0	65
	Jan 2019	31	57	5	61	61	0	61	6753.04	17	0	61

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Most Probable Inflow*

Vallecito Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Feb 2016	7	6	7649.77	86
H	Mar 2016	14	6	7652.71	94
I	Apr 2016	25	13	7657.23	105
S	May 2016	60	44	7663.23	121
T	Jun 2016	77	73	7664.30	124
O	Jul 2016	17	38	7656.15	102
R	Aug 2016	15	33	7648.82	84
I	Sep 2016	14	27	7643.21	71
	WY 2016	**269**	**270**		
C	Oct 2016	11	8	7644.63	74
A	Nov 2016	6	2	7646.51	79
L	Dec 2016	6	2	7647.98	82
*	Jan 2017	7	5	7648.89	84
	Feb 2017	4	3	7649.10	85
	Mar 2017	9	2	7651.99	92
	Apr 2017	24	2	7660.60	114
	May 2017	85	85	7660.27	113
	Jun 2017	97	89	7663.18	121
	Jul 2017	29	42	7657.82	106
	Aug 2017	20	38	7650.50	88
	Sep 2017	17	30	7644.97	75
	WY 2017	**315**	**308**		
	Oct 2017	15	17	7644.06	73
	Nov 2017	9	2	7647.04	80
	Dec 2017	6	2	7648.92	84
	Jan 2018	5	2	7650.37	88
	Feb 2018	5	2	7651.60	91
	Mar 2018	9	2	7654.25	97
	Apr 2018	23	2	7662.46	119
	May 2018	71	69	7663.20	121
	Jun 2018	70	70	7663.20	121
	Jul 2018	29	42	7658.13	107
	Aug 2018	20	38	7650.74	89
	Sep 2018	17	30	7645.44	76
	WY 2018	**281**	**276**		
	Oct 2018	16	17	7644.66	75
	Nov 2018	9	2	7647.65	81
	Dec 2018	6	2	7649.52	86
	Jan 2019	5	2	7650.96	89

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February 2017 24-Month Study

Most Probable Inflow*

Navajo Reservoir

	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azetea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Farmington Flow (1000 Ac-Ft)
*	Feb 2016	42	2	39	1	1	28	6064.39	1405	43
H	Mar 2016	81	6	67	2	4	25	6067.08	1441	53
I	Apr 2016	119	14	94	3	19	22	6070.75	1491	53
S	May 2016	209	28	165	4	12	91	6074.87	1549	175
T	Jun 2016	214	35	174	5	25	250	6067.29	1443	376
O	Jul 2016	24	4	40	5	37	79	6061.29	1364	97
R	Aug 2016	30	4	45	4	33	35	6059.16	1337	54
I	Sep 2016	21	1	33	3	27	30	6056.98	1310	41
	WY 2016	**864**	**96**	**769**	**29**	**169**	**653**			**1056**
C	Oct 2016	27	0	24	2	5	27	6056.19	1300	46
A	Nov 2016	24	0	19	1	0	22	6055.87	1296	44
L	Dec 2016	26	0	22	1	0	21	6055.92	1297	41
*	Jan 2017	35	0	33	1	0	23	6056.65	1306	42
	Feb 2017	35	0	34	1	0	28	6057.11	1311	39
	Mar 2017	120	2	111	2	5	31	6062.85	1384	50
	Apr 2017	190	17	151	3	20	30	6070.19	1483	93
	May 2017	340	49	291	4	34	261	6069.61	1475	445
	Jun 2017	290	45	236	4	50	297	6060.93	1360	496
	Jul 2017	60	10	64	4	55	135	6050.36	1230	204
	Aug 2017	56	2	72	3	46	33	6049.50	1220	72
	Sep 2017	50	1	62	3	26	27	6050.09	1227	58
	WY 2017	**1253**	**126**	**1119**	**27**	**242**	**933**			**1628**
	Oct 2017	52	2	52	2	9	23	6051.56	1244	51
	Nov 2017	35	1	28	1	0	22	6051.93	1248	40
	Dec 2017	25	0	20	1	0	23	6051.65	1245	38
	Jan 2018	22	0	18	1	0	23	6051.21	1240	37
	Feb 2018	30	0	27	1	0	21	6051.67	1245	33
	Mar 2018	92	2	83	2	5	23	6056.07	1299	45
	Apr 2018	170	15	134	2	21	22	6063.06	1387	75
	May 2018	277	37	237	4	35	151	6066.62	1434	297
	Jun 2018	224	32	191	4	51	272	6056.05	1298	423
	Jul 2018	66	6	72	4	56	44	6053.49	1267	111
	Aug 2018	45	1	62	3	47	33	6051.65	1245	72
	Sep 2018	43	1	55	3	26	26	6051.65	1245	58
	WY 2018	**1082**	**98**	**979**	**27**	**251**	**684**			**1281**
	Oct 2018	47	2	47	2	10	23	6052.68	1257	51
	Nov 2018	34	1	26	1	0	22	6052.89	1260	40
	Dec 2018	25	0	21	1	0	23	6052.63	1257	38
	Jan 2019	22	0	18	1	0	23	6052.19	1251	37

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Most Probable Inflow*

Lake Powell

	Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry Gage (1000 Ac-Ft)
*	Feb 2016	396	490	8	700	0	700	3594.41	4952	11224	704
H	Mar 2016	553	486	14	694	0	694	3592.18	4935	11019	707
I	Apr 2016	814	681	22	665	0	665	3592.12	4935	11014	681
S	May 2016	2294	1925	26	700	0	700	3603.87	5024	12123	709
T	Jun 2016	2907	2618	46	800	0	800	3620.01	5155	13764	807
O	Jul 2016	595	804	58	950	0	950	3618.22	5140	13576	963
R	Aug 2016	253	432	56	900	0	900	3613.55	5101	13091	914
I	Sep 2016	281	461	50	699	0	699	3610.93	5080	12824	712
	WY 2016	**9616**	**9909**	**378**	**9000**	**0**	**9000**				**9117**
C	Oct 2016	381	477	35	601	0	601	3609.48	5068	12678	610
A	Nov 2016	383	389	33	624	126	750	3605.81	5039	12313	754
L	Dec 2016	300	366	26	898	0	898	3600.49	4997	11797	913
*	Jan 2017	359	415	8	880	0	880	3595.86	4962	11359	900
	Feb 2017	400	475	8	715	0	715	3593.38	4944	11130	719
	Mar 2017	720	721	14	720	0	720	3593.25	4943	11117	725
	Apr 2017	1200	998	22	620	0	620	3596.80	4969	11447	629
	May 2017	3300	3000	29	645	0	645	3618.46	5142	13601	653
	Jun 2017	3750	3443	51	750	0	750	3640.37	5337	16047	757
	Jul 2017	1350	1276	67	850	0	850	3643.16	5364	16379	866
	Aug 2017	600	701	67	900	0	900	3641.10	5344	16133	915
	Sep 2017	450	547	61	670	0	670	3639.66	5331	15963	683
	WY 2017	**13193**	**12808**	**419**	**8874**	**126**	**9000**				**9126**
	Oct 2017	547	605	42	640	0	640	3639.05	5325	15891	649
	Nov 2017	489	555	40	640	0	640	3638.06	5316	15775	644
	Dec 2017	363	516	32	720	0	720	3636.18	5298	15557	723
	Jan 2018	361	489	10	860	0	860	3633.11	5270	15204	867
	Feb 2018	393	478	11	750	0	750	3630.80	5249	14943	754
	Mar 2018	665	646	18	800	0	800	3629.38	5236	14784	805
	Apr 2018	1056	919	28	710	0	710	3630.87	5250	14951	719
	May 2018	2343	2149	35	710	0	710	3642.08	5354	16250	718
	Jun 2018	2666	2444	58	750	0	750	3654.36	5475	17765	757
	Jul 2018	1091	1020	73	850	0	850	3655.07	5482	17855	866
	Aug 2018	500	610	72	900	0	900	3652.42	5455	17519	915
	Sep 2018	408	516	65	670	0	670	3650.80	5439	17316	683
	WY 2018	**10882**	**10946**	**484**	**9000**	**0**	**9000**				**9102**
	Oct 2018	512	569	45	640	0	640	3649.94	5430	17208	649
	Nov 2018	473	513	43	640	0	640	3648.67	5418	17051	644
	Dec 2018	363	456	34	720	0	720	3646.43	5396	16775	723
	Jan 2019	361	451	11	1230	0	1230	3640.34	5337	16044	1237

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 2017 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Glen Release (1000 Ac-Ft)	Side Inflow Glen to Hoover (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Feb 2016	700	81	28	699	12.2	10	698	673	1084.17	10360
H	Mar 2016	694	31	31	1008	16.4	18	1007	653	1080.45	10048
I	Apr 2016	665	68	38	1055	17.7	18	1055	630	1076.13	9693
S	May 2016	700	50	43	887	14.4	22	885	618	1073.80	9504
T	Jun 2016	800	14	51	920	15.5	28	919	606	1071.64	9330
O	Jul 2016	950	70	64	831	13.5	30	830	612	1072.75	9419
R	Aug 2016	900	107	69	701	11.4	28	700	625	1075.17	9615
I	Sep 2016	699	88	57	702	11.8	22	701	625	1075.23	9620
	WY 2016	**9000**	**798**	**531**	**9293**		**224**	**9282**			
C	Oct 2016	601	78	42	518	8.4	23	517	631	1076.34	9710
A	Nov 2016	750	77	42	751	12.6	16	750	632	1076.55	9727
L	Dec 2016	898	64	36	542	8.8	9	536	655	1080.82	10079
*	Jan 2017	880	126	30	500	8.1	5	494	684	1086.08	10521
	Feb 2017	715	73	28	514	9.2	8	514	698	1088.70	10745
	Mar 2017	720	55	31	1004	16.3	16	1004	682	1085.66	10486
	Apr 2017	620	53	39	1075	18.1	23	1075	653	1080.48	10051
	May 2017	645	37	44	943	15.3	28	943	633	1076.69	9739
	Jun 2017	750	21	52	864	14.5	29	864	622	1074.69	9576
	Jul 2017	850	78	65	815	13.3	32	815	623	1074.87	9590
	Aug 2017	900	124	69	751	12.2	30	751	634	1076.89	9755
	Sep 2017	670	112	57	698	11.7	27	698	634	1076.89	9755
	WY 2017	**9000**	**900**	**535**	**8973**		**247**	**8959**			
	Oct 2017	640	69	42	501	8.1	22	501	643	1078.54	9890
	Nov 2017	640	56	42	722	12.1	14	722	638	1077.61	9814
	Dec 2017	720	54	36	691	11.2	10	691	640	1078.04	9849
	Jan 2018	860	62	30	723	11.8	7	723	650	1079.88	10001
	Feb 2018	750	73	27	603	10.9	8	603	662	1082.07	10184
	Mar 2018	800	55	31	1046	17.0	16	1046	647	1079.39	9960
	Apr 2018	710	53	38	1102	18.5	23	1102	623	1074.80	9585
	May 2018	710	37	43	970	15.8	29	970	605	1071.37	9309
	Jun 2018	750	21	51	871	14.6	29	871	594	1069.25	9140
	Jul 2018	850	78	63	825	13.4	32	825	594	1069.22	9137
	Aug 2018	900	124	68	769	12.5	30	769	604	1071.08	9285
	Sep 2018	670	112	56	692	11.6	27	692	604	1071.17	9292
	WY 2018	**9000**	**795**	**526**	**9513**		**248**	**9513**			
	Oct 2018	640	69	41	491	8.0	22	491	613	1072.98	9438
	Nov 2018	640	56	41	631	10.6	14	631	614	1073.10	9447
	Dec 2018	720	54	36	599	9.7	11	599	622	1074.59	9568
	Jan 2019	1230	62	30	678	11.0	14	678	657	1081.12	10104

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 2017 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Feb 2016	699	-20	10	675	0	675	11.7	641.03	1645
H	Mar 2016	1008	-16	13	921	0	921	15.0	643.17	1703
I	Apr 2016	1055	-18	17	979	0	979	16.4	644.70	1746
S	May 2016	887	-6	22	903	0	903	14.7	643.07	1701
T	Jun 2016	920	-16	26	838	0	838	14.1	644.53	1741
O	Jul 2016	831	-24	26	803	0	803	13.1	643.75	1719
R	Aug 2016	701	-12	23	714	0	714	11.6	642.00	1671
I	Sep 2016	702	-18	18	711	0	711	11.9	640.34	1627
	WY 2016	**9293**	**-195**	**198**	**8879**	**0**	**8879**			
C	Oct 2016	518	-7	15	640	0	640	10.4	634.86	1482
A	Nov 2016	751	-29	11	574	0	574	9.6	640.09	1620
L	Dec 2016	542	-17	9	482	0	482	7.8	641.31	1653
*	Jan 2017	500	-23	10	408	0	408	6.6	643.47	1712
	Feb 2017	514	-14	10	530	0	530	9.5	642.00	1671
	Mar 2017	1004	-16	13	961	0	961	15.6	642.50	1685
	Apr 2017	1075	-19	17	1025	0	1025	17.2	643.00	1699
	May 2017	943	-13	22	908	0	908	14.8	643.00	1699
	Jun 2017	864	-16	25	849	0	849	14.3	642.00	1671
	Jul 2017	815	-13	25	790	0	790	12.9	641.50	1658
	Aug 2017	751	-11	23	717	0	717	11.7	641.50	1658
	Sep 2017	698	-9	18	711	0	711	11.9	640.01	1617
	WY 2017	**8973**	**-188**	**198**	**8596**	**0**	**8596**			
	Oct 2017	501	-1	15	668	0	668	10.9	633.00	1434
	Nov 2017	722	-8	10	652	0	652	11.0	635.00	1486
	Dec 2017	691	-12	9	572	0	572	9.3	638.71	1583
	Jan 2018	723	-14	10	616	0	616	10.0	641.80	1666
	Feb 2018	603	-14	10	579	0	579	10.4	641.80	1666
	Mar 2018	1046	-16	13	983	0	983	16.0	643.05	1700
	Apr 2018	1102	-19	17	1067	0	1067	17.9	643.00	1699
	May 2018	970	-13	22	934	0	934	15.2	643.00	1699
	Jun 2018	871	-16	25	856	0	856	14.4	642.00	1671
	Jul 2018	825	-13	25	800	0	800	13.0	641.50	1658
	Aug 2018	769	-11	23	735	0	735	12.0	641.50	1658
	Sep 2018	692	-9	18	705	0	705	11.8	640.01	1617
	WY 2018	**9513**	**-146**	**197**	**9170**	**0**	**9170**			
	Oct 2018	491	-1	15	658	0	658	10.7	633.00	1434
	Nov 2018	631	-8	10	562	0	562	9.4	635.00	1486
	Dec 2018	599	-12	9	481	0	481	7.8	638.71	1583
	Jan 2019	678	-14	10	571	0	571	9.3	641.80	1666

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 2017 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	Feb 2016	675	9	8	543	9.4	13	117	446.50	552	180	3.1
H	Mar 2016	921	18	9	695	11.3	89	123	447.40	569	221	3.6
I	Apr 2016	979	18	11	689	11.6	93	169	448.89	597	202	3.4
S	May 2016	903	13	13	636	10.3	97	176	448.08	581	97	1.6
T	Jun 2016	838	18	15	633	10.6	95	89	448.81	596	92	1.5
O	Jul 2016	803	20	17	617	10.0	100	74	449.03	600	102	1.7
R	Aug 2016	714	23	17	570	9.3	85	65	448.50	590	99	1.6
I	Sep 2016	711	14	15	490	8.2	89	134	447.97	579	92	1.5
	WY 2016	**8879**	**225**	**140**	**6360**		**1057**	**1467**			**1496**	
C	Oct 2016	640	36	12	466	7.6	80	133	446.90	559	61	1.0
A	Nov 2016	574	21	9	374	6.3	78	140	446.33	549	97	1.6
L	Dec 2016	482	26	7	271	4.4	86	118	447.64	573	112	1.8
*	Jan 2017	408	34	6	244	4.0	68	126	447.29	567	126	2.1
	Feb 2017	530	12	8	451	8.1	13	68	447.00	561	160	2.9
	Mar 2017	961	4	9	718	11.7	40	181	447.50	570	198	3.2
	Apr 2017	1025	19	11	744	12.5	79	175	448.70	593	175	2.9
	May 2017	908	16	13	635	10.3	82	181	448.70	593	104	1.7
	Jun 2017	849	14	16	672	11.3	79	84	448.70	593	105	1.8
	Jul 2017	790	29	17	648	10.5	82	72	448.00	580	111	1.8
	Aug 2017	717	26	17	571	9.3	82	71	447.50	571	100	1.6
	Sep 2017	711	23	15	522	8.8	51	138	447.50	570	89	1.5
	WY 2017	**8596**	**259**	**140**	**6316**		**820**	**1490**			**1438**	
	Oct 2017	668	27	12	500	8.1	43	132	447.50	571	74	1.2
	Nov 2017	652	22	9	430	7.2	45	184	447.50	571	124	2.1
	Dec 2017	572	19	7	365	5.9	45	189	446.50	552	140	2.3
	Jan 2018	616	13	6	366	5.9	96	157	446.50	552	138	2.2
	Feb 2018	579	12	8	472	8.5	30	73	446.50	552	160	2.9
	Mar 2018	983	4	9	718	11.7	96	152	446.70	555	198	3.2
	Apr 2018	1067	19	11	749	12.6	94	184	448.70	593	175	2.9
	May 2018	934	16	13	640	10.4	96	189	448.70	593	104	1.7
	Jun 2018	856	14	16	675	11.4	94	73	448.70	593	105	1.8
	Jul 2018	800	29	17	643	10.5	96	73	448.00	580	111	1.8
	Aug 2018	735	26	17	573	9.3	96	73	447.50	571	100	1.6
	Sep 2018	705	23	15	508	8.5	39	157	447.50	570	89	1.5
	WY 2018	**9170**	**224**	**139**	**6640**		**871**	**1638**			**1517**	
	Oct 2018	658	27	12	486	7.9	32	147	447.50	571	74	1.2
	Nov 2018	562	22	9	390	6.6	32	147	447.50	571	116	1.9
	Dec 2018	481	19	7	329	5.3	32	147	446.50	552	131	2.1
	Jan 2019	571	13	6	362	5.9	105	107	446.50	552	134	2.2

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 2017 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Feb 2016	699	12.2	1084.17	10360	41	437.39	880.0	277.0	55	396.1
H	Mar 2016	1008	16.4	1080.45	10048	-311	434.20	973.0	402.7	61	399.7
I	Apr 2016	1055	17.7	1076.13	9693	-355	429.37	1244.0	413.9	80	392.2
S	May 2016	887	14.4	1073.80	9504	-189	426.83	1164.0	343.6	74	387.5
T	Jun 2016	920	15.5	1071.64	9330	-174	425.27	1528.0	349.7	100	380.2
O	Jul 2016	831	13.5	1072.75	9419	89	427.46	1528.0	311.5	100	374.8
R	Aug 2016	701	11.4	1075.17	9615	196	431.00	1549.0	265.2	100	378.4
I	Sep 2016	702	11.8	1075.23	9620	5	429.97	1539.0	266.3	100	379.1
	WY 2016	**9293**							**3596.9**		
C	Oct 2016	518	8.4	1076.34	9710	90	438.10	1335.0	195.2	87	377.1
A	Nov 2016	751	12.6	1076.55	9727	17	427.42	1072.0	290.6	80	386.7
L	Dec 2016	542	8.8	1080.82	10079	352	438.26	1103.0	207.3	71	382.3
*	Jan 2017	500	8.1	1086.08	10521	442	442.12	857.0	192.4	55	384.9
	Feb 2017	514	9.2	1088.70	10745	224	438.52	938.0	202.6	58	394.4
	Mar 2017	1004	16.3	1085.66	10486	-259	436.23	1283.0	396.5	80	395.0
	Apr 2017	1075	18.1	1080.48	10051	-435	431.78	1267.1	426.1	81	396.5
	May 2017	943	15.3	1076.69	9739	-312	427.23	1240.0	367.9	80	390.1
	Jun 2017	864	14.5	1074.69	9576	-163	422.58	1535.0	327.9	100	379.5
	Jul 2017	815	13.3	1074.87	9590	15	422.16	1536.0	313.0	100	383.9
	Aug 2017	751	12.2	1076.89	9755	164	423.41	1549.0	286.5	100	381.8
	Sep 2017	698	11.7	1076.89	9755	0	424.90	1547.0	266.1	100	381.3
	WY 2017	**8973**							**3472.0**		
	Oct 2017	501	8.1	1078.54	9890	135	430.57	1158.0	195.6	74	390.7
	Nov 2017	722	12.1	1077.61	9814	-76	433.97	1042.0	285.9	67	396.1
	Dec 2017	691	11.2	1078.04	9849	35	431.68	1067.0	269.4	69	390.0
	Jan 2018	723	11.8	1079.88	10001	152	431.26	978.0	284.6	63	393.6
	Feb 2018	603	10.9	1082.07	10184	183	432.28	980.0	235.4	63	390.5
	Mar 2018	1046	17.0	1079.39	9960	-223	430.90	1076.0	415.0	69	396.8
	Apr 2018	1102	18.5	1074.80	9585	-375	428.26	863.9	447.8	57	406.3
	May 2018	970	15.8	1071.37	9309	-276	422.33	1135.1	376.5	75	388.2
	Jun 2018	871	14.6	1069.25	9140	-169	417.25	1499.0	326.6	100	375.1
	Jul 2018	825	13.4	1069.22	9137	-3	416.67	1505.6	313.1	100	379.4
	Aug 2018	769	12.5	1071.08	9285	148	417.74	1516.2	290.5	100	377.7
	Sep 2018	692	11.6	1071.17	9292	7	419.19	1516.7	260.1	100	376.0
	WY 2018	**9513**							**3700.4**		
	Oct 2018	491	8.0	1072.98	9438	145	424.96	1137.1	189.2	74	385.4
	Nov 2018	631	10.6	1073.10	9447	9	428.96	1029.6	243.0	67	385.2
	Dec 2018	599	9.7	1074.59	9568	121	427.72	1060.8	231.2	69	385.7
	Jan 2019	678	11.0	1081.12	10104	536	430.17	987.3	263.9	63	389.4

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 2017 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Feb 2016	675	11.7	641.03	1645	-6	139.82	178.5	86.3	70	127.8
H	Mar 2016	921	15.0	643.17	1703	58	139.07	214.2	117.9	84	128.0
I	Apr 2016	979	16.4	644.70	1746	42	143.66	255.0	125.4	100	128.2
S	May 2016	903	14.7	643.07	1701	-45	141.63	252.5	115.5	99	127.8
T	Jun 2016	838	14.1	644.53	1741	40	143.17	255.0	107.4	100	128.1
O	Jul 2016	803	13.1	643.75	1719	-22	144.39	252.5	103.3	99	128.6
R	Aug 2016	714	11.6	642.00	1671	-48	142.46	255.0	91.6	100	128.4
I	Sep 2016	711	11.9	640.34	1627	-45	138.91	255.0	90.5	100	127.3
	WY 2016	**8879**							**1129.0**		
C	Oct 2016	640	10.4	634.86	1482	-144	135.70	201.5	79.3	79	123.8
A	Nov 2016	574	9.6	640.09	1620	138	140.91	170.9	71.1	67	123.8
L	Dec 2016	482	7.8	641.31	1653	33	138.48	168.3	61.4	66	127.3
*	Jan 2017	408	6.6	643.47	1712	59	143.95	164.5	54.6	65	133.8
	Feb 2017	530	9.5	642.00	1671	-40	138.48	162.1	67.3	64	126.9
	Mar 2017	961	15.6	642.50	1685	14	135.84	233.6	119.6	92	124.4
	Apr 2017	1025	17.2	643.00	1699	14	135.78	255.0	127.5	100	124.4
	May 2017	908	14.8	643.00	1699	0	136.04	255.0	113.8	100	125.4
	Jun 2017	849	14.3	642.00	1671	-27	135.51	255.0	106.2	100	125.1
	Jul 2017	790	12.9	641.50	1658	-14	134.73	255.0	98.7	100	124.8
	Aug 2017	717	11.7	641.50	1658	0	134.46	255.0	89.6	100	125.0
	Sep 2017	711	11.9	640.01	1617	-40	133.68	255.0	88.4	100	124.3
	WY 2017	**8596**							**1077.3**		
	Oct 2017	668	10.9	633.00	1434	-183	130.74	202.3	80.7	79	120.8
	Nov 2017	652	11.0	635.00	1486	51	129.19	170.0	77.3	67	118.5
	Dec 2017	572	9.3	638.71	1583	97	132.25	167.8	69.7	66	121.7
	Jan 2018	616	10.0	641.80	1666	83	134.43	210.6	76.7	83	124.5
	Feb 2018	579	10.4	641.80	1666	0	136.73	187.6	72.8	74	125.7
	Mar 2018	983	16.0	643.05	1700	34	137.26	190.8	122.3	75	124.5
	Apr 2018	1067	17.9	643.00	1699	-2	136.07	255.0	132.8	100	124.4
	May 2018	934	15.2	643.00	1699	0	136.04	255.0	117.0	100	125.2
	Jun 2018	856	14.4	642.00	1671	-27	135.51	255.0	107.1	100	125.0
	Jul 2018	800	13.0	641.50	1658	-14	134.73	255.0	99.9	100	124.8
	Aug 2018	735	12.0	641.50	1658	0	134.46	255.0	91.9	100	124.9
	Sep 2018	705	11.8	640.01	1617	-40	133.68	255.0	87.6	100	124.3
	WY 2018	**9170**							**1135.8**		
	Oct 2018	658	10.7	633.00	1434	-183	130.74	202.3	79.5	79	120.9
	Nov 2018	562	9.4	635.00	1486	51	129.19	170.0	66.9	67	119.1
	Dec 2018	481	7.8	638.71	1583	97	132.25	167.8	58.8	66	122.3
	Jan 2019	571	9.3	641.80	1666	83	134.43	210.6	71.2	83	124.8

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 2017 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Feb 2016	528	9.4	446.50	552	-2	78.54	87.6	38.1	73	72.2
H	Mar 2016	695	11.3	447.40	569	17	81.63	104.4	48.9	87	70.3
I	Apr 2016	689	11.6	448.89	597	28	83.09	120.0	48.4	100	70.3
S	May 2016	636	10.3	448.08	581	-15	82.13	120.0	45.1	100	70.9
T	Jun 2016	633	10.6	448.81	596	14	83.02	120.0	44.8	100	70.8
O	Jul 2016	617	10.0	449.03	600	4	83.16	120.0	43.7	100	70.9
R	Aug 2016	570	9.3	448.50	590	-10	82.60	120.0	40.2	100	70.7
I	Sep 2016	490	8.2	447.97	579	-10	82.24	120.0	34.7	100	70.9
	WY 2016	**6345**							**447.6**		
C	Oct 2016	466	7.6	446.90	559	-20	78.88	93.6	32.8	78	70.5
A	Nov 2016	374	6.3	446.33	549	-11	80.55	90.0	26.0	75	69.6
L	Dec 2016	271	4.4	447.64	573	24	83.20	117.6	17.9	98	65.9
*	Jan 2017	244	4.0	447.29	567	-6	81.95	93.9	16.2	78	66.5
	Feb 2017	451	8.1	447.00	561	-5	75.35	101.8	29.4	85	65.3
	Mar 2017	718	11.7	447.50	570	9	74.64	120.0	47.0	100	65.4
	Apr 2017	744	12.5	448.70	593	23	75.47	120.0	49.3	100	66.2
	May 2017	635	10.3	448.70	593	0	76.05	120.0	42.1	100	66.3
	Jun 2017	672	11.3	448.70	593	0	76.05	120.0	44.6	100	66.5
	Jul 2017	648	10.5	448.00	580	-13	75.71	120.0	42.8	100	66.1
	Aug 2017	571	9.3	447.50	571	-9	75.13	120.0	37.3	100	65.3
	Sep 2017	522	8.8	447.50	570	0	75.69	102.0	34.3	85	65.8
	WY 2017	**6316**							**419.8**		
	Oct 2017	500	8.1	447.50	571	0	74.97	118.1	32.4	98	64.9
	Nov 2017	430	7.2	447.50	571	0	75.93	97.0	28.2	81	65.4
	Dec 2017	365	5.9	446.50	552	-19	74.40	120.0	23.2	100	63.6
	Jan 2018	366	5.9	446.50	552	0	74.88	98.7	23.4	82	64.0
	Feb 2018	472	8.5	446.50	552	0	75.04	95.4	30.9	79	65.3
	Mar 2018	718	11.7	446.70	555	4	74.01	120.0	46.7	100	65.0
	Apr 2018	749	12.6	448.70	593	38	75.08	120.0	49.4	100	65.9
	May 2018	640	10.4	448.70	593	0	76.05	120.0	42.4	100	66.3
	Jun 2018	675	11.4	448.70	593	0	76.05	120.0	44.9	100	66.5
	Jul 2018	643	10.5	448.00	580	-13	75.71	120.0	42.5	100	66.0
	Aug 2018	573	9.3	447.50	571	-9	75.13	120.0	37.5	100	65.4
	Sep 2018	508	8.5	447.50	570	0	75.73	101.0	33.4	84	65.8
	WY 2018	**6640**							**434.8**		
	Oct 2018	486	7.9	447.50	571	0	75.01	117.1	31.5	98	64.9
	Nov 2018	390	6.6	447.50	571	0	75.83	99.0	25.4	83	65.0
	Dec 2018	329	5.3	446.50	552	-19	74.40	120.0	20.8	100	63.2
	Jan 2019	362	5.9	446.50	552	0	75.02	95.8	23.2	80	64.1

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 2017 24-Month Study

Most Probable Inflow*

Upper Basin Power

	Date	Glen Canyon 1000 MWHR	Flaming Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Reservoir 1000 MWHR	Fontenelle Reservoir 1000 MWHR
*	Feb 2016	302	45	16	21	12	4
H	Mar 2016	298	20	10	11	7	4
	Winter 2016	**1871**	**274**	**100**	**118**	**38**	**23**
I	Apr 2016	288	19	18	25	16	4
S	May 2016	305	20	38	61	21	7
T	Jun 2016	360	105	14	18	15	9
O	Jul 2016	435	46	34	40	22	6
R	Aug 2016	408	44	33	39	22	6
I	Sep 2016	315	42	30	36	20	3
	Summer 2016	**2111**	**276**	**166**	**218**	**116**	**34**
C	Oct 2016	269	33	26	33	19	0
A	Nov 2016	277	30	9	11	6	0
L	Dec 2016	395	41	10	11	6	0
*	Jan 2017	385	43	10	11	5	0
	Feb 2017	278	36	16	20	10	5
	Mar 2017	279	66	21	27	14	7
	Winter 2017	**1884**	**251**	**91**	**113**	**59**	**11**
	Apr 2017	241	65	18	28	17	5
	May 2017	258	92	52	75	23	7
	Jun 2017	314	103	63	107	22	9
	Jul 2017	364	48	44	54	23	10
	Aug 2017	386	48	45	54	23	10
	Sep 2017	286	47	28	35	18	7
	Summer 2017	**1850**	**403**	**250**	**353**	**127**	**47**
	Oct 2017	273	48	19	24	13	7
	Nov 2017	272	47	13	17	9	6
	Dec 2017	306	48	25	32	16	6
	Jan 2018	363	48	18	23	12	6
	Feb 2018	315	43	13	17	9	5
	Mar 2018	335	48	14	19	10	5
	Winter 2018	**1865**	**281**	**103**	**131**	**68**	**35**
	Apr 2018	297	46	17	26	14	6
	May 2018	301	67	41	60	23	7
	Jun 2018	325	77	26	38	22	8
	Jul 2018	373	36	36	45	23	10
	Aug 2018	394	36	39	47	23	9
	Sep 2018	292	35	29	36	18	6
	Summer 2018	**1691**	**263**	**160**	**216**	**106**	**39**
	Oct 2018	279	36	20	25	13	6
	Nov 2018	278	35	11	14	8	6
	Dec 2018	312	36	17	22	11	6
	Jan 2019	528	36	16	20	11	6

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 2017 24-Month Study

Most Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions

Date	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Total KAF	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****EFFECTIVE SPACE****										
Feb 2017	822	243	390	12963	14417	16856	31273	631	210	106	947	12963	16856	30766	1500	514	0	29.4
Mar 2017	873	274	385	13192	14724	16632	31356	681	243	100	1024	13192	16632	30848	1500	1004	0	29.1
Apr 2017	924	306	312	13205	14746	16891	31638	729	277	20	1026	13205	16891	31122	1500	1075	0	29.2
May 2017	885	267	213	12875	14240	17326	31566	682	246	-101	827	12875	17326	31027	1500	943	0	31.4
Jun 2017	714	160	221	10721	11816	17638	29454	499	125	-132	492	10721	17638	28851	1500	864	0	33.9
Jul 2017	453	64	336	8275	9130	17801	26931	219	-6	-71	142	8275	17801	26219	1500	815	0	34.3
								****CREDITABLE SPACE****										
Aug 2017	256	70	466	7943	8736	17787	26522	256	70	466	793	7943	17787	26522	1500	751	0	34.1
Sep 2017	273	140	476	8189	9078	17622	26700	273	140	476	889	8189	17622	26700	2270	698	0	33.8
Oct 2017	336	174	469	8359	9339	17622	26961	336	174	469	979	8359	17622	26961	3040	501	0	33.6
Nov 2017	400	188	452	8431	9470	17487	26957	400	188	452	1039	8431	17487	26957	3810	722	0	33.4
Dec 2017	471	196	448	8547	9662	17563	27225	471	196	448	1115	8547	17563	27225	4580	691	0	33.1
Jan 2018	567	255	451	8765	10038	17528	27566	567	255	451	1273	8765	17528	27566	5350	723	0	32.8
								****EFFECTIVE SPACE****										
Jan 2018	567	255	451	8765	10038	17528	27566	166	200	208	574	8765	17528	26867	5350	723	0	32.8
Feb 2018	658	290	456	9118	10522	17376	27898	256	237	212	705	9118	17376	27199	1500	603	0	32.7
Mar 2018	733	309	451	9379	10872	17193	28074	330	258	206	794	9379	17193	27375	1500	1046	0	32.3
Apr 2018	764	322	397	9538	11022	17417	28448	358	272	146	776	9538	17417	27740	1500	1102	0	32.3
May 2018	763	308	309	9371	10751	17792	28552	351	254	34	640	9371	17792	27812	1500	970	0	33.5
Jun 2018	711	237	262	8072	9281	18068	27358	290	174	-52	413	8072	18068	26562	1500	871	0	35.0
Jul 2018	546	83	398	6557	7584	18237	25830	112	-1	29	140	6557	18237	24943	1500	825	0	35.1
								****CREDITABLE SPACE****										
Aug 2018	453	84	429	6467	7433	18240	25672	453	84	429	965	6467	18240	25672	1500	769	0	34.8
Sep 2018	477	138	451	6803	7869	18092	25961	477	138	451	1066	6803	18092	25961	2270	692	0	34.5
Oct 2018	529	189	451	7006	8175	18085	26260	529	189	451	1169	7006	18085	26260	3040	491	0	34.2
Nov 2018	576	218	439	7114	8346	17939	26285	576	218	439	1232	7114	17939	26285	3810	631	0	34.1
Dec 2018	623	224	436	7271	8554	17930	26484	623	224	436	1283	7271	17930	26484	4580	599	0	33.9
Jan 2019	688	255	439	7547	8929	17809	26738	688	255	439	1382	7547	17809	26738	5350	678	0	33.7
								****EFFECTIVE SPACE****										
Jan 2019	688	255	439	7547	8929	17809	26738	388	251	193	832	7547	17809	26188	5350	678	0	33.7

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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March 24-Month Study
Date: March 14, 2017

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

Reservoir	February Inflow (unregulated) (acre-feet)	Percent of Average (%)	March 13, Midnight Elevation (feet)	March 13, Midnight Reservoir Storage (acre-feet)
Fontenelle	51,000	184	6,483.38	185,000
Flaming Gorge	106,000	236	6,022.93	3,084,000
Blue Mesa	28,000	127	7,486.31	553,000
Navajo	55,000	161	6,060.55	1,355,000
Powell	555,000	141	3,593.90	11,180,000

Expected Operations

The operation of Lake Powell and Lake Mead in this March 2017 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines), and reflects the 2017 Annual Operating Plan (AOP). Pursuant to the Interim Guidelines, the August 2016 24-Month Study projections of the January 1, 2017, system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2017.

Consistent with Section 6.B of the Interim Guidelines, Lake Powell's operations in water year 2017 will be governed by the Upper Elevation Balancing Tier, with an initial water year release volume of 8.23 million acre-feet (maf) and the potential for an April adjustment to equalization or balancing releases in April 2017. The March 2017 24-Month Study projects an April adjustment to equalization, consistent with Section 6.B.3 of the Interim Guidelines, with a projected release of 11.1 maf in water year 2017.

Since the March final forecast was issued on March 2, 2017, the Colorado Basin River Forecast Center Ensemble Streamflow Prediction indicates a decrease in the forecasted inflow. It is unlikely that the March final forecasted inflow will be sustained in the April final forecast. The April 24-Month Study projections are used to determine whether there is an adjustment to equalization or balancing under the

Interim Guidelines governing Lake Powell releases for the remainder of water year 2017.

Consistent with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar year 2017.

The Interim Guidelines are available for download at:
https://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The 2017 AOP is available for download at:
https://www.usbr.gov/uc/water/rsvrs/ops/aop/AOP17.pdf.

Fontenelle Reservoir – Fontenelle Reservoir is currently at elevation 6482 feet above sea level (feet), which amounts to 51 percent of live storage capacity. Inflows for the month of January totaled 44,600 acre-feet (af), or 148 percent of average. Above average inflows are forecasted over the next few months and releases have been increased in order to meet the spring elevation target. Releases have been set to base flow levels of 1,025 cubic feet per second (cfs) and are anticipated to increase to 2,025 cfs whenever downstream icing threats have passed.

The Colorado Basin River Forecast Center has forecasted spring inflows that are significantly above average. March, April, and May forecasted inflow volumes amount to 88,000 af (167 percent of average), 200,000 af (234 percent of average), and 410,000 af (250 percent of average), respectively.

The next Fontenelle Working Group meeting is scheduled for 10:00 a.m., April 19, 2017. The meeting will be held at Seedskadee Wildlife Refuge Headquarters, Wyoming. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir.

Flaming Gorge Reservoir – Releases are currently increasing to power plant capacity (~4,600 cfs) by March 9, 2017, and are expected to remain at this level through March.

Unregulated inflow into Flaming Gorge Reservoir during the month of February was 105,000 af, or 236 percent of average. The reservoir elevation is 6,022.7 feet (82 percent of live capacity) and decreasing.

The March final forecast for inflows for the next three months projects above average conditions: March, April and May forecasted inflow volumes at 250,000 af (244 percent of average), 340,000 af (255 percent of average), and 615,000 af (251 percent of average), respectively.

The March water supply forecast of the April through July unregulated inflow volume into Flaming Gorge Reservoir is 2.26 maf (231 percent of average). Current snowpack is 176 percent of median and we have received 146 percent of the season peak for the Upper Green Basin with additional storm systems anticipated.

The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stakeholders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations and plans presented by Reclamation at these meetings. Meeting notes from past Working Group meetings are posted on the Working Group webpage. For more information on this group and these meetings please contact Dale Hamilton at 801-379-1186 or Heather Patno at 801-524-3883.

Reclamation will be holding the Flaming Gorge Working Group meeting on Thursday, April 20, 2017, at 10:00 a.m. at the Utah Division of Wildlife Resources offices located at 318 North Vernal Avenue, Vernal, Utah.

Aspinall Unit Reservoirs – Crystal Dam is currently releasing 1,200 cfs and the Gunnison Tunnel diversion is shut down for the 2016 irrigation season. The average flow through the Black Canyon is measuring approximately 1,200 cfs at the stream gage below Gunnison Tunnel. The February unregulated inflow to Blue Mesa Reservoir was 28,000 af (127 percent of average). The end of February reservoir elevation for Blue Mesa was 7,488.71 feet with live storage in Blue Mesa measuring approximately 571,400 af (68.9 percent full).

For the Gunnison River Basin, February was a continuation of the wet conditions observed in January. On January 31, 2017, the snow pack in the basin measured approximately 167 percent of the median for that date. At the end of February, on February 28, 2017, the snowpack in the basin was still well above normal with 152 percent of median for that date. As of the timing of this update (March 14, 2017) the snowpack is 140 percent of median for this date.

Unregulated Inflows to Blue Mesa for the next three months (March, April and May) are forecasted to be: 40,000 af (111 percent of average), 100,000 af (130 percent of average) and 300,000 af (149 percent of average), respectively. The April through July unregulated inflow forecast increased from 925,000 af (137 percent of average) for February to 970,000 af (144 percent of average) for March. The March 24-Month Study is reflective of this new forecast.

The Aspinall Unit Working Group is an open public forum for information exchange between Reclamation and the stakeholders of the Aspinall Unit. The public is encouraged to attend and comments on the operations and plans presented by Reclamation at these meetings. Meeting notes from past working Group meetings are posted on the Working Group webpage. For more information on this group and these meetings please contact Erik Knight in the Grand Junction Area Office at (970) 248-0629.

The next meeting of the Aspinall Unit Working Group will be held on Thursday, April 27th, 2017 at 1:00 pm at the Western Colorado Area Office located at 445 West Gunnison Avenue in Grand Junction, Colorado.

Navajo Reservoir – As of March 7th, 2017, Navajo reservoir elevation is 6059.7 feet (1.344 maf live storage) and is releasing 500 cfs. Releases are made for the authorized purposes of the Navajo Unit, and pursuant to the 2006 Record of Decision, in an attempt to maintain a target base flow through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell). The San Juan River Basin Recovery Implementation Program (SJRIP) recommends a target base flow of between 500 cfs and 1,000 cfs through the critical habitat area. The target base flow is calculated as the weekly average of gaged flows throughout the critical habitat area.

Modified unregulated inflow into Navajo in January was 55,418 af, which was 183 percent of average for the month. Releases in January averaged 476 cfs and totaled 26,456 af, or 56 percent of average.

Inflows for the next three months are projected to be below average: with March, April, and May forecasted inflow volumes at 120 kaf (134 percent of average), 182 kaf (107 percent of average), and 320 kaf (115 percent of average), respectively.

The Most Probable April-July runoff forecast is 840,000 af (114 percent of average). Under the current Most Probable forecast, Navajo has enough available water for a spring peak release of 50 days at 5,000 cfs. The ramp-up lasting 2-3 weeks would likely begin the last week of April. A public informational meeting regarding the spring peak release is scheduled for April 5th, 2017, at 6pm at the Farmington Civic Center, Farmington, NM.

Releases will be made to maintain the target baseflow in the critical habitat reach for the remainder of the fall and winter and will likely range between 350 and 500 cfs. Under the most probable forecast, Navajo will peak at an elevation of 6073 ft in late April.

Reclamation conducts Public Operations Meetings three times per year to gather input for determining upcoming operations for Navajo Reservoir. Input from individuals, organizations, and agencies along with other factors such as weather, water rights, endangered species requirements, flood control, hydro power, recreation, fish and wildlife management, and reservoir levels, will be considered in the development of these reservoir operation plans. In addition, the meetings are used to coordinate activities and exchange information among agencies, water users, and other interested parties concerning the San Juan River and Navajo Reservoir.

The next Navajo Public Operations Coordination Meeting is scheduled for April 25th, 2017, at 1pm at the Farmington Civic Center, Farmington, NM.

Glen Canyon Dam / Lake Powell

Current Status

The unregulated inflow volume to Lake Powell in February was 555 thousand acre-feet (kaf) (141 percent of average). The release volume from Glen Canyon Dam in February was 711 kaf. The end of February elevation and storage of Lake Powell were 3,594 feet

(106 feet from full pool) and 11.2 maf (46 percent of full capacity), respectively. The reservoir is declining and will continue to decline until spring runoff begins to enter the reservoir. The current snowpack above Lake Powell is 147 percent of median.

Current Operations

The operating tier for water year 2017, established in August 2016, is the Upper Elevation Balancing Tier, with an initial water year release volume of 8.23 maf and the potential for an April 2017 adjustment to equalization or balancing releases. Based on the March 1 forecast, an April adjustment to equalization releases is projected to occur and Lake Powell is currently projected to release 11.1 maf in water year 2017. This is only a projection, the actual April forecast and 24 Month Study will determine the final 2017 volume release from Glen Canyon Dam.

It should be noted that since the March final forecast was issued on March 2, 2017, the Colorado Basin River Forecast Center Ensemble Streamflow Prediction indicates a decrease in the forecasted inflow. It is unlikely that the March final forecasted inflow will be sustained in the April final forecast. The April 24-Month Study projections are used to determine whether there is an adjustment to equalization or balancing under the Interim Guidelines governing Lake Powell releases for the remainder of water year 2017.

In March 2017, the release volume will be approximately 720 thousand acre-feet (kaf), with fluctuations anticipated between approximately 8,000 cfs and 14,000 cfs and consistent with the Glen Canyon Operating Criteria (Federal Register, Volume 62, No. 41, March 3, 1997). The anticipated release volume for April is approximately 710 kaf with daily fluctuations between approximately 9,000 cfs and 15,000 cfs. The expected release for May is 1,020 kaf with daily fluctuations between approximately 12,300 cfs and 20,300 cfs.

In addition to daily scheduled fluctuations for power generation, the instantaneous releases from Glen Canyon Dam may also fluctuate to provide 40 mega-watts (mw) of system regulation. These instantaneous release adjustments stabilize the electrical generation and transmission system and translate to a range of up to about 1,200 cfs above or below the hourly scheduled release rate. Under system normal conditions, fluctuations for regulation are typically short lived and generally balance out over the hour with minimal or no noticeable impacts on downstream river flow conditions.

Releases from Glen Canyon Dam can also fluctuate beyond scheduled releases when called upon to respond to unscheduled power outages or power system emergencies. Depending on the severity of the system emergency, the response from Glen Canyon Dam can be significant, within the full range of the operating capacity of the power plant for as long as is necessary to maintain balance in the transmission system. Glen Canyon Dam currently maintains 27 mw (approximately 800 cfs) of generation capacity in reserve in order to respond to a system emergency even when generation rates are already high. System emergencies occur fairly infrequently and typically require small responses

from Glen Canyon Dam. However, these responses can have a noticeable impact on the river downstream of Glen Canyon Dam.

Inflow Forecasts and Model Projections

The April to July 2017 water supply forecast for unregulated inflow to Lake Powell, issued on March 2, 2017, by the Colorado Basin River Forecast Center, projects that the most probable (median) unregulated inflow volume will be 10.4 maf (145 percent of average based on the period 1981-2010). The projected water year 2017 inflow is 14.3 maf (132 percent). At this early point in the season, there is still significant uncertainty regarding this year's water supply. The April-July forecast ranges from a minimum probable of 7.6 maf (106 percent) to a maximum probable of 13.8 maf (193 percent). There is a 10 percent chance that inflows could be higher than the current maximum probable forecast and a 10 percent chance that inflows could be lower than the minimum probable forecast.

Based on the current forecast , the March 24-Month Study projects Lake Powell to operate for equalization, resulting in a 2017 end of water year elevation near 3,632 feet with approximately 15.0 maf in storage (62 percent capacity). Note that projections of elevation and storage for water year 2017 have significant uncertainty at this point in the season. Projections of elevation and storage using the minimum and maximum probable inflow forecast, updated in January, are 3,586 feet (10.4 maf, 43 percent capacity) and 3,640 feet (16.0 maf, 66 percent capacity), respectively. Under these scenarios, there is a 10 percent chance that inflows will be higher, resulting in higher elevation and storage, and 10 percent chance that inflows will be lower, potentially in lower elevation and storage. The annual release volume from Lake Powell during water year 2017 is projected to be 11.1 maf under the most and maximum probable inflow, and 9.0 maf under the minimum scenarios. There is a chance that inflows could be higher or lower, potentially resulting in releases greater than 11.1 maf or as low as 8.23 maf in water year 2017. Modeling of projected reservoir operations based on the minimum and maximum scenarios will be updated again in April.

Upper Colorado River Basin Hydrology

The Upper Colorado River Basin regularly experiences significant year to year hydrologic variability. During the 17-year period 2000 to 2016, however, the unregulated inflow to Lake Powell, which is a good measure of hydrologic conditions in the Colorado River Basin, was above average in only 3 out of the past 17 years. The period 2000-2016 is the lowest 17-year period since the closure of Glen Canyon Dam in 1963, with an average unregulated inflow of 8.57 maf, or 79 percent of the 30-year average (1981-2010). (For comparison, the 1981-2010 total water year average is 10.83 maf.) The unregulated inflow during the 2000-2016 period has ranged from a low of 2.64 maf (24 percent of average) in water year 2002 to a high of 15.97 maf (147 percent of average) in water year 2011. In water year 2016 unregulated inflow volume to Lake Powell was 9.62 maf (89 percent of average), which, though still below average, was significantly higher than inflows observed in 2012 and 2013 (45 percent and 47 percent of average, respectively). Under the current most probable forecast, the total water year

2017 unregulated inflow to Lake Powell is projected to be 14.3 maf (132 percent of average).

At the beginning of water year 2017, total system storage in the Colorado River Basin was 30.2 maf (50 percent of 59.6 maf total system capacity). This is nearly the same as the total storage at the beginning of water years 2015 and 2016 which began at 30.1 maf and 30.3 maf, respectively, both of which were 50 percent of capacity. Since the beginning of water year 2000, total Colorado Basin storage has experienced year to year increases and decreases in response to wet and dry hydrology, ranging from a high of 94% of capacity at the beginning of 2000 to a low of 50 percent of capacity at the beginning of water year 2005. One wet year can significantly increase total system reservoir storage, just as persistent dry years can draw down the system storage. Based on current inflow forecasts, the current projected end of water year total Colorado Basin reservoir storage for water year 2017 is approximately 32.8 maf (55 percent of total system capacity). The actual end of water year 2017 system storage may vary from this projection, primarily due to uncertainty regarding the season's snowpack and resulting runoff and reservoir inflow. Based on the January minimum and maximum probable inflow forecasts and modeling, the range of end of water year 2017 total system capacity is approximately 27.3 maf (46 percent) to 33.5 maf (56 percent), respectively.

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-430
125 SOUTH STATE STREET, ROOM 6107
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-3709

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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:	Obs			feb	Forecast		Outlook		
:	nov	dec	jan	feb %Avg	mar	apr	may	apr-jul	%Avg
GLDA3:Lake Powell	383	300	359	555 141%:	870/	1500/	3400/	10400/:	145%
GBRW4:Fontenelle	62	37	45	51 184%:	88/	200/	410/	1680/:	232%
GRNU1:Flaming Gorge	73	35	49	105 236%:	250/	340/	615/	2260/:	231%
BMDC2:Blue Mesa	26	26	29	28 125%:	40/	100/	300/	970/:	144%
MPSC2:Morrow Point	28	27	30	30 121%:	44/	115/	330/	1060/:	143%
CLSC2:Crystal	31	31	35	34 118%:	51/	130/	380/	1190/:	143%
TPIC2:Taylor Park	4.2	4.9	5.5	4.2 111%:	4/	10/	35/	128/:	129%
VCRC2:Vallecito	6.5	5.7	6.8	7.3 154%:	11/	24/	82/	225/:	116%
NVRN5:Navajo	24	26	35	56 185%:	120/	182/	320/	840/:	114%
LEMC2:Lemon	1.07	0.96	1.06	1.14 149%:	2/	6/	25/	65/:	118%
MPHC2:McPhee	3.4	4.0	5.1	8.3 167%:	30/	100/	200/	440/:	149%
RBSC2:Ridgway	4.8	4.5	4.5	4.5 125%:	6/	12/	30/	118/:	117%

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 2017 24-Month Study

Most Probable Inflow*

Fontenelle Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Mar 2016	50	1	58	0	58	6474.73	140
H	Apr 2016	91	1	56	0	56	6481.34	174
I	May 2016	186	2	86	20	106	6493.63	252
S	Jun 2016	293	2	101	143	243	6500.14	299
T	Jul 2016	80	3	73	3	76	6500.25	300
O	Aug 2016	29	2	65	0	65	6495.03	262
R	Sep 2016	26	2	36	21	58	6490.22	229
	WY 2016	**943**	**15**	**739**	**213**	**952**		
I	Oct 2016	57	1	0	57	57	6490.08	228
C	Nov 2016	62	1	0	59	59	6490.44	230
A	Dec 2016	37	1	0	63	63	6486.33	203
L	Jan 2017	45	1	0	63	63	6483.20	184
*	Feb 2017	51	1	0	57	57	6482.06	178
	Mar 2017	88	1	78	0	78	6483.60	187
	Apr 2017	200	1	95	184	280	6467.06	107
	May 2017	410	1	94	312	406	6467.85	110
	Jun 2017	650	2	99	360	459	6500.00	299
	Jul 2017	420	3	101	276	377	6505.18	339
	Aug 2017	145	2	105	139	244	6491.53	238
	Sep 2017	85	2	67	0	67	6493.94	255
	WY 2017	**2249**	**14**	**640**	**1570**	**2209**		
	Oct 2017	76	1	69	0	69	6494.83	261
	Nov 2017	54	1	67	0	67	6492.94	248
	Dec 2017	32	1	69	0	69	6487.27	210
	Jan 2018	30	1	69	0	69	6480.78	171
	Feb 2018	28	1	62	0	62	6473.84	136
	Mar 2018	53	0	69	0	69	6470.07	119
	Apr 2018	85	1	92	0	92	6468.30	112
	May 2018	164	1	95	0	95	6482.21	179
	Jun 2018	299	2	103	55	158	6502.52	318
	Jul 2018	178	3	99	48	148	6505.97	345
	Aug 2018	77	2	102	45	148	6496.36	272
	Sep 2018	46	2	60	0	60	6494.21	257
	WY 2018	**1121**	**15**	**956**	**148**	**1104**		
	Oct 2018	49	1	61	0	61	6492.20	243
	Nov 2018	42	1	60	0	60	6489.41	225
	Dec 2018	32	1	61	0	61	6484.79	195
	Jan 2019	30	1	61	0	61	6479.26	163
	Feb 2019	28	0	56	0	56	6473.47	134

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3029

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 2017 24-Month Study

Most Probable Inflow*

Flaming Gorge Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	Mar 2016	84	93	3	51	0	51	127	6025.13	3165	131
H	Apr 2016	140	105	5	50	0	50	129	6026.43	3213	316
I	May 2016	362	282	8	52	0	52	138	6032.01	3427	701
S	Jun 2016	455	405	11	270	198	469	135	6030.17	3356	965
T	Jul 2016	91	88	13	116	4	120	133	6029.03	3312	220
O	Aug 2016	28	64	13	110	0	110	131	6027.55	3255	133
R	Sep 2016	36	67	11	107	0	107	129	6026.27	3207	128
	WY 2016	**1427**	**1437**	**80**	**1406**	**203**	**1609**				**3435**
I	Oct 2016	70	70	7	85	0	85	128	6025.69	3186	119
C	Nov 2016	73	70	4	77	0	77	128	6025.41	3175	112
A	Dec 2016	35	61	2	106	0	106	126	6024.19	3130	136
L	Jan 2017	49	67	2	110	0	110	124	6023.01	3087	155
*	Feb 2017	106	112	2	109	0	109	124	6023.03	3088	189
	Mar 2017	250	240	3	254	0	254	124	6022.59	3072	374
	Apr 2017	340	420	5	280	113	393	125	6023.18	3093	678
	May 2017	615	611	8	291	115	406	132	6028.28	3283	981
	Jun 2017	830	639	11	283	229	512	137	6031.21	3396	1052
	Jul 2017	475	432	14	293	47	341	140	6033.10	3470	441
	Aug 2017	175	274	13	137	0	137	144	6036.06	3589	164
	Sep 2017	100	82	12	132	0	132	142	6034.57	3529	152
	WY 2017	**3118**	**3078**	**81**	**2158**	**504**	**2662**				**4553**
	Oct 2017	91	84	8	137	0	137	140	6033.10	3470	170
	Nov 2017	65	78	4	132	0	132	137	6031.68	3414	165
	Dec 2017	35	72	2	137	0	137	135	6030.02	3350	162
	Jan 2018	40	79	2	137	0	137	132	6028.53	3293	162
	Feb 2018	45	79	2	124	0	124	131	6027.34	3248	151
	Mar 2018	102	119	3	137	0	137	130	6026.80	3227	214
	Apr 2018	134	140	5	132	0	132	130	6026.88	3230	348
	May 2018	245	177	8	188	0	188	129	6026.39	3212	720
	Jun 2018	390	248	10	188	0	188	131	6027.67	3260	608
	Jul 2018	210	180	14	100	0	100	134	6029.35	3324	200
	Aug 2018	89	160	13	100	0	100	136	6030.51	3369	125
	Sep 2018	55	69	11	97	0	97	134	6029.52	3331	116
	WY 2018	**1500**	**1484**	**80**	**1609**	**0**	**1609**				**3142**
	Oct 2018	59	72	7	100	0	100	133	6028.63	3296	133
	Nov 2018	51	69	3	97	0	97	131	6027.82	3266	129
	Dec 2018	35	64	2	100	0	100	130	6026.86	3230	125
	Jan 2019	40	72	2	100	0	100	129	6026.08	3200	125
	Feb 2019	45	72	2	91	0	91	128	6025.56	3181	118

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3029

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 2017 24-Month Study

Most Probable Inflow*

Taylor Park Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Mar 2016	5	6	9308.44	67
H	Apr 2016	9	6	9310.70	71
I	May 2016	17	11	9314.16	77
S	Jun 2016	41	20	9325.34	97
T	Jul 2016	11	21	9320.04	87
O	Aug 2016	9	16	9315.75	79
R	Sep 2016	6	14	9310.77	71
	WY 2016	**125**	**125**		
I	Oct 2016	5	6	9310.23	70
C	Nov 2016	4	5	9309.76	70
A	Dec 2016	5	5	9309.56	69
L	Jan 2017	6	5	9309.76	70
*	Feb 2017	4	5	9309.43	69
	Mar 2017	4	6	9308.05	67
	Apr 2017	10	15	9304.75	62
	May 2017	35	22	9313.17	75
	Jun 2017	62	30	9330.00	106
	Jul 2017	21	25	9328.21	103
	Aug 2017	11	18	9324.40	95
	Sep 2017	9	18	9319.65	86
	WY 2017	**176**	**160**		
	Oct 2017	8	12	9317.04	82
	Nov 2017	5	6	9316.75	81
	Dec 2017	5	6	9315.99	80
	Jan 2018	4	6	9315.03	78
	Feb 2018	4	6	9313.72	76
	Mar 2018	4	6	9312.79	74
	Apr 2018	9	6	9314.44	77
	May 2018	28	20	9319.18	85
	Jun 2018	42	22	9329.49	105
	Jul 2018	20	22	9328.56	103
	Aug 2018	10	20	9323.59	94
	Sep 2018	7	16	9318.92	85
	WY 2018	**147**	**148**		
	Oct 2018	7	8	9318.17	84
	Nov 2018	5	6	9317.66	83
	Dec 2018	5	6	9316.91	81
	Jan 2019	4	6	9315.96	80
	Feb 2019	4	6	9314.68	78

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3029

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 2017 24-Month Study

Most Probable Inflow*

Blue Mesa Reservoir

	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Mar 2016	41	42	0	36	0	37	7487.62	563
H	Apr 2016	75	72	1	63	0	63	7488.62	571
I	May 2016	161	155	1	134	19	153	7488.74	572
S	Jun 2016	285	265	1	46	0	46	7514.84	788
T	Jul 2016	81	91	2	112	0	112	7512.31	766
O	Aug 2016	57	65	1	110	0	110	7506.94	720
R	Sep 2016	38	46	1	100	0	100	7500.48	665
	WY 2016	**881**	**882**	**9**	**913**	**19**	**934**		
I	Oct 2016	32	33	1	90	0	90	7493.44	608
C	Nov 2016	26	27	0	33	0	33	7492.53	601
A	Dec 2016	26	26	0	35	0	35	7491.43	593
L	Jan 2017	29	28	0	34	0	34	7490.68	587
*	Feb 2017	28	29	0	44	1	44	7488.71	571
	Mar 2017	40	42	0	70	0	70	7485.03	543
	Apr 2017	100	105	1	71	0	71	7489.35	576
	May 2017	300	287	1	205	99	304	7486.98	558
	Jun 2017	430	398	1	159	0	159	7515.58	795
	Jul 2017	140	144	2	123	0	123	7517.73	815
	Aug 2017	72	79	1	138	0	138	7511.07	755
	Sep 2017	53	62	1	134	0	134	7502.52	682
	WY 2017	**1276**	**1260**	**9**	**1135**	**100**	**1235**		
	Oct 2017	48	53	1	77	0	77	7499.58	658
	Nov 2017	35	36	0	52	0	52	7497.54	641
	Dec 2017	26	27	0	85	0	85	7490.20	583
	Jan 2018	24	26	0	55	0	55	7486.46	554
	Feb 2018	22	25	0	38	0	38	7484.66	541
	Mar 2018	36	38	0	44	0	44	7483.78	534
	Apr 2018	77	74	1	54	0	54	7486.40	554
	May 2018	221	213	1	139	0	139	7495.68	626
	Jun 2018	261	241	1	86	0	86	7513.90	780
	Jul 2018	117	119	2	118	0	118	7513.86	780
	Aug 2018	63	73	1	127	0	127	7507.57	725
	Sep 2018	38	47	1	108	0	108	7500.10	662
	WY 2018	**969**	**971**	**9**	**982**	**0**	**982**		
	Oct 2018	38	40	1	68	0	68	7496.57	633
	Nov 2018	31	32	0	38	0	38	7495.84	628
	Dec 2018	26	27	0	64	0	64	7491.15	590
	Jan 2019	24	26	0	55	0	55	7487.44	562
	Feb 2019	22	25	0	44	0	44	7484.92	542

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3029

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 2017 24-Month Study

Most Probable Inflow*

Morrow Point Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Mar 2016	43	37	2	39	36	0	36	7152.74	111
H	Apr 2016	83	63	7	71	71	0	71	7152.57	111
I	May 2016	176	153	15	168	176	4	180	7136.53	99
S	Jun 2016	302	46	18	64	52	0	52	7152.31	111
T	Jul 2016	83	112	2	114	113	0	113	7153.43	112
O	Aug 2016	58	110	1	111	111	0	111	7153.88	112
R	Sep 2016	39	100	1	100	103	0	103	7150.03	109
	WY 2016	**931**	**934**	**49**	**983**	**972**	**5**	**978**		
I	Oct 2016	33	90	1	91	93	0	93	7146.55	106
C	Nov 2016	28	33	2	36	32	0	35	7147.39	107
A	Dec 2016	27	35	1	36	34	0	34	7150.44	109
L	Jan 2017	30	34	2	36	33	0	33	7153.75	112
*	Feb 2017	29	44	1	45	55	0	55	7140.48	102
	Mar 2017	44	70	4	74	64	0	64	7153.73	112
	Apr 2017	115	71	15	86	86	0	86	7153.73	112
	May 2017	330	304	30	334	306	28	334	7153.73	112
	Jun 2017	465	159	35	194	194	0	194	7153.73	112
	Jul 2017	150	123	10	133	133	0	133	7153.73	112
	Aug 2017	76	138	4	142	142	0	142	7153.73	112
	Sep 2017	57	134	4	138	138	0	138	7153.73	112
	WY 2017	**1385**	**1235**	**109**	**1343**	**1309**	**28**	**1340**		
	Oct 2017	52	77	3	80	80	0	80	7153.73	112
	Nov 2017	38	52	3	55	55	0	55	7153.73	112
	Dec 2017	28	85	2	87	87	0	87	7153.73	112
	Jan 2018	27	55	2	57	57	0	57	7153.73	112
	Feb 2018	25	38	3	40	40	0	40	7153.73	112
	Mar 2018	40	44	4	48	48	0	48	7153.73	112
	Apr 2018	88	54	11	65	65	0	65	7153.73	112
	May 2018	247	139	26	165	165	0	165	7153.73	112
	Jun 2018	281	86	20	106	106	0	106	7153.73	112
	Jul 2018	123	118	6	124	124	0	124	7153.73	112
	Aug 2018	67	127	3	130	130	0	130	7153.73	112
	Sep 2018	41	108	3	111	111	0	111	7153.73	112
	WY 2018	**1056**	**982**	**86**	**1069**	**1069**	**0**	**1069**		
	Oct 2018	41	68	3	70	70	0	70	7153.73	112
	Nov 2018	33	38	2	40	40	0	40	7153.73	112
	Dec 2018	28	64	2	66	66	0	66	7153.73	112
	Jan 2019	27	55	2	57	57	0	57	7153.73	112
	Feb 2019	25	44	3	46	46	0	46	7153.73	112

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 2017 24-Month Study

Most Probable Inflow*

Crystal Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
*	Mar 2016	48	36	5	41	41	0	41	6752.32	17	2	41
H	Apr 2016	92	71	9	80	80	0	80	6751.41	16	47	36
I	May 2016	194	180	18	198	109	64	197	6753.13	17	51	154
S	Jun 2016	344	52	41	93	74	20	93	6752.00	17	43	53
T	Jul 2016	89	113	6	119	117	2	119	6750.04	16	64	58
O	Aug 2016	62	111	4	114	114	0	114	6749.30	16	62	53
R	Sep 2016	42	103	3	106	106	1	107	6747.05	15	59	47
	WY 2016	**1034**	**978**	**103**	**1081**	**811**	**243**	**1080**			**384**	**724**
I	Oct 2016	37	93	4	97	97	0	97	6747.92	15	57	39
C	Nov 2016	31	35	3	38	37	0	37	6750.47	16	1	36
A	Dec 2016	31	34	4	38	36	1	37	6751.45	17	0	37
L	Jan 2017	35	33	4	37	36	2	37	6750.29	16	1	37
*	Feb 2017	34	55	4	59	56	4	60	6749.56	16	0	60
	Mar 2017	51	64	7	71	70	0	70	6753.04	17	5	65
	Apr 2017	130	86	15	101	101	0	101	6753.04	17	30	71
	May 2017	380	334	50	384	134	250	384	6753.04	17	55	329
	Jun 2017	515	194	50	244	130	114	244	6753.04	17	60	184
	Jul 2017	165	133	15	148	134	13	148	6753.04	17	65	83
	Aug 2017	82	142	6	148	134	13	148	6753.04	17	65	83
	Sep 2017	62	138	5	143	130	13	143	6753.04	17	55	88
	WY 2017	**1552**	**1340**	**167**	**1507**	**1095**	**411**	**1506**			**394**	**1111**
	Oct 2017	57	80	5	85	85	0	85	6753.04	17	30	55
	Nov 2017	42	55	4	59	59	0	59	6753.04	17	0	59
	Dec 2017	32	87	5	92	92	0	92	6753.04	17	0	92
	Jan 2018	31	57	5	61	61	0	61	6753.04	17	0	61
	Feb 2018	29	40	4	44	44	0	44	6753.04	17	0	44
	Mar 2018	46	48	6	54	54	0	54	6753.04	17	5	49
	Apr 2018	101	65	12	77	77	0	77	6753.04	17	30	47
	May 2018	281	165	34	199	134	65	199	6753.04	17	55	144
	Jun 2018	315	106	34	140	130	10	140	6753.04	17	60	80
	Jul 2018	138	124	14	138	134	4	138	6753.04	17	65	73
	Aug 2018	75	130	8	138	134	4	138	6753.04	17	65	73
	Sep 2018	47	111	6	117	117	0	117	6753.04	17	55	62
	WY 2018	**1194**	**1069**	**139**	**1207**	**1124**	**83**	**1207**			**365**	**842**
	Oct 2018	47	70	6	76	76	0	76	6753.04	17	30	46
	Nov 2018	38	40	5	45	45	0	45	6753.04	17	0	45
	Dec 2018	32	66	5	71	71	0	71	6753.04	17	0	71
	Jan 2019	31	57	5	61	61	0	61	6753.04	17	0	61
	Feb 2019	29	46	4	50	50	0	50	6753.04	17	0	50

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 2017 24-Month Study

Most Probable Inflow*

Vallecito Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Mar 2016	14	6	7652.71	94
H	Apr 2016	25	13	7657.23	105
I	May 2016	60	44	7663.23	121
S	Jun 2016	77	73	7664.30	124
T	Jul 2016	17	38	7656.15	102
O	Aug 2016	15	33	7648.82	84
R	Sep 2016	14	27	7643.21	71
	WY 2016	**269**	**270**		
I	Oct 2016	11	8	7644.63	74
C	Nov 2016	6	2	7646.51	79
A	Dec 2016	6	2	7647.98	82
L	Jan 2017	7	5	7648.89	84
*	Feb 2017	7	15	7645.42	76
	Mar 2017	11	19	7641.93	68
	Apr 2017	24	18	7644.57	74
	May 2017	82	37	7662.64	119
	Jun 2017	90	84	7664.82	125
	Jul 2017	29	43	7659.18	110
	Aug 2017	19	38	7651.53	91
	Sep 2017	16	30	7645.63	77
	WY 2017	**309**	**300**		
	Oct 2017	15	17	7644.47	74
	Nov 2017	9	2	7647.36	81
	Dec 2017	6	2	7649.23	85
	Jan 2018	5	2	7650.68	89
	Feb 2018	5	2	7651.90	92
	Mar 2018	9	2	7654.55	98
	Apr 2018	23	2	7662.74	119
	May 2018	71	65	7664.82	125
	Jun 2018	70	70	7664.82	125
	Jul 2018	29	42	7659.66	111
	Aug 2018	20	38	7652.37	93
	Sep 2018	17	30	7647.15	80
	WY 2018	**280**	**273**		
	Oct 2018	16	17	7646.39	78
	Nov 2018	9	2	7649.32	85
	Dec 2018	6	2	7651.16	90
	Jan 2019	5	2	7652.58	93
	Feb 2019	5	2	7653.78	96

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Managing Water in the West

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Most Probable Inflow*

Navajo Reservoir

	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azetea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Farmington Flow (1000 Ac-Ft)
*	Mar 2016	81	6	67	2	4	25	6067.08	1441	57
H	Apr 2016	119	14	94	3	19	22	6070.75	1491	49
I	May 2016	209	28	165	4	12	91	6074.87	1549	158
S	Jun 2016	214	35	174	5	25	250	6067.29	1443	387
T	Jul 2016	24	4	40	5	37	79	6061.29	1364	105
O	Aug 2016	30	4	45	4	33	35	6059.16	1337	56
R	Sep 2016	21	1	33	3	27	30	6056.98	1310	41
	WY 2016	**864**	**96**	**769**	**29**	**169**	**653**			**1066**
I	Oct 2016	27	0	24	2	5	27	6056.19	1300	46
C	Nov 2016	24	0	19	1	0	22	6055.87	1296	43
A	Dec 2016	26	0	22	1	0	21	6055.92	1297	40
L	Jan 2017	35	0	32	1	0	23	6056.65	1306	40
*	Feb 2017	55	1	62	1	1	26	6059.31	1339	48
	Mar 2017	120	3	124	2	4	31	6066.05	1427	56
	Apr 2017	182	17	158	3	17	49	6072.62	1517	115
	May 2017	320	49	226	4	29	290	6065.57	1420	479
	Jun 2017	280	45	228	4	42	296	6056.71	1307	489
	Jul 2017	58	9	63	4	45	81	6051.16	1239	148
	Aug 2017	35	2	52	3	38	32	6049.31	1217	72
	Sep 2017	36	1	49	3	21	27	6049.16	1216	58
	WY 2017	**1198**	**129**	**1060**	**27**	**203**	**924**			**1633**
	Oct 2017	42	2	42	2	8	24	6049.97	1225	51
	Nov 2017	32	1	24	1	0	22	6050.05	1226	40
	Dec 2017	25	0	20	1	0	23	6049.77	1223	38
	Jan 2018	22	0	18	1	0	23	6049.32	1218	37
	Feb 2018	30	0	27	1	0	21	6049.79	1223	33
	Mar 2018	92	2	83	2	5	23	6054.25	1276	45
	Apr 2018	170	15	134	2	21	22	6061.33	1365	75
	May 2018	277	37	234	4	35	192	6061.52	1367	338
	Jun 2018	224	32	191	4	51	238	6053.31	1265	389
	Jul 2018	66	6	73	4	56	28	6052.03	1250	96
	Aug 2018	45	1	62	3	47	33	6050.20	1228	72
	Sep 2018	43	1	55	3	26	26	6050.19	1228	59
	WY 2018	**1068**	**98**	**963**	**26**	**249**	**676**			**1273**
	Oct 2018	47	2	47	2	10	23	6051.23	1240	51
	Nov 2018	34	1	26	1	0	22	6051.45	1243	40
	Dec 2018	25	0	20	1	0	23	6051.18	1240	38
	Jan 2019	22	0	18	1	0	23	6050.74	1234	37
	Feb 2019	30	0	27	1	0	21	6051.20	1240	33

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 2017 24-Month Study

Most Probable Inflow*

Lake Powell

	Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry Gage (1000 Ac-Ft)
*	Mar 2016	553	486	14	694	0	694	3592.18	4935	11019	707
H	Apr 2016	814	681	22	665	0	665	3592.12	4935	11014	681
I	May 2016	2294	1925	26	700	0	700	3603.87	5024	12123	709
S	Jun 2016	2907	2618	46	800	0	800	3620.01	5155	13764	807
T	Jul 2016	595	804	58	950	0	950	3618.22	5140	13576	963
O	Aug 2016	253	432	56	900	0	900	3613.55	5101	13091	914
R	Sep 2016	281	461	50	699	0	699	3610.93	5080	12824	712
	WY 2016	**9616**	**9909**	**378**	**9000**	**0**	**9000**				**9117**
I	Oct 2016	381	477	35	601	0	601	3609.48	5068	12678	610
C	Nov 2016	383	389	33	624	126	750	3605.81	5039	12313	754
A	Dec 2016	300	366	26	898	0	898	3600.49	4997	11797	913
L	Jan 2017	359	415	8	880	0	880	3595.86	4962	11359	900
*	Feb 2017	555	565	8	711	0	711	3594.33	4951	11217	720
	Mar 2017	870	811	14	720	0	720	3595.10	4957	11288	725
	Apr 2017	1500	1425	23	710	0	710	3601.87	5008	11929	718
	May 2017	3400	3243	29	1020	0	1020	3621.85	5171	13960	1026
	Jun 2017	4000	3514	52	1060	0	1060	3641.53	5348	16184	1066
	Jul 2017	1500	1426	67	1320	0	1320	3641.83	5351	16221	1335
	Aug 2017	650	715	65	1410	0	1410	3635.83	5295	15516	1424
	Sep 2017	450	576	58	991	0	991	3632.00	5260	15078	1000
	WY 2017	**14348**	**13922**	**417**	**10945**	**126**	**11071**				**11191**
	Oct 2017	547	613	40	640	0	640	3631.45	5255	15016	646
	Nov 2017	489	565	38	640	0	640	3630.51	5247	14910	644
	Dec 2017	363	522	30	720	0	720	3628.62	5230	14699	726
	Jan 2018	361	489	9	760	0	760	3626.27	5209	14440	766
	Feb 2018	393	478	10	680	0	680	3624.48	5193	14243	682
	Mar 2018	665	646	17	710	0	710	3623.78	5187	14168	715
	Apr 2018	1056	919	27	640	0	640	3625.92	5206	14401	648
	May 2018	2343	2192	34	630	0	630	3638.41	5319	15816	636
	Jun 2018	2666	2387	57	660	0	660	3651.17	5443	17362	666
	Jul 2018	1091	1006	71	750	0	750	3652.53	5456	17533	765
	Aug 2018	500	611	71	800	0	800	3650.62	5437	17293	814
	Sep 2018	408	530	65	600	0	600	3649.62	5427	17168	609
	WY 2018	**10882**	**10958**	**471**	**8230**	**0**	**8230**				**8316**
	Oct 2018	512	571	45	640	0	640	3648.76	5419	17062	646
	Nov 2018	473	515	43	640	0	640	3647.50	5406	16907	644
	Dec 2018	363	464	34	720	0	720	3645.31	5385	16639	726
	Jan 2019	361	452	11	1100	0	1100	3640.22	5336	16029	1106
	Feb 2019	393	451	11	970	0	970	3636.02	5297	15538	972

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Managing Water in the West

March 2017 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Glen Release (1000 Ac-Ft)	Side Inflow Glen to Hoover (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Mar 2016	694	31	31	1008	16.4	18	1007	653	1080.45	10048
H	Apr 2016	665	68	38	1055	17.7	18	1055	630	1076.13	9693
I	May 2016	700	50	43	887	14.4	22	885	618	1073.80	9504
S	Jun 2016	800	14	51	920	15.5	28	919	606	1071.64	9330
T	Jul 2016	950	70	64	831	13.5	30	830	612	1072.75	9419
O	Aug 2016	900	107	69	701	11.4	28	700	625	1075.17	9615
R	Sep 2016	699	88	57	702	11.8	22	701	625	1075.23	9620
	WY 2016	**9000**	**798**	**531**	**9293**		**224**	**9282**			
I	Oct 2016	601	78	42	518	8.4	23	517	631	1076.34	9710
C	Nov 2016	750	77	42	751	12.6	16	750	632	1076.55	9727
A	Dec 2016	898	63	36	542	8.8	8	536	655	1080.82	10079
L	Jan 2017	880	128	30	500	8.1	8	494	684	1086.08	10521
*	Feb 2017	711	148	28	488	8.8	6	487	704	1089.78	10838
	Mar 2017	720	46	32	880	14.3	16	880	695	1088.01	10686
	Apr 2017	710	39	39	998	16.8	23	998	676	1084.57	10393
	May 2017	1020	26	45	901	14.7	28	901	680	1085.37	10461
	Jun 2017	1060	10	54	821	13.8	29	821	690	1087.19	10616
	Jul 2017	1320	77	69	790	12.9	32	790	721	1092.70	11091
	Aug 2017	1410	127	75	726	11.8	30	726	764	1100.21	11754
	Sep 2017	991	110	63	791	13.3	27	791	777	1102.52	11961
	WY 2017	**11071**	**931**	**554**	**8708**		**246**	**8693**			
	Oct 2017	640	71	46	608	9.9	22	608	780	1102.88	11994
	Nov 2017	640	65	46	767	12.9	14	767	772	1101.61	11879
	Dec 2017	720	51	40	728	11.8	10	728	772	1101.53	11873
	Jan 2018	760	64	32	721	11.7	7	721	776	1102.20	11932
	Feb 2018	680	72	30	612	11.0	8	612	782	1103.26	12028
	Mar 2018	710	46	33	1040	16.9	16	1040	761	1099.77	11715
	Apr 2018	640	39	41	1100	18.5	23	1100	732	1094.62	11260
	May 2018	630	26	46	971	15.8	29	971	708	1090.43	10894
	Jun 2018	660	10	55	868	14.6	29	868	691	1087.35	10629
	Jul 2018	750	77	68	828	13.5	32	828	685	1086.24	10534
	Aug 2018	800	127	72	771	12.5	30	771	688	1086.82	10584
	Sep 2018	600	110	59	700	11.8	27	700	683	1085.99	10513
	WY 2018	**8230**	**757**	**568**	**9713**		**248**	**9713**			
	Oct 2018	640	71	43	493	8.0	22	493	693	1087.66	10656
	Nov 2018	640	65	44	638	10.7	14	638	693	1087.76	10664
	Dec 2018	720	51	38	596	9.7	11	596	701	1089.14	10783
	Jan 2019	1100	64	31	726	11.8	7	726	725	1093.46	11158
	Feb 2019	970	72	29	613	11.0	9	613	749	1097.63	11525

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March 2017 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Mar 2016	1008	-16	13	921	0	921	15.0	643.17	1703
H	Apr 2016	1055	-18	17	979	0	979	16.4	644.70	1746
I	May 2016	887	-6	22	903	0	903	14.7	643.07	1701
S	Jun 2016	920	-16	26	838	0	838	14.1	644.53	1741
T	Jul 2016	831	-24	26	803	0	803	13.1	643.75	1719
O	Aug 2016	701	-12	23	714	0	714	11.6	642.00	1671
R	Sep 2016	702	-18	18	711	0	711	11.9	640.34	1627
	WY 2016	**9293**	**-195**	**198**	**8879**	**0**	**8879**			
I	Oct 2016	518	-7	15	640	0	640	10.4	634.86	1482
C	Nov 2016	751	-29	11	574	0	574	9.6	640.09	1620
A	Dec 2016	542	-17	9	482	0	482	7.8	641.31	1653
L	Jan 2017	500	-23	10	408	0	408	6.6	643.47	1712
*	Feb 2017	488	-13	10	486	0	486	8.7	642.70	1690
	Mar 2017	880	-16	13	856	0	856	13.9	642.50	1685
	Apr 2017	998	-20	17	948	0	948	15.9	643.00	1699
	May 2017	901	-13	22	866	0	866	14.1	643.00	1699
	Jun 2017	821	-18	25	806	0	806	13.5	642.00	1671
	Jul 2017	790	-16	25	763	0	763	12.4	641.50	1658
	Aug 2017	726	-12	23	691	0	691	11.2	641.50	1658
	Sep 2017	791	-11	18	802	0	802	13.5	640.01	1617
	WY 2017	**8708**	**-196**	**198**	**8323**	**0**	**8323**			
	Oct 2017	608	-4	15	772	0	772	12.6	633.00	1434
	Nov 2017	767	-11	10	694	0	694	11.7	635.00	1486
	Dec 2017	728	-10	9	612	0	612	9.9	638.71	1583
	Jan 2018	721	-19	10	609	0	609	9.9	641.80	1666
	Feb 2018	612	-16	10	586	0	586	10.6	641.80	1666
	Mar 2018	1040	-16	13	976	0	976	15.9	643.05	1700
	Apr 2018	1100	-20	17	1064	0	1064	17.9	643.00	1699
	May 2018	971	-13	22	936	0	936	15.2	643.00	1699
	Jun 2018	868	-18	25	852	0	852	14.3	642.00	1671
	Jul 2018	828	-16	25	800	0	800	13.0	641.50	1658
	Aug 2018	771	-12	23	736	0	736	12.0	641.50	1658
	Sep 2018	700	-11	18	711	0	711	11.9	640.01	1617
	WY 2018	**9713**	**-166**	**197**	**9349**	**0**	**9349**			
	Oct 2018	493	-4	15	658	0	658	10.7	633.00	1434
	Nov 2018	638	-11	10	565	0	565	9.5	635.00	1486
	Dec 2018	596	-10	9	480	0	480	7.8	638.71	1583
	Jan 2019	726	-19	10	614	0	614	10.0	641.80	1666
	Feb 2019	613	-16	10	588	0	588	10.6	641.80	1666

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March 2017 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	Mar 2016	921	18	9	695	11.3	89	123	447.40	569	221	3.6
H	Apr 2016	979	18	11	689	11.6	93	169	448.89	597	202	3.4
I	May 2016	903	13	13	636	10.3	97	176	448.08	581	97	1.6
S	Jun 2016	838	18	15	633	10.6	95	89	448.81	596	92	1.5
T	Jul 2016	803	20	17	617	10.0	100	74	449.03	600	102	1.7
O	Aug 2016	714	23	17	570	9.3	85	65	448.50	590	99	1.6
R	Sep 2016	711	14	15	490	8.2	89	134	447.97	579	92	1.5
	WY 2016	**8879**	**225**	**140**	**6360**		**1057**	**1467**			**1496**	
I	Oct 2016	640	36	12	466	7.6	80	133	446.90	559	61	1.0
C	Nov 2016	574	21	9	374	6.3	78	140	446.33	549	97	1.6
A	Dec 2016	482	26	7	271	4.4	86	118	447.64	573	112	1.8
L	Jan 2017	408	33	6	244	4.0	68	126	447.29	567	126	2.1
*	Feb 2017	486	15	8	393	7.1	13	62	448.30	586	160	2.9
	Mar 2017	856	7	9	707	11.5	26	128	447.50	571	203	3.3
	Apr 2017	948	19	11	739	12.4	41	155	448.00	580	175	2.9
	May 2017	866	15	13	634	10.3	44	165	448.70	593	104	1.7
	Jun 2017	806	15	16	666	11.2	41	85	448.70	593	105	1.8
	Jul 2017	763	26	17	643	10.5	57	72	448.00	580	111	1.8
	Aug 2017	691	25	17	570	9.3	57	72	447.50	571	100	1.6
	Sep 2017	802	20	15	522	8.8	101	176	447.50	570	89	1.5
	WY 2017	**8323**	**257**	**140**	**6230**		**690**	**1433**			**1444**	
	Oct 2017	772	28	12	498	8.1	102	180	447.50	571	74	1.2
	Nov 2017	694	19	9	417	7.0	101	181	447.50	571	119	2.0
	Dec 2017	612	19	7	355	5.8	102	181	446.50	552	140	2.3
	Jan 2018	609	17	6	361	5.9	96	158	446.50	552	138	2.2
	Feb 2018	586	10	8	477	8.6	30	74	446.50	552	160	2.9
	Mar 2018	976	7	9	713	11.6	96	153	446.70	555	198	3.2
	Apr 2018	1064	19	11	745	12.5	94	184	448.70	593	175	2.9
	May 2018	936	15	13	640	10.4	96	190	448.70	593	104	1.7
	Jun 2018	852	15	16	671	11.3	94	74	448.70	593	105	1.8
	Jul 2018	800	26	17	639	10.4	96	74	448.00	580	111	1.8
	Aug 2018	736	25	17	573	9.3	96	74	447.50	571	100	1.6
	Sep 2018	711	20	15	510	8.6	39	158	447.50	570	89	1.5
	WY 2018	**9349**	**220**	**139**	**6600**		**1043**	**1681**			**1512**	
	Oct 2018	658	28	12	486	7.9	32	148	447.50	571	74	1.2
	Nov 2018	565	19	9	390	6.5	32	148	447.50	571	116	1.9
	Dec 2018	480	19	7	326	5.3	32	148	446.50	552	131	2.1
	Jan 2019	614	17	6	360	5.8	104	157	446.50	552	138	2.2
	Feb 2019	588	10	8	475	8.6	35	73	446.50	552	160	2.9

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 2017 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Mar 2016	1008	16.4	1080.45	10048	-311	434.20	973.0	402.7	61	399.7
H	Apr 2016	1055	17.7	1076.13	9693	-355	429.37	1244.0	413.9	80	392.2
I	May 2016	887	14.4	1073.80	9504	-189	426.83	1164.0	343.6	74	387.5
S	Jun 2016	920	15.5	1071.64	9330	-174	425.27	1528.0	349.7	100	380.2
T	Jul 2016	831	13.5	1072.75	9419	89	427.46	1528.0	311.5	100	374.8
O	Aug 2016	701	11.4	1075.17	9615	196	431.00	1549.0	265.2	100	378.4
R	Sep 2016	702	11.8	1075.23	9620	5	429.97	1539.0	266.3	100	379.1
	WY 2016	**9293**							**3596.9**		
I	Oct 2016	518	8.4	1076.34	9710	90	438.10	1335.0	195.2	87	377.1
C	Nov 2016	751	12.6	1076.55	9727	17	427.42	1072.0	290.6	80	386.7
A	Dec 2016	542	8.8	1080.82	10079	352	438.26	1103.0	207.3	71	382.3
L	Jan 2017	500	8.1	1086.08	10521	442	442.12	857.0	192.4	55	384.9
*	Feb 2017	488	8.8	1089.78	10838	317	446.75	938.0	190.4	58	390.4
	Mar 2017	880	14.3	1088.01	10686	-152	437.81	1291.1	355.6	79	403.9
	Apr 2017	998	16.8	1084.57	10393	-293	435.55	1227.0	397.0	76	397.7
	May 2017	901	14.7	1085.37	10461	68	433.57	1251.0	354.7	80	393.6
	Jun 2017	821	13.8	1087.19	10616	155	433.07	1549.0	324.6	100	395.2
	Jul 2017	790	12.9	1092.70	11091	475	437.20	1550.0	312.9	100	395.9
	Aug 2017	726	11.8	1100.21	11754	663	443.82	1562.0	288.7	100	397.4
	Sep 2017	791	13.3	1102.52	11961	207	449.17	1562.0	322.3	100	407.3
	WY 2017	**8708**							**3431.6**		
	Oct 2017	608	9.9	1102.88	11994	33	455.43	1166.9	247.6	74	407.4
	Nov 2017	767	12.9	1101.61	11879	-115	458.05	1050.9	321.7	67	419.4
	Dec 2017	728	11.8	1101.53	11873	-7	456.02	980.0	301.8	63	414.7
	Jan 2018	721	11.7	1102.20	11932	60	454.06	991.0	297.2	63	412.5
	Feb 2018	612	11.0	1103.26	12028	96	453.92	996.9	250.1	63	409.0
	Mar 2018	1040	16.9	1099.77	11715	-313	452.26	994.0	435.5	63	418.8
	Apr 2018	1100	18.5	1094.62	11260	-455	448.26	878.1	467.5	57	425.1
	May 2018	971	15.8	1090.43	10894	-365	440.25	1345.0	389.7	88	401.4
	Jun 2018	868	14.6	1087.35	10629	-265	435.66	1518.0	339.6	100	391.3
	Jul 2018	828	13.5	1086.24	10534	-95	434.07	1518.0	327.2	100	395.1
	Aug 2018	771	12.5	1086.82	10584	50	433.97	1604.1	302.4	100	392.0
	Sep 2018	700	11.8	1085.99	10513	-71	434.33	1601.8	272.5	100	389.4
	WY 2018	**9713**							**3953.0**		
	Oct 2018	493	8.0	1087.66	10656	143	439.64	1196.9	195.9	74	397.1
	Nov 2018	638	10.7	1087.76	10664	9	443.58	1081.7	253.9	67	397.9
	Dec 2018	596	9.7	1089.14	10783	119	442.95	1012.3	238.0	63	399.3
	Jan 2019	726	11.8	1093.46	11158	375	443.54	1031.7	293.5	63	404.3
	Feb 2019	613	11.0	1097.63	11525	367	446.77	1044.9	247.4	63	403.4

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 2017 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Mar 2016	921	15.0	643.17	1703	58	139.07	214.2	117.9	84	128.0
H	Apr 2016	979	16.4	644.70	1746	42	143.66	255.0	125.4	100	128.2
I	May 2016	903	14.7	643.07	1701	-45	141.63	252.5	115.5	99	127.8
S	Jun 2016	838	14.1	644.53	1741	40	143.17	255.0	107.4	100	128.1
T	Jul 2016	803	13.1	643.75	1719	-22	144.39	252.5	103.3	99	128.6
O	Aug 2016	714	11.6	642.00	1671	-48	142.46	255.0	91.6	100	128.4
R	Sep 2016	711	11.9	640.34	1627	-45	138.91	255.0	90.5	100	127.3
	WY 2016	**8879**							**1129.0**		
I	Oct 2016	640	10.4	634.86	1482	-144	135.70	201.5	79.3	79	123.8
C	Nov 2016	574	9.6	640.09	1620	138	140.91	170.9	71.1	67	123.8
A	Dec 2016	482	7.8	641.31	1653	33	138.48	168.3	61.4	66	127.3
L	Jan 2017	408	6.6	643.47	1712	59	143.95	164.5	54.6	65	133.8
*	Feb 2017	486	8.7	642.70	1690	-21	141.54	162.1	63.8	64	131.4
	Mar 2017	856	13.9	642.50	1685	-5	137.33	194.1	107.2	76	125.3
	Apr 2017	948	15.9	643.00	1699	14	135.78	255.0	118.3	100	124.8
	May 2017	866	14.1	643.00	1699	0	136.04	255.0	108.8	100	125.6
	Jun 2017	806	13.5	642.00	1671	-27	135.51	255.0	100.9	100	125.3
	Jul 2017	763	12.4	641.50	1658	-14	134.73	255.0	95.3	100	125.0
	Aug 2017	691	11.2	641.50	1658	0	134.46	255.0	86.5	100	125.2
	Sep 2017	802	13.5	640.01	1617	-40	133.68	255.0	99.3	100	123.7
	WY 2017	**8323**							**1046.5**		
	Oct 2017	772	12.6	633.00	1434	-183	130.74	202.3	92.8	79	120.2
	Nov 2017	694	11.7	635.00	1486	51	129.19	170.0	82.1	67	118.3
	Dec 2017	612	9.9	638.71	1583	97	132.25	167.8	74.3	66	121.5
	Jan 2018	609	9.9	641.80	1666	83	134.43	210.6	75.8	83	124.5
	Feb 2018	586	10.6	641.80	1666	0	136.73	187.6	73.7	74	125.7
	Mar 2018	976	15.9	643.05	1700	34	137.26	190.8	121.5	75	124.5
	Apr 2018	1064	17.9	643.00	1699	-2	136.07	255.0	132.5	100	124.4
	May 2018	936	15.2	643.00	1699	0	136.04	255.0	117.2	100	125.2
	Jun 2018	852	14.3	642.00	1671	-27	135.51	255.0	106.6	100	125.0
	Jul 2018	800	13.0	641.50	1658	-14	134.73	255.0	99.9	100	124.8
	Aug 2018	736	12.0	641.50	1658	0	134.46	255.0	92.0	100	124.9
	Sep 2018	711	11.9	640.01	1617	-40	133.68	255.0	88.3	100	124.3
	WY 2018	**9349**							**1156.6**		
	Oct 2018	658	10.7	633.00	1434	-183	130.74	202.3	79.5	79	120.9
	Nov 2018	565	9.5	635.00	1486	51	129.19	170.0	67.3	67	119.1
	Dec 2018	480	7.8	638.71	1583	97	132.25	167.8	58.7	66	122.3
	Jan 2019	614	10.0	641.80	1666	83	134.43	210.6	76.5	83	124.5
	Feb 2019	588	10.6	641.80	1666	0	136.73	187.6	73.8	74	125.7

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 2017 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Mar 2016	695	11.3	447.40	569	17	81.63	104.4	48.9	87	70.3
H	Apr 2016	689	11.6	448.89	597	28	83.09	120.0	48.4	100	70.3
I	May 2016	636	10.3	448.08	581	-15	82.13	120.0	45.1	100	70.9
S	Jun 2016	633	10.6	448.81	596	14	83.02	120.0	44.8	100	70.8
T	Jul 2016	617	10.0	449.03	600	4	83.16	120.0	43.7	100	70.9
O	Aug 2016	570	9.3	448.50	590	-10	82.60	120.0	40.2	100	70.7
R	Sep 2016	490	8.2	447.97	579	-10	82.24	120.0	34.7	100	70.9
	WY 2016	**6345**							**447.6**		
I	Oct 2016	466	7.6	446.90	559	-20	78.88	93.6	32.8	78	70.5
C	Nov 2016	374	6.3	446.33	549	-11	80.55	90.0	26.0	75	69.6
A	Dec 2016	271	4.4	447.64	573	24	83.20	117.6	17.9	98	65.9
L	Jan 2017	244	4.0	447.29	567	-6	81.95	93.9	16.2	78	66.5
*	Feb 2017	393	7.1	448.30	586	19	82.67	90.0	27.9	75	71.0
	Mar 2017	707	11.5	447.50	571	-15	76.68	90.0	47.6	75	67.3
	Apr 2017	739	12.4	448.00	580	9	75.43	113.0	48.9	94	66.2
	May 2017	634	10.3	448.70	593	13	75.71	120.0	41.9	100	66.0
	Jun 2017	666	11.2	448.70	593	0	76.05	120.0	44.3	100	66.4
	Jul 2017	643	10.5	448.00	580	-13	75.71	120.0	42.5	100	66.0
	Aug 2017	570	9.3	447.50	571	-9	75.13	120.0	37.2	100	65.3
	Sep 2017	522	8.8	447.50	570	0	75.69	102.0	34.3	85	65.8
	WY 2017	**6230**							**417.6**		
	Oct 2017	498	8.1	447.50	571	0	74.97	118.1	32.3	98	64.9
	Nov 2017	417	7.0	447.50	571	0	75.93	97.0	27.3	81	65.3
	Dec 2017	355	5.8	446.50	552	-19	74.40	120.0	22.5	100	63.5
	Jan 2018	361	5.9	446.50	552	0	74.88	98.7	23.1	82	64.0
	Feb 2018	477	8.6	446.50	552	0	75.04	95.4	31.2	79	65.3
	Mar 2018	713	11.6	446.70	555	4	74.01	120.0	46.3	100	65.0
	Apr 2018	745	12.5	448.70	593	38	75.08	120.0	49.1	100	65.9
	May 2018	640	10.4	448.70	593	0	76.05	120.0	42.4	100	66.3
	Jun 2018	671	11.3	448.70	593	0	76.05	120.0	44.6	100	66.5
	Jul 2018	639	10.4	448.00	580	-13	75.71	120.0	42.2	100	66.0
	Aug 2018	573	9.3	447.50	571	-9	75.13	120.0	37.5	100	65.4
	Sep 2018	510	8.6	447.50	570	0	75.73	101.0	33.5	84	65.8
	WY 2018	**6600**							**432.0**		
	Oct 2018	486	7.9	447.50	571	0	75.01	117.1	31.5	98	64.9
	Nov 2018	390	6.5	447.50	571	0	75.83	99.0	25.3	83	65.0
	Dec 2018	326	5.3	446.50	552	-19	74.40	120.0	20.6	100	63.2
	Jan 2019	360	5.8	446.50	552	0	75.02	95.8	23.0	80	64.1
	Feb 2019	475	8.6	446.50	552	0	75.21	92.1	31.1	77	65.5

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 2017 24-Month Study

Most Probable Inflow*

Upper Basin Power

	Date	Glen Canyon 1000 MWHR	Flaming Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Reservoir 1000 MWHR	Fontenelle Reservoir 1000 MWHR
*	Mar 2016	298	20	10	11	7	4
	Winter 2016	**1871**	**274**	**100**	**118**	**38**	**23**
H	Apr 2016	288	19	18	25	16	4
I	May 2016	305	20	38	61	21	7
S	Jun 2016	360	105	14	18	15	9
T	Jul 2016	435	46	34	40	22	6
O	Aug 2016	408	44	33	39	22	6
R	Sep 2016	315	42	30	36	20	3
	Summer 2016	**2111**	**276**	**166**	**218**	**116**	**34**
I	Oct 2016	269	33	26	33	19	0
C	Nov 2016	277	30	9	11	6	0
A	Dec 2016	395	41	10	11	6	0
L	Jan 2017	385	43	10	11	5	0
*	Feb 2017	307	43	13	19	10	0
	Mar 2017	282	92	20	23	12	6
	Winter 2017	**1915**	**284**	**88**	**108**	**58**	**6**
	Apr 2017	280	102	21	31	17	7
	May 2017	413	106	60	110	23	6
	Jun 2017	447	104	48	70	22	8
	Jul 2017	567	108	39	48	23	10
	Aug 2017	602	51	43	51	23	10
	Sep 2017	420	49	41	50	22	6
	Summer 2017	**2728**	**519**	**252**	**360**	**132**	**45**
	Oct 2017	270	51	23	29	15	6
	Nov 2017	269	49	16	20	10	6
	Dec 2017	302	50	25	31	16	6
	Jan 2018	318	50	16	20	11	5
	Feb 2018	284	45	11	15	8	4
	Mar 2018	296	50	13	17	9	5
	Winter 2018	**1739**	**295**	**104**	**132**	**69**	**32**
	Apr 2018	267	48	16	23	13	6
	May 2018	266	69	41	60	23	7
	Jun 2018	285	69	26	38	22	9
	Jul 2018	328	37	37	45	23	10
	Aug 2018	349	37	39	47	23	10
	Sep 2018	261	36	33	40	20	5
	Summer 2018	**1144**	**223**	**120**	**166**	**82**	**31**
	Oct 2018	279	37	20	25	13	5
	Nov 2018	278	36	11	14	8	5
	Dec 2018	312	37	19	24	12	5
	Jan 2019	474	37	16	20	11	5
	Feb 2019	415	33	13	17	9	4

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Managing Water in the West

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Most Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions

Date	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Total KAF	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****EFFECTIVE SPACE****										
Mar 2017	828	258	357	13105	14548	16539	31087	605	258	53	916	13105	16539	30560	1500	880	0	29.7
Apr 2017	835	286	269	13034	14424	16691	31115	609	286	-40	855	13034	16691	30580	1500	998	0	30.1
May 2017	893	253	179	12393	13718	16984	30702	662	253	-150	765	12393	16984	30141	1500	901	0	32.3
Jun 2017	701	271	276	10362	11610	16916	28526	452	271	-86	638	10362	16916	27916	1500	821	0	35.1
Jul 2017	399	34	389	8138	8961	16761	25722	134	17	-18	134	8138	16761	25033	1500	790	0	35.6
								****CREDITABLE SPACE****										
Aug 2017	285	15	457	8101	8858	16286	25144	285	15	457	757	8101	16286	25144	1500	726	0	35.5
Sep 2017	267	74	479	8806	9625	15623	25249	267	74	479	820	8806	15623	25249	2270	791	0	35.1
Oct 2017	310	147	480	9244	10182	15416	25598	310	147	480	938	9244	15416	25598	3040	608	0	34.8
Nov 2017	362	172	471	9306	10311	15383	25694	362	172	471	1005	9306	15383	25694	3810	767	0	34.6
Dec 2017	432	188	470	9412	10501	15498	25999	432	188	470	1090	9412	15498	25999	4580	728	0	34.3
Jan 2018	534	247	473	9623	10876	15504	26381	534	247	473	1253	9623	15504	26381	5350	721	0	34.0
								****EFFECTIVE SPACE****										
Jan 2018	534	247	473	9623	10876	15504	26381	160	226	212	597	9623	15504	25725	5350	721	0	34.0
Feb 2018	630	275	478	9882	11267	15445	26711	256	256	217	729	9882	15445	26056	1500	612	0	33.8
Mar 2018	710	289	473	10079	11551	15349	26899	335	272	210	817	10079	15349	26244	1500	1040	0	33.5
Apr 2018	747	296	420	10154	11616	15662	27278	370	279	150	799	10154	15662	26615	1500	1100	0	33.4
May 2018	752	276	331	9921	11280	16117	27397	368	256	39	664	9921	16117	26702	1500	971	0	34.6
Jun 2018	703	203	329	8506	9741	16483	26224	312	174	-2	483	8506	16483	25472	1500	868	0	36.1
Jul 2018	516	49	431	6960	7956	16748	24704	110	-1	45	154	6960	16748	23861	1500	828	0	36.2
								****CREDITABLE SPACE****										
Aug 2018	425	50	446	6789	7710	16843	24552	425	50	446	921	6789	16843	24552	1500	771	0	35.9
Sep 2018	453	105	468	7029	8055	16793	24848	453	105	468	1026	7029	16793	24848	2270	700	0	35.6
Oct 2018	507	167	468	7154	8296	16864	25160	507	167	468	1142	7154	16864	25160	3040	493	0	35.3
Nov 2018	555	196	456	7260	8467	16721	25188	555	196	456	1207	7260	16721	25188	3810	638	0	35.2
Dec 2018	604	202	453	7415	8674	16713	25387	604	202	453	1259	7415	16713	25387	4580	596	0	35.0
Jan 2019	670	239	456	7683	9049	16594	25643	670	239	456	1366	7683	16594	25643	5350	726	0	34.8
								****EFFECTIVE SPACE****										
Jan 2019	670	239	456	7683	9049	16594	25643	380	239	200	819	7683	16594	25096	5350	726	0	34.8
Feb 2019	731	268	462	8293	9753	16219	25973	440	268	205	912	8293	16219	25424	1500	613	0	34.6

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3029

Processed On: 3/13/2017 10:07:02AM

April 24-Month Study
Date: April 17, 2017

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

Reservoir	March Inflow (unregulated) (acre-feet)	Percent of Average (%)	April 16, Midnight Elevation (feet)	April 16, Midnight Reservoir Storage (acre-feet)
Fontenelle	180,000	343	6,476.25	148,000
Flaming Gorge	400,000	391	6,024.27	3,133,000
Blue Mesa	74,000	205	7,493.08	606,000
Navajo	177,000	185	6,073.79	1,534,000
Powell	1,109,000	167	3,599.67	11,718,000

Expected Operations

The operation of Lake Powell and Lake Mead in this April 2017 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines), and reflects the 2017 Annual Operating Plan (AOP). Pursuant to the Interim Guidelines, the August 2016 24-Month Study projections of the January 1, 2017, system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2017.

Consistent with Section 6.B of the Interim Guidelines, the Lake Powell operational tier for water year 2017 is the Upper Elevation Balancing Tier. With an 8.23 million acre-feet (maf) release from Lake Powell in water year 2017, the April 2017 24-Month Study projects the end of water year elevation at Lake Powell to be above 3,575 feet above sea level (feet), and the end of water year elevation at Lake Mead to be below 1,075 feet. Therefore, in accordance with Section 6.B.4 of the Interim Guidelines, Lake Powell operations will shift to balancing releases for the remainder of water year 2017. Under Section 6.B.4, the contents of Lake Powell and Lake Mead will be balanced by the end of the water year, but not more than 9.0 maf and not less than 8.23 maf shall be released from Lake Powell. Based on the most probable inflow forecast, this April 24-Month Study projects a balancing release of 9.0 maf in water year 2017; however, the actual release in water year 2017 will depend on hydrology in the remainder of water year and

will range from 8.23 to 9.0 maf. The projected release from Lake Powell in water year 2017 will be updated each month throughout the remainder of the water year.

Consistent with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar year 2017.

The Interim Guidelines are available for download at:
https://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The 2017 AOP is available for download at:
https://www.usbr.gov/uc/water/rsvrs/ops/aop/AOP17.pdf.

Fontenelle Reservoir – Fontenelle Reservoir is currently at elevation 6478 feet, which amounts to 46 percent of live storage capacity. Inflows for the month of March totaled 180,360 acre-feet (af), or 343 percent of average. Significantly above average inflows are forecasted over the next few months and releases have been adjusted to meet the spring elevation target. Releases have been set to 5,000 cubic feet per second (cfs) and are anticipated to remain steady until inflows into the reservoir increase.

The Colorado Basin River Forecast Center has forecasted spring inflows that are significantly above average. April, May, and June forecasted inflow volumes amount to 240,000 af (280 percent of average), 390,000 af (238 percent of average), and 650,000 af (214 percent of average), respectively.

The next Fontenelle Working Group meeting is scheduled for 10:00 a.m., April 19, 2017. The meeting will be held at Seedskadee Wildlife Refuge Headquarters, Wyoming. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir.

Flaming Gorge Reservoir – Releases are currently at full power plant capacity (~4,600 cfs) and full bypass capacity (4,000 cfs) for a total release of ~8,600 cfs, and are expected to remain at this level through June.

Unregulated inflow into Flaming Gorge Reservoir during the month of March was 400,000 af, or 392 percent of average, and constitutes the new record inflow for the historic period of record. The reservoir elevation is 6,024.7 (84 percent of live capacity) and decreasing.

The April final forecast for inflows for the next three months projects above average conditions: April, May and June forecasted inflow volumes at 430,000 af (322 percent of average), 615,000 af (251 percent of average), and 750,000 af (192 percent of average), respectively.

The April water supply forecast of the April through July unregulated inflow volume into Flaming Gorge Reservoir is 2.26 million acre-feet (231 percent of average). Current

snowpack is 164 percent of median and we have received 159 percent of the season peak for the Upper Green Basin with additional storm systems anticipated.

The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stakeholders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations and plans presented by Reclamation at these meetings. Meeting notes from past Working Group meetings are posted on the Working Group webpage. For more information on this group and these meetings please contact Dale Hamilton at 801-379-1186 or Heather Patno at 801-524-3883.

Reclamation will be holding the Flaming Gorge Working Group meeting on Thursday, April 20, 2017, at 10:00 a.m. at the Utah Division of Wildlife Resources offices located at 318 North Vernal Avenue, Vernal, Utah.

Aspinall Unit Reservoirs – Crystal Dam is currently releasing 1,300 cfs and the Uncompahgre Valley Water Users Association has started diverting water through the Gunnison Tunnel. Currently, tunnel diversions are approximately 700 cfs and the flows in the Black Canyon are approximately 600 cfs. The March unregulated inflow to Blue Mesa Reservoir was 74,000 af (205 percent of average). The end of February reservoir elevation for Blue Mesa was 7,488.71 feet with live storage in Blue Mesa measuring approximately 571,400 af (69 percent full).

For the Gunnison River Basin, the first half of March was very dry and warm resulting in decreased snowpack levels. However, conditions improved during the second half of March and the snowpack nearly recovered to the level it was at the beginning of March. On April 1, 2017 the snowpack above Crystal Reservoir measured 123 percent of median. As of the timing of this update (April 17, 2017) the melting of the snowpack has begun and currently measures 108 percent of median for this date.

Unregulated Inflows to Blue Mesa for the next three months (April, May and June) are projected to be: 130,000 af (168 percent of average), 305,000 af (138 percent of average) and 365,000 af (140 percent of average), respectively. The April through July unregulated inflow forecast decreased from 970,000 af (144 percent of average) for March to 930,000 af (138 percent of average) for April. The April 24-Month Study is reflective of this new forecast.

The Aspinall Unit Working Group is an open public forum for information exchange between Reclamation and the stakeholders of the Aspinall Unit. The public is encouraged to attend and comments on the operations and plans presented by Reclamation at these meetings. Meeting notes from past working Group meetings are posted on the Working Group webpage. For more information on this group and these meetings please contact Erik Knight in the Grand Junction Area Office at (970) 248-0629.

The next meeting of the Aspinall Unit Working Group will be held on Thursday, April 27th, 2017 at 1:00 pm at the Western Colorado Area Office located at 445 West Gunnison Avenue in Grand Junction, Colorado.

Navajo Reservoir – As of April 6, 2017, Navajo reservoir elevation is 6070.6 feet (1.489 maf live storage) and is releasing 500 cfs. Releases are made for the authorized purposes of the Navajo Unit, and pursuant to the 2006 Record of Decision, in an attempt to maintain a target base flow through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell). The San Juan River Basin Recovery Implementation Program (SJRIP) recommends a target base flow of between 500 cfs and 1,000 cfs through the critical habitat area. The target base flow is calculated as the weekly average of gaged flows throughout the critical habitat area.

Modified unregulated inflow into Navajo for March was 176,809 af, which was 191percent of average for the month. Releases averaged 500 cfs and totaled 29,913 af.

The most probable modified-unregulated inflow forecast for April at Navajo is 200,000 af (119 percent of average), for May is 270,000 af (97 percent of average), and for June is 240,000 af (107 percent of average).

Under the current Most Probable April-July inflow forecast of 760,000 af (103 percent of average), Navajo has enough available water for a spring peak release of 40 days at 5,000 cfs. The ramp-up lasting 2-3 weeks will most likely begin between April 26th and May 3rd. The date will be finalized in the coming weeks. The start date is an estimate and will be entirely dependent on spring temperatures and the runoff timing of the Animas River, as Navajo releases are timed to match the peak on the Animas. Navajo reservoir elevaton is currently expected to peak at 6077 feet in late April just before the spring peak release begins.

Reclamation conducts Public Operations Meetings three times per year to gather input for determining upcoming operations for Navajo Reservoir. Input from individuals, organizations, and agencies along with other factors such as weather, water rights, endangered species requirements, flood control, hydro power, recreation, fish and wildlife management, and reservoir levels, will be considered in the development of these reservoir operation plans. In addition, the meetings are used to coordinate activities and exchange information among agencies, water users, and other interested parties concerning the San Juan River and Navajo Reservoir.

The next Navajo Public Operations Coordination Meeting is scheduled for April 25, 2017, at 1p.m. at the Farmington Civic Center, Farmington, NM.

Glen Canyon Dam / Lake Powell

Current Status
The unregulated inflow volume to Lake Powell in March was 1,110 thousand acre-feet (kaf) (167 percent of average). The release volume from Glen Canyon Dam in March was 720 kaf. The end of March elevation and storage of Lake Powell were 3,596 feet

(104 feet from full pool) and 11.4 maf (47 percent of full capacity), respectively. The reservoir reached a seasonal low elevation on March 15th near elevation 3593.85 feet. Since that time the reservoir has been increasing as the first of the spring runoff is now entering the reservoir. The current snowpack above Lake Powell is 119 percent of median.

Current Operations

The operating tier for water year 2017 was established in August 2016 as the Upper Elevation Balancing Tier. In the Upper Elevation Balancing Tier the initial water year release volume is 8.23 maf; however, there is the possibility for an April adjustment to equalization or balancing operations to govern for the remainder of the water year. This April 2017 24-Month Study establishes that Lake Powell operations will shift to "balancing releases" for the remainder of water year 2017. Under Balancing, the contents of Lake Powell and Lake Mead will be balanced by the end of the water year, but not more than 9.0 maf and not less than 8.23 maf shall be released from Lake Powell. Based on the most probable inflow forecast, this April 24-Month Study projects a balancing release of 9.0 maf in water year 2017; the actual release in water year 2017, however, will depend on hydrology in the remainder of water year and will range from 8.23 to 9.0 maf. The projected release from Lake Powell in water year 2017 will be updated each month throughout the remainder of the water year. Reclamation will schedule operations at Glen Canyon Dam to achieve as practicably as possible the appropriate total annual release volume by September 30, 2017.

In April, the release volume will be approximately 620 kaf, with fluctuations anticipated between about 7,500 cfs in the nighttime to about 13,500 cfs in the daytime and consistent with the Glen Canyon Operating Criteria (Federal Register, Volume 62, No. 41, March 3, 1997). The anticipated release volume for May is 650 kaf with daily fluctuations between approximately 8,000 cfs and 14,000 cfs. The expected release for June is 750 kaf with daily fluctuations between approximately 9,000 cfs and 17,000 cfs.

In addition to daily scheduled fluctuations for power generation, the instantaneous releases from Glen Canyon Dam may also fluctuate to provide 40 megawatts (MW) of system regulation. These instantaneous release adjustments stabilize the electrical generation and transmission system and translate to a range of up to about 1,200 cfs above or below the hourly scheduled release rate. Under system normal conditions, fluctuations for regulation are typically short lived and generally balance out over the hour with minimal or no noticeable impacts on downstream river flow conditions.

Releases from Glen Canyon Dam can also fluctuate beyond scheduled releases when called upon to respond to unscheduled power outages or power system emergencies. Depending on the severity of the system emergency, the response from Glen Canyon Dam can be significant, within the full range of the operating capacity of the power plant for as long as is necessary to maintain balance in the transmission system. Glen Canyon Dam currently maintains 27 MW (approximately 800 cfs) of generation capacity in reserve in order to respond to a system emergency even when generation rates are already high. System emergencies occur fairly infrequently and typically require small responses

from Glen Canyon Dam. However, these responses can have a noticeable impact on the river downstream of Glen Canyon Dam.

Inflow Forecasts and Model Projections

The April to July 2017 water supply forecast for unregulated inflow to Lake Powell, issued on April 4, 2017, by the Colorado Basin River Forecast Center, projects that the most probable (median) unregulated inflow volume will be 9.3 maf (130 percent of average based on the period 1981-2010). The projected water year 2017 inflow is 13.5 maf (124 percent of average). At this early point in the season, there is still significant uncertainty regarding this year's water supply. The April-July forecast ranges from a minimum probable of 7.5 maf (105 percent of average) to a maximum probable of 12.0 maf (168 percent of average). There is a 10 percent chance that inflows could be higher than the current maximum probable forecast and a 10 percent chance that inflows could be lower than the minimum probable forecast.

As determined in the August 2016 24-Month Study, and documented in the 2017 Annual Operating Plan, Lake Powell's operations in water year 2017 will be governed by the Upper Elevation Balancing Tier. In this tier, the initial water year release volume is 8.23 maf, however, there is the potential for an April adjustment to equalization or balancing releases in April 2017. This April 2017 24-Month Study projects the end of water year elevation at Lake Powell to be above 3,575 feet and the end of water year elevation at Lake Mead to be below elevation 1,075 feet. Therefore, in accordance with Section 6.B.4 of the 2007 Interim Guidelines, Lake Powell operations will shift to "balancing releases" for the remainder of water year 2017. Under Section 6.B.4, the contents of Lake Powell and Lake Mead will be balanced by the end of the water year, but not more than 9.0 maf and not less than 8.23 maf shall be released from Lake Powell.

Based on the April most probable inflow forecast, the annual release volume from Lake Powell during water year 2017 is projected to be 9.0 maf. Under the minimum probable inflow scenario, the water year release is projected to be 9.0 maf. Under the maximum probable inflow scenario, the release is projected to be 9.0 maf. There 10 percent chance that inflows will be lower than the current minimum probable forecast, potentially resulting in lower releases. If inflows are less than the minimum probable forecast, the water year 2017 annual release could be as low as 8.23 maf. If inflows are greater than the current forecasted maximum probable inflow, the annual release will be 9.0 maf. The projected release from Lake Powell in water year 2017 will be updated each month throughout the remainder of the water year.

Based on the current forecast, the April 24-Month Study projects Lake Powell elevation will end water year 2017 near 3,641 feet with approximately 16.12 maf in storage (66 percent of capacity). Projections of elevation and storage still have significant uncertainty at this point in the season, primarily due to uncertainty regarding spring runoff and the resulting inflow to Lake Powell. Under the minimum probable inflow scenario, updated in April, the projected end of water year elevation and storage are 3,625 feet and 14.25 maf (59 percent of capacity), respectively. Under the maximum probable inflow scenario, updated in April, the projected end of water year elevation and storage are 3661 feet and 18.62 maf (77 percent of capacity), respectively. Modeling of

projected reservoir operations based on the minimum and maximum scenarios will be updated again in August.

Upper Colorado River Basin Hydrology

The Upper Colorado River Basin regularly experiences significant year to year hydrologic variability. During the 17-year period 2000 to 2016, however, the unregulated inflow to Lake Powell, which is a good measure of hydrologic conditions in the Colorado River Basin, was above average in only 3 out of the past 17 years. The period 2000-2016 is the lowest 17-year period since the closure of Glen Canyon Dam in 1963, with an average unregulated inflow of 8.57 maf, or 79 percent of the 30-year average (1981-2010). (For comparison, the 1981-2010 total water year average is 10.83 maf.) The unregulated inflow during the 2000-2016 period has ranged from a low of 2.64 maf (24% of average) in water year 2002 to a high of 15.97 maf (147 percent of average) in water year 2011. In water year 2016 unregulated inflow volume to Lake Powell was 9.62 maf (89 percent of average), which, though still below average, was significantly higher than inflows observed in 2012 and 2013 (45 and 47 percent of average, respectively). Under the current most probable forecast, the total water year 2017 unregulated inflow to Lake Powell is projected to be 13.47 maf (124 percent of average).

At the beginning of water year 2017, total system storage in the Colorado River Basin was 30.2 maf (51 percent of the 59.6 maf total system capacity). This is nearly the same as the total storage at the beginning of water years 2015 and 2016 which began at 30.1 maf and 30.3 maf, respectively, both of which were 51 percent of capacity. Since the beginning of water year 2000, total Colorado Basin storage has experienced year to year increases and decreases in response to wet and dry hydrology, ranging from a high of 94 percent of capacity at the beginning of 2000 to a low of 50 percent of capacity at the beginning of water year 2005. One wet year can significantly increase total system reservoir storage, just as persistent dry years can draw down the system storage. Based on current inflow forecasts, the current projected end of water year total Colorado Basin reservoir storage for water year 2017 is approximately 34.3 maf (58 percent of total system capacity). The actual end of water year 2017 system storage may vary from this projection, primarily due to uncertainty regarding the season's snowpack and resulting runoff and reservoir inflow. Based on the January minimum and maximum probable inflow forecasts and modeling, the range of end of water year 2017 total system capacity is approximately 32.43 maf (54 percent of capacity) to 37.0 maf (62 percent of capacity), respectively.

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-430
125 SOUTH STATE STREET, ROOM 6107
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-3709

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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:	Obs			mar	Forecast		Outlook		
:	dec	jan	feb	mar	%Avg	apr	may	jun	apr-jul	%Avg
GLDA3:Lake Powell	300	359	555	1110	167%:	1600/	3000/	3350/	9300/:	130%
GBRW4:Fontenelle	37	45	51	180	342%:	240/	390/	650/	1680/:	232%
GRNU1:Flaming Gorge	35	49	106	400	392%:	430/	615/	750/	2260/:	231%
BMDC2:Blue Mesa	26	29	28	70	194%:	130/	305/	365/	930/:	138%
MPSC2:Morrow Point	27	30	29	74	185%:	147/	340/	395/	1015/:	137%
CLSC2:Crystal	31	35	34	81	175%:	165/	385/	445/	1140/:	137%
TPIC2:Taylor Park	4.9	5.5	4.2	5.7	128%:	9/	37/	51/	118/:	119%
VCRC2:Vallecito	5.7	6.8	7.3	24	279%:	29/	75/	79/	210/:	108%
NVRN5:Navajo	26	35	55	177	192%:	200/	270/	240/	760/:	103%
LEMC2:Lemon	0.96	1.06	1.14	4.1	257%:	6/	24/	22/	57/:	104%
MPHC2:McPhee	4.0	5.1	8.4	57	270%:	122/	167/	108/	420/:	142%
RBSC2:Ridgway	4.5	4.5	4.5	7.8	136%:	13/	31/	49/	118/:	117%

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2017 24-Month Study

Most Probable Inflow*

Fontenelle Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Apr 2016	91	1	56	0	56	6481.34	174
H	May 2016	186	2	86	20	106	6493.63	252
I	Jun 2016	293	2	101	143	243	6500.14	299
S	Jul 2016	80	3	73	3	76	6500.25	300
T	Aug 2016	29	2	65	0	65	6495.03	262
O	Sep 2016	26	2	36	21	58	6490.22	229
	WY 2016	**943**	**15**	**739**	**213**	**952**		
R	Oct 2016	57	1	0	57	57	6490.08	228
I	Nov 2016	62	1	0	59	59	6490.44	230
C	Dec 2016	37	1	0	63	63	6486.33	203
A	Jan 2017	45	1	0	63	63	6483.20	184
L	Feb 2017	51	1	0	57	57	6482.06	178
*	Mar 2017	180	1	0	150	150	6486.90	207
	Apr 2017	240	1	98	215	312	6473.54	135
	May 2017	390	1	96	319	415	6467.47	109
	Jun 2017	650	2	98	386	484	6496.45	273
	Jul 2017	400	3	103	227	330	6505.31	340
	Aug 2017	145	2	103	109	212	6496.26	271
	Sep 2017	85	2	70	0	70	6498.09	285
	WY 2017	**2342**	**15**	**567**	**1705**	**2272**		
	Oct 2017	76	1	72	0	72	6498.48	288
	Nov 2017	54	1	70	0	70	6496.21	271
	Dec 2017	32	1	72	0	72	6490.26	230
	Jan 2018	30	1	72	0	72	6483.61	187
	Feb 2018	28	1	65	0	65	6476.60	149
	Mar 2018	53	0	73	0	73	6472.08	128
	Apr 2018	85	1	93	8	101	6468.29	112
	May 2018	164	1	96	45	141	6473.38	134
	Jun 2018	299	2	100	49	149	6497.79	282
	Jul 2018	178	3	102	16	118	6505.21	339
	Aug 2018	77	2	100	4	105	6501.33	309
	Sep 2018	46	2	67	0	67	6498.25	286
	WY 2018	**1121**	**15**	**984**	**122**	**1105**		
	Oct 2018	49	1	69	0	69	6495.21	264
	Nov 2018	42	1	67	0	67	6491.50	238
	Dec 2018	32	1	69	0	69	6485.64	200
	Jan 2019	30	1	69	0	69	6478.74	160
	Feb 2019	28	0	63	0	63	6471.26	125
	Mar 2019	53	0	65	0	65	6468.22	112

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3031

Processed On: 4/11/2017 1:16:47PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2017 24-Month Study

Most Probable Inflow*

Flaming Gorge Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	Apr 2016	140	105	5	50	0	50	129	6026.43	3213	316
H	May 2016	362	282	8	52	0	52	138	6032.01	3427	701
I	Jun 2016	455	405	11	270	198	469	135	6030.17	3356	965
S	Jul 2016	91	88	13	116	4	120	133	6029.03	3312	220
T	Aug 2016	28	64	13	110	0	110	131	6027.55	3255	133
O	Sep 2016	36	67	11	107	0	107	129	6026.27	3207	128
	WY 2016	**1427**	**1437**	**80**	**1406**	**203**	**1609**				**3435**
R	Oct 2016	70	70	7	85	0	85	128	6025.69	3186	119
I	Nov 2016	73	70	4	77	0	77	128	6025.41	3175	112
C	Dec 2016	35	61	2	106	0	106	126	6024.19	3130	136
A	Jan 2017	49	67	2	110	0	110	124	6023.01	3087	155
L	Feb 2017	106	112	2	109	0	109	124	6023.03	3088	189
*	Mar 2017	400	370	3	256	26	282	128	6025.25	3169	408
	Apr 2017	430	502	5	281	231	512	127	6024.88	3156	707
	May 2017	615	640	8	291	238	529	131	6027.55	3255	944
	Jun 2017	750	584	10	282	229	512	133	6029.11	3315	882
	Jul 2017	465	395	14	175	0	175	141	6034.18	3513	245
	Aug 2017	175	242	13	142	0	142	145	6036.23	3596	162
	Sep 2017	100	85	12	137	0	137	142	6034.70	3534	152
	WY 2017	**3267**	**3198**	**82**	**2052**	**724**	**2776**				**4211**
	Oct 2017	91	87	8	142	0	142	140	6033.20	3474	170
	Nov 2017	65	81	4	137	0	137	137	6031.73	3416	167
	Dec 2017	35	75	2	142	0	142	135	6030.03	3350	167
	Jan 2018	40	82	2	142	0	142	132	6028.49	3291	167
	Feb 2018	45	82	2	128	0	128	131	6027.26	3245	156
	Mar 2018	102	123	3	142	0	142	130	6026.70	3223	219
	Apr 2018	134	149	5	137	0	137	130	6026.87	3230	353
	May 2018	245	222	8	191	0	191	131	6027.46	3252	723
	Jun 2018	390	239	10	187	0	187	132	6028.51	3292	608
	Jul 2018	210	151	14	98	0	98	134	6029.48	3329	198
	Aug 2018	89	117	13	98	0	98	134	6029.62	3334	124
	Sep 2018	55	76	11	95	0	95	133	6028.87	3305	114
	WY 2018	**1500**	**1485**	**80**	**1642**	**0**	**1642**				**3166**
	Oct 2018	59	80	7	98	0	98	132	6028.21	3281	131
	Nov 2018	51	76	3	95	0	95	131	6027.65	3259	127
	Dec 2018	35	72	2	98	0	98	130	6026.94	3232	124
	Jan 2019	40	80	2	98	0	98	129	6026.41	3213	123
	Feb 2019	45	80	2	89	0	89	129	6026.12	3202	117
	Mar 2019	102	115	3	98	0	98	129	6026.46	3214	175

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2017 24-Month Study

Most Probable Inflow*

Taylor Park Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Apr 2016	9	6	9310.70	71
H	May 2016	17	11	9314.16	77
I	Jun 2016	41	20	9325.34	97
S	Jul 2016	11	21	9320.04	87
T	Aug 2016	9	16	9315.75	79
O	Sep 2016	6	14	9310.77	71
	WY 2016	**125**	**125**		
R	Oct 2016	5	6	9310.23	70
I	Nov 2016	4	5	9309.76	70
C	Dec 2016	5	5	9309.56	69
A	Jan 2017	6	5	9309.76	70
L	Feb 2017	4	5	9309.43	69
*	Mar 2017	6	6	9309.23	69
	Apr 2017	9	11	9308.20	67
	May 2017	37	22	9317.39	82
	Jun 2017	51	31	9327.94	102
	Jul 2017	21	28	9324.57	95
	Aug 2017	11	22	9318.91	85
	Sep 2017	8	21	9311.61	72
	WY 2017	**167**	**166**		
	Oct 2017	7	8	9311.26	72
	Nov 2017	5	6	9310.80	71
	Dec 2017	5	6	9309.98	70
	Jan 2018	4	6	9308.93	68
	Feb 2018	4	6	9307.51	66
	Mar 2018	4	6	9306.48	64
	Apr 2018	9	6	9308.29	67
	May 2018	28	20	9313.43	75
	Jun 2018	42	22	9324.42	95
	Jul 2018	20	22	9323.45	93
	Aug 2018	10	20	9318.17	84
	Sep 2018	7	16	9313.15	75
	WY 2018	**146**	**144**		
	Oct 2018	7	8	9312.34	74
	Nov 2018	5	6	9311.80	73
	Dec 2018	5	6	9310.98	71
	Jan 2019	4	6	9309.95	70
	Feb 2019	4	6	9308.55	68
	Mar 2019	4	6	9307.54	66

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2017 24-Month Study

Most Probable Inflow*

Blue Mesa Reservoir

	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Apr 2016	75	72	1	63	0	63	7488.62	571
H	May 2016	161	155	1	134	19	153	7488.74	572
I	Jun 2016	285	265	1	46	0	46	7514.84	788
S	Jul 2016	81	91	2	112	0	112	7512.31	766
T	Aug 2016	57	65	1	110	0	110	7506.94	720
O	Sep 2016	38	46	1	100	0	100	7500.48	665
	WY 2016	**881**	**882**	**9**	**913**	**19**	**934**		
R	Oct 2016	32	33	1	90	0	90	7493.44	608
I	Nov 2016	26	27	0	33	0	33	7492.53	601
C	Dec 2016	26	26	0	35	0	35	7491.43	593
A	Jan 2017	29	28	0	34	0	34	7490.68	587
L	Feb 2017	28	29	0	44	1	44	7488.71	571
*	Mar 2017	70	70	0	69	0	70	7488.71	571
	Apr 2017	130	132	1	56	0	56	7498.17	646
	May 2017	305	290	1	208	110	318	7494.51	617
	Jun 2017	365	345	1	150	0	150	7517.25	810
	Jul 2017	130	137	2	130	0	130	7517.79	815
	Aug 2017	68	79	1	108	0	108	7514.39	784
	Sep 2017	51	64	1	101	0	101	7510.00	746
	WY 2017	**1260**	**1259**	**9**	**1059**	**111**	**1169**		
	Oct 2017	47	48	1	71	0	71	7507.27	722
	Nov 2017	35	35	0	66	0	66	7503.67	692
	Dec 2017	26	27	0	138	0	138	7489.94	581
	Jan 2018	24	26	0	55	0	55	7486.20	552
	Feb 2018	22	25	0	38	0	38	7484.40	539
	Mar 2018	36	38	0	44	0	44	7483.51	532
	Apr 2018	77	74	1	54	0	54	7486.14	552
	May 2018	221	213	1	139	0	139	7495.43	624
	Jun 2018	261	241	1	66	0	66	7515.96	799
	Jul 2018	117	119	2	105	0	105	7517.28	810
	Aug 2018	63	73	1	127	0	127	7511.12	756
	Sep 2018	38	47	1	117	0	117	7502.79	684
	WY 2018	**968**	**965**	**9**	**1018**	**0**	**1018**		
	Oct 2018	38	40	1	74	0	74	7498.59	650
	Nov 2018	31	32	0	49	0	49	7496.49	633
	Dec 2018	26	27	0	76	0	76	7490.28	584
	Jan 2019	24	26	0	55	0	55	7486.55	555
	Feb 2019	22	25	0	44	0	44	7484.01	536
	Mar 2019	36	38	0	45	0	45	7482.96	528

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2017 24-Month Study

Most Probable Inflow*

Morrow Point Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Apr 2016	83	63	7	71	71	0	71	7152.57	111
H	May 2016	176	153	15	168	176	4	180	7136.53	99
I	Jun 2016	302	46	18	64	52	0	52	7152.31	111
S	Jul 2016	83	112	2	114	113	0	113	7153.43	112
T	Aug 2016	58	110	1	111	111	0	111	7153.88	112
O	Sep 2016	39	100	1	100	103	0	103	7150.03	109
	WY 2016	**931**	**934**	**49**	**983**	**972**	**5**	**978**		
R	Oct 2016	33	90	1	91	93	0	93	7146.55	106
I	Nov 2016	28	33	2	36	32	0	35	7147.39	107
C	Dec 2016	27	35	1	36	34	0	34	7150.44	109
A	Jan 2017	30	34	2	36	33	0	33	7153.75	112
L	Feb 2017	29	44	1	45	55	0	55	7140.48	102
*	Mar 2017	74	70	5	74	64	0	68	7148.96	108
	Apr 2017	147	56	17	73	69	0	69	7153.73	112
	May 2017	340	318	35	353	306	47	353	7153.73	112
	Jun 2017	395	150	30	180	180	0	180	7153.73	112
	Jul 2017	133	130	3	133	133	0	133	7153.73	112
	Aug 2017	72	108	4	112	112	0	112	7153.73	112
	Sep 2017	55	101	4	105	105	0	105	7153.73	112
	WY 2017	**1364**	**1169**	**104**	**1274**	**1217**	**47**	**1271**		
	Oct 2017	50	71	3	74	74	0	74	7153.73	112
	Nov 2017	37	66	3	68	68	0	68	7153.73	112
	Dec 2017	28	138	2	140	140	0	140	7153.73	112
	Jan 2018	27	55	2	57	57	0	57	7153.73	112
	Feb 2018	25	38	3	40	40	0	40	7153.73	112
	Mar 2018	40	44	4	48	48	0	48	7153.73	112
	Apr 2018	88	54	11	65	65	0	65	7153.73	112
	May 2018	247	139	26	165	165	0	165	7153.73	112
	Jun 2018	281	66	20	86	86	0	86	7153.73	112
	Jul 2018	123	105	6	112	112	0	112	7153.73	112
	Aug 2018	67	127	3	130	130	0	130	7153.73	112
	Sep 2018	41	117	3	119	119	0	119	7153.73	112
	WY 2018	**1054**	**1018**	**86**	**1104**	**1104**	**0**	**1104**		
	Oct 2018	41	74	3	76	76	0	76	7153.73	112
	Nov 2018	33	49	2	51	51	0	51	7153.73	112
	Dec 2018	28	76	2	78	78	0	78	7153.73	112
	Jan 2019	27	55	2	57	57	0	57	7153.73	112
	Feb 2019	25	44	3	46	46	0	46	7153.73	112
	Mar 2019	40	45	4	49	49	0	49	7153.73	112

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2017 24-Month Study

Most Probable Inflow*

Crystal Reservoir

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
*	Apr 2016	92	71	9	80	80	0	80	6751.41	16	47	36
H	May 2016	194	180	18	198	109	64	197	6753.13	17	51	154
I	Jun 2016	344	52	41	93	74	20	93	6752.00	17	43	53
S	Jul 2016	89	113	6	119	117	2	119	6750.04	16	64	58
T	Aug 2016	62	111	4	114	114	0	114	6749.30	16	62	53
O	Sep 2016	42	103	3	106	106	1	107	6747.05	15	59	47
	WY 2016	**1034**	**978**	**103**	**1081**	**811**	**243**	**1080**			**384**	**724**
R	Oct 2016	37	93	4	97	97	0	97	6747.92	15	57	39
I	Nov 2016	31	35	3	38	37	0	37	6750.47	16	1	36
C	Dec 2016	31	34	4	38	36	1	37	6751.45	17	0	37
A	Jan 2017	35	33	4	37	36	2	37	6750.29	16	1	37
L	Feb 2017	34	55	4	59	56	4	60	6749.56	16	0	60
*	Mar 2017	81	68	6	74	0	73	73	6752.06	17	8	66
	Apr 2017	165	69	18	87	87	0	87	6753.04	17	30	57
	May 2017	385	353	45	398	134	264	398	6753.04	17	55	343
	Jun 2017	445	180	50	230	130	101	230	6753.04	17	60	170
	Jul 2017	145	133	12	145	134	11	145	6753.04	17	65	80
	Aug 2017	80	112	8	120	120	0	120	6753.04	17	65	55
	Sep 2017	66	105	11	116	116	0	116	6753.04	17	55	61
	WY 2017	**1534**	**1271**	**170**	**1440**	**982**	**456**	**1438**			**398**	**1042**
	Oct 2017	60	74	9	83	83	0	83	6753.04	17	30	53
	Nov 2017	43	68	6	74	74	0	74	6753.04	17	0	74
	Dec 2017	32	140	5	145	134	10	145	6753.04	17	0	145
	Jan 2018	31	57	5	61	61	0	61	6753.04	17	0	61
	Feb 2018	29	40	4	44	44	0	44	6753.04	17	0	44
	Mar 2018	46	48	6	54	54	0	54	6753.04	17	5	49
	Apr 2018	101	65	12	77	77	0	77	6753.04	17	30	47
	May 2018	281	165	34	199	134	65	199	6753.04	17	55	144
	Jun 2018	315	86	34	119	119	0	119	6753.04	17	60	59
	Jul 2018	138	112	14	126	126	0	126	6753.04	17	65	61
	Aug 2018	75	130	8	138	134	4	138	6753.04	17	65	73
	Sep 2018	47	119	6	126	126	0	126	6753.04	17	55	71
	WY 2018	**1198**	**1104**	**144**	**1248**	**1169**	**80**	**1248**			**365**	**883**
	Oct 2018	47	76	6	82	82	0	82	6753.04	17	30	52
	Nov 2018	38	51	5	56	56	0	56	6753.04	17	0	56
	Dec 2018	32	78	5	83	83	0	83	6753.04	17	0	83
	Jan 2019	31	57	5	61	61	0	61	6753.04	17	0	61
	Feb 2019	29	46	4	50	50	0	50	6753.04	17	0	50
	Mar 2019	46	49	6	55	55	0	55	6753.04	17	5	50

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2017 24-Month Study

Most Probable Inflow*

Vallecito Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Apr 2016	25	13	7657.23	105
H	May 2016	60	44	7663.23	121
I	Jun 2016	77	73	7664.30	124
S	Jul 2016	17	38	7656.15	102
T	Aug 2016	15	33	7648.82	84
O	Sep 2016	14	27	7643.21	71
	WY 2016	**269**	**270**		
R	Oct 2016	11	8	7644.63	74
I	Nov 2016	6	2	7646.51	79
C	Dec 2016	6	2	7647.98	82
A	Jan 2017	7	5	7648.89	84
L	Feb 2017	7	15	7645.42	76
*	Mar 2017	24	24	7645.75	77
	Apr 2017	29	28	7646.23	78
	May 2017	75	38	7661.10	115
	Jun 2017	79	74	7662.82	120
	Jul 2017	27	42	7657.02	104
	Aug 2017	18	38	7648.81	84
	Sep 2017	16	30	7642.72	70
	WY 2017	**306**	**304**		
	Oct 2017	15	17	7641.52	68
	Nov 2017	9	2	7644.51	74
	Dec 2017	6	2	7646.45	79
	Jan 2018	5	2	7647.94	82
	Feb 2018	5	2	7649.20	85
	Mar 2018	9	2	7651.91	92
	Apr 2018	23	2	7660.27	113
	May 2018	71	62	7663.61	122
	Jun 2018	70	70	7663.48	121
	Jul 2018	29	42	7658.46	108
	Aug 2018	20	38	7651.09	90
	Sep 2018	17	30	7645.81	77
	WY 2018	**280**	**269**		
	Oct 2018	16	17	7645.03	75
	Nov 2018	9	2	7648.01	82
	Dec 2018	6	2	7649.87	87
	Jan 2019	5	2	7651.31	90
	Feb 2019	5	2	7652.52	93
	Mar 2019	9	2	7655.15	100

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2017 24-Month Study

Most Probable Inflow*

Navajo Reservoir

	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azetea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Farmington Flow (1000 Ac-Ft)
*	Apr 2016	119	14	94	3	19	22	6070.75	1491	49
H	May 2016	209	28	165	4	12	91	6074.87	1549	158
I	Jun 2016	214	35	174	5	25	250	6067.29	1443	387
S	Jul 2016	24	4	40	5	37	79	6061.29	1364	105
T	Aug 2016	30	4	45	4	33	35	6059.16	1337	56
O	Sep 2016	21	1	33	3	27	30	6056.98	1310	41
	WY 2016	**864**	**96**	**769**	**29**	**169**	**653**			**1066**
R	Oct 2016	27	0	24	2	5	27	6056.19	1300	46
I	Nov 2016	24	0	19	1	0	22	6055.87	1296	43
C	Dec 2016	25	0	22	1	0	20	6055.92	1297	39
A	Jan 2017	34	0	31	1	0	22	6056.65	1306	38
L	Feb 2017	55	1	62	1	1	26	6059.31	1339	48
*	Mar 2017	177	18	159	2	6	30	6068.54	1460	89
	Apr 2017	200	18	181	3	16	31	6077.81	1592	98
	May 2017	270	47	186	4	28	274	6069.41	1472	437
	Jun 2017	240	41	194	4	42	289	6058.68	1331	462
	Jul 2017	50	8	57	4	45	59	6054.46	1279	121
	Aug 2017	31	2	49	3	38	41	6051.72	1246	79
	Sep 2017	33	1	46	3	21	36	6050.57	1232	66
	WY 2017	**1166**	**135**	**1030**	**28**	**204**	**876**			**1566**
	Oct 2017	40	2	40	2	8	22	6051.36	1242	48
	Nov 2017	31	1	23	1	0	21	6051.51	1243	39
	Dec 2017	25	0	20	1	0	22	6051.39	1242	37
	Jan 2018	22	0	18	1	0	31	6050.29	1229	44
	Feb 2018	30	0	27	1	0	28	6050.16	1227	40
	Mar 2018	92	3	83	2	5	31	6053.97	1273	53
	Apr 2018	170	16	133	2	21	30	6060.42	1353	82
	May 2018	277	38	230	4	35	183	6061.08	1362	329
	Jun 2018	224	31	192	4	51	230	6053.61	1269	382
	Jul 2018	66	6	73	4	56	26	6052.49	1255	94
	Aug 2018	45	1	62	3	47	36	6050.46	1231	74
	Sep 2018	43	1	55	3	26	31	6050.01	1226	64
	WY 2018	**1065**	**98**	**957**	**26**	**248**	**689**			**1285**
	Oct 2018	47	2	47	2	10	31	6050.42	1230	59
	Nov 2018	34	1	26	1	0	30	6050.01	1226	48
	Dec 2018	25	0	20	1	0	31	6049.09	1215	46
	Jan 2019	22	0	18	1	0	31	6047.97	1202	44
	Feb 2019	30	0	27	1	0	28	6047.84	1200	40
	Mar 2019	92	2	83	1	5	31	6051.73	1246	53

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2017 24-Month Study

Most Probable Inflow*

Lake Powell

	Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry Gage (1000 Ac-Ft)
*	Apr 2016	814	681	22	665	0	665	3592.12	4935	11014	681
H	May 2016	2294	1925	26	700	0	700	3603.87	5024	12123	709
I	Jun 2016	2907	2618	46	800	0	800	3620.01	5155	13764	807
S	Jul 2016	595	804	58	950	0	950	3618.22	5140	13576	963
T	Aug 2016	253	432	56	900	0	900	3613.55	5101	13091	914
O	Sep 2016	281	461	50	699	0	699	3610.93	5080	12824	712
	WY 2016	**9616**	**9909**	**378**	**9000**	**0**	**9000**				**9117**
R	Oct 2016	381	477	35	601	0	601	3609.48	5068	12678	610
I	Nov 2016	383	389	33	624	126	750	3605.81	5039	12313	754
C	Dec 2016	300	366	26	898	0	898	3600.49	4997	11797	913
A	Jan 2017	359	415	8	880	0	880	3595.86	4962	11359	900
L	Feb 2017	555	565	8	711	0	711	3594.33	4951	11217	720
*	Mar 2017	1110	893	14	720	0	720	3595.91	4963	11364	730
	Apr 2017	1600	1468	23	620	0	620	3603.92	5024	12128	628
	May 2017	3000	3006	30	650	0	650	3624.82	5196	14281	656
	Jun 2017	3350	3029	53	750	0	750	3642.85	5361	16343	756
	Jul 2017	1350	1122	68	850	0	850	3644.43	5376	16532	865
	Aug 2017	630	686	67	900	0	900	3642.26	5355	16272	914
	Sep 2017	450	562	61	670	0	670	3640.95	5343	16115	679
	WY 2017	**13468**	**12979**	**424**	**8874**	**126**	**9000**				**9124**
	Oct 2017	547	613	42	640	0	640	3640.41	5338	16051	646
	Nov 2017	489	583	41	640	0	640	3639.64	5331	15961	644
	Dec 2017	363	578	32	720	0	720	3638.27	5318	15800	726
	Jan 2018	361	502	10	1160	0	1160	3632.91	5268	15181	1166
	Feb 2018	393	490	11	988	32	1020	3628.45	5228	14680	1022
	Mar 2018	665	659	17	1069	11	1080	3624.76	5196	14275	1085
	Apr 2018	1056	932	27	966	0	966	3624.24	5191	14218	974
	May 2018	2343	2186	33	956	0	956	3634.18	5280	15326	962
	Jun 2018	2666	2357	55	1000	0	1000	3644.43	5376	16532	1006
	Jul 2018	1091	989	68	1140	0	1140	3642.75	5360	16330	1155
	Aug 2018	500	612	66	1220	0	1220	3637.46	5310	15706	1234
	Sep 2018	408	542	59	915	0	915	3634.00	5278	15305	924
	WY 2018	**10882**	**11044**	**461**	**11413**	**44**	**11457**				**11543**
	Oct 2018	512	582	40	640	0	640	3633.20	5271	15214	646
	Nov 2018	473	532	39	640	0	640	3632.00	5260	15078	644
	Dec 2018	363	482	31	720	0	720	3629.79	5240	14830	726
	Jan 2019	361	458	10	760	0	760	3627.20	5217	14541	766
	Feb 2019	393	456	10	680	0	680	3625.22	5200	14325	682
	Mar 2019	665	617	17	710	0	710	3624.28	5191	14222	715

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3031

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2017 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Glen Release (1000 Ac-Ft)	Side Inflow Glen to Hoover (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Apr 2016	665	68	38	1055	17.7	18	1055	630	1076.13	9693
H	May 2016	700	50	43	887	14.4	22	885	618	1073.80	9504
I	Jun 2016	800	14	51	920	15.5	28	919	606	1071.64	9330
S	Jul 2016	950	70	64	831	13.5	30	830	612	1072.75	9419
T	Aug 2016	900	107	69	701	11.4	28	700	625	1075.17	9615
O	Sep 2016	699	88	57	702	11.8	22	701	625	1075.23	9620
	WY 2016	**9000**	**798**	**531**	**9293**		**224**	**9282**			
R	Oct 2016	601	78	42	518	8.4	23	517	631	1076.34	9710
I	Nov 2016	750	77	42	751	12.6	16	750	632	1076.55	9727
C	Dec 2016	898	63	36	542	8.8	8	536	655	1080.82	10079
A	Jan 2017	880	128	30	500	8.1	8	494	684	1086.08	10521
L	Feb 2017	711	148	28	488	8.8	6	487	704	1089.78	10838
*	Mar 2017	720	99	32	911	14.8	16	910	696	1088.26	10707
	Apr 2017	620	39	39	954	16.0	23	954	674	1084.32	10372
	May 2017	650	26	44	898	14.6	28	898	656	1081.02	10096
	Jun 2017	750	10	53	826	13.9	29	826	647	1079.34	9956
	Jul 2017	850	77	66	791	12.9	32	791	649	1079.77	9992
	Aug 2017	900	127	71	727	11.8	30	727	662	1082.02	10179
	Sep 2017	670	110	58	798	13.4	27	798	655	1080.87	10083
	WY 2017	**9000**	**984**	**541**	**8703**		**246**	**8687**			
	Oct 2017	640	71	42	612	10.0	22	612	657	1081.25	10115
	Nov 2017	640	65	42	771	13.0	14	771	650	1079.86	10000
	Dec 2017	720	51	36	727	11.8	11	727	650	1079.83	9997
	Jan 2018	1160	64	30	720	11.7	7	720	678	1085.07	10435
	Feb 2018	1020	72	28	611	11.0	8	611	705	1089.95	10853
	Mar 2018	1080	46	32	1039	16.9	16	1039	708	1090.37	10889
	Apr 2018	966	39	40	1099	18.5	23	1099	698	1088.66	10742
	May 2018	956	26	45	970	15.8	29	970	694	1087.99	10684
	Jun 2018	1000	10	55	867	14.6	29	867	698	1088.63	10739
	Jul 2018	1140	77	69	827	13.5	32	827	716	1091.77	11010
	Aug 2018	1220	127	74	770	12.5	30	770	744	1096.82	11454
	Sep 2018	915	110	62	699	11.7	27	699	759	1099.34	11677
	WY 2018	**11457**	**757**	**556**	**9713**		**248**	**9713**			
	Oct 2018	640	71	46	492	8.0	22	492	768	1100.92	11818
	Nov 2018	640	65	46	637	10.7	14	637	769	1101.01	11825
	Dec 2018	720	51	40	595	9.7	11	595	776	1102.31	11943
	Jan 2019	760	64	32	727	11.8	7	727	780	1102.91	11996
	Feb 2019	680	72	30	614	11.1	9	614	786	1103.94	12090
	Mar 2019	710	46	33	1045	17.0	17	1045	765	1100.41	11771

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2017 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Apr 2016	1055	-18	17	979	0	979	16.4	644.70	1746
H	May 2016	887	-6	22	903	0	903	14.7	643.07	1701
I	Jun 2016	920	-16	26	838	0	838	14.1	644.53	1741
S	Jul 2016	831	-24	26	803	0	803	13.1	643.75	1719
T	Aug 2016	701	-12	23	714	0	714	11.6	642.00	1671
O	Sep 2016	702	-18	18	711	0	711	11.9	640.34	1627
	WY 2016	**9293**	**-195**	**198**	**8879**	**0**	**8879**			
R	Oct 2016	518	-7	15	640	0	640	10.4	634.86	1482
I	Nov 2016	751	-29	11	574	0	574	9.6	640.09	1620
C	Dec 2016	542	-17	9	482	0	482	7.8	641.31	1653
A	Jan 2017	500	-23	10	408	0	408	6.6	643.47	1712
L	Feb 2017	488	-13	10	486	0	486	8.7	642.70	1690
*	Mar 2017	911	-27	13	844	0	844	13.7	643.70	1718
	Apr 2017	954	-20	17	936	0	936	15.7	643.00	1699
	May 2017	898	-13	22	863	0	863	14.0	643.00	1699
	Jun 2017	826	-18	25	810	0	810	13.6	642.00	1671
	Jul 2017	791	-16	25	763	0	763	12.4	641.50	1658
	Aug 2017	727	-12	23	692	0	692	11.3	641.50	1658
	Sep 2017	798	-11	18	809	0	809	13.6	640.01	1617
	WY 2017	**8703**	**-207**	**198**	**8307**	**0**	**8307**			
	Oct 2017	612	-4	15	777	0	777	12.6	633.00	1434
	Nov 2017	771	-11	10	699	0	699	11.7	635.00	1486
	Dec 2017	727	-10	9	610	0	610	9.9	638.71	1583
	Jan 2018	720	-19	10	608	0	608	9.9	641.80	1666
	Feb 2018	611	-16	10	585	0	585	10.5	641.80	1666
	Mar 2018	1039	-16	13	975	0	975	15.9	643.05	1700
	Apr 2018	1099	-20	17	998	66	1064	17.9	643.00	1699
	May 2018	970	-13	22	935	0	935	15.2	643.00	1699
	Jun 2018	867	-18	25	851	0	851	14.3	642.00	1671
	Jul 2018	827	-16	25	800	0	800	13.0	641.50	1658
	Aug 2018	770	-12	23	735	0	735	12.0	641.50	1658
	Sep 2018	699	-11	18	710	0	710	11.9	640.01	1617
	WY 2018	**9713**	**-166**	**197**	**9284**	**66**	**9349**			
	Oct 2018	492	-4	15	657	0	657	10.7	633.00	1434
	Nov 2018	637	-11	10	564	0	564	9.5	635.00	1486
	Dec 2018	595	-10	9	479	0	479	7.8	638.71	1583
	Jan 2019	727	-19	10	615	0	615	10.0	641.80	1666
	Feb 2019	614	-16	10	588	0	588	10.6	641.80	1666
	Mar 2019	1045	-16	13	981	0	981	16.0	643.05	1700

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2017 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	Apr 2016	979	18	11	689	11.6	93	169	448.89	597	202	3.4
H	May 2016	903	13	13	636	10.3	97	176	448.08	581	97	1.6
I	Jun 2016	838	18	15	633	10.6	95	89	448.81	596	92	1.5
S	Jul 2016	803	20	17	617	10.0	100	74	449.03	600	102	1.7
T	Aug 2016	714	23	17	570	9.3	85	65	448.50	590	99	1.6
O	Sep 2016	711	14	15	490	8.2	89	134	447.97	579	92	1.5
	WY 2016	**8879**	**225**	**140**	**6360**		**1057**	**1467**			**1496**	
R	Oct 2016	640	36	12	466	7.6	80	133	446.90	559	61	1.0
I	Nov 2016	574	21	9	374	6.3	78	140	446.33	549	97	1.6
C	Dec 2016	482	26	7	271	4.4	86	118	447.64	573	112	1.8
A	Jan 2017	408	33	6	244	4.0	68	126	447.29	567	126	2.1
L	Feb 2017	486	15	8	393	7.1	13	62	448.30	586	160	2.9
*	Mar 2017	844	11	9	687	11.2	24	136	447.83	577	203	3.3
	Apr 2017	936	19	11	734	12.3	41	155	448.00	580	181	3.0
	May 2017	863	15	13	635	10.3	44	165	448.50	589	104	1.7
	Jun 2017	810	15	16	667	11.2	41	85	448.70	593	105	1.8
	Jul 2017	763	26	17	644	10.5	57	72	448.00	580	111	1.8
	Aug 2017	692	25	17	570	9.3	57	72	447.50	571	100	1.6
	Sep 2017	809	20	15	523	8.8	105	177	447.50	570	89	1.5
	WY 2017	**8307**	**262**	**140**	**6208**		**693**	**1443**			**1449**	
	Oct 2017	777	28	12	499	8.1	107	179	447.50	571	74	1.2
	Nov 2017	699	19	9	418	7.0	105	179	447.50	571	119	2.0
	Dec 2017	610	19	7	351	5.7	107	179	446.50	552	134	2.2
	Jan 2018	608	17	6	361	5.9	96	157	446.50	552	138	2.2
	Feb 2018	585	10	8	477	8.6	30	73	446.50	552	160	2.9
	Mar 2018	975	7	9	713	11.6	96	152	446.70	555	198	3.2
	Apr 2018	1064	19	11	745	12.5	94	184	448.70	593	175	2.9
	May 2018	935	15	13	640	10.4	96	189	448.70	593	104	1.7
	Jun 2018	851	15	16	671	11.3	94	73	448.70	593	105	1.8
	Jul 2018	800	26	17	639	10.4	96	73	448.00	580	111	1.8
	Aug 2018	735	25	17	573	9.3	96	73	447.50	571	100	1.6
	Sep 2018	710	20	15	510	8.6	39	157	447.50	570	89	1.5
	WY 2018	**9349**	**220**	**139**	**6598**		**1056**	**1670**			**1507**	
	Oct 2018	657	28	12	486	7.9	32	147	447.50	571	74	1.2
	Nov 2018	564	19	9	390	6.5	32	147	447.50	571	116	1.9
	Dec 2018	479	19	7	326	5.3	32	147	446.50	552	131	2.1
	Jan 2019	615	17	6	360	5.8	104	158	446.50	552	138	2.2
	Feb 2019	588	10	8	475	8.6	35	74	446.50	552	160	2.9
	Mar 2019	981	7	9	710	11.5	104	153	446.70	555	198	3.2

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2017 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Apr 2016	1055	17.7	1076.13	9693	-355	429.37	1244.0	413.9	80	392.2
H	May 2016	887	14.4	1073.80	9504	-189	426.83	1164.0	343.6	74	387.5
I	Jun 2016	920	15.5	1071.64	9330	-174	425.27	1528.0	349.7	100	380.2
S	Jul 2016	831	13.5	1072.75	9419	89	427.46	1528.0	311.5	100	374.8
T	Aug 2016	701	11.4	1075.17	9615	196	431.00	1549.0	265.2	100	378.4
O	Sep 2016	702	11.8	1075.23	9620	5	429.97	1539.0	266.3	100	379.1
	WY 2016	**9293**							**3596.9**		
R	Oct 2016	518	8.4	1076.34	9710	90	438.10	1335.0	195.2	87	377.1
I	Nov 2016	751	12.6	1076.55	9727	17	427.42	1072.0	290.6	80	386.7
C	Dec 2016	542	8.8	1080.82	10079	352	438.26	1103.0	207.3	71	382.3
A	Jan 2017	500	8.1	1086.08	10521	442	442.12	857.0	192.4	55	384.9
L	Feb 2017	488	8.8	1089.78	10838	317	446.75	938.0	190.4	58	390.4
*	Mar 2017	911	14.8	1088.26	10707	-131	440.44	1291.1	362.0	79	397.2
	Apr 2017	954	16.0	1084.32	10372	-335	435.16	1227.0	376.4	76	394.7
	May 2017	898	14.6	1081.02	10096	-276	431.28	1251.0	351.3	80	391.4
	Jun 2017	826	13.9	1079.34	9956	-139	427.03	1549.0	322.2	100	390.0
	Jul 2017	791	12.9	1079.77	9992	36	426.90	1550.0	306.1	100	387.0
	Aug 2017	727	11.8	1082.02	10179	187	428.39	1562.0	279.7	100	384.7
	Sep 2017	798	13.4	1080.87	10083	-96	429.42	1562.0	311.8	100	390.8
	WY 2017	**8703**							**3385.3**		
	Oct 2017	612	10.0	1081.25	10115	32	433.91	1166.9	239.3	74	390.9
	Nov 2017	771	13.0	1079.86	10000	-115	436.47	1050.9	309.6	67	401.4
	Dec 2017	727	11.8	1079.83	9997	-3	434.40	980.0	288.2	63	396.7
	Jan 2018	720	11.7	1085.07	10435	438	434.74	991.0	285.3	63	396.4
	Feb 2018	611	11.0	1089.95	10853	418	438.77	996.9	242.3	63	396.6
	Mar 2018	1039	16.9	1090.37	10889	36	440.96	994.0	424.8	63	408.8
	Apr 2018	1099	18.5	1088.66	10742	-147	440.61	878.1	459.3	57	418.0
	May 2018	970	15.8	1087.99	10684	-58	436.07	1345.0	385.7	88	397.6
	Jun 2018	867	14.6	1088.63	10739	55	435.09	1518.0	338.8	100	390.7
	Jul 2018	827	13.5	1091.77	11010	271	437.45	1518.0	329.3	100	398.0
	Aug 2018	770	12.5	1096.82	11454	443	441.68	1528.0	307.0	100	398.5
	Sep 2018	699	11.7	1099.34	11677	223	445.92	1601.8	278.7	100	398.8
	WY 2018	**9713**							**3888.4**		
	Oct 2018	492	8.0	1100.92	11818	141	452.88	1196.9	200.4	74	406.9
	Nov 2018	637	10.7	1101.01	11825	7	456.78	1081.7	260.1	67	408.2
	Dec 2018	595	9.7	1102.31	11943	118	456.11	1012.3	243.7	63	409.4
	Jan 2019	727	11.8	1102.91	11996	53	454.80	1031.7	300.6	63	413.6
	Feb 2019	614	11.1	1103.94	12090	93	454.61	1044.9	251.6	63	409.7
	Mar 2019	1045	17.0	1100.41	11771	-318	452.91	1051.1	438.4	63	419.7

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2017 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Apr 2016	979	16.4	644.70	1746	42	143.66	255.0	125.4	100	128.2
H	May 2016	903	14.7	643.07	1701	-45	141.63	252.5	115.5	99	127.8
I	Jun 2016	838	14.1	644.53	1741	40	143.17	255.0	107.4	100	128.1
S	Jul 2016	803	13.1	643.75	1719	-22	144.39	252.5	103.3	99	128.6
T	Aug 2016	714	11.6	642.00	1671	-48	142.46	255.0	91.6	100	128.4
O	Sep 2016	711	11.9	640.34	1627	-45	138.91	255.0	90.5	100	127.3
	WY 2016	**8879**							**1129.0**		
R	Oct 2016	640	10.4	634.86	1482	-144	135.70	201.5	79.3	79	123.8
I	Nov 2016	574	9.6	640.09	1620	138	140.91	170.9	71.1	67	123.8
C	Dec 2016	482	7.8	641.31	1653	33	138.48	168.3	61.4	66	127.3
A	Jan 2017	408	6.6	643.47	1712	59	143.95	164.5	54.6	65	133.8
L	Feb 2017	486	8.7	642.70	1690	-21	141.54	162.1	63.8	64	131.4
*	Mar 2017	844	13.7	643.70	1718	28	141.08	194.1	109.6	76	129.9
	Apr 2017	936	15.7	643.00	1699	-19	137.01	231.2	117.3	91	125.4
	May 2017	863	14.0	643.00	1699	0	136.04	255.0	108.4	100	125.6
	Jun 2017	810	13.6	642.00	1671	-27	135.51	255.0	101.5	100	125.3
	Jul 2017	763	12.4	641.50	1658	-14	134.73	255.0	95.4	100	125.0
	Aug 2017	692	11.3	641.50	1658	0	134.46	255.0	86.6	100	125.2
	Sep 2017	809	13.6	640.01	1617	-40	133.68	255.0	100.0	100	123.7
	WY 2017	**8307**							**1049.1**		
	Oct 2017	777	12.6	633.00	1434	-183	130.74	202.3	93.4	79	120.2
	Nov 2017	699	11.7	635.00	1486	51	129.19	170.0	82.6	67	118.3
	Dec 2017	610	9.9	638.71	1583	97	132.25	167.8	74.2	66	121.5
	Jan 2018	608	9.9	641.80	1666	83	135.80	167.8	75.7	66	124.6
	Feb 2018	585	10.5	641.80	1666	0	137.35	167.8	73.6	66	125.7
	Mar 2018	975	15.9	643.05	1700	34	137.98	167.8	121.4	66	124.5
	Apr 2018	998	16.8	643.00	1699	-2	138.33	167.8	124.5	66	124.8
	May 2018	935	15.2	643.00	1699	0	138.56	167.8	117.1	66	125.2
	Jun 2018	851	14.3	642.00	1671	-27	138.05	167.8	106.5	66	125.0
	Jul 2018	800	13.0	641.50	1658	-14	137.30	167.8	99.8	66	124.8
	Aug 2018	735	12.0	641.50	1658	0	137.05	167.8	91.9	66	124.9
	Sep 2018	710	11.9	640.01	1617	-40	133.68	255.0	88.2	100	124.3
	WY 2018	**9284**							**1148.8**		
	Oct 2018	657	10.7	633.00	1434	-183	130.74	202.3	79.4	79	120.9
	Nov 2018	564	9.5	635.00	1486	51	129.19	170.0	67.2	67	119.1
	Dec 2018	479	7.8	638.71	1583	97	132.25	167.8	58.6	66	122.3
	Jan 2019	615	10.0	641.80	1666	83	134.43	210.6	76.6	83	124.5
	Feb 2019	588	10.6	641.80	1666	0	136.73	187.6	73.9	74	125.7
	Mar 2019	981	16.0	643.05	1700	34	137.26	190.8	122.1	75	124.5

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2017 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Apr 2016	689	11.6	448.89	597	28	83.09	120.0	48.4	100	70.3
H	May 2016	636	10.3	448.08	581	-15	82.13	120.0	45.1	100	70.9
I	Jun 2016	633	10.6	448.81	596	14	83.02	120.0	44.8	100	70.8
S	Jul 2016	617	10.0	449.03	600	4	83.16	120.0	43.7	100	70.9
T	Aug 2016	570	9.3	448.50	590	-10	82.60	120.0	40.2	100	70.7
O	Sep 2016	490	8.2	447.97	579	-10	82.24	120.0	34.7	100	70.9
	WY 2016	**6345**							**447.6**		
R	Oct 2016	466	7.6	446.90	559	-20	78.88	93.6	32.8	78	70.5
I	Nov 2016	374	6.3	446.33	549	-11	80.55	90.0	26.0	75	69.6
C	Dec 2016	271	4.4	447.64	573	24	83.20	117.6	17.9	98	65.9
A	Jan 2017	244	4.0	447.29	567	-6	81.95	93.9	16.2	78	66.5
L	Feb 2017	393	7.1	448.30	586	19	82.67	90.0	27.9	75	71.0
*	Mar 2017	687	11.2	447.83	577	-9	79.98	90.0	48.8	75	71.1
	Apr 2017	734	12.3	448.00	580	3	75.29	120.0	48.5	100	66.0
	May 2017	635	10.3	448.50	589	9	75.61	120.0	41.8	100	65.9
	Jun 2017	667	11.2	448.70	593	4	75.95	120.0	44.3	100	66.4
	Jul 2017	644	10.5	448.00	580	-13	75.71	120.0	42.5	100	66.0
	Aug 2017	570	9.3	447.50	571	-9	75.13	120.0	37.3	100	65.3
	Sep 2017	523	8.8	447.50	570	0	75.69	102.0	34.4	85	65.8
	WY 2017	**6208**							**418.5**		
	Oct 2017	499	8.1	447.50	571	0	74.97	118.1	32.4	98	64.9
	Nov 2017	418	7.0	447.50	571	0	75.93	97.0	27.3	81	65.4
	Dec 2017	351	5.7	446.50	552	-19	74.40	120.0	22.2	100	63.4
	Jan 2018	361	5.9	446.50	552	0	74.88	98.7	23.1	82	64.0
	Feb 2018	477	8.6	446.50	552	0	75.04	95.4	31.2	79	65.3
	Mar 2018	713	11.6	446.70	555	4	74.01	120.0	46.3	100	65.0
	Apr 2018	745	12.5	448.70	593	38	75.08	120.0	49.1	100	65.9
	May 2018	640	10.4	448.70	593	0	76.05	120.0	42.4	100	66.3
	Jun 2018	671	11.3	448.70	593	0	76.05	120.0	44.6	100	66.5
	Jul 2018	639	10.4	448.00	580	-13	75.71	120.0	42.2	100	66.0
	Aug 2018	573	9.3	447.50	571	-9	75.13	120.0	37.5	100	65.4
	Sep 2018	510	8.6	447.50	570	0	75.73	101.0	33.5	84	65.8
	WY 2018	**6598**							**431.9**		
	Oct 2018	486	7.9	447.50	571	0	75.01	117.1	31.5	98	64.9
	Nov 2018	390	6.5	447.50	571	0	75.83	99.0	25.3	83	65.0
	Dec 2018	326	5.3	446.50	552	-19	74.40	120.0	20.6	100	63.2
	Jan 2019	360	5.8	446.50	552	0	75.02	95.8	23.0	80	64.1
	Feb 2019	475	8.6	446.50	552	0	75.21	92.1	31.1	77	65.5
	Mar 2019	710	11.5	446.70	555	4	74.05	119.0	46.1	99	65.0

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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RECLAMATION
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April 2017 24-Month Study

Most Probable Inflow*

Upper Basin Power

	Date	Glen Canyon 1000 MWHR	Flaming Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Reservoir 1000 MWHR	Fontenelle Reservoir 1000 MWHR
*	Apr 2016	288	19	18	25	16	4
H	May 2016	305	20	38	61	21	7
I	Jun 2016	360	105	14	18	15	9
S	Jul 2016	435	46	34	40	22	6
T	Aug 2016	408	44	33	39	22	6
O	Sep 2016	315	42	30	36	20	3
	Summer 2016	**2111**	**276**	**166**	**218**	**116**	**34**
R	Oct 2016	269	33	26	33	19	0
I	Nov 2016	277	30	9	11	6	0
C	Dec 2016	395	41	10	11	6	0
A	Jan 2017	385	43	10	11	5	0
L	Feb 2017	307	43	13	19	10	0
*	Mar 2017	312	97	19	22	0	0
	Winter 2017	**1945**	**289**	**87**	**107**	**46**	**0**
	Apr 2017	245	102	17	25	15	7
	May 2017	264	106	62	110	23	6
	Jun 2017	317	103	46	65	22	8
	Jul 2017	366	64	41	48	23	10
	Aug 2017	388	53	34	40	21	10
	Sep 2017	288	51	32	38	20	6
	Summer 2017	**1869**	**480**	**232**	**326**	**125**	**46**
	Oct 2017	275	53	22	27	14	7
	Nov 2017	274	51	20	25	13	6
	Dec 2017	308	52	41	50	23	6
	Jan 2018	493	52	16	20	11	6
	Feb 2018	416	47	11	15	8	5
	Mar 2018	447	52	13	17	9	5
	Winter 2018	**2213**	**306**	**123**	**154**	**78**	**35**
	Apr 2018	402	50	16	23	13	6
	May 2018	401	70	41	60	23	6
	Jun 2018	427	69	20	31	21	8
	Jul 2018	490	36	33	40	22	10
	Aug 2018	521	36	40	47	23	10
	Sep 2018	388	35	36	43	22	6
	Summer 2018	**2630**	**296**	**186**	**244**	**124**	**46**
	Oct 2018	271	36	22	27	14	6
	Nov 2018	270	35	15	18	10	6
	Dec 2018	303	36	23	28	14	6
	Jan 2019	318	36	16	20	11	5
	Feb 2019	284	32	13	17	9	4
	Mar 2019	296	36	13	18	10	4
	Winter 2019	**1447**	**175**	**88**	**111**	**57**	**27**

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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RECLAMATION
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April 2017 24-Month Study

Most Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions

Date	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Total KAF	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****EFFECTIVE SPACE****										
Apr 2017	717	258	236	12958	14168	16670	30838	533	258	-35	756	12958	16670	30384	1500	954	0	30.5
May 2017	803	183	104	12194	13285	17005	30290	615	183	-185	613	12194	17005	29812	1500	898	0	32.3
Jun 2017	730	213	224	10041	11207	17281	28488	529	213	-98	643	10041	17281	27965	1500	826	0	34.5
Jul 2017	506	19	365	7979	8870	17421	26291	290	0	-3	288	7979	17421	25688	1500	791	0	34.9
								****CREDITABLE SPACE****										
Aug 2017	240	14	417	7790	8462	17385	25847	240	14	417	672	7790	17385	25847	1500	727	0	34.8
Sep 2017	226	45	450	8050	8772	17198	25969	226	45	450	722	8050	17198	25969	2270	798	0	34.4
Oct 2017	275	84	464	8207	9029	17294	26323	275	84	464	822	8207	17294	26323	3040	612	0	34.1
Nov 2017	332	107	454	8271	9165	17262	26427	332	107	454	894	8271	17262	26427	3810	771	0	33.8
Dec 2017	407	138	453	8361	9358	17377	26735	407	138	453	997	8361	17377	26735	4580	727	0	33.5
Jan 2018	514	249	454	8522	9739	17380	27119	514	249	454	1216	8522	17380	27119	5350	720	0	33.3
								****EFFECTIVE SPACE****										
Jan 2018	514	249	454	8522	9739	17380	27119	139	249	198	586	8522	17380	26488	5350	720	0	33.3
Feb 2018	616	277	467	9141	10501	16942	27443	240	277	211	729	9141	16942	26811	1500	611	0	33.1
Mar 2018	700	291	469	9642	11101	16524	27625	324	291	211	827	9642	16524	26992	1500	1039	0	32.8
Apr 2018	743	298	423	10047	11511	16488	27998	364	298	159	821	10047	16488	27356	1500	1099	0	32.7
May 2018	752	278	343	10104	11477	16635	28112	368	278	56	702	10104	16635	27441	1500	970	0	33.9
Jun 2018	708	205	334	8996	10244	16693	26937	314	205	9	528	8996	16693	26217	1500	867	0	35.4
Jul 2018	520	31	427	7790	8768	16638	25406	112	12	47	170	7790	16638	24598	1500	827	0	35.5
								****CREDITABLE SPACE****										
Aug 2018	426	19	441	7992	8878	16367	25245	426	19	441	886	7992	16367	25245	1500	770	0	35.2
Sep 2018	451	74	465	8616	9606	15923	25530	451	74	465	990	8616	15923	25530	2270	699	0	34.9
Oct 2018	503	145	470	9017	10135	15700	25835	503	145	470	1118	9017	15700	25835	3040	492	0	34.7
Nov 2018	550	180	466	9108	10302	15559	25862	550	180	466	1195	9108	15559	25862	3810	637	0	34.5
Dec 2018	597	197	470	9244	10508	15552	26060	597	197	470	1264	9244	15552	26060	4580	595	0	34.3
Jan 2019	662	246	481	9492	10881	15434	26316	662	246	481	1389	9492	15434	26316	5350	727	0	34.1
								****EFFECTIVE SPACE****										
Jan 2019	662	246	481	9492	10881	15434	26316	388	246	227	861	9492	15434	25788	5350	727	0	34.1
Feb 2019	721	275	494	9781	11271	15381	26652	446	275	239	960	9781	15381	26122	1500	614	0	33.9
Mar 2019	768	294	496	9997	11555	15287	26842	490	294	240	1024	9997	15287	26309	1500	1045	0	33.5

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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May 24-Month Study
Date: May 12, 2017

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

Reservoir	April Inflow (unregulated) (acre-feet)	Percent of Average (%)	May 10, Midnight Elevation (feet)	May 10, Midnight Reservoir Storage (acre-feet)
Fontenelle	225,000	343	6,468.66	113,000
Flaming Gorge	350,000	391	6,022.27	3,061,000
Blue Mesa	145,000	193	7,502.33	681,000
Navajo	235,000	185	6,087.24	1,737,000
Powell	1,607,000	167	3,606.92	12,422,000

Expected Operations

The operation of Lake Powell and Lake Mead in this May 2017 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines), and reflects the 2017 Annual Operating Plan (AOP). Pursuant to the Interim Guidelines, the August 2016 24-Month Study projections of the January 1, 2017, system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2017.

Consistent with Section 6.B of the Interim Guidelines, the Lake Powell operational tier for water year 2017 is the Upper Elevation Balancing Tier. With an 8.23 million acre-feet (maf) release from Lake Powell in water year 2017, the April 2017 24-Month Study projected the end of water year elevation at Lake Powell to be above 3,575 feet above sea level (feet) and the end of water year elevation at Lake Mead to be below 1,075 feet. Therefore, in accordance with Section 6.B.4 of the Interim Guidelines, Lake Powell operations shifted to balancing releases for the remainder of water year 2017. Under Section 6.B.4, the contents of Lake Powell and Lake Mead will be balanced by the end of the water year, but not more than 9.0 maf and not less than 8.23 maf shall be released from Lake Powell. Based on the most probable inflow forecast, this May 24-Month Study projects a balancing release of 9.0 maf in water year 2017; however, the actual release in water year 2017 will depend on hydrology in the remainder of water year and

will range from 8.23 to 9.0 maf. The projected release from Lake Powell in water year 2017 will be updated each month throughout the remainder of the water year.

Consistent with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar year 2017.

The Interim Guidelines are available for download at:
https://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The 2017 AOP is available for download at:
https://www.usbr.gov/uc/water/rsvrs/ops/aop/AOP17.pdf.

Fontenelle Reservoir – Fontenelle Reservoir is currently at elevation 6471 feet, which amounts to 37 percent of live storage capacity. Inflows for the month of April totaled 225,000 acre-feet (af), or 263 percent of average. Above average inflows are occurring and releases are being adjusted to keep the reservoir elevation low in anticipation of a large runoff. Releases are currently set at 7,000 cubic feet per second (cfs) as of May 10, 2017.

The Colorado Basin River Forecast Center has forecasted spring and summer inflows that are significantly above average. May, June and July forecasted inflow volumes amount to 435,000 af (266 percent of average), 640,000 af (211 percent of average), and 380,000 af (201 percent of average), respectively.

The next Fontenelle Working Group meeting is scheduled for 10:00 a.m., August 28, 2017. The meeting will be held at the Wyoming Game and Fish Department office in Green River, Wyoming. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir.

Flaming Gorge Reservoir – Releases are currently at full power plant capacity (~4,600 cfs) and full bypass capacity (4,000 cfs) for a total release of ~8,600 cfs, and are expected to remain at this level through June.

Unregulated inflow into Flaming Gorge Reservoir during the month of April was 350,000 af, or 263 percent of average. The reservoir elevation is 6,022.31 feet (82 percent of live capacity) and increasing.

The May final forecast for inflows for the next three months projects above average conditions: May, June and July forecasted inflow volumes at 640,000 af (261 percent of average), 810,000 af (208 percent of average), and 460,000 af (219 percent of average), respectively.

The May water supply forecast of the April through July unregulated inflow volume into Flaming Gorge Reservoir is 2.26 maf (231 percent of average). Current snowpack is 170

percent of median and we have received 119 percent of the season peak for the Upper Green Basin with additional storm systems anticipated over the next week.

The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stakeholders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations and plans presented by Reclamation at these meetings. Meeting notes from past Working Group meetings are posted on the Working Group webpage. For more information on this group and these meetings please contact Dale Hamilton at 801-379-1186 or Heather Patno at 801-524-3883.

Reclamation will be holding the Flaming Gorge Working Group meeting on Monday, August 14, 2017, at 7:00 p.m. at the Uinta Conference Center, 313 East 200 South, Vernal, Utah.

Aspinall Unit Reservoirs – Crystal Dam is currently releasing 1,900 cfs and the Uncompahgre Valley Water Users Association has started diverting water through the Gunnison Tunnel. Currently, tunnel diversions are near capacity at approximately 1000 cfs and the flows in the Black Canyon are approximately 900 cfs. Beginning on May 14, 2017, release from Aspinall will be increased in preparation for a peak release to meet the flow objectives of the Aspinall Record of Decision (2012). Releases from Aspinall will be managed to attempt to achieve a full bank flow of 14,350 cfs for at least 10 days inclusively with a half bank flow of 8,070 for at least 40 days. Releases from Aspinall are projected to be greater 10,000 cfs for several days during this operation. High releases from Aspinall, greater than 5,000 cfs, will likely continue into early June.

The April unregulated inflow to Blue Mesa Reservoir was 145,000 af (193 percent of average). The end of April reservoir elevation for Blue Mesa was 7,499.55 feet with live storage in Blue Mesa measuring approximately 657,600 af (79 percent full).

Unregulated Inflows to Blue Mesa for the next three months (May, June and July) are projected to be: 265,000 af (120 percent of average), 320,000 af (121 percent of average) and 120,000 af (103 percent of average), respectively. The April through July unregulated inflow forecast decreased from 930,000 af (138 percent of average) for April to 850,000 af (126 percent of average) for April. The April 24-Month Study is reflective of this new forecast.

The Aspinall Unit Working Group is an open public forum for information exchange between Reclamation and the stakeholders of the Aspinall Unit. The public is encouraged to attend and comments on the operations and plans presented by Reclamation at these meetings. Meeting notes from past working Group meetings are posted on the Working Group webpage. For more information on this group and these meetings please contact Erik Knight in the Grand Junction Area Office at (970) 248-0629.

The next meeting of the Aspinall Unit Working Group will be held on Thursday, August 17th, 2017 at 1:00 pm at the Elk Creek Visitor Center at Blue Mesa Reservoir.

Navajo Reservoir – As of May 3rd, 2017, Navajo reservoir elevation is 6078.4 feet (1.6 maf live storage) and is releasing 1260 cfs. The spring peak release is starting ramp-up on this date. Releases are made for the authorized purposes of the Navajo Unit, and pursuant to the 2006 Record of Decision, in an attempt to maintain a target base flow through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell). The San Juan River Basin Recovery Implementation Program (SJRIP) recommends a target base flow of between 500 cfs and 1,000 cfs through the critical habitat area. The target base flow is calculated as the weekly average of gaged flows throughout the critical habitat area.

Modified unregulated inflow for April for Navajo Reservoir was 236,000 af, which was 139% of average. Releases averaged 582 cfs and the total volume released in April was 34,650 af.

The most probable modified-unregulated inflow forecast for the next three months (May, June, July) are 250,000 af (88 percent of average), 170,000 af (76 percent of average) and 41,000 af (62 percent of average), respectively.

Under the current Most Probable April-July inflow forecast of 695,000 af (94 percent of average), Navajo has enough available water for a spring peak release of 35 days at 5,000 cfs. The ramp-up lasting 2-3 weeks began on May 3rd. Navajo releases are timed to match the peak on the Animas River.

Reclamation conducts Public Operations Meetings three times per year to gather input for determining upcoming operations for Navajo Reservoir. Input from individuals, organizations, and agencies along with other factors such as weather, water rights, endangered species requirements, flood control, hydro power, recreation, fish and wildlife management, and reservoir levels, will be considered in the development of these reservoir operation plans. In addition, the meetings are used to coordinate activities and exchange information among agencies, water users, and other interested parties concerning the San Juan River and Navajo Reservoir.

The next Navajo Public Operations Coordination Meeting is scheduled for August 22nd, 2017, at 1pm at the Farmington Civic Center, Farmington, NM.

Glen Canyon Dam / Lake Powell

Current Status

The unregulated inflow volume to Lake Powell in April was 1.61 maf (152 percent of average). The release volume from Glen Canyon Dam in April was 621 thousand acre-feet (kaf). The end of April elevation and storage of Lake Powell were 3,604 feet (96 feet from full pool) and 12.15 maf (50 percent of full capacity), respectively. The reservoir reached a seasonal low elevation on March 15th near elevation 3593.85 feet. Since that time the reservoir has been increasing as the first of the spring runoff is now entering the reservoir.

Current Operations

The operating tier for water year 2017 was established in August 2016 as the Upper Elevation Balancing Tier. The April 2017 24-Month Study established that Lake Powell operations will be governed by balancing for the remainder of water year 2017. Under balancing, the contents of Lake Powell and Lake Mead will be balanced by the end of the water year, but not more than 9.0 maf and not less than 8.23 maf shall be released from Lake Powell. Based on the most probable inflow forecast, this May 24-Month Study projects a balancing release of 9.0 maf in water year 2017; the actual release in water year 2017, however, will depend on hydrology in the remainder of water year and will range from 8.23 to 9.0 maf. The projected release from Lake Powell in water year 2017 will be updated each month throughout the remainder of the water year. Reclamation will schedule operations at Glen Canyon Dam to achieve as practicably as possible the appropriate total annual release volume by September 30, 2017.

In May, the release volume will be approximately 650 kaf, with fluctuations anticipated between about 7,000 cfs in the nighttime to about 13,000 cfs in the daytime and consistent with the Glen Canyon Operating Criteria (Federal Register, Volume 62, No. 41, March 3, 1997). The anticipated release volume for June is 750 kaf with daily fluctuations between approximately 9,000 cfs and 15,000 cfs. The expected release for July is 850 kaf with daily fluctuations between approximately 9,500 cfs and 17,500 cfs.

In addition to daily scheduled fluctuations for power generation, the instantaneous releases from Glen Canyon Dam may also fluctuate to provide 40 megawatts (mw) of system regulation. These instantaneous release adjustments stabilize the electrical generation and transmission system and translate to a range of about 1,200 cfs above or below the hourly scheduled release rate. Under system normal conditions, fluctuations for regulation are typically short lived and generally balance out over the hour with minimal or no noticeable impacts on downstream river flow conditions.

Releases from Glen Canyon Dam can also fluctuate beyond scheduled releases when called upon to respond to unscheduled power outages or power system emergencies. Depending on the severity of the system emergency, the response from Glen Canyon Dam can be significant, within the full range of the operating capacity of the power plant for as long as is necessary to maintain balance in the transmission system. Glen Canyon Dam currently maintains 27 mw (approximately 800 cfs) of generation capacity in reserve in order to respond to a system emergency even when generation rates are already high. System emergencies occur fairly infrequently and typically require small responses from Glen Canyon Dam. However, these responses can have a noticeable impact on the river downstream of Glen Canyon Dam.

Inflow Forecasts and Model Projections

The April through July 2017 water supply forecast for unregulated inflow to Lake Powell, issued on May 3, 2017, by the Colorado Basin River Forecast Center, projects that the most probable (median) unregulated inflow volume will be 8.8 maf (123 percent of average based on the period 1981-2010). The forecast decreased by 500 kaf since last

month. At this point in the season, there is still uncertainty regarding this year's water supply and the total inflow to Lake Powell. The spring runoff forecast ranges from a minimum probable of 7.2 maf (101 percent of average) to a maximum probable of 11.0 maf (154 percent of average). There is 10 percent chance that inflows could be higher than the maximum probable and a 10 percent chance they could be lower than the minimum probable.

As determined in the August 2016 24-Month Study, and documented in the 2017 Annual Operating Plan, Lake Powell's operations in water year 2017 will be governed by the Upper Elevation Balancing Tier. Starting with an 8.23 maf release from Lake Powell in water year 2017, the April 2017 24-Month Study projected the end of water year elevation at Lake Powell to be above 3,575 feet and the end of water year elevation at Lake Mead to be below 1,075 feet. Therefore, in accordance with Section 6.B.4 of the Interim Guidelines, Lake Powell operations shifted to balancing releases for the remainder of water year 2017. Under balancing, the contents of Lake Powell and Lake Mead will be balanced by the end of the water year, but not more than 9.0 maf and not less than 8.23 maf shall be released from Lake Powell.

Based on the May most probable inflow forecast, the annual release volume from Lake Powell during water year 2017 is projected to be 9.0 maf. Under the minimum probable inflow scenario, the water year release is projected to be 9.0 maf. Under the maximum probable inflow scenario, the release is projected to be 9.0 maf. There is 10 percent chance that inflows will be lower than the current minimum probable forecast, potentially resulting in lower releases. If inflows are less than the minimum probable forecast, the water year 2017 annual release could be as low as 8.23 maf. If inflows are greater than the current forecasted maximum probable inflow, the annual release will be 9.0 maf. The projected release from Lake Powell in water year 2017 will be updated each month throughout the remainder of the water year.

Based on the current forecast, the May 24-Month Study projects Lake Powell elevation will end water year 2017 near 3,638 feet with approximately 15.72 maf in storage (65 percent capacity). Projections of elevation and storage still have significant uncertainty at this point in the season, primarily due to uncertainty regarding spring runoff and the resulting inflow to Lake Powell. Under the minimum probable inflow scenario, updated in April, the projected end of water year elevation and storage are 3,625 feet and 14.25 maf (59 percent capacity), respectively. Under the maximum probable inflow scenario, updated in April, the projected end of water year elevation and storage are 3661 feet and 18.62 maf (77 percent capacity), respectively. Modeling of projected reservoir operations based on the minimum and maximum scenarios will be updated again in August.

Upper Colorado River Basin Hydrology

The Upper Colorado River Basin regularly experiences significant year to year hydrologic variability. During the 17-year period 2000 to 2016, however, the unregulated inflow to Lake Powell, which is a good measure of hydrologic conditions in the Colorado River Basin, was above average in only 3 out of the past 17 years. The

period 2000-2016 is the lowest 17-year period since the closure of Glen Canyon Dam in 1963, with an average unregulated inflow of 8.57 maf, or 79 percent of the 30-year average (1981-2010). (For comparison, the 1981-2010 total water year average is 10.83 maf.) The unregulated inflow during the 2000-2016 period has ranged from a low of 2.64 maf (24 percent of average) in water year 2002 to a high of 15.97 maf (147 percent of average) in water year 2011. In water year 2016 unregulated inflow volume to Lake Powell was 9.62 maf (89 percent of average), which, though still below average, was significantly higher than inflows observed in 2012 and 2013 (45 percent and 47 percent of average, respectively). Under the current most probable forecast, the total water year 2017 unregulated inflow to Lake Powell is projected to be 12.93 maf (119 percent of average).

At the beginning of water year 2017, total system storage in the Colorado River Basin was 30.2 maf (51 percent of 59.6 maf total system capacity). This is nearly the same as the total storage at the beginning of water years 2015 and 2016 which began at 30.1 maf and 30.3 maf, respectively, both of which were 51 percent of capacity. Since the beginning of water year 2000, total Colorado Basin storage has experienced year to year increases and decreases in response to wet and dry hydrology, ranging from a high of 94 percent of capacity at the beginning of 2000 to a low of 50 percent of capacity at the beginning of water year 2005. One wet year can significantly increase total system reservoir storage, just as persistent dry years can draw down the system storage. Based on current inflow forecasts, the current projected end of water year total Colorado Basin reservoir storage for water year 2017 is approximately 33.8 maf (57 percent of total system capacity). The actual end of water year 2017 system storage may vary from this projection, primarily due to uncertainty regarding the season's snowpack and resulting runoff and reservoir inflow. Based on the April minimum and maximum probable inflow forecasts and modeling, the range of end of water year 2017 total system capacity is approximately 32.47 maf (54 percent) to 37.0 maf (62 percent), respectively.

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-430
125 SOUTH STATE STREET, ROOM 6107
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-3709

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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:	Obs			apr	Forecast			Outlook	
:	jan	feb	mar	apr	%Avg	may	jun	jul	apr-jul %Avg
GLDA3:Lake Powell	359	555	1112	1607	152%:	2900/	3100/	1190/	8800/: 123%
GBRW4:Fontenelle	45	51	180	225	263%:	435/	640/	380/	1680/: 232%
GRNU1:Flaming Gorge	49	106	400	350	263%:	640/	810/	460/	2260/: 231%
BMDC2:Blue Mesa	29	28	70	145	188%:	265/	320/	120/	850/: 126%
MPSC2:Morrow Point	30	29	74	157	178%:	295/	345/	123/	920/: 124%
CLSC2:Crystal	35	34	81	167	166%:	340/	380/	138/	1025/: 123%
TPIC2:Taylor Park	5.5	4.2	5.7	13.0	148%:	32/	47/	19/	111/: 112%
VCRC2:Vallecito	6.8	7.3	24	45	193%:	71/	65/	24/	205/: 106%
NVRN5:Navajo	34	55	176	234	137%:	250/	170/	41/	695/: 95%
LEMC2:Lemon	1.06	1.14	4.1	9.8	174%:	20/	18/	5/	53/: 96%
MPHC2:McPhee	5.1	8.4	57	96	133%:	135/	84/	20/	335/: 114%
RBSC2:Ridgway	4.5	4.5	7.8	11.9	111%:	29/	41/	20/	102/: 101%

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2017 24-Month Study

Most Probable Inflow*

Fontenelle Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	May 2016	186	2	86	20	106	6493.63	252
H	Jun 2016	293	2	101	143	243	6500.14	299
I	Jul 2016	80	3	73	3	76	6500.25	300
S	Aug 2016	29	2	65	0	65	6495.03	262
T	Sep 2016	26	2	36	21	58	6490.22	229
	WY 2016	**943**	**15**	**739**	**213**	**952**		
O	Oct 2016	57	1	0	57	57	6490.08	228
R	Nov 2016	62	1	0	59	59	6490.44	230
I	Dec 2016	37	1	0	63	63	6486.33	203
C	Jan 2017	45	1	0	63	63	6483.20	184
A	Feb 2017	51	1	0	57	57	6482.06	178
L	Mar 2017	180	1	0	150	150	6486.90	207
*	Apr 2017	225	1	0	304	304	6472.17	128
	May 2017	435	1	99	280	380	6482.76	182
	Jun 2017	640	2	104	372	476	6505.80	344
	Jul 2017	380	3	98	286	384	6504.91	337
	Aug 2017	145	2	101	84	185	6499.41	294
	Sep 2017	85	2	99	0	99	6497.25	279
	WY 2017	**2342**	**15**	**503**	**1775**	**2278**		
	Oct 2017	76	1	74	0	74	6497.43	280
	Nov 2017	54	1	71	0	71	6494.92	262
	Dec 2017	32	1	74	0	74	6488.62	219
	Jan 2018	30	1	74	0	74	6481.50	175
	Feb 2018	28	1	67	0	67	6473.75	136
	Mar 2018	53	0	74	0	74	6468.80	114
	Apr 2018	85	1	89	0	89	6467.72	110
	May 2018	164	1	98	7	105	6480.18	168
	Jun 2018	299	2	102	69	171	6499.31	294
	Jul 2018	178	3	101	28	129	6505.22	339
	Aug 2018	77	2	92	0	92	6502.94	321
	Sep 2018	46	2	68	0	68	6499.84	298
	WY 2018	**1121**	**15**	**984**	**104**	**1087**		
	Oct 2018	49	1	70	0	70	6496.76	275
	Nov 2018	42	1	68	0	68	6493.03	249
	Dec 2018	32	1	70	0	70	6487.18	210
	Jan 2019	30	1	70	0	70	6480.45	169
	Feb 2019	28	1	63	0	63	6473.20	133
	Mar 2019	53	0	70	0	70	6469.09	115
	Apr 2019	85	1	89	0	89	6468.02	111

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3035

Processed On: 5/10/2017 11:22:16AM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2017 24-Month Study

Most Probable Inflow*

Flaming Gorge Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	May 2016	362	282	8	52	0	52	138	6032.01	3427	701
H	Jun 2016	455	405	11	270	198	469	135	6030.17	3356	965
I	Jul 2016	91	88	13	116	4	120	133	6029.03	3312	220
S	Aug 2016	28	64	13	110	0	110	131	6027.55	3255	133
T	Sep 2016	36	67	11	107	0	107	129	6026.27	3207	128
	WY 2016	**1427**	**1437**	**80**	**1406**	**203**	**1609**				**3435**
O	Oct 2016	70	70	7	85	0	85	128	6025.69	3186	119
R	Nov 2016	73	70	4	77	0	77	128	6025.41	3175	112
I	Dec 2016	35	61	2	106	0	106	126	6024.19	3130	136
C	Jan 2017	49	67	2	110	0	110	124	6023.01	3087	155
A	Feb 2017	106	112	2	109	0	109	124	6023.03	3088	189
L	Mar 2017	400	370	3	256	26	282	128	6025.25	3169	408
*	Apr 2017	350	428	5	268	244	511	124	6022.93	3084	745
	May 2017	640	585	7	290	239	529	126	6024.21	3131	979
	Jun 2017	810	646	10	281	231	512	131	6027.42	3250	852
	Jul 2017	460	464	14	175	0	175	141	6034.24	3516	243
	Aug 2017	175	215	13	142	0	142	144	6035.67	3573	162
	Sep 2017	100	114	12	137	0	137	142	6034.83	3540	152
	WY 2017	**3267**	**3202**	**81**	**2036**	**740**	**2776**				**4253**
	Oct 2017	91	89	8	142	0	142	140	6033.36	3481	170
	Nov 2017	65	82	4	137	0	137	138	6031.94	3424	167
	Dec 2017	35	77	2	142	0	142	135	6030.28	3360	167
	Jan 2018	40	84	2	142	0	142	133	6028.78	3302	167
	Feb 2018	45	84	2	128	0	128	131	6027.59	3257	156
	Mar 2018	102	124	3	142	0	142	130	6027.04	3236	219
	Apr 2018	134	137	5	137	0	137	130	6026.91	3231	353
	May 2018	245	186	8	191	0	191	130	6026.57	3219	723
	Jun 2018	390	262	10	187	0	187	132	6028.20	3280	608
	Jul 2018	210	162	14	98	0	98	134	6029.45	3328	198
	Aug 2018	89	104	13	98	0	98	134	6029.28	3322	124
	Sep 2018	55	77	11	95	0	95	133	6028.55	3293	114
	WY 2018	**1500**	**1466**	**80**	**1642**	**0**	**1642**				**3166**
	Oct 2018	59	81	7	98	0	98	132	6027.91	3269	131
	Nov 2018	51	77	3	95	0	95	131	6027.36	3248	127
	Dec 2018	35	73	2	98	0	98	130	6026.66	3222	124
	Jan 2019	40	80	2	98	0	98	129	6026.15	3203	123
	Feb 2019	45	80	2	89	0	89	128	6025.87	3192	117
	Mar 2019	102	120	3	98	0	98	129	6026.34	3210	175
	Apr 2019	134	137	5	95	0	95	131	6027.30	3246	310

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2017 24-Month Study

Most Probable Inflow*

Taylor Park Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	May 2016	17	11	9314.16	77
H	Jun 2016	41	20	9325.34	97
I	Jul 2016	11	21	9320.04	87
S	Aug 2016	9	16	9315.75	79
T	Sep 2016	6	14	9310.77	71
	WY 2016	**125**	**125**		
O	Oct 2016	5	6	9310.23	70
R	Nov 2016	4	5	9309.76	70
I	Dec 2016	5	5	9309.56	69
C	Jan 2017	6	5	9309.76	70
A	Feb 2017	4	5	9309.43	69
L	Mar 2017	6	6	9309.23	69
*	Apr 2017	13	8	9312.04	73
	May 2017	30	10	9323.15	93
	Jun 2017	47	30	9330.00	106
	Jul 2017	21	26	9327.52	101
	Aug 2017	11	23	9321.30	89
	Sep 2017	9	18	9316.25	80
	WY 2017	**160**	**147**		
	Oct 2017	8	8	9316.19	80
	Nov 2017	5	6	9315.62	79
	Dec 2017	5	6	9314.85	78
	Jan 2018	4	6	9313.87	76
	Feb 2018	4	6	9312.55	74
	Mar 2018	4	6	9311.60	72
	Apr 2018	9	6	9313.27	75
	May 2018	28	20	9318.09	84
	Jun 2018	42	22	9328.52	103
	Jul 2018	20	22	9327.58	101
	Aug 2018	10	20	9322.55	92
	Sep 2018	7	16	9317.82	83
	WY 2018	**147**	**144**		
	Oct 2018	7	8	9317.06	82
	Nov 2018	5	6	9316.55	81
	Dec 2018	5	6	9315.79	79
	Jan 2019	4	6	9314.83	78
	Feb 2019	4	6	9313.52	76
	Mar 2019	4	6	9312.58	74
	Apr 2019	9	6	9314.23	77

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2017 24-Month Study

Most Probable Inflow*

Blue Mesa Reservoir

	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	May 2016	161	155	1	134	19	153	7488.74	572
H	Jun 2016	285	265	1	46	0	46	7514.84	788
I	Jul 2016	81	91	2	112	0	112	7512.31	766
S	Aug 2016	57	65	1	110	0	110	7506.94	720
T	Sep 2016	38	46	1	100	0	100	7500.48	665
	WY 2016	**881**	**882**	**9**	**913**	**19**	**934**		
O	Oct 2016	32	33	1	90	0	90	7493.44	608
R	Nov 2016	26	27	0	33	0	33	7492.53	601
I	Dec 2016	26	26	0	35	0	35	7491.43	593
C	Jan 2017	29	28	0	34	0	34	7490.68	587
A	Feb 2017	28	29	0	44	1	44	7488.71	571
L	Mar 2017	70	70	0	69	0	70	7488.71	571
*	Apr 2017	145	140	1	53	0	53	7499.55	658
	May 2017	265	245	1	207	130	337	7487.83	565
	Jun 2017	320	302	1	200	40	239	7495.69	626
	Jul 2017	120	125	1	87	0	87	7500.17	663
	Aug 2017	64	76	1	95	0	95	7497.68	642
	Sep 2017	47	56	1	80	0	80	7494.53	617
	WY 2017	**1172**	**1159**	**8**	**1028**	**171**	**1199**		
	Oct 2017	44	44	1	49	0	49	7493.91	612
	Nov 2017	34	35	0	38	0	38	7493.40	608
	Dec 2017	26	27	0	61	0	61	7489.05	574
	Jan 2018	24	26	0	55	0	55	7485.29	545
	Feb 2018	22	25	0	38	0	38	7483.48	532
	Mar 2018	36	38	0	44	0	44	7482.59	525
	Apr 2018	77	74	1	54	0	54	7485.23	545
	May 2018	221	213	1	139	0	139	7494.57	617
	Jun 2018	261	241	1	66	0	66	7515.20	792
	Jul 2018	117	119	2	105	0	105	7516.52	804
	Aug 2018	63	73	1	127	0	127	7510.33	749
	Sep 2018	38	47	1	117	0	117	7501.97	678
	WY 2018	**964**	**961**	**9**	**892**	**0**	**892**		
	Oct 2018	38	40	1	74	0	74	7497.75	643
	Nov 2018	31	32	0	49	0	49	7495.64	626
	Dec 2018	26	27	0	76	0	76	7489.40	577
	Jan 2019	24	26	0	55	0	55	7485.65	548
	Feb 2019	22	25	0	44	0	44	7483.09	529
	Mar 2019	36	38	0	45	0	45	7482.04	521
	Apr 2019	77	74	1	55	0	55	7484.53	540

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3035

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2017 24-Month Study

Most Probable Inflow*

Morrow Point Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	May 2016	176	153	15	168	176	4	180	7136.53	99
H	Jun 2016	302	46	18	64	52	0	52	7152.31	111
I	Jul 2016	83	112	2	114	113	0	113	7153.43	112
S	Aug 2016	58	110	1	111	111	0	111	7153.88	112
T	Sep 2016	39	100	1	100	103	0	103	7150.03	109
	WY 2016	**931**	**934**	**49**	**983**	**972**	**5**	**978**		
O	Oct 2016	33	90	1	91	93	0	93	7146.55	106
R	Nov 2016	28	33	2	36	32	0	35	7147.39	107
I	Dec 2016	27	35	1	36	34	0	34	7150.44	109
C	Jan 2017	30	34	2	36	33	0	33	7153.75	112
A	Feb 2017	29	44	1	45	55	0	55	7140.48	102
L	Mar 2017	74	70	5	74	64	0	68	7148.96	108
*	Apr 2017	157	53	12	66	65	0	65	7149.64	109
	May 2017	295	337	30	367	305	59	364	7153.73	112
	Jun 2017	345	239	25	264	264	0	264	7153.73	112
	Jul 2017	123	87	3	90	90	0	90	7153.73	112
	Aug 2017	68	95	4	99	99	0	99	7153.73	112
	Sep 2017	50	80	3	83	83	0	83	7153.73	112
	WY 2017	**1261**	**1199**	**89**	**1287**	**1219**	**59**	**1284**		
	Oct 2017	47	49	3	52	52	0	52	7153.73	112
	Nov 2017	36	38	2	41	41	0	41	7153.73	112
	Dec 2017	28	61	2	63	63	0	63	7153.73	112
	Jan 2018	27	55	2	57	57	0	57	7153.73	112
	Feb 2018	25	38	3	40	40	0	40	7153.73	112
	Mar 2018	40	44	4	48	48	0	48	7153.73	112
	Apr 2018	88	54	11	65	65	0	65	7153.73	112
	May 2018	247	139	26	165	165	0	165	7153.73	112
	Jun 2018	281	66	20	86	86	0	86	7153.73	112
	Jul 2018	123	105	6	112	112	0	112	7153.73	112
	Aug 2018	67	127	3	130	130	0	130	7153.73	112
	Sep 2018	41	117	3	119	119	0	119	7153.73	112
	WY 2018	**1049**	**892**	**85**	**977**	**977**	**0**	**977**		
	Oct 2018	41	74	3	76	76	0	76	7153.73	112
	Nov 2018	33	49	2	51	51	0	51	7153.73	112
	Dec 2018	28	76	2	78	78	0	78	7153.73	112
	Jan 2019	27	55	2	57	57	0	57	7153.73	112
	Feb 2019	25	44	3	46	46	0	46	7153.73	112
	Mar 2019	40	45	4	49	49	0	49	7153.73	112
	Apr 2019	88	55	11	66	66	0	66	7153.73	112

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3035

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2017 24-Month Study

Most Probable Inflow*

Crystal Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
*	May 2016	194	180	18	198	109	64	197	6753.13	17	51	154
H	Jun 2016	344	52	41	93	74	20	93	6752.00	17	43	53
I	Jul 2016	89	113	6	119	117	2	119	6750.04	16	64	58
S	Aug 2016	62	111	4	114	114	0	114	6749.30	16	62	53
T	Sep 2016	42	103	3	106	106	1	107	6747.05	15	59	47
	WY 2016	**1034**	**978**	**103**	**1081**	**811**	**243**	**1080**			**384**	**724**
O	Oct 2016	37	93	4	97	97	0	97	6747.92	15	57	39
R	Nov 2016	31	35	3	38	37	0	37	6750.47	16	1	36
I	Dec 2016	31	34	4	38	36	1	37	6751.45	17	0	37
C	Jan 2017	35	33	4	37	36	2	37	6750.29	16	1	37
A	Feb 2017	34	55	4	59	56	4	60	6749.56	16	0	60
L	Mar 2017	81	68	6	74	0	73	73	6752.06	17	8	66
*	Apr 2017	167	65	10	75	31	44	75	6751.65	17	39	37
	May 2017	340	364	45	409	135	274	409	6753.04	17	55	354
	Jun 2017	380	264	35	299	130	170	299	6753.04	17	60	239
	Jul 2017	138	90	15	105	105	0	105	6753.04	17	65	40
	Aug 2017	74	99	6	105	105	0	105	6753.04	17	65	40
	Sep 2017	57	83	7	90	90	0	90	6753.04	17	55	35
	WY 2017	**1404**	**1284**	**144**	**1428**	**858**	**568**	**1426**			**407**	**1021**
	Oct 2017	54	52	7	58	58	0	58	6753.04	17	30	28
	Nov 2017	41	41	5	46	46	0	46	6753.04	17	0	46
	Dec 2017	32	63	5	68	68	0	68	6753.04	17	0	68
	Jan 2018	31	57	5	61	61	0	61	6753.04	17	0	61
	Feb 2018	29	40	4	44	44	0	44	6753.04	17	0	44
	Mar 2018	46	48	6	54	54	0	54	6753.04	17	5	49
	Apr 2018	101	65	12	77	77	0	77	6753.04	17	30	47
	May 2018	281	165	34	199	134	65	199	6753.04	17	55	144
	Jun 2018	315	86	34	119	119	0	119	6753.04	17	60	59
	Jul 2018	138	112	14	126	126	0	126	6753.04	17	65	61
	Aug 2018	75	130	8	138	134	4	138	6753.04	17	65	73
	Sep 2018	47	119	6	126	126	0	126	6753.04	17	55	71
	WY 2018	**1190**	**977**	**140**	**1118**	**1048**	**69**	**1118**			**365**	**753**
	Oct 2018	47	76	6	82	82	0	82	6753.04	17	30	52
	Nov 2018	38	51	5	56	56	0	56	6753.04	17	0	56
	Dec 2018	32	78	5	83	83	0	83	6753.04	17	0	83
	Jan 2019	31	57	5	61	61	0	61	6753.04	17	0	61
	Feb 2019	29	46	4	50	50	0	50	6753.04	17	0	50
	Mar 2019	46	49	6	55	55	0	55	6753.04	17	5	50
	Apr 2019	101	66	12	79	79	0	79	6753.04	17	30	49

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2017 24-Month Study

Most Probable Inflow*

Vallecito Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	May 2016	60	44	7663.23	121
H	Jun 2016	77	73	7664.30	124
I	Jul 2016	17	38	7656.15	102
S	Aug 2016	15	33	7648.82	84
T	Sep 2016	14	27	7643.21	71
	WY 2016	**269**	**270**		
O	Oct 2016	11	8	7644.63	74
R	Nov 2016	6	2	7646.51	79
I	Dec 2016	6	2	7647.98	82
C	Jan 2017	7	5	7648.89	84
A	Feb 2017	7	15	7645.42	76
L	Mar 2017	24	24	7645.75	77
*	Apr 2017	45	35	7649.82	87
	May 2017	71	37	7663.20	121
	Jun 2017	65	61	7664.63	124
	Jul 2017	24	42	7657.76	106
	Aug 2017	17	38	7649.19	85
	Sep 2017	14	30	7642.22	69
	WY 2017	**298**	**297**		
	Oct 2017	14	17	7640.45	65
	Nov 2017	8	2	7643.35	72
	Dec 2017	6	2	7645.31	76
	Jan 2018	5	2	7646.82	79
	Feb 2018	5	2	7648.09	82
	Mar 2018	9	2	7650.84	89
	Apr 2018	23	2	7659.27	110
	May 2018	71	58	7664.05	123
	Jun 2018	70	70	7663.92	123
	Jul 2018	29	42	7658.91	109
	Aug 2018	20	38	7651.58	91
	Sep 2018	17	30	7646.32	78
	WY 2018	**278**	**265**		
	Oct 2018	16	17	7645.55	77
	Nov 2018	9	2	7648.50	83
	Dec 2018	6	2	7650.35	88
	Jan 2019	5	2	7651.79	91
	Feb 2019	5	2	7652.99	94
	Mar 2019	9	2	7655.61	101
	Apr 2019	23	6	7662.05	117

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3035

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2017 24-Month Study

Most Probable Inflow*

Navajo Reservoir

	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azetea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Farmington Flow (1000 Ac-Ft)
*	May 2016	209	28	165	4	12	91	6074.87	1549	158
H	Jun 2016	214	35	174	5	25	250	6067.29	1443	387
I	Jul 2016	24	4	40	5	37	79	6061.29	1364	105
S	Aug 2016	30	4	45	4	33	35	6059.16	1337	56
T	Sep 2016	21	1	33	3	27	30	6056.98	1310	41
	WY 2016	**863**	**96**	**769**	**29**	**169**	**653**			**1066**
O	Oct 2016	27	0	24	2	5	27	6056.19	1300	46
R	Nov 2016	24	0	19	1	0	22	6055.87	1296	43
I	Dec 2016	25	0	22	1	0	20	6055.92	1297	39
C	Jan 2017	34	0	31	1	0	22	6056.65	1306	38
A	Feb 2017	55	1	62	1	1	26	6059.31	1339	48
L	Mar 2017	176	17	159	2	6	30	6068.54	1460	89
*	Apr 2017	235	33	192	3	19	33	6078.18	1598	132
	May 2017	250	46	170	4	28	251	6070.24	1484	411
	Jun 2017	170	41	125	4	41	273	6055.39	1290	419
	Jul 2017	41	8	51	4	45	43	6052.02	1249	99
	Aug 2017	31	2	50	3	38	34	6049.89	1224	69
	Sep 2017	32	1	47	3	21	29	6049.43	1219	58
	WY 2017	**1100**	**148**	**951**	**27**	**205**	**810**			**1491**
	Oct 2017	39	2	41	2	7	22	6050.31	1229	48
	Nov 2017	31	1	23	1	-1	21	6050.51	1232	38
	Dec 2017	25	0	20	1	-1	22	6050.43	1231	37
	Jan 2018	22	0	18	1	0	22	6050.11	1227	35
	Feb 2018	30	0	27	1	0	19	6050.69	1234	32
	Mar 2018	92	3	83	2	5	22	6055.23	1288	44
	Apr 2018	170	16	133	2	21	21	6062.31	1378	73
	May 2018	277	38	226	4	35	192	6061.96	1373	338
	Jun 2018	224	31	192	4	51	238	6053.88	1272	389
	Jul 2018	66	6	73	4	56	27	6052.74	1258	94
	Aug 2018	45	1	62	3	47	34	6050.88	1236	72
	Sep 2018	43	1	55	3	26	26	6050.87	1236	59
	WY 2018	**1064**	**98**	**953**	**26**	**247**	**663**			**1259**
	Oct 2018	47	2	47	2	10	22	6052.05	1250	50
	Nov 2018	34	1	26	1	0	21	6052.39	1254	39
	Dec 2018	25	0	20	1	0	22	6052.25	1252	37
	Jan 2019	22	0	18	1	0	22	6051.94	1249	35
	Feb 2019	30	0	27	1	0	19	6052.51	1255	32
	Mar 2019	92	2	83	2	5	22	6057.00	1310	44
	Apr 2019	170	15	138	2	21	21	6064.37	1404	73

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2017 24-Month Study

Most Probable Inflow*

Lake Powell

	Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry Gage (1000 Ac-Ft)
*	May 2016	2294	1925	26	700	0	700	3603.87	5024	12123	709
H	Jun 2016	2907	2618	46	800	0	800	3620.01	5155	13764	807
I	Jul 2016	595	804	58	950	0	950	3618.22	5140	13576	963
S	Aug 2016	253	432	56	900	0	900	3613.55	5101	13091	914
T	Sep 2016	281	461	50	699	0	699	3610.93	5080	12824	712
	WY 2016	**9616**	**9909**	**378**	**9000**	**0**	**9000**				**9117**
O	Oct 2016	381	477	35	601	0	601	3609.48	5068	12678	610
R	Nov 2016	383	389	33	624	126	750	3605.81	5039	12313	754
I	Dec 2016	300	366	26	898	0	898	3600.49	4997	11797	913
C	Jan 2017	359	415	8	880	0	880	3595.86	4962	11359	900
A	Feb 2017	555	565	8	711	0	711	3594.33	4951	11217	720
L	Mar 2017	1112	895	14	722	0	722	3595.91	4963	11364	730
*	Apr 2017	1607	1492	23	621	0	621	3604.14	5026	12149	629
	May 2017	2900	2933	30	646	0	646	3624.43	5193	14239	652
	Jun 2017	3100	2906	53	750	0	750	3641.55	5349	16187	756
	Jul 2017	1190	926	67	850	0	850	3641.62	5349	16195	865
	Aug 2017	600	641	66	900	0	900	3639.07	5325	15894	914
	Sep 2017	450	539	60	670	0	670	3637.57	5311	15717	679
	WY 2017	**12937**	**12545**	**421**	**8874**	**126**	**9000**				**9122**
	Oct 2017	547	594	41	640	0	640	3636.87	5305	15637	646
	Nov 2017	489	557	40	640	0	640	3635.89	5296	15523	644
	Dec 2017	363	501	31	720	0	720	3633.87	5277	15291	726
	Jan 2018	361	493	10	1090	0	1090	3628.89	5232	14729	1096
	Feb 2018	393	482	10	960	0	960	3624.78	5196	14276	962
	Mar 2018	665	650	17	1020	0	1020	3621.45	5167	13918	1025
	Apr 2018	1056	923	27	900	0	900	3621.42	5167	13915	908
	May 2018	2343	2195	33	900	0	900	3632.05	5260	15084	906
	Jun 2018	2666	2365	54	950	0	950	3642.86	5361	16344	956
	Jul 2018	1091	990	67	1070	0	1070	3641.72	5350	16207	1085
	Aug 2018	500	610	66	1150	0	1150	3636.95	5305	15646	1164
	Sep 2018	408	537	59	846	0	846	3634.00	5278	15305	855
	WY 2018	**10882**	**10896**	**455**	**10886**	**0**	**10886**				**10972**
	Oct 2018	512	573	40	640	0	640	3633.13	5270	15206	646
	Nov 2018	473	523	39	640	0	640	3631.85	5259	15061	644
	Dec 2018	363	473	31	720	0	720	3629.57	5238	14804	726
	Jan 2019	361	449	10	760	0	760	3626.89	5214	14508	766
	Feb 2019	393	448	10	680	0	680	3624.84	5196	14283	682
	Mar 2019	665	607	17	710	0	710	3623.82	5187	14172	715
	Apr 2019	1056	881	27	640	0	640	3625.64	5203	14371	648

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2017 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Glen Release (1000 Ac-Ft)	Side Inflow Glen to Hoover (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	May 2016	700	50	43	887	14.4	22	885	618	1073.80	9504
H	Jun 2016	800	14	51	920	15.5	28	919	606	1071.64	9330
I	Jul 2016	950	70	64	831	13.5	30	830	612	1072.75	9419
S	Aug 2016	900	107	69	701	11.4	28	700	625	1075.17	9615
T	Sep 2016	699	88	57	702	11.8	22	701	625	1075.23	9620
	WY 2016	**9000**	**798**	**531**	**9293**		**224**	**9282**			
O	Oct 2016	601	78	42	518	8.4	23	517	631	1076.34	9710
R	Nov 2016	750	77	42	751	12.6	16	750	632	1076.55	9727
I	Dec 2016	898	63	36	542	8.8	8	536	655	1080.82	10079
C	Jan 2017	880	128	30	500	8.1	7	494	684	1086.08	10521
A	Feb 2017	711	148	28	488	8.8	5	487	704	1089.78	10838
L	Mar 2017	722	97	32	911	14.8	16	910	696	1088.26	10707
*	Apr 2017	621	94	39	961	16.1	21	960	677	1084.89	10420
	May 2017	646	26	44	928	15.1	29	928	657	1081.21	10111
	Jun 2017	750	10	53	852	14.3	29	852	647	1079.24	9948
	Jul 2017	850	77	66	766	12.5	32	766	650	1079.95	10007
	Aug 2017	900	127	71	772	12.6	30	772	660	1081.69	10151
	Sep 2017	670	110	58	759	12.8	27	759	656	1080.96	10091
	WY 2017	**9000**	**1036**	**541**	**8748**		**245**	**8731**			
	Oct 2017	640	71	42	609	9.9	23	609	658	1081.37	10125
	Nov 2017	640	65	42	755	12.7	14	755	652	1080.16	10024
	Dec 2017	720	51	36	716	11.6	11	716	652	1080.24	10031
	Jan 2018	1090	64	30	728	11.8	7	728	676	1084.60	10396
	Feb 2018	960	72	28	658	11.8	8	658	696	1088.33	10714
	Mar 2018	1020	46	32	1028	16.7	16	1028	696	1088.22	10704
	Apr 2018	900	39	39	1106	18.6	23	1106	682	1085.69	10488
	May 2018	900	26	45	953	15.5	29	953	676	1084.58	10394
	Jun 2018	950	10	54	850	14.3	29	850	677	1084.88	10420
	Jul 2018	1070	77	68	807	13.1	32	807	692	1087.54	10646
	Aug 2018	1150	127	73	758	12.3	30	758	717	1092.06	11035
	Sep 2018	846	110	61	744	12.5	27	744	725	1093.40	11153
	WY 2018	**10886**	**757**	**551**	**9711**		**250**	**9711**			
	Oct 2018	640	71	45	487	7.9	22	487	735	1095.08	11300
	Nov 2018	640	65	45	627	10.5	14	627	736	1095.28	11318
	Dec 2018	720	51	39	582	9.5	11	582	744	1096.77	11448
	Jan 2019	760	64	32	726	11.8	7	726	748	1097.39	11503
	Feb 2019	680	72	29	613	11.0	9	613	754	1098.46	11598
	Mar 2019	710	46	33	1044	17.0	17	1044	733	1094.87	11282
	Apr 2019	640	39	40	1103	18.5	24	1103	704	1089.61	10823

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2017 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	May 2016	887	-6	22	903	0	903	14.7	643.07	1701
H	Jun 2016	920	-16	26	838	0	838	14.1	644.53	1741
I	Jul 2016	831	-24	26	803	0	803	13.1	643.75	1719
S	Aug 2016	701	-12	23	714	0	714	11.6	642.00	1671
T	Sep 2016	702	-18	18	711	0	711	11.9	640.34	1627
	WY 2016	**9293**	**-195**	**198**	**8879**	**0**	**8879**			
O	Oct 2016	518	-7	15	640	0	640	10.4	634.86	1482
R	Nov 2016	751	-29	11	574	0	574	9.6	640.09	1620
I	Dec 2016	542	-17	9	482	0	482	7.8	641.31	1653
C	Jan 2017	500	-23	10	408	0	408	6.6	643.47	1712
A	Feb 2017	488	-13	10	486	0	486	8.7	642.70	1690
L	Mar 2017	911	-27	13	844	0	844	13.7	643.70	1718
*	Apr 2017	961	-23	17	955	0	955	16.1	642.45	1684
	May 2017	928	-13	22	879	0	879	14.3	643.00	1699
	Jun 2017	852	-18	25	808	0	808	13.6	643.00	1699
	Jul 2017	766	-16	25	765	0	765	12.4	641.50	1658
	Aug 2017	772	-12	23	737	0	737	12.0	641.50	1658
	Sep 2017	759	-11	18	770	0	770	12.9	640.01	1617
	WY 2017	**8748**	**-210**	**198**	**8349**	**0**	**8349**			
	Oct 2017	609	-4	15	774	0	774	12.6	633.00	1434
	Nov 2017	755	-11	10	682	0	682	11.5	635.00	1486
	Dec 2017	716	-10	9	600	0	600	9.8	638.71	1583
	Jan 2018	728	-19	10	616	0	616	10.0	641.80	1666
	Feb 2018	658	-16	10	632	0	632	11.4	641.80	1666
	Mar 2018	1028	-16	13	964	0	964	15.7	643.05	1700
	Apr 2018	1106	-20	17	1071	0	1071	18.0	643.00	1699
	May 2018	953	-13	22	918	0	918	14.9	643.00	1699
	Jun 2018	850	-18	25	834	0	834	14.0	642.00	1671
	Jul 2018	807	-16	25	779	0	779	12.7	641.50	1658
	Aug 2018	758	-12	23	723	0	723	11.8	641.50	1658
	Sep 2018	744	-11	18	754	0	754	12.7	640.01	1617
	WY 2018	**9711**	**-166**	**197**	**9348**	**0**	**9348**			
	Oct 2018	487	-4	15	652	0	652	10.6	633.00	1434
	Nov 2018	627	-11	10	554	0	554	9.3	635.00	1486
	Dec 2018	582	-10	9	466	0	466	7.6	638.71	1583
	Jan 2019	726	-19	10	614	0	614	10.0	641.80	1666
	Feb 2019	613	-16	10	588	0	588	10.6	641.80	1666
	Mar 2019	1044	-16	13	980	0	980	15.9	643.05	1700
	Apr 2019	1103	-20	17	1068	0	1068	17.9	643.00	1699

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2017 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	May 2016	903	13	13	636	10.3	97	176	448.08	581	97	1.6
H	Jun 2016	838	18	15	633	10.6	95	89	448.81	596	92	1.5
I	Jul 2016	803	20	17	617	10.0	100	74	449.03	600	102	1.7
S	Aug 2016	714	23	17	570	9.3	85	65	448.50	590	99	1.6
T	Sep 2016	711	14	15	490	8.2	89	134	447.97	579	92	1.5
	WY 2016	**8879**	**225**	**140**	**6360**		**1057**	**1467**			**1496**	
O	Oct 2016	640	36	12	466	7.6	80	133	446.90	559	61	1.0
R	Nov 2016	574	21	9	374	6.3	78	140	446.33	549	97	1.6
I	Dec 2016	482	26	7	271	4.4	86	118	447.64	573	112	1.8
C	Jan 2017	408	33	6	244	4.0	68	126	447.29	567	126	2.1
A	Feb 2017	486	14	8	393	7.1	13	62	448.30	586	160	2.9
L	Mar 2017	844	11	9	687	11.2	24	136	447.83	577	203	3.3
*	Apr 2017	955	13	11	729	12.3	42	160	448.73	594	181	3.0
	May 2017	879	15	13	644	10.5	44	185	448.50	590	110	1.8
	Jun 2017	808	15	16	667	11.2	41	83	448.70	593	105	1.8
	Jul 2017	765	26	17	644	10.5	57	74	448.00	580	111	1.8
	Aug 2017	737	25	17	570	9.3	101	72	447.50	571	100	1.6
	Sep 2017	770	20	15	523	8.8	99	144	447.50	570	89	1.5
	WY 2017	**8349**	**256**	**140**	**6214**		**733**	**1434**			**1455**	
	Oct 2017	774	28	12	499	8.1	101	182	447.50	571	74	1.2
	Nov 2017	682	19	9	405	6.8	99	182	447.50	571	113	1.9
	Dec 2017	600	19	7	343	5.6	101	182	446.50	552	134	2.2
	Jan 2018	616	17	6	377	6.1	87	158	446.50	552	154	2.5
	Feb 2018	632	10	8	498	9.0	55	74	446.50	552	180	3.2
	Mar 2018	964	7	9	723	11.8	75	153	446.70	555	206	3.4
	Apr 2018	1071	19	11	760	12.8	85	185	448.70	593	192	3.2
	May 2018	918	15	13	631	10.3	87	190	448.70	593	97	1.6
	Jun 2018	834	15	16	662	11.1	85	74	448.70	593	98	1.6
	Jul 2018	779	26	17	627	10.2	87	74	448.00	580	99	1.6
	Aug 2018	723	25	17	569	9.3	87	74	447.50	571	99	1.6
	Sep 2018	754	20	15	507	8.5	85	158	447.50	570	89	1.5
	WY 2018	**9348**	**220**	**139**	**6602**		**1036**	**1684**			**1535**	
	Oct 2018	652	28	12	479	7.8	33	148	447.50	571	68	1.1
	Nov 2018	554	19	9	378	6.3	33	148	447.50	571	103	1.7
	Dec 2018	466	19	7	312	5.1	33	148	446.50	552	115	1.9
	Jan 2019	614	17	6	360	5.8	104	157	446.50	552	138	2.2
	Feb 2019	588	10	8	475	8.6	35	73	446.50	552	160	2.9
	Mar 2019	980	7	9	710	11.5	104	152	446.70	555	198	3.2
	Apr 2019	1068	19	11	742	12.5	101	184	448.70	593	175	2.9

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3035

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2017 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	May 2016	887	14.4	1073.80	9504	-189	426.83	1164.0	343.6	74	387.5
H	Jun 2016	920	15.5	1071.64	9330	-174	425.27	1528.0	349.7	100	380.2
I	Jul 2016	831	13.5	1072.75	9419	89	427.46	1528.0	311.5	100	374.8
S	Aug 2016	701	11.4	1075.17	9615	196	431.00	1549.0	265.2	100	378.4
T	Sep 2016	702	11.8	1075.23	9620	5	429.97	1539.0	266.3	100	379.1
	WY 2016	**9293**							**3596.9**		
O	Oct 2016	518	8.4	1076.34	9710	90	438.10	1335.0	195.2	87	377.1
R	Nov 2016	751	12.6	1076.55	9727	17	427.42	1072.0	290.6	80	386.7
I	Dec 2016	542	8.8	1080.82	10079	352	438.26	1103.0	207.3	71	382.3
C	Jan 2017	500	8.1	1086.08	10521	442	442.12	857.0	192.4	55	384.9
A	Feb 2017	488	8.8	1089.78	10838	317	446.75	938.0	190.4	58	390.4
L	Mar 2017	911	14.8	1088.26	10707	-131	440.44	1291.1	362.0	79	397.2
*	Apr 2017	961	16.1	1084.89	10420	-287	439.75	1227.0	381.0	76	396.5
	May 2017	928	15.1	1081.21	10111	-309	431.82	1307.0	365.3	80	393.5
	Jun 2017	852	14.3	1079.24	9948	-164	427.43	1475.0	334.1	94	392.3
	Jul 2017	766	12.5	1079.95	10007	59	427.29	1477.0	296.3	94	386.7
	Aug 2017	772	12.6	1081.69	10151	145	428.99	1489.0	299.8	94	388.5
	Sep 2017	759	12.8	1080.96	10091	-60	429.30	1584.0	295.1	100	388.7
	WY 2017	**8748**							**3409.4**		
	Oct 2017	609	9.9	1081.37	10125	34	434.02	1177.9	238.2	74	390.8
	Nov 2017	755	12.7	1080.16	10024	-101	437.29	970.0	304.2	61	402.9
	Dec 2017	716	11.6	1080.24	10031	7	436.64	709.9	290.6	45	405.9
	Jan 2018	728	11.8	1084.60	10396	365	434.71	1010.0	288.9	63	396.9
	Feb 2018	658	11.8	1088.33	10714	318	437.74	1025.0	262.7	63	399.6
	Mar 2018	1028	16.7	1088.22	10704	-10	439.08	1033.1	417.9	63	406.5
	Apr 2018	1106	18.6	1085.69	10488	-216	438.10	911.0	460.4	56	416.2
	May 2018	953	15.5	1084.58	10394	-94	432.91	1428.1	375.4	88	394.0
	Jun 2018	850	14.3	1084.88	10420	25	431.54	1629.0	335.8	100	395.1
	Jul 2018	807	13.1	1087.54	10646	226	433.49	1647.0	317.5	100	393.5
	Aug 2018	758	12.3	1092.06	11035	390	437.21	1675.0	298.9	100	394.0
	Sep 2018	744	12.5	1093.40	11153	117	440.61	1690.0	295.5	100	397.4
	WY 2018	**9711**							**3885.9**		
	Oct 2018	487	7.9	1095.08	11300	147	447.01	1196.9	195.9	74	402.1
	Nov 2018	627	10.5	1095.28	11318	18	451.02	1081.7	252.5	67	402.8
	Dec 2018	582	9.5	1096.77	11448	131	450.50	1012.3	235.2	63	403.9
	Jan 2019	726	11.8	1097.39	11503	55	449.29	1031.7	296.9	63	409.1
	Feb 2019	613	11.0	1098.46	11598	95	449.14	1044.9	248.5	63	405.3
	Mar 2019	1044	17.0	1094.87	11282	-317	447.43	1051.1	433.0	63	414.8
	Apr 2019	1103	18.5	1089.61	10823	-458	443.32	937.0	464.1	57	420.7

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2017 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	May 2016	903	14.7	643.07	1701	-45	141.63	252.5	115.5	99	127.8
H	Jun 2016	838	14.1	644.53	1741	40	143.17	255.0	107.4	100	128.1
I	Jul 2016	803	13.1	643.75	1719	-22	144.39	252.5	103.3	99	128.6
S	Aug 2016	714	11.6	642.00	1671	-48	142.46	255.0	91.6	100	128.4
T	Sep 2016	711	11.9	640.34	1627	-45	138.91	255.0	90.5	100	127.3
	WY 2016	**8879**							**1129.0**		
O	Oct 2016	640	10.4	634.86	1482	-144	135.70	201.5	79.3	79	123.8
R	Nov 2016	574	9.6	640.09	1620	138	140.91	170.9	71.1	67	123.8
I	Dec 2016	482	7.8	641.31	1653	33	138.48	168.3	61.4	66	127.3
C	Jan 2017	408	6.6	643.47	1712	59	143.95	164.5	54.6	65	133.8
A	Feb 2017	486	8.7	642.70	1690	-21	141.54	162.1	63.8	64	131.4
L	Mar 2017	844	13.7	643.70	1718	28	141.08	194.1	109.6	76	129.9
*	Apr 2017	955	16.1	642.45	1684	-34	138.31	204.0	131.0	80	137.2
	May 2017	879	14.3	643.00	1699	15	136.46	228.7	110.0	90	125.3
	Jun 2017	808	13.6	643.00	1699	0	136.04	255.0	101.6	100	125.7
	Jul 2017	765	12.4	641.50	1658	-41	135.25	255.0	96.0	100	125.4
	Aug 2017	737	12.0	641.50	1658	0	134.46	255.0	92.0	100	124.9
	Sep 2017	770	12.9	640.01	1617	-40	133.68	255.0	95.4	100	123.9
	WY 2017	**8349**							**1066.0**		
	Oct 2017	774	12.6	633.00	1434	-183	130.74	202.3	93.0	79	120.2
	Nov 2017	682	11.5	635.00	1486	51	129.19	170.0	80.8	67	118.3
	Dec 2017	600	9.8	638.71	1583	97	132.25	167.8	72.9	66	121.5
	Jan 2018	616	10.0	641.80	1666	83	134.43	210.6	76.7	83	124.5
	Feb 2018	632	11.4	641.80	1666	0	136.73	187.6	79.2	74	125.4
	Mar 2018	964	15.7	643.05	1700	34	137.26	190.8	120.1	75	124.5
	Apr 2018	1071	18.0	643.00	1699	-2	136.07	255.0	133.2	100	124.4
	May 2018	918	14.9	643.00	1699	0	136.04	255.0	115.0	100	125.3
	Jun 2018	834	14.0	642.00	1671	-27	135.51	255.0	104.4	100	125.1
	Jul 2018	779	12.7	641.50	1658	-14	134.73	255.0	97.3	100	124.9
	Aug 2018	723	11.8	641.50	1658	0	134.46	255.0	90.4	100	125.0
	Sep 2018	754	12.7	640.01	1617	-40	133.68	255.0	93.5	100	124.0
	WY 2018	**9348**							**1156.6**		
	Oct 2018	652	10.6	633.00	1434	-183	130.74	202.3	78.8	79	120.9
	Nov 2018	554	9.3	635.00	1486	51	129.19	170.0	66.0	67	119.1
	Dec 2018	466	7.6	638.71	1583	97	132.25	167.8	57.0	66	122.4
	Jan 2019	614	10.0	641.80	1666	83	134.43	210.6	76.5	83	124.5
	Feb 2019	588	10.6	641.80	1666	0	136.73	187.6	73.8	74	125.7
	Mar 2019	980	15.9	643.05	1700	34	137.26	190.8	122.0	75	124.5
	Apr 2019	1068	17.9	643.00	1699	-2	136.07	255.0	132.8	100	124.4

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2017 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	May 2016	636	10.3	448.08	581	-15	82.13	120.0	45.1	100	70.9
H	Jun 2016	633	10.6	448.81	596	14	83.02	120.0	44.8	100	70.8
I	Jul 2016	617	10.0	449.03	600	4	83.16	120.0	43.7	100	70.9
S	Aug 2016	570	9.3	448.50	590	-10	82.60	120.0	40.2	100	70.7
T	Sep 2016	490	8.2	447.97	579	-10	82.24	120.0	34.7	100	70.9
	WY 2016	**6345**							**447.6**		
O	Oct 2016	466	7.6	446.90	559	-20	78.88	93.6	32.8	78	70.5
R	Nov 2016	374	6.3	446.33	549	-11	80.55	90.0	26.0	75	69.6
I	Dec 2016	271	4.4	447.64	573	24	83.20	117.6	17.9	98	65.9
C	Jan 2017	244	4.0	447.29	567	-6	81.95	93.9	16.2	78	66.5
A	Feb 2017	393	7.1	448.30	586	19	82.67	90.0	27.9	75	71.0
L	Mar 2017	687	11.2	447.83	577	-9	79.98	90.0	48.8	75	71.1
*	Apr 2017	729	12.3	448.73	594	17	80.51	120.0	51.3	100	70.3
	May 2017	644	10.5	448.50	590	-5	75.97	120.0	42.7	100	66.2
	Jun 2017	667	11.2	448.70	593	4	75.95	120.0	44.3	100	66.4
	Jul 2017	644	10.5	448.00	580	-13	75.71	120.0	42.6	100	66.0
	Aug 2017	570	9.3	447.50	571	-9	75.13	120.0	37.3	100	65.3
	Sep 2017	523	8.8	447.50	570	0	76.09	94.0	34.6	78	66.2
	WY 2017	**6214**							**422.4**		
	Oct 2017	499	8.1	447.50	571	0	74.97	118.1	32.4	98	64.9
	Nov 2017	405	6.8	447.50	571	0	76.29	90.0	26.6	75	65.6
	Dec 2017	343	5.6	446.50	552	-19	75.66	92.9	22.1	77	64.4
	Jan 2018	377	6.1	446.50	552	0	74.29	111.3	24.0	93	63.7
	Feb 2018	498	9.0	446.50	552	0	74.73	101.8	32.5	85	65.1
	Mar 2018	723	11.8	446.70	555	4	74.69	104.5	47.4	87	65.6
	Apr 2018	760	12.8	448.70	593	38	75.08	120.0	50.1	100	65.9
	May 2018	631	10.3	448.70	593	0	76.05	120.0	41.8	100	66.3
	Jun 2018	662	11.1	448.70	593	0	76.05	120.0	44.0	100	66.4
	Jul 2018	627	10.2	448.00	580	-13	75.71	120.0	41.4	100	66.0
	Aug 2018	569	9.3	447.50	571	-9	75.13	120.0	37.2	100	65.3
	Sep 2018	507	8.5	447.50	570	0	74.89	120.0	32.9	100	65.0
	WY 2018	**6602**							**432.4**		
	Oct 2018	479	7.8	447.50	571	0	75.85	98.7	31.4	82	65.6
	Nov 2018	378	6.3	447.50	571	0	75.83	99.0	24.5	83	64.9
	Dec 2018	312	5.1	446.50	552	-19	74.40	120.0	19.6	100	63.0
	Jan 2019	360	5.8	446.50	552	0	75.02	95.8	23.0	80	64.1
	Feb 2019	475	8.6	446.50	552	0	75.21	92.1	31.1	77	65.5
	Mar 2019	710	11.5	446.70	555	4	74.05	119.0	46.1	99	65.0
	Apr 2019	742	12.5	448.70	593	38	75.08	120.0	48.9	100	65.9

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2017 24-Month Study

Most Probable Inflow*

Upper Basin Power

	Date	Glen Canyon 1000 MWHR	Flaming Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Reservoir 1000 MWHR	Fontenelle Reservoir 1000 MWHR
*	May 2016	305	20	38	61	21	7
H	Jun 2016	360	105	14	18	15	9
I	Jul 2016	435	46	34	40	22	6
S	Aug 2016	408	44	33	39	22	6
T	Sep 2016	315	42	30	36	20	3
	Summer 2016	**2111**	**276**	**166**	**218**	**116**	**34**
O	Oct 2016	269	33	26	33	19	0
R	Nov 2016	277	30	9	11	6	0
I	Dec 2016	395	41	10	11	6	0
C	Jan 2017	385	43	10	11	5	0
A	Feb 2017	307	43	13	19	10	0
L	Mar 2017	312	97	19	22	0	0
	Winter 2017	**1945**	**289**	**87**	**107**	**46**	**0**
*	Apr 2017	270	102	15	22	6	0
	May 2017	263	105	62	110	23	7
	Jun 2017	317	103	59	95	22	9
	Jul 2017	365	64	26	32	18	10
	Aug 2017	385	53	29	36	18	10
	Sep 2017	286	51	24	30	16	9
	Summer 2017	**1886**	**477**	**215**	**326**	**104**	**44**
	Oct 2017	273	53	15	19	10	7
	Nov 2017	272	51	11	15	8	6
	Dec 2017	305	52	18	23	12	6
	Jan 2018	459	52	16	20	11	6
	Feb 2018	402	47	11	15	8	5
	Mar 2018	424	52	13	17	9	5
	Winter 2018	**2136**	**306**	**84**	**108**	**57**	**35**
	Apr 2018	373	50	16	23	13	6
	May 2018	375	70	41	60	23	7
	Jun 2018	404	69	20	31	21	8
	Jul 2018	459	36	33	40	22	10
	Aug 2018	491	36	40	47	23	9
	Sep 2018	359	35	36	43	22	6
	Summer 2018	**2461**	**296**	**185**	**244**	**124**	**46**
	Oct 2018	271	36	22	27	14	6
	Nov 2018	270	35	15	18	10	6
	Dec 2018	303	36	23	28	14	6
	Jan 2019	318	36	16	20	11	5
	Feb 2019	284	32	13	17	9	5
	Mar 2019	296	36	13	18	10	5
	Winter 2019	**1446**	**175**	**88**	**111**	**57**	**28**
	Apr 2019	267	35	16	24	14	6

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2017 24-Month Study

Most Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions

Date	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Total KAF	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****EFFECTIVE SPACE****										
May 2017	881	172	98	12172	13324	16957	30280	695	41	-221	514	12172	16957	29644	1500	928	0	32.2
Jun 2017	780	265	212	10083	11340	17266	28606	584	113	-140	557	10083	17266	27906	1500	852	0	34.2
Jul 2017	500	203	406	8135	9244	17429	26673	285	33	8	326	8135	17429	25891	1500	766	0	34.4
								****CREDITABLE SPACE****										
Aug 2017	241	167	447	8127	8982	17370	26352	241	167	447	855	8127	17370	26352	1500	772	0	34.2
Sep 2017	226	187	472	8428	9313	17226	26539	226	187	472	885	8428	17226	26539	2270	759	0	33.9
Oct 2017	276	212	477	8605	9570	17286	26856	276	212	477	966	8605	17286	26856	3040	609	0	33.6
Nov 2017	333	217	467	8685	9703	17252	26955	333	217	467	1018	8685	17252	26955	3810	755	0	33.3
Dec 2017	408	221	464	8799	9893	17353	27246	408	221	464	1094	8799	17353	27246	4580	716	0	33.0
Jan 2018	515	256	465	9031	10267	17346	27613	515	256	465	1236	9031	17346	27613	5350	728	0	32.8
								****EFFECTIVE SPACE****										
Jan 2018	515	256	465	9031	10267	17346	27613	139	256	213	607	9031	17346	26984	5350	728	0	32.8
Feb 2018	617	284	469	9593	10963	16981	27944	240	284	216	741	9593	16981	27315	1500	658	0	32.6
Mar 2018	701	298	462	10046	11507	16663	28171	324	298	208	830	10046	16663	27539	1500	1028	0	32.2
Apr 2018	744	305	408	10404	11860	16673	28533	364	305	147	815	10404	16673	27892	1500	1106	0	32.2
May 2018	753	285	318	10407	11763	16889	28652	368	285	35	687	10407	16889	27983	1500	953	0	33.4
Jun 2018	708	212	323	9238	10481	16983	27464	314	207	1	522	9238	16983	26742	1500	850	0	34.9
Jul 2018	520	38	424	7978	8961	16957	25918	112	12	46	170	7978	16957	25105	1500	807	0	35.1
								****CREDITABLE SPACE****										
Aug 2018	427	26	438	8115	9005	16731	25737	427	26	438	890	8115	16731	25737	1500	758	0	34.8
Sep 2018	451	81	460	8676	9668	16342	26009	451	81	460	992	8676	16342	26009	2270	744	0	34.4
Oct 2018	503	152	460	9017	10132	16224	26356	503	152	460	1115	9017	16224	26356	3040	487	0	34.2
Nov 2018	550	187	446	9116	10299	16077	26376	550	187	446	1183	9116	16077	26376	3810	627	0	34.0
Dec 2018	597	204	442	9261	10504	16059	26563	597	204	442	1243	9261	16059	26563	4580	582	0	33.9
Jan 2019	662	253	444	9518	10876	15929	26805	662	253	444	1359	9518	15929	26805	5350	726	0	33.6
								****EFFECTIVE SPACE****										
Jan 2019	662	253	444	9518	10876	15929	26805	388	251	199	838	9518	15929	26284	5350	726	0	33.6
Feb 2019	722	282	447	9814	11265	15874	27139	446	281	202	929	9814	15874	26617	1500	613	0	33.4
Mar 2019	768	301	441	10039	11549	15779	27327	490	301	194	985	10039	15779	26803	1500	1044	0	33.1
Apr 2019	769	309	386	10150	11613	16095	27708	486	309	133	928	10150	16095	27173	1500	1103	0	33.0

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3035

Processed On: 5/10/2017 11:22:16AM

June 24-Month Study
Date: June 12, 2017

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

Reservoir	May Inflow (unregulated) (acre-feet)	Percent of Average (%)	June 11, Midnight Elevation (feet)	June 11, Midnight Reservoir Storage (acre-feet)
Fontenelle	430,000	219	6,488.20	215,000
Flaming Gorge	582,000	192	6,028.15	3,278,000
Blue Mesa	244,000	112	7,798.30	647,000
Navajo	264,000	138	6,072.38	1,514,000
Powell	2,377,000	103	3,625.89	14,398,000

Expected Operations

The operation of Lake Powell and Lake Mead in this June 2017 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines), and reflects the 2017 Annual Operating Plan (AOP). Pursuant to the Interim Guidelines, the August 2016 24-Month Study projections of the January 1, 2017, system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2017.

Consistent with Section 6.B of the Interim Guidelines, the Lake Powell operational tier for water year 2017 is the Upper Elevation Balancing Tier. With an 8.23 million acre-feet (maf) release from Lake Powell in water year 2017, the April 2017 24-Month Study projected the end of water year elevation at Lake Powell to be above 3,575 feet above sea level (feet) and the end of water year elevation at Lake Mead to be below 1,075 feet. Therefore, in accordance with Section 6.B.4 of the Interim Guidelines, Lake Powell operations shifted to balancing releases for the remainder of water year 2017. Under Section 6.B.4, the contents of Lake Powell and Lake Mead will be balanced by the end of the water year, but not more than 9.0 maf and not less than 8.23 maf shall be released from Lake Powell. Based on the most probable inflow forecast, this June 24-Month Study projects a balancing release of 9.0 maf in water year 2017.

Consistent with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar year 2017.

The Interim Guidelines are available for download at:
https://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The 2017 AOP is available for download at:
https://www.usbr.gov/uc/water/rsvrs/ops/aop/AOP17.pdf.

Fontenelle Reservoir – Fontenelle Reservoir is currently at elevation 6476 feet, which amounts to 42 percent of live storage capacity. Inflows for the month of May totaled 430,000 acre-feet (af), or 263 percent of average. Above average inflows are occurring and releases are being adjusted to keep the reservoir elevation low in anticipation of a large runoff. Releases are currently set at 8,000 cubic feet per second (cfs) (06/06/2017).

The Colorado Basin River Forecast Center has forecasted summer inflows that are significantly above average. June, July, and August forecasted inflow volumes amount to 710,000 af (234 percent of average), 315,000 af (167 percent of average), and 125,000 af (161 percent of average), respectively.

The next Fontenelle Working Group meeting is scheduled for 10:00 a.m., August 28, 2017. The meeting will be held at the Wyoming Game and Fish Department office in Green River, Wyoming. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir.

Flaming Gorge Reservoir – Releases are currently at full power plant capacity (~4,600 cfs) and full bypass capacity (4,000 cfs) for a total release of ~8,600 cfs, and are expected to remain at this level through June.

Unregulated inflow into Flaming Gorge Reservoir during the month of May was 582,000 af, or 239 percent of average. The reservoir elevation is 6,027.53 feet (86 percent of live capacity) and increasing.

The June final forecast for inflows for the next three months projects above average conditions: June, July and August forecasted inflow volumes at 870,000 af (223 percent of average), 378,000 af (180 percent of average), and 150,000 af (169 percent of average), respectively.

The May water supply forecast of the April through July unregulated inflow volume into Flaming Gorge Reservoir is 2.26 maf (232 percent of average). The hydrologic classification based on the May final forecast would be wet. However, the Yampa River forecast falls in the average (below median) hydrologic classification. The Record of Decision allows for flexibility to implement hydrologic classification two higher or one lower than the official forecast. Utilizing the flexibility within the ROD, the hydrologic

classification is moderately wet. It is unlikely that Reclamation will meet the moderately wet hydrologic targets with the current Yampa River flows.

The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stakeholders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations and plans presented by Reclamation at these meetings. Meeting notes from past Working Group meetings are posted on the Working Group webpage. For more information on this group and these meetings please contact Dale Hamilton at 801-379-1186 or Heather Patno at 801-524-3883.

Reclamation will be holding the Flaming Gorge Working Group meeting on Monday, August 14, 2017, at 7:00 p.m. at the Uinta Conference Center, 313 East 200 South, Vernal, Utah.

Aspinall Unit Reservoirs – Aspinall is currently operating to meet the spring flow objectives of the 2012 Aspinall Record of Decision (Aspinall ROD). Releases from Crystal Dam are approximately 5,500 cfs and are being reduced each day as part of a gradual ramp down to terminate the peaking operations. By June 19, 2017, releases from Crystal Dam will be 1,950 cfs which is the full capacity of Crystal Powerplant.

The Uncompahgre Valley Water Users Association is diverting approximately 1,000 cfs through the Gunnison Tunnel and Black Canyon Flows will be about 950 cfs for the remainder of the summer and early fall. Blue Mesa Dam is likely to be very nearly full by the end of July based on the most recent April-July unregulated inflow forecast.

The May unregulated inflow to Blue Mesa Reservoir was 244,000 af (112 percent of average). Unregulated Inflows to Blue Mesa for the next three months (June, July and August) are projected to be: 335,000 af (128 percent of average), 116,000 af (99 percent of average) and 61,000 af (97 percent of average), respectively. The April through July unregulated inflow forecast decreased from 850,000 af (126 percent of average) for May to 840,000 af (124 percent of average) for June. The June 24-Month Study is reflective of this new forecast.

The Aspinall Unit Working Group is an open public forum for information exchange between Reclamation and the stakeholders of the Aspinall Unit. The public is encouraged to attend and comments on the operations and plans presented by Reclamation at these meetings. Meeting notes from past working Group meetings are posted on the Working Group webpage. For more information on this group and these meetings please contact Erik Knight in the Grand Junction Area Office at (970) 248-0629.

The next meeting of the Aspinall Unit Working Group will be held on Thursday, August 17th, 2017 at 1:00 pm at the Elk Creek Visitor Center at Blue Mesa Reservoir.

Navajo Reservoir – As of June 8th, 2017, Navajo reservoir elevation is 6072.87 feet (1.5 maf live storage) and is releasing 4,770 cfs. Releases are made for the authorized

purposes of the Navajo Unit, and pursuant to the 2006 Record of Decision, in an attempt to maintain a target base flow through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell). The San Juan River Basin Recovery Implementation Program (SJRIP) recommends a target base flow of between 500 cfs and 1,000 cfs through the critical habitat area. The target base flow is calculated as the weekly average of gaged flows throughout the critical habitat area.

Modified unregulated inflow into Navajo was 267,000 af, which was 96 percent of average for the month. Releases averaged 3,800 cfs and totaled 24,500 af.

The most probable modified-unregulated inflow forecast for June at Navajo is 177,000 af (79 percent of average), for July is 34,000 af (52 percent of average), and for August is 27,000 af (27 percent of average). The most probable April-July total runoff forecast is 710,000 af (96 percent of average).

The spring peak release is underway. Ramp down is expected to begin June 23rd, or when the average of the Shiprock and Four Corners gage average is 6,500 cfs or less for five days. The release plan is subject to change due to river conditions and evolving forecasts.

Reclamation conducts Public Operations Meetings three times per year to gather input for determining upcoming operations for Navajo Reservoir. Input from individuals, organizations, and agencies along with other factors such as weather, water rights, endangered species requirements, flood control, hydro power, recreation, fish and wildlife management, and reservoir levels, will be considered in the development of these reservoir operation plans. In addition, the meetings are used to coordinate activities and exchange information among agencies, water users, and other interested parties concerning the San Juan River and Navajo Reservoir.

The next Navajo Public Operations Coordination Meeting is scheduled for August 22nd, 2017, at 1p.m. at the Farmington Civic Center, Farmington, NM.

Glen Canyon Dam / Lake Powell

Current Status

The unregulated inflow volume to Lake Powell in May was 2,377 thousand acre-feet (kaf) (101 percent of average). The release volume from Glen Canyon Dam in May was 652 kaf. The end of May elevation and storage of Lake Powell were 3619 feet (81 feet from full pool) and 13.67 maf (56 percent of full capacity), respectively. The reservoir reached a seasonal low elevation on March 15th near elevation 3593.85 feet. Since that time the reservoir elevation has been increasing and will continue to increase throughout mid-summer as runoff from snowmelt and precipitation enter the reservoir.

Current Operations

The operating tier for water year 2017 was established in August 2016 as the Upper Elevation Balancing Tier. The April 2017 24-Month Study established that Lake Powell

operations will be governed by balancing for the remainder of water year 2017. Under balancing, the contents of Lake Powell and Lake Mead will be balanced by the end of the water year, but not more than 9.0 maf and not less than 8.23 maf shall be released from Lake Powell. Based on the most probable inflow forecast, this May 24-Month Study projects a balancing release of 9.0 maf in water year 2017. Reclamation will schedule operations at Glen Canyon Dam to achieve as practicably as possible the appropriate total annual release volume by September 30, 2017.

In June, the release volume will be approximately 750 kaf, with fluctuations anticipated between about 9,000 cfs in the nighttime to about 15,000 cfs in the daytime and consistent with the Glen Canyon Operating Criteria (Federal Register, Volume 62, No. 41, March 3, 1997). The anticipated release volume for July is 850 kaf with daily fluctuations between approximately 9,500 cfs and 17,500 cfs. The expected release for August is 900 kaf with daily fluctuations between approximately 10,000 cfs and 18,000 cfs.

In addition to daily scheduled fluctuations for power generation, the instantaneous releases from Glen Canyon Dam may also fluctuate to provide 40 megawatts (mw) of system regulation. These instantaneous release adjustments stabilize the electrical generation and transmission system and translate to a range of about 1,200 cfs above or below the hourly scheduled release rate. Under system normal conditions, fluctuations for regulation are typically short lived and generally balance out over the hour with minimal or no noticeable impacts on downstream river flow conditions.

Releases from Glen Canyon Dam can also fluctuate beyond scheduled releases when called upon to respond to unscheduled power outages or power system emergencies. Depending on the severity of the system emergency, the response from Glen Canyon Dam can be significant, within the full range of the operating capacity of the power plant for as long as is necessary to maintain balance in the transmission system. Glen Canyon Dam currently maintains 27 mw (approximately 800 cfs) of generation capacity in reserve in order to respond to a system emergency even when generation rates are already high. System emergencies occur fairly infrequently and typically require small responses from Glen Canyon Dam. However, these responses can have a noticeable impact on the river downstream of Glen Canyon Dam.

Inflow Forecasts and Model Projections

The April to July 2017 water supply forecast for unregulated inflow to Lake Powell, issued on June 5, 2017, by the Colorado Basin River Forecast Center, projects that the most probable (median) unregulated inflow volume will be 8.3 maf (116 percent of average based on the period 1981-2010). The forecast decreased by 500 kaf since last month. There is still uncertainty regarding this year's water supply and the total inflow to Lake Powell. The spring runoff forecast ranges from a minimum probable of 7.4 maf (103 percent of average) to a maximum probable of 9.2 maf (129 percent of average). There is 10 percent chance that inflows could be higher than the maximum probable and a 10 percent chance they could be lower than the minimum probable.

As determined in the August 2016 24-Month Study, and documented in the 2017 Annual Operating Plan, Lake Powell's operations in water year 2017 will be governed by the Upper Elevation Balancing Tier. Starting with an 8.23 million acre-feet (maf) release from Lake Powell in water year 2017, the April 2017 24-Month Study projected the end of water year elevation at Lake Powell to be above 3,575 feet and the end of water year elevation at Lake Mead to be below 1,075 feet. Therefore, in accordance with Section 6.B.4 of the Interim Guidelines, Lake Powell operations shifted to balancing releases for the remainder of water year 2017. Under balancing, the contents of Lake Powell and Lake Mead will be balanced by the end of the water year, but not more than 9.0 maf and not less than 8.23 maf shall be released from Lake Powell.

Based on the June most probable inflow forecast, the annual release volume from Lake Powell during water year 2017 is projected to be 9.0 maf. Under the minimum probable inflow scenario, the water year release is projected to be 9.0 maf. Under the maximum probable inflow scenario, the release is projected to be 9.0 maf. There is 10 percent chance that inflows will be lower than the current minimum probable forecast, potentially resulting in lower releases. However, inflows to Lake Powell so far this water year have been sufficient enough to preclude any release less than 9.0 maf. If inflows are greater than the current forecasted maximum probable inflow, the annual release will be 9.0 maf.

Based on the current forecast, the June 24-Month Study projects Lake Powell elevation will end water year 2017 near 3,632 feet with approximately 15.1 maf in storage (62 percent capacity). Projections of elevation and storage still have significant uncertainty at this point in the season, primarily due to uncertainty regarding spring runoff and the resulting inflow to Lake Powell. Under the minimum probable inflow scenario, updated in April, the projected end of water year elevation and storage are 3,625 feet and 14.25 maf (59 percent capacity), respectively. Under the maximum probable inflow scenario, updated in April, the projected end of water year elevation and storage are 3661 feet and 18.62 maf (77 percent capacity), respectively. Modeling of projected reservoir operations based on the minimum and maximum scenarios will be updated again in August.

Upper Colorado River Basin Hydrology

The Upper Colorado River Basin regularly experiences significant year to year hydrologic variability. During the 17-year period 2000 to 2016, however, the unregulated inflow to Lake Powell, which is a good measure of hydrologic conditions in the Colorado River Basin, was above average in only 3 out of the past 17 years. The period 2000-2016 is the lowest 17-year period since the closure of Glen Canyon Dam in 1963, with an average unregulated inflow of 8.57 maf, or 79 percent of the 30-year average (1981-2010). (For comparison, the 1981-2010 total water year average is 10.83 maf.) The unregulated inflow during the 2000-2016 period has ranged from a low of 2.64 maf (24 percent of average) in water year 2002 to a high of 15.97 maf (147 percent of average) in water year 2011. In water year 2016 unregulated inflow volume to Lake Powell was 9.62 maf (89 percent of average), which, though still below average, was significantly higher than inflows observed in 2012 and 2013 (45 percent and 47 percent of average, respectively). Under the current most probable forecast, the total water year

2017 unregulated inflow to Lake Powell is projected to be 12.36 maf (114 percent of average).

At the beginning of water year 2017, total system storage in the Colorado River Basin was 30.2 maf (51 percent of 59.6 maf total system capacity). This is nearly the same as the total storage at the beginning of water years 2015 and 2016 which began at 30.1 maf and 30.3 maf, respectively, both of which were 51 percent of capacity. Since the beginning of water year 2000, total Colorado Basin storage has experienced year to year increases and decreases in response to wet and dry hydrology, ranging from a high of 94 percent of capacity at the beginning of 2000 to a low of 50 percent of capacity at the beginning of water year 2005. One wet year can significantly increase total system reservoir storage, just as persistent dry years can draw down the system storage. Based on current inflow forecasts, the current projected end of water year total Colorado Basin reservoir storage for water year 2017 is approximately 33.3 maf (56 percent of total system capacity). The actual end of water year 2017 system storage may vary from this projection, primarily due to uncertainty regarding the season's snowpack and resulting runoff and reservoir inflow. Based on the April minimum and maximum probable inflow forecasts and modeling, the range of end of water year 2017 total system capacity is approximately 32.47 maf (54 percent) to 37.0 maf (62 percent), respectively.

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-430
125 SOUTH STATE STREET, ROOM 6107
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-3709

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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:	Obs			may	Forecast		Outlook		
:	feb	mar	apr	may	%Avg	jun	jul	aug	apr-jul	%Avg
GLDA3:Lake Powell	555	1112	1608	2377	101%:	3300/	1010/	550/	8300/:	116%
GBRW4:Fontenelle	51	180	225	430	263%:	710/	315/	125/	1680/:	232%
GRNU1:Flaming Gorge	106	400	350	582	239%:	870/	378/	150/	2180/:	222%
BMDC2:Blue Mesa	28	70	145	244	110%:	335/	116/	61/	840/:	124%
MPSC2:Morrow Point	29	74	157	263	106%:	360/	125/	64/	905/:	122%
CLSC2:Crystal	34	81	167	285	101%:	405/	139/	73/	995/:	119%
TPIC2:Taylor Park	4.2	5.7	13.0	29	103%:	49/	18/	9/	109/:	110%
VCRC2:Vallecito	7.3	24	45	67	94%:	70/	23/	17/	205/:	106%
NVRN5:Navajo	55	176	235	264	95%:	177/	34/	27/	710/:	97%
LEMC2:Lemon	1.14	4.1	9.8	17.0	79%:	19/	5/	4/	51/:	93%
MPHC2:McPhee	8.4	57	95	130	104%:	85/	15/	10/	325/:	110%
RBSC2:Ridgway	4.5	7.8	11.9	20	77%:	45/	21/	11/	98/:	97%

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2017 24-Month Study

Most Probable Inflow*

Fontenelle Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jun 2016	293	2	101	143	243	6500.14	299
H	Jul 2016	80	3	73	3	76	6500.25	300
I	Aug 2016	29	2	65	0	65	6495.03	262
S	Sep 2016	26	2	36	21	58	6490.22	229
	WY 2016	**943**	**15**	**739**	**213**	**952**		
T	Oct 2016	57	1	0	57	57	6490.08	228
O	Nov 2016	62	1	0	59	59	6490.44	230
R	Dec 2016	37	1	0	63	63	6486.33	203
I	Jan 2017	45	1	0	63	63	6483.20	184
C	Feb 2017	51	1	0	57	57	6482.06	178
A	Mar 2017	180	1	0	150	150	6486.90	207
L	Apr 2017	225	1	0	304	304	6472.17	128
*	May 2017	430	1	54	373	427	6472.55	129
	Jun 2017	710	2	102	393	495	6505.68	343
	Jul 2017	315	3	99	229	328	6503.66	327
	Aug 2017	125	2	105	95	200	6493.23	250
	Sep 2017	85	2	80	0	80	6493.71	253
	WY 2017	**2322**	**15**	**440**	**1843**	**2283**		
	Oct 2017	73	1	80	0	80	6492.54	245
	Nov 2017	63	1	80	0	80	6489.81	227
	Dec 2017	48	1	80	0	80	6484.82	195
	Jan 2018	45	1	80	0	80	6478.57	159
	Feb 2018	40	0	69	0	69	6472.47	130
	Mar 2018	60	0	76	0	76	6468.59	113
	Apr 2018	88	1	81	0	81	6470.20	120
	May 2018	165	1	99	12	110	6481.15	173
	Jun 2018	300	2	103	62	165	6500.93	306
	Jul 2018	190	3	100	50	150	6505.70	343
	Aug 2018	72	2	93	0	93	6502.75	320
	Sep 2018	46	2	69	0	69	6499.45	295
	WY 2018	**1190**	**15**	**1010**	**124**	**1134**		
	Oct 2018	49	1	70	0	70	6496.37	272
	Nov 2018	42	1	68	0	68	6492.63	246
	Dec 2018	32	1	70	0	70	6486.75	207
	Jan 2019	30	1	70	0	70	6479.98	167
	Feb 2019	28	0	63	0	63	6472.60	130
	Mar 2019	53	0	70	0	70	6468.42	113
	Apr 2019	85	1	75	0	75	6470.76	122
	May 2019	164	1	98	22	120	6479.67	165

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3036

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2017 24-Month Study

Most Probable Inflow*

Flaming Gorge Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	Jun 2016	455	405	11	270	198	469	135	6030.17	3356	965
H	Jul 2016	91	88	13	116	4	120	133	6029.03	3312	220
I	Aug 2016	28	64	13	110	0	110	131	6027.55	3255	133
S	Sep 2016	36	67	11	107	0	107	129	6026.27	3207	128
	WY 2016	**1427**	**1437**	**80**	**1406**	**203**	**1609**				**3435**
T	Oct 2016	70	70	7	85	0	85	128	6025.69	3186	119
O	Nov 2016	73	70	4	77	0	77	128	6025.41	3175	112
R	Dec 2016	35	61	2	106	0	106	126	6024.19	3130	136
I	Jan 2017	49	67	2	110	0	110	124	6023.01	3087	155
C	Feb 2017	106	112	2	109	0	109	124	6023.03	3088	189
A	Mar 2017	400	370	3	256	26	282	128	6025.25	3169	408
L	Apr 2017	350	428	5	268	244	511	124	6022.93	3084	745
*	May 2017	582	580	8	278	171	449	129	6026.15	3203	857
	Jun 2017	870	655	10	282	212	494	135	6029.97	3348	849
	Jul 2017	378	391	14	179	0	179	142	6034.80	3538	244
	Aug 2017	150	225	13	148	0	148	145	6036.32	3600	168
	Sep 2017	100	95	12	143	0	143	142	6034.90	3542	158
	WY 2017	**3162**	**3124**	**82**	**2040**	**653**	**2693**				**4141**
	Oct 2017	95	102	8	148	0	148	140	6033.63	3491	172
	Nov 2017	84	101	4	143	0	143	139	6032.52	3447	174
	Dec 2017	55	87	2	148	0	148	136	6030.99	3388	173
	Jan 2018	64	99	2	148	0	148	134	6029.74	3339	170
	Feb 2018	64	93	2	133	0	133	133	6028.67	3298	155
	Mar 2018	120	136	3	172	0	172	131	6027.69	3261	239
	Apr 2018	150	143	5	167	0	167	130	6026.95	3233	357
	May 2018	235	180	8	210	0	210	129	6026.00	3197	705
	Jun 2018	360	225	10	186	0	186	130	6026.74	3225	636
	Jul 2018	213	173	13	94	0	94	132	6028.42	3288	172
	Aug 2018	85	106	13	94	0	94	132	6028.41	3288	115
	Sep 2018	55	78	11	91	0	91	131	6027.82	3266	106
	WY 2018	**1580**	**1524**	**80**	**1732**	**0**	**1732**				**3172**
	Oct 2018	59	80	7	94	0	94	131	6027.29	3246	122
	Nov 2018	51	77	3	91	0	91	130	6026.85	3229	120
	Dec 2018	35	73	2	94	0	94	129	6026.27	3207	119
	Jan 2019	40	80	2	94	0	94	128	6025.87	3193	119
	Feb 2019	45	80	2	85	0	85	128	6025.70	3186	113
	Mar 2019	102	120	3	94	0	94	129	6026.30	3208	171
	Apr 2019	134	123	5	91	0	91	130	6027.00	3235	306
	May 2019	245	201	8	150	0	150	132	6028.12	3277	682

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2017 24-Month Study

Most Probable Inflow*

Taylor Park Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jun 2016	41	20	9325.34	97
H	Jul 2016	11	21	9320.04	87
I	Aug 2016	9	16	9315.75	79
S	Sep 2016	6	14	9310.77	71
	WY 2016	**125**	**125**		
T	Oct 2016	5	6	9310.23	70
O	Nov 2016	4	5	9309.76	70
R	Dec 2016	5	5	9309.56	69
I	Jan 2017	6	5	9309.76	70
C	Feb 2017	4	5	9309.43	69
A	Mar 2017	6	6	9309.23	69
L	Apr 2017	13	8	9312.04	73
*	May 2017	29	18	9318.55	84
	Jun 2017	49	31	9327.87	102
	Jul 2017	18	25	9324.18	95
	Aug 2017	9	20	9318.21	84
	Sep 2017	8	18	9312.52	74
	WY 2017	**156**	**154**		
	Oct 2017	7	8	9311.98	73
	Nov 2017	6	6	9311.98	73
	Dec 2017	5	6	9311.37	72
	Jan 2018	5	6	9310.75	71
	Feb 2018	3	6	9308.85	68
	Mar 2018	4	6	9307.56	66
	Apr 2018	7	6	9308.21	67
	May 2018	25	20	9311.37	72
	Jun 2018	40	22	9321.71	90
	Jul 2018	15	22	9317.85	83
	Aug 2018	9	20	9311.37	72
	Sep 2018	7	16	9305.58	63
	WY 2018	**133**	**144**		
	Oct 2018	6	8	9304.52	62
	Nov 2018	5	6	9303.84	61
	Dec 2018	5	6	9302.93	59
	Jan 2019	4	6	9301.76	58
	Feb 2019	4	6	9300.17	55
	Mar 2019	4	6	9299.01	54
	Apr 2019	9	6	9301.04	57
	May 2019	28	20	9306.75	65

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3036

Processed On: 6/9/2017 11:56:00AM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2017 24-Month Study

Most Probable Inflow*

Blue Mesa Reservoir

	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jun 2016	285	265	1	46	0	46	7514.84	788
H	Jul 2016	81	91	2	112	0	112	7512.31	766
I	Aug 2016	57	65	1	110	0	110	7506.94	720
S	Sep 2016	38	46	1	100	0	100	7500.48	665
	WY 2016	**881**	**882**	**9**	**913**	**19**	**934**		
T	Oct 2016	32	33	1	90	0	90	7493.44	608
O	Nov 2016	26	27	0	33	0	33	7492.53	601
R	Dec 2016	26	26	0	35	0	35	7491.43	593
I	Jan 2017	29	28	0	34	0	34	7490.68	587
C	Feb 2017	28	29	0	44	1	44	7488.71	571
A	Mar 2017	70	70	0	69	0	70	7488.71	571
L	Apr 2017	145	140	1	53	0	53	7499.55	658
*	May 2017	244	233	1	151	65	293	7491.98	597
	Jun 2017	335	317	1	148	0	148	7512.20	765
	Jul 2017	116	123	2	97	0	97	7514.99	790
	Aug 2017	61	72	1	108	0	108	7510.79	753
	Sep 2017	47	57	1	106	0	106	7504.93	702
	WY 2017	**1158**	**1156**	**9**	**968**	**66**	**1110**		
	Oct 2017	44	45	1	70	0	70	7501.89	677
	Nov 2017	37	37	0	67	0	67	7498.26	647
	Dec 2017	32	33	0	113	0	113	7488.15	567
	Jan 2018	27	28	0	54	0	54	7484.65	540
	Feb 2018	24	27	0	38	0	38	7483.09	529
	Mar 2018	36	38	0	44	0	44	7482.21	522
	Apr 2018	68	67	1	56	0	56	7483.55	532
	May 2018	195	190	1	154	0	154	7488.12	567
	Jun 2018	260	242	1	58	0	58	7510.42	749
	Jul 2018	100	107	2	88	0	88	7512.47	767
	Aug 2018	52	63	1	96	0	96	7508.60	734
	Sep 2018	40	49	1	94	0	94	7503.16	688
	WY 2018	**915**	**926**	**9**	**932**	**0**	**932**		
	Oct 2018	40	41	1	64	0	64	7500.37	664
	Nov 2018	32	33	0	58	0	58	7497.28	639
	Dec 2018	26	27	0	98	0	98	7488.30	568
	Jan 2019	24	26	0	55	0	55	7484.52	539
	Feb 2019	22	25	0	44	0	44	7481.95	520
	Mar 2019	36	38	0	45	0	45	7480.88	512
	Apr 2019	77	74	1	55	0	55	7483.40	531
	May 2019	221	213	1	139	0	139	7492.82	603

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2017 24-Month Study

Most Probable Inflow*

Morrow Point Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jun 2016	302	46	18	64	52	0	52	7152.31	111
H	Jul 2016	83	112	2	114	113	0	113	7153.43	112
I	Aug 2016	58	110	1	111	111	0	111	7153.88	112
S	Sep 2016	39	100	1	100	103	0	103	7150.03	109
	WY 2016	**931**	**934**	**49**	**983**	**972**	**5**	**978**		
T	Oct 2016	33	90	1	91	93	0	93	7146.55	106
O	Nov 2016	28	33	2	36	32	0	35	7147.39	107
R	Dec 2016	27	35	1	36	34	0	34	7150.44	109
I	Jan 2017	30	34	2	36	33	0	33	7153.75	112
C	Feb 2017	29	44	1	45	55	0	55	7140.48	102
A	Mar 2017	74	70	5	74	64	0	68	7148.96	108
L	Apr 2017	157	53	12	66	65	0	65	7149.64	109
*	May 2017	263	293	19	312	203	0	312	7149.70	109
	Jun 2017	360	148	25	173	170	0	170	7153.73	112
	Jul 2017	125	97	9	106	106	0	106	7153.73	112
	Aug 2017	64	108	3	111	111	0	111	7153.73	112
	Sep 2017	51	106	4	110	110	0	110	7153.73	112
	WY 2017	**1243**	**1110**	**84**	**1194**	**1076**	**0**	**1191**		
	Oct 2017	46	70	2	72	72	0	72	7153.73	112
	Nov 2017	38	67	1	68	68	0	68	7153.73	112
	Dec 2017	33	113	1	114	114	0	114	7153.73	112
	Jan 2018	29	54	2	56	56	0	56	7153.73	112
	Feb 2018	26	38	2	40	40	0	40	7153.73	112
	Mar 2018	40	44	4	48	48	0	48	7153.73	112
	Apr 2018	78	56	10	66	66	0	66	7153.73	112
	May 2018	215	154	20	174	174	0	174	7153.73	112
	Jun 2018	275	58	15	73	73	0	73	7153.73	112
	Jul 2018	105	88	5	93	93	0	93	7153.73	112
	Aug 2018	54	96	2	98	98	0	98	7153.73	112
	Sep 2018	41	94	1	95	95	0	95	7153.73	112
	WY 2018	**980**	**932**	**65**	**997**	**997**	**0**	**997**		
	Oct 2018	41	64	1	65	65	0	65	7153.73	112
	Nov 2018	33	58	2	59	59	0	59	7153.73	112
	Dec 2018	28	98	2	100	100	0	100	7153.73	112
	Jan 2019	27	55	2	57	57	0	57	7153.73	112
	Feb 2019	25	44	3	46	46	0	46	7153.73	112
	Mar 2019	40	45	4	49	49	0	49	7153.73	112
	Apr 2019	88	55	11	66	66	0	66	7153.73	112
	May 2019	247	139	26	165	165	0	165	7153.73	112

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Managing Water in the West

June 2017 24-Month Study

Most Probable Inflow*

Crystal Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
*	Jun 2016	344	52	41	93	74	20	93	6752.00	17	43	53
H	Jul 2016	89	113	6	119	117	2	119	6750.04	16	64	58
I	Aug 2016	62	111	4	114	114	0	114	6749.30	16	62	53
S	Sep 2016	42	103	3	106	106	1	107	6747.05	15	59	47
	WY 2016	**1038**	**978**	**107**	**1085**	**811**	**243**	**1084**			**384**	**724**
T	Oct 2016	37	93	4	97	97	0	97	6747.92	15	57	39
O	Nov 2016	31	35	3	38	37	0	37	6750.47	16	1	36
R	Dec 2016	31	34	4	38	36	1	37	6751.45	17	0	37
I	Jan 2017	35	33	4	37	36	2	37	6750.29	16	1	37
C	Feb 2017	34	55	4	59	56	4	60	6749.56	16	0	60
A	Mar 2017	81	68	6	74	0	73	73	6752.06	17	8	66
L	Apr 2017	167	65	10	75	31	44	75	6751.65	17	39	37
*	May 2017	285	312	22	334	86	73	331	6759.83	19	62	270
	Jun 2017	405	170	45	215	130	87	217	6753.04	17	60	157
	Jul 2017	139	106	14	120	120	0	120	6753.04	17	65	55
	Aug 2017	73	111	9	120	120	0	120	6753.04	17	65	55
	Sep 2017	57	110	6	116	116	0	116	6753.04	17	55	61
	WY 2017	**1374**	**1191**	**131**	**1322**	**864**	**285**	**1321**			**413**	**910**
	Oct 2017	54	72	8	80	80	0	80	6753.04	17	30	50
	Nov 2017	43	68	5	73	73	0	73	6753.04	17	0	73
	Dec 2017	39	114	6	120	120	0	120	6753.04	17	0	120
	Jan 2018	34	56	5	61	61	0	61	6753.04	17	0	61
	Feb 2018	30	40	4	44	44	0	44	6753.04	17	0	44
	Mar 2018	46	48	6	54	54	0	54	6753.04	17	5	49
	Apr 2018	89	66	11	77	77	0	77	6753.04	17	30	47
	May 2018	240	174	25	199	134	65	199	6753.04	17	55	144
	Jun 2018	305	73	30	103	103	0	103	6753.04	17	60	43
	Jul 2018	117	93	12	105	105	0	105	6753.04	17	65	40
	Aug 2018	61	98	7	105	105	0	105	6753.04	17	65	40
	Sep 2018	47	95	6	101	101	0	101	6753.04	17	55	46
	WY 2018	**1105**	**997**	**125**	**1122**	**1057**	**65**	**1122**			**365**	**757**
	Oct 2018	47	65	6	71	71	0	71	6753.04	17	30	41
	Nov 2018	38	59	5	64	64	0	64	6753.04	17	0	64
	Dec 2018	32	100	5	105	105	0	105	6753.04	17	0	105
	Jan 2019	31	57	5	61	61	0	61	6753.04	17	0	61
	Feb 2019	29	46	4	50	50	0	50	6753.04	17	0	50
	Mar 2019	46	49	6	55	55	0	55	6753.04	17	5	50
	Apr 2019	101	66	12	79	79	0	79	6753.04	17	30	49
	May 2019	281	165	34	200	134	65	200	6753.04	17	55	145

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2017 24-Month Study

Most Probable Inflow*

Vallecito Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jun 2016	77	73	7664.30	124
H	Jul 2016	17	38	7656.15	102
I	Aug 2016	15	33	7648.82	84
S	Sep 2016	14	27	7643.21	71
	WY 2016	**269**	**270**		
T	Oct 2016	11	8	7644.63	74
O	Nov 2016	6	2	7646.51	79
R	Dec 2016	6	2	7647.98	82
I	Jan 2017	7	5	7648.89	84
C	Feb 2017	7	15	7645.42	76
A	Mar 2017	24	24	7645.75	77
L	Apr 2017	45	35	7649.82	87
*	May 2017	67	44	7658.86	109
	Jun 2017	70	61	7662.17	118
	Jul 2017	23	42	7654.77	99
	Aug 2017	17	38	7645.94	77
	Sep 2017	16	30	7639.62	63
	WY 2017	**300**	**304**		
	Oct 2017	13	17	7637.51	59
	Nov 2017	9	2	7640.90	66
	Dec 2017	7	2	7643.23	71
	Jan 2018	6	2	7645.05	75
	Feb 2018	5	2	7646.46	79
	Mar 2018	7	2	7648.58	84
	Apr 2018	21	2	7656.27	102
	May 2018	60	42	7663.02	120
	Jun 2018	68	62	7665.00	125
	Jul 2018	27	42	7659.16	110
	Aug 2018	17	38	7650.69	89
	Sep 2018	15	30	7644.30	74
	WY 2018	**255**	**241**		
	Oct 2018	14	17	7642.85	70
	Nov 2018	8	2	7645.72	77
	Dec 2018	6	2	7647.63	81
	Jan 2019	5	2	7649.10	85
	Feb 2019	5	2	7650.34	88
	Mar 2019	9	2	7653.03	94
	Apr 2019	23	2	7661.31	116
	May 2019	71	68	7662.29	118

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Managing Water in the West

June 2017 24-Month Study

Most Probable Inflow*

Navajo Reservoir

	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azetea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Farmington Flow (1000 Ac-Ft)
*	Jun 2016	214	35	174	5	25	250	6067.29	1443	387
H	Jul 2016	24	4	40	5	37	79	6061.29	1364	105
I	Aug 2016	30	4	45	4	33	35	6059.16	1337	56
S	Sep 2016	21	1	33	3	27	30	6056.98	1310	41
	WY 2016	**863**	**96**	**769**	**29**	**169**	**653**			**1077**
T	Oct 2016	27	0	24	2	5	27	6056.19	1300	46
O	Nov 2016	24	0	19	1	0	22	6055.87	1296	43
R	Dec 2016	25	0	22	1	0	20	6055.92	1297	40
I	Jan 2017	34	0	31	1	0	22	6056.65	1306	39
C	Feb 2017	55	1	62	1	1	26	6059.31	1339	48
A	Mar 2017	176	17	159	2	6	30	6068.54	1460	89
L	Apr 2017	235	33	192	3	19	33	6078.18	1598	137
*	May 2017	264	45	198	4	25	231	6073.94	1536	314
	Jun 2017	177	40	127	4	40	266	6060.42	1353	402
	Jul 2017	34	7	45	4	46	40	6056.83	1308	91
	Aug 2017	27	2	46	3	39	38	6054.12	1275	69
	Sep 2017	34	1	47	3	21	29	6053.60	1268	57
	WY 2017	**1112**	**147**	**973**	**28**	**202**	**784**			**1375**
	Oct 2017	38	2	40	2	8	23	6054.21	1276	46
	Nov 2017	34	1	26	1	0	21	6054.55	1280	39
	Dec 2017	26	0	21	1	0	22	6054.43	1279	37
	Jan 2018	24	0	20	1	0	22	6054.24	1276	35
	Feb 2018	27	0	24	1	0	19	6054.51	1280	30
	Mar 2018	72	3	64	2	5	22	6057.42	1315	40
	Apr 2018	136	16	101	2	21	21	6061.92	1372	63
	May 2018	270	38	214	4	35	22	6073.24	1526	157
	Jun 2018	198	31	161	5	51	21	6078.99	1610	154
	Jul 2018	44	6	53	5	56	53	6074.84	1549	108
	Aug 2018	35	1	55	4	47	66	6070.42	1486	98
	Sep 2018	36	1	50	3	26	119	6063.17	1389	144
	WY 2018	**940**	**98**	**828**	**29**	**249**	**429**			**949**
	Oct 2018	42	2	43	2	10	31	6063.25	1390	55
	Nov 2018	32	1	24	1	0	30	6062.76	1383	47
	Dec 2018	25	0	20	1	0	31	6061.92	1372	46
	Jan 2019	22	0	18	1	0	31	6060.91	1359	44
	Feb 2019	30	0	27	1	0	28	6060.79	1358	40
	Mar 2019	92	2	83	2	5	22	6064.98	1413	44
	Apr 2019	170	15	134	3	21	21	6071.54	1502	73
	May 2019	277	37	237	4	36	256	6067.26	1443	403

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Managing Water in the West

June 2017 24-Month Study

Most Probable Inflow*

Lake Powell

	Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry Gage (1000 Ac-Ft)
*	Jun 2016	2907	2618	46	800	0	800	3620.01	5155	13764	807
H	Jul 2016	595	804	58	950	0	950	3618.22	5140	13576	963
I	Aug 2016	253	432	56	900	0	900	3613.55	5101	13091	914
S	Sep 2016	281	461	50	699	0	699	3610.93	5080	12824	712
	WY 2016	**9616**	**9909**	**378**	**9000**	**0**	**9000**				**9117**
T	Oct 2016	381	477	35	601	0	601	3609.48	5068	12678	610
O	Nov 2016	383	389	33	624	126	750	3605.81	5039	12313	754
R	Dec 2016	300	366	26	898	0	898	3600.49	4997	11797	913
I	Jan 2017	359	415	8	880	0	880	3595.86	4962	11359	900
C	Feb 2017	555	565	8	711	0	711	3594.33	4951	11217	720
A	Mar 2017	1112	895	14	722	0	722	3595.91	4963	11364	730
L	Apr 2017	1608	1494	23	623	0	623	3604.14	5026	12149	629
*	May 2017	2377	2321	29	652	0	652	3619.09	5147	13667	657
	Jun 2017	3300	2905	51	750	0	750	3636.68	5303	15615	756
	Jul 2017	1010	852	64	850	0	850	3636.18	5298	15557	865
	Aug 2017	550	645	64	900	0	900	3633.62	5275	15262	914
	Sep 2017	420	539	58	662	0	662	3632.14	5261	15094	671
	WY 2017	**12356**	**11863**	**411**	**8874**	**126**	**9000**				**9118**
	Oct 2017	520	594	40	640	0	640	3631.43	5255	15014	646
	Nov 2017	500	576	38	640	0	640	3630.59	5247	14919	644
	Dec 2017	380	549	30	720	0	720	3628.93	5232	14733	726
	Jan 2018	360	469	9	860	0	860	3625.56	5203	14362	866
	Feb 2018	390	466	10	750	0	750	3623.06	5181	14090	752
	Mar 2018	600	618	17	800	0	800	3621.34	5166	13905	805
	Apr 2018	900	826	27	710	0	710	3622.11	5173	13988	718
	May 2018	2050	1809	33	710	0	710	3631.09	5252	14976	716
	Jun 2018	2650	2179	54	750	0	750	3642.07	5354	16249	756
	Jul 2018	800	739	67	850	0	850	3640.69	5340	16085	865
	Aug 2018	400	532	65	900	0	900	3637.27	5308	15683	914
	Sep 2018	350	549	59	670	0	670	3635.83	5295	15516	679
	WY 2018	**9900**	**9906**	**450**	**9000**	**0**	**9000**				**9086**
	Oct 2018	464	523	41	640	0	640	3634.56	5283	15370	646
	Nov 2018	450	515	39	640	0	640	3633.23	5271	15218	644
	Dec 2018	363	499	31	720	0	720	3631.17	5252	14985	726
	Jan 2019	361	454	10	860	0	860	3627.73	5222	14600	866
	Feb 2019	393	452	10	750	0	750	3625.13	5199	14314	752
	Mar 2019	665	603	17	800	0	800	3623.30	5183	14116	805
	Apr 2019	1056	877	27	710	0	710	3624.49	5193	14245	718
	May 2019	2343	2218	34	710	0	710	3636.64	5303	15610	716

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Managing Water in the West

June 2017 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Glen Release (1000 Ac-Ft)	Side Inflow Glen to Hoover (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Jun 2016	800	14	51	920	15.5	28	919	606	1071.64	9330
H	Jul 2016	950	70	64	831	13.5	30	830	612	1072.75	9419
I	Aug 2016	900	107	69	701	11.4	28	700	625	1075.17	9615
S	Sep 2016	699	88	57	702	11.8	22	701	625	1075.23	9620
	WY 2016	**9000**	**798**	**531**	**9293**		**224**	**9282**			
T	Oct 2016	601	78	42	518	8.4	23	517	631	1076.34	9710
O	Nov 2016	750	77	42	751	12.6	16	750	632	1076.55	9727
R	Dec 2016	898	63	36	542	8.8	8	536	655	1080.82	10079
I	Jan 2017	880	128	30	500	8.1	7	494	684	1086.08	10521
C	Feb 2017	711	150	28	488	8.8	7	487	704	1089.78	10838
A	Mar 2017	722	97	32	911	14.8	16	910	696	1088.26	10707
L	Apr 2017	623	92	39	961	16.1	20	960	677	1084.89	10420
*	May 2017	652	40	44	917	14.9	30	915	659	1081.56	10141
	Jun 2017	750	10	53	849	14.3	29	849	649	1079.63	9980
	Jul 2017	850	77	66	806	13.1	32	806	650	1079.88	10001
	Aug 2017	900	127	71	734	11.9	30	734	662	1082.05	10182
	Sep 2017	662	110	58	753	12.6	27	753	658	1081.32	10120
	WY 2017	**9000**	**1049**	**541**	**8729**		**246**	**8710**			
	Oct 2017	640	71	42	612	10.0	22	612	660	1081.70	10153
	Nov 2017	640	65	42	759	12.8	14	759	653	1080.45	10048
	Dec 2017	720	51	37	720	11.7	11	720	653	1080.49	10052
	Jan 2018	860	64	30	716	11.6	11	716	664	1082.37	10208
	Feb 2018	750	72	28	607	10.9	12	607	674	1084.33	10373
	Mar 2018	800	46	31	1036	16.8	20	1036	660	1081.63	10147
	Apr 2018	710	39	38	1095	18.4	27	1095	634	1076.96	9760
	May 2018	710	26	43	966	15.7	32	966	616	1073.43	9474
	Jun 2018	750	10	51	864	14.5	33	864	604	1071.23	9297
	Jul 2018	850	77	64	824	13.4	35	824	605	1071.28	9301
	Aug 2018	900	127	68	767	12.5	34	767	614	1073.12	9449
	Sep 2018	670	110	56	695	11.7	30	695	614	1073.10	9448
	WY 2018	**9000**	**757**	**531**	**9662**		**281**	**9662**			
	Oct 2018	640	71	41	489	8.0	26	489	624	1074.90	9593
	Nov 2018	640	65	41	634	10.6	18	634	624	1075.04	9605
	Dec 2018	720	51	36	592	9.6	14	592	632	1076.53	9726
	Jan 2019	860	64	30	723	11.8	11	723	642	1078.37	9876
	Feb 2019	750	72	27	610	11.0	12	610	653	1080.34	10039
	Mar 2019	800	46	31	1041	16.9	20	1041	638	1077.55	9809
	Apr 2019	710	39	37	1100	18.5	27	1100	612	1072.74	9419
	May 2019	710	26	42	971	15.8	32	971	593	1069.10	9128

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2017 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Jun 2016	920	-16	26	838	0	838	14.1	644.53	1741
H	Jul 2016	831	-24	26	803	0	803	13.1	643.75	1719
I	Aug 2016	701	-12	23	714	0	714	11.6	642.00	1671
S	Sep 2016	702	-18	18	711	0	711	11.9	640.34	1627
	WY 2016	**9293**	**-195**	**198**	**8879**	**0**	**8879**			
T	Oct 2016	518	-7	15	640	0	640	10.4	634.86	1482
O	Nov 2016	751	-29	11	574	0	574	9.6	640.09	1620
R	Dec 2016	542	-17	9	482	0	482	7.8	641.31	1653
I	Jan 2017	500	-23	10	408	0	408	6.6	643.47	1712
C	Feb 2017	488	-13	10	486	0	486	8.7	642.70	1690
A	Mar 2017	911	-27	13	844	0	844	13.7	643.70	1718
L	Apr 2017	961	-23	17	955	0	955	16.1	642.45	1684
*	May 2017	917	-13	22	846	0	846	13.8	643.74	1719
	Jun 2017	849	-18	25	826	0	826	13.9	643.00	1699
	Jul 2017	806	-16	25	779	0	779	12.7	642.50	1685
	Aug 2017	734	-12	23	726	0	726	11.8	641.50	1658
	Sep 2017	753	-11	18	763	0	763	12.8	640.01	1617
	WY 2017	**8729**	**-210**	**198**	**8329**	**0**	**8329**			
	Oct 2017	612	-4	15	776	0	776	12.6	633.00	1434
	Nov 2017	759	-11	10	686	0	686	11.5	635.00	1486
	Dec 2017	720	-10	9	604	0	604	9.8	638.71	1583
	Jan 2018	716	-19	10	604	0	604	9.8	641.80	1666
	Feb 2018	607	-16	10	582	0	582	10.5	641.80	1666
	Mar 2018	1036	-16	13	972	0	972	15.8	643.05	1700
	Apr 2018	1095	-20	17	1060	0	1060	17.8	643.00	1699
	May 2018	966	-13	22	932	0	932	15.2	643.00	1699
	Jun 2018	864	-18	25	848	0	848	14.3	642.00	1671
	Jul 2018	824	-16	25	796	0	796	12.9	641.50	1658
	Aug 2018	767	-12	23	732	0	732	11.9	641.50	1658
	Sep 2018	695	-11	18	706	0	706	11.9	640.01	1617
	WY 2018	**9662**	**-166**	**197**	**9298**	**0**	**9298**			
	Oct 2018	489	-4	15	653	0	653	10.6	633.00	1434
	Nov 2018	634	-11	10	561	0	561	9.4	635.00	1486
	Dec 2018	592	-10	9	476	0	476	7.7	638.71	1583
	Jan 2019	723	-19	10	611	0	611	9.9	641.80	1666
	Feb 2019	610	-16	10	584	0	584	10.5	641.80	1666
	Mar 2019	1041	-16	13	977	0	977	15.9	643.05	1700
	Apr 2019	1100	-20	17	1065	0	1065	17.9	643.00	1699
	May 2019	971	-13	22	937	0	937	15.2	643.00	1699

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2017 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	Jun 2016	838	18	15	633	10.6	95	89	448.81	596	92	1.5
H	Jul 2016	803	20	17	617	10.0	100	74	449.03	600	102	1.7
I	Aug 2016	714	23	17	570	9.3	85	65	448.50	590	99	1.6
S	Sep 2016	711	14	15	490	8.2	89	134	447.97	579	92	1.5
	WY 2016	**8879**	**225**	**140**	**6360**		**1057**	**1467**			**1496**	
T	Oct 2016	640	36	12	466	7.6	80	133	446.90	559	61	1.0
O	Nov 2016	574	21	9	374	6.3	78	140	446.33	549	97	1.6
R	Dec 2016	482	26	7	271	4.4	86	118	447.64	573	112	1.8
I	Jan 2017	408	33	6	244	4.0	68	126	447.29	567	126	2.1
C	Feb 2017	486	14	8	393	7.1	13	62	448.30	586	160	2.9
A	Mar 2017	844	11	9	687	11.2	24	136	447.83	577	203	3.3
L	Apr 2017	955	13	11	729	12.3	42	160	448.73	594	181	3.0
*	May 2017	846	23	13	634	10.3	44	175	448.31	586	111	1.8
	Jun 2017	826	15	15	671	11.3	55	79	448.70	593	105	1.8
	Jul 2017	779	26	17	644	10.5	57	77	448.50	590	111	1.8
	Aug 2017	726	25	17	571	9.3	94	77	447.50	570	100	1.6
	Sep 2017	763	20	15	523	8.8	92	144	447.50	571	89	1.5
	WY 2017	**8329**	**262**	**140**	**6207**		**734**	**1428**			**1456**	
	Oct 2017	776	28	12	499	8.1	94	191	447.50	571	74	1.2
	Nov 2017	686	19	9	406	6.8	94	190	447.50	571	113	1.9
	Dec 2017	604	19	7	343	5.6	96	190	446.50	552	134	2.2
	Jan 2018	604	17	6	361	5.9	93	157	446.50	552	138	2.2
	Feb 2018	582	10	8	477	8.6	27	73	446.50	552	160	2.9
	Mar 2018	972	7	9	713	11.6	93	152	446.70	555	198	3.2
	Apr 2018	1060	19	11	745	12.5	90	184	448.70	593	175	2.9
	May 2018	932	15	13	640	10.4	93	189	448.70	593	104	1.7
	Jun 2018	848	15	16	671	11.3	90	73	448.70	593	105	1.8
	Jul 2018	796	26	17	639	10.4	93	73	448.00	580	111	1.8
	Aug 2018	732	25	17	573	9.3	92	73	447.50	571	100	1.6
	Sep 2018	706	20	15	510	8.6	35	157	447.50	570	89	1.5
	WY 2018	**9298**	**220**	**139**	**6578**		**991**	**1704**			**1501**	
	Oct 2018	653	28	12	486	7.9	29	147	447.50	571	74	1.2
	Nov 2018	561	19	9	390	6.5	28	147	447.50	571	116	1.9
	Dec 2018	476	19	7	326	5.3	29	147	446.50	552	131	2.1
	Jan 2019	611	17	6	360	5.8	101	157	446.50	552	138	2.2
	Feb 2019	584	10	8	475	8.6	31	73	446.50	552	160	2.9
	Mar 2019	977	7	9	710	11.5	101	152	446.70	555	198	3.2
	Apr 2019	1065	19	11	742	12.5	98	184	448.70	593	175	2.9
	May 2019	937	15	13	637	10.4	101	189	448.70	593	104	1.7

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2017 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Jun 2016	920	15.5	1071.64	9330	-174	425.27	1528.0	349.7	100	380.2
H	Jul 2016	831	13.5	1072.75	9419	89	427.46	1528.0	311.5	100	374.8
I	Aug 2016	701	11.4	1075.17	9615	196	431.00	1549.0	265.2	100	378.4
S	Sep 2016	702	11.8	1075.23	9620	5	429.97	1539.0	266.3	100	379.1
	WY 2016	**9293**							**3596.9**		
T	Oct 2016	518	8.4	1076.34	9710	90	438.10	1335.0	195.2	87	377.1
O	Nov 2016	751	12.6	1076.55	9727	17	427.42	1072.0	290.6	80	386.7
R	Dec 2016	542	8.8	1080.82	10079	352	438.26	1103.0	207.3	71	382.3
I	Jan 2017	500	8.1	1086.08	10521	442	442.12	857.0	192.4	55	384.9
C	Feb 2017	488	8.8	1089.78	10838	317	446.75	938.0	190.4	58	390.4
A	Mar 2017	911	14.8	1088.26	10707	-131	440.44	1291.1	362.0	79	397.2
L	Apr 2017	961	16.1	1084.89	10420	-287	439.75	1227.0	381.0	76	396.5
*	May 2017	917	14.9	1081.56	10141	-280	434.83	1307.0	360.6	80	393.4
	Jun 2017	849	14.3	1079.63	9980	-161	427.55	1500.0	332.9	94	392.3
	Jul 2017	806	13.1	1079.88	10001	21	427.13	1476.0	313.5	93	388.7
	Aug 2017	734	11.9	1082.05	10182	181	428.82	1486.0	283.3	94	386.2
	Sep 2017	753	12.6	1081.32	10120	-61	429.65	1585.0	292.5	100	388.7
	WY 2017	**8729**							**3401.6**		
	Oct 2017	612	10.0	1081.70	10153	32	434.34	1181.0	239.4	74	391.2
	Nov 2017	759	12.8	1080.45	10048	-104	437.60	970.0	306.2	61	403.4
	Dec 2017	720	11.7	1080.49	10052	3	436.89	714.0	292.6	45	406.3
	Jan 2018	716	11.6	1082.37	10208	157	433.10	1100.1	281.6	69	393.1
	Feb 2018	607	10.9	1084.33	10373	165	432.63	1321.0	235.0	81	387.1
	Mar 2018	1036	16.8	1081.63	10147	-226	431.84	1323.1	406.6	81	392.6
	Apr 2018	1095	18.4	1076.96	9760	-386	427.90	1294.9	431.7	80	394.0
	May 2018	966	15.7	1073.43	9474	-287	422.46	1499.1	371.2	93	384.1
	Jun 2018	864	14.5	1071.23	9297	-177	419.25	1607.0	325.2	100	376.5
	Jul 2018	824	13.4	1071.28	9301	4	418.67	1622.0	314.1	100	381.2
	Aug 2018	767	12.5	1073.12	9449	148	419.77	1648.0	291.0	100	379.4
	Sep 2018	695	11.7	1073.10	9448	-2	421.16	1656.0	262.8	100	378.0
	WY 2018	**9662**							**3757.3**		
	Oct 2018	489	8.0	1074.90	9593	145	426.71	1267.1	189.0	76	386.5
	Nov 2018	634	10.6	1075.04	9605	11	431.53	944.5	246.6	61	389.3
	Dec 2018	592	9.6	1076.53	9726	121	432.22	698.6	234.5	45	396.2
	Jan 2019	723	11.8	1078.37	9876	151	429.15	1067.4	282.0	69	390.2
	Feb 2019	610	11.0	1080.34	10039	162	428.67	1273.4	234.2	81	384.0
	Mar 2019	1041	16.9	1077.55	9809	-230	427.83	1263.5	405.0	81	389.2
	Apr 2019	1100	18.5	1072.74	9419	-390	423.78	1225.5	429.4	80	390.3
	May 2019	971	15.8	1069.10	9128	-290	418.23	1405.7	369.5	93	380.4

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2017 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Jun 2016	838	14.1	644.53	1741	40	143.17	255.0	107.4	100	128.1
H	Jul 2016	803	13.1	643.75	1719	-22	144.39	252.5	103.3	99	128.6
I	Aug 2016	714	11.6	642.00	1671	-48	142.46	255.0	91.6	100	128.4
S	Sep 2016	711	11.9	640.34	1627	-45	138.91	255.0	90.5	100	127.3
	WY 2016	**8879**							**1129.0**		
T	Oct 2016	640	10.4	634.86	1482	-144	135.70	201.5	79.3	79	123.8
O	Nov 2016	574	9.6	640.09	1620	138	140.91	170.9	71.1	67	123.8
R	Dec 2016	482	7.8	641.31	1653	33	138.48	168.3	61.4	66	127.3
I	Jan 2017	408	6.6	643.47	1712	59	143.95	164.5	54.6	65	133.8
C	Feb 2017	486	8.7	642.70	1690	-21	141.54	162.1	63.8	64	131.4
A	Mar 2017	844	13.7	643.70	1718	28	141.08	194.1	109.6	76	129.9
L	Apr 2017	955	16.1	642.45	1684	-34	138.31	204.0	131.0	80	137.2
*	May 2017	846	13.8	643.74	1719	35	142.74	232.0	108.4	91	128.1
	Jun 2017	826	13.9	643.00	1699	-20	136.41	255.0	104.0	100	126.0
	Jul 2017	779	12.7	642.50	1685	-14	135.78	255.0	98.0	100	125.8
	Aug 2017	726	11.8	641.50	1658	-27	134.99	255.0	91.0	100	125.4
	Sep 2017	763	12.8	640.01	1617	-40	133.68	255.0	94.6	100	124.0
	WY 2017	**8329**							**1066.8**		
	Oct 2017	776	12.6	633.00	1434	-183	130.74	202.3	93.3	79	120.2
	Nov 2017	686	11.5	635.00	1486	51	129.19	170.0	81.2	67	118.3
	Dec 2017	604	9.8	638.71	1583	97	132.25	167.8	73.4	66	121.5
	Jan 2018	604	9.8	641.80	1666	83	134.43	210.6	75.3	83	124.6
	Feb 2018	582	10.5	641.80	1666	0	136.73	187.6	73.1	74	125.7
	Mar 2018	972	15.8	643.05	1700	34	137.26	190.8	121.0	75	124.5
	Apr 2018	1060	17.8	643.00	1699	-2	136.07	255.0	131.9	100	124.5
	May 2018	932	15.2	643.00	1699	0	136.04	255.0	116.7	100	125.2
	Jun 2018	848	14.3	642.00	1671	-27	135.51	255.0	106.0	100	125.1
	Jul 2018	796	12.9	641.50	1658	-14	134.73	255.0	99.4	100	124.8
	Aug 2018	732	11.9	641.50	1658	0	134.46	255.0	91.5	100	124.9
	Sep 2018	706	11.9	640.01	1617	-40	133.68	255.0	87.8	100	124.3
	WY 2018	**9298**							**1150.6**		
	Oct 2018	653	10.6	633.00	1434	-183	130.74	202.3	79.0	79	120.9
	Nov 2018	561	9.4	635.00	1486	51	129.19	170.0	66.8	67	119.1
	Dec 2018	476	7.7	638.71	1583	97	132.25	167.8	58.2	66	122.3
	Jan 2019	611	9.9	641.80	1666	83	134.43	210.6	76.1	83	124.5
	Feb 2019	584	10.5	641.80	1666	0	136.73	187.6	73.5	74	125.7
	Mar 2019	977	15.9	643.05	1700	34	137.26	190.8	121.6	75	124.5
	Apr 2019	1065	17.9	643.00	1699	-2	136.07	255.0	132.5	100	124.4
	May 2019	937	15.2	643.00	1699	0	136.04	255.0	117.3	100	125.2

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2017 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Jun 2016	633	10.6	448.81	596	14	83.02	120.0	44.8	100	70.8
H	Jul 2016	617	10.0	449.03	600	4	83.16	120.0	43.7	100	70.9
I	Aug 2016	570	9.3	448.50	590	-10	82.60	120.0	40.2	100	70.7
S	Sep 2016	490	8.2	447.97	579	-10	82.24	120.0	34.7	100	70.9
	WY 2016	**6345**							**447.6**		
T	Oct 2016	466	7.6	446.90	559	-20	78.88	93.6	32.8	78	70.5
O	Nov 2016	374	6.3	446.33	549	-11	80.55	90.0	26.0	75	69.6
R	Dec 2016	271	4.4	447.64	573	24	83.20	117.6	17.9	98	65.9
I	Jan 2017	244	4.0	447.29	567	-6	81.95	93.9	16.2	78	66.5
C	Feb 2017	393	7.1	448.30	586	19	82.67	90.0	27.9	75	71.0
A	Mar 2017	687	11.2	447.83	577	-9	79.98	90.0	48.8	75	71.1
L	Apr 2017	729	12.3	448.73	594	17	80.51	120.0	51.3	100	70.3
*	May 2017	634	10.3	448.31	586	-8	82.36	120.0	44.8	100	70.6
	Jun 2017	671	11.3	448.70	593	8	75.86	120.0	44.5	100	66.3
	Jul 2017	644	10.5	448.50	590	-4	75.95	120.0	42.7	100	66.2
	Aug 2017	571	9.3	447.50	570	-19	75.37	120.0	37.4	100	65.5
	Sep 2017	523	8.8	447.50	571	0	76.09	94.0	34.6	78	66.2
	WY 2017	**6207**							**424.9**		
	Oct 2017	499	8.1	447.50	571	0	74.97	118.1	32.4	98	64.9
	Nov 2017	406	6.8	447.50	571	0	76.29	90.0	26.6	75	65.6
	Dec 2017	343	5.6	446.50	552	-19	75.66	92.9	22.1	77	64.4
	Jan 2018	361	5.9	446.50	552	0	74.29	111.3	22.9	93	63.5
	Feb 2018	477	8.6	446.50	552	0	74.73	101.8	31.0	85	65.0
	Mar 2018	713	11.6	446.70	555	4	74.69	104.5	46.8	87	65.6
	Apr 2018	745	12.5	448.70	593	38	75.08	120.0	49.1	100	65.9
	May 2018	640	10.4	448.70	593	0	76.05	120.0	42.4	100	66.3
	Jun 2018	671	11.3	448.70	593	0	76.05	120.0	44.6	100	66.5
	Jul 2018	639	10.4	448.00	580	-13	75.71	120.0	42.2	100	66.0
	Aug 2018	573	9.3	447.50	571	-9	75.13	120.0	37.5	100	65.4
	Sep 2018	510	8.6	447.50	570	0	74.89	120.0	33.1	100	65.0
	WY 2018	**6578**							**430.8**		
	Oct 2018	486	7.9	447.50	571	0	75.85	98.7	31.9	82	65.6
	Nov 2018	390	6.5	447.50	571	0	75.83	99.0	25.3	83	65.0
	Dec 2018	326	5.3	446.50	552	-19	74.40	120.0	20.6	100	63.2
	Jan 2019	360	5.8	446.50	552	0	75.02	95.8	23.0	80	64.1
	Feb 2019	475	8.6	446.50	552	0	75.21	92.1	31.1	77	65.5
	Mar 2019	710	11.5	446.70	555	4	74.05	119.0	46.1	99	65.0
	Apr 2019	742	12.5	448.70	593	38	75.08	120.0	48.9	100	65.9
	May 2019	637	10.4	448.70	593	0	76.05	120.0	42.2	100	66.3

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3036

Processed On: 6/9/2017 11:56:00AM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2017 24-Month Study

Most Probable Inflow*

Upper Basin Power

	Date	Glen Canyon 1000 MWHR	Flaming Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Reservoir 1000 MWHR	Fontenelle Reservoir 1000 MWHR
*	Jun 2016	360	105	14	18	15	9
H	Jul 2016	435	46	34	40	22	6
I	Aug 2016	408	44	33	39	22	6
S	Sep 2016	315	42	30	36	20	3
	Summer 2016	**2111**	**276**	**166**	**218**	**116**	**34**
T	Oct 2016	269	33	26	33	19	0
O	Nov 2016	277	30	9	11	6	0
R	Dec 2016	395	41	10	11	6	0
I	Jan 2017	385	43	10	11	5	0
C	Feb 2017	307	43	13	19	10	0
A	Mar 2017	312	97	19	22	0	0
	Winter 2017	**1945**	**289**	**87**	**107**	**46**	**0**
L	Apr 2017	270	102	15	22	6	0
*	May 2017	291	105	43	72	17	4
	Jun 2017	314	103	45	61	22	8
	Jul 2017	361	66	30	38	21	10
	Aug 2017	381	55	34	40	21	10
	Sep 2017	280	53	33	40	20	7
	Summer 2017	**1897**	**484**	**200**	**273**	**107**	**38**
	Oct 2017	270	55	21	26	14	7
	Nov 2017	269	53	20	24	13	7
	Dec 2017	302	54	34	41	21	6
	Jan 2018	360	54	16	20	11	6
	Feb 2018	312	49	11	15	8	5
	Mar 2018	332	63	13	17	9	5
	Winter 2018	**1846**	**328**	**115**	**144**	**75**	**36**
	Apr 2018	294	61	16	24	13	5
	May 2018	296	77	45	63	23	7
	Jun 2018	318	68	17	26	18	9
	Jul 2018	364	34	27	33	18	10
	Aug 2018	384	34	30	35	18	9
	Sep 2018	285	33	29	34	17	6
	Summer 2018	**1941**	**307**	**165**	**216**	**108**	**46**
	Oct 2018	272	34	19	24	12	6
	Nov 2018	271	33	17	21	11	6
	Dec 2018	304	34	29	36	18	6
	Jan 2019	361	34	16	20	11	5
	Feb 2019	314	31	13	17	9	5
	Mar 2019	333	34	13	18	10	5
	Winter 2019	**1521**	**167**	**94**	**118**	**61**	**28**
	Apr 2019	295	33	16	24	14	5
	May 2019	298	55	41	60	23	7

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3036

Processed On: 6/9/2017 11:56:00AM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2017 24-Month Study

Most Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions

Date	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Total KAF	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****EFFECTIVE SPACE****										
Jun 2017	761	233	160	10655	11808	17236	29045	575	206	-134	647	10655	17236	28539	1500	849	0	33.9
Jul 2017	403	64	343	8707	9517	17397	26914	199	19	5	223	8707	17397	26327	1500	806	0	34.0
								****CREDITABLE SPACE****										
Aug 2017	229	40	388	8765	9422	17376	26797	229	40	388	656	8765	17376	26797	1500	734	0	33.8
Sep 2017	244	77	421	9060	9803	17195	26998	244	77	421	742	9060	17195	26998	2270	753	0	33.4
Oct 2017	298	127	428	9228	10081	17257	27337	298	127	428	853	9228	17257	27337	3040	612	0	33.1
Nov 2017	358	153	420	9308	10238	17224	27463	358	153	420	930	9308	17224	27463	3810	759	0	32.8
Dec 2017	419	182	416	9403	10420	17329	27749	419	182	416	1017	9403	17329	27749	4580	720	0	32.5
Jan 2018	512	262	417	9589	10781	17325	28106	512	262	417	1192	9589	17325	28106	5350	716	0	32.3
								****EFFECTIVE SPACE****										
Jan 2018	512	262	417	9589	10781	17325	28106	97	217	417	731	9589	17325	27646	5350	716	0	32.3
Feb 2018	596	289	420	9960	11265	17169	28434	181	244	420	845	9960	17169	27974	1500	607	0	32.1
Mar 2018	666	301	416	10232	11615	17004	28620	250	259	416	925	10232	17004	28161	1500	1036	0	31.7
Apr 2018	720	307	381	10417	11825	17230	29055	302	267	381	949	10417	17230	28596	1500	1095	0	31.5
May 2018	741	297	324	10334	11696	17617	29312	319	255	324	897	10334	17617	28847	1500	966	0	32.4
Jun 2018	723	263	170	9346	10503	17903	28406	293	215	140	648	9346	17903	27897	1500	864	0	33.9
Jul 2018	563	80	86	8073	8802	18080	26882	119	12	0	132	8073	18080	26284	1500	824	0	33.8
								****CREDITABLE SPACE****										
Aug 2018	462	62	147	8237	8909	18076	26985	462	62	147	672	8237	18076	26985	1500	767	0	33.4
Sep 2018	486	96	210	8639	9430	17928	27358	486	96	210	791	8639	17928	27358	2270	695	0	33.0
Oct 2018	534	142	307	8806	9789	17929	27718	534	142	307	983	8806	17929	27718	3040	489	0	32.7
Nov 2018	576	165	306	8952	10000	17784	27784	576	165	306	1048	8952	17784	27784	3810	634	0	32.6
Dec 2018	619	190	313	9104	10227	17772	27999	619	190	313	1122	9104	17772	27999	4580	592	0	32.4
Jan 2019	680	261	324	9337	10602	17651	28253	680	261	324	1265	9337	17651	28253	5350	723	0	32.1
								****EFFECTIVE SPACE****										
Jan 2019	680	261	324	9337	10602	17651	28253	409	251	82	742	9337	17651	27730	5350	723	0	32.1
Feb 2019	735	290	337	9722	11084	17501	28584	462	281	94	838	9722	17501	28060	1500	610	0	32.0
Mar 2019	777	309	338	10008	11433	17338	28771	503	302	95	899	10008	17338	28245	1500	1041	0	31.6
Apr 2019	773	317	283	10206	11580	17568	29148	494	311	33	838	10206	17568	28613	1500	1100	0	31.5
May 2019	737	298	194	10077	11306	17958	29264	451	289	-80	661	10077	17958	28696	1500	971	0	32.7

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3036

Processed On: 6/9/2017 11:56:00AM

July 24-Month Study
Date: July 13, 2017

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

Reservoir	June Inflow (unregulated) (acre-feet)	Percent of Average (%)	July 11, Midnight Elevation (feet)	July 11, Midnight Reservoir Storage (acre-feet)
Fontenelle	732,000	245	6,501.42	309,000
Flaming Gorge	895,000	230	6,032.37	3,441,000
Blue Mesa	392,000	150	7,516.29	801,000
Navajo	230,000	104	6,062.50	1,380,000
Powell	3,115,000	117	3,635.74	15,506,000

Expected Operations

The operation of Lake Powell and Lake Mead in this July 2017 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines), and reflects the 2017 Annual Operating Plan (AOP). Pursuant to the Interim Guidelines, the August 2016 24-Month Study projections of the January 1, 2017, system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2017.

Consistent with Section 6.B of the Interim Guidelines, the Lake Powell operational tier for water year 2017 is the Upper Elevation Balancing Tier. With an 8.23 million acre-feet (maf) release from Lake Powell in water year 2017, the April 2017 24-Month Study projected the end of water year elevation at Lake Powell to be above 3,575 feet above sea level (feet) and the end of water year elevation at Lake Mead to be below 1,075 feet. Therefore, in accordance with Section 6.B.4 of the Interim Guidelines, Lake Powell operations shifted to balancing releases for the remainder of water year 2017. Under Section 6.B.4, the contents of Lake Powell and Lake Mead will be balanced by the end of the water year, but not more than 9.0 maf and not less than 8.23 maf shall be released from Lake Powell. Based on the most probable inflow forecast, this July 24-Month Study projects a balancing release of 9.0 maf in water year 2017.

Consistent with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar year 2017.

The Interim Guidelines are available for download at:

https://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf

The 2017 AOP is available for download at:

https://www.usbr.gov/uc/water/rsvrs/ops/aop/AOP17.pdf

Fontenelle Reservoir – Fontenelle Reservoir is currently at elevation 6501 feet, which amounts to 89 percent of live storage capacity. Inflows for the month of June totaled 732,400 acre-feet (af), or 241 percent of average. Above average inflows are continuing to occur. Releases are currently set at 5,600 cubic feet per second (cfs) (07/10/2017).

The Colorado Basin River Forecast Center has forecasted summer and fall inflows that are above average. July, August, and September forecasted inflow volumes amount to 338,000 af (179 percent of average), 125,000 af (161 percent of average), and 80,000 af (174 percent of average), respectively.

The next Fontenelle Working Group meeting is scheduled for 10:00 a.m., August 28, 2017. The meeting will be held at the Wyoming Game and Fish Department office in Green River, Wyoming. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir.

Flaming Gorge Reservoir – Releases are currently decreasing to base flow release of 2,400 cfs/day, and are expected to remain at this level through the end of September.

Unregulated inflow into Flaming Gorge Reservoir during the month of June was 895,000 af, or 229 percent of average. The reservoir elevation is 6,032.21 (91 percent of live capacity) and increasing.

The July final forecast for inflows for the next three months projects above average conditions: July, August and September forecasted inflow volumes at 383,000 af (182 percent of average), 150,000 af (169 percent of average), and 95,000 af (172 percent of average), respectively.

The May water supply forecast of the April through July unregulated inflow volume into Flaming Gorge Reservoir is 2.26 maf (232 percent of average). The hydrologic classification based on the May final forecast would be wet. However, the Yampa River forecast falls in the average (below median) hydrologic classification. The Record of Decision allows for flexibility to implement hydrologic classification two higher or one lower than the official forecast. Utilizing the flexibility within the ROD, the hydrologic

classification is moderately wet. It is unlikely that Reclamation will meet the moderately wet hydrologic targets with the current Yampa River flows.

The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stakeholders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations and plans presented by Reclamation at these meetings. Meeting notes from past Working Group meetings are posted on the Working Group webpage. For more information on this group and these meetings please contact Dale Hamilton at 801-379-1186 or Heather Patno at 801-524-3883.

Reclamation will be holding the Flaming Gorge Working Group meeting on Monday, August 14, 2017, at 7:00 p.m. at the Uinta Conference Center, 313 East 200 South, Vernal, Utah.

Aspinall Unit Reservoirs – Releases from Crystal Dam are approximately 1,900 cfs. Blue Mesa Reservoir is nearly full at 7516. 6 feet which corresponds to a storage content 804,000 acre-feet (97 percent of full capacity). Releases from Crystal are anticipated to remain near this level through July and August. With Uncompahgre Valley Water Users Association is diverting approximately 1,000 cfs through the Gunnison Tunnel the river flows through the Black Canyon are anticipated to remain near 900 cfs for the remainder of the summer.

The June unregulated inflow to Blue Mesa Reservoir was 392,000 af (150 percent of average). Unregulated Inflows to Blue Mesa for the next three months (July, August and September) are projected to be: 119,000 af (102 percent of average), 64,000 af (102 percent of average) and 43,000 af (113 percent of average), respectively. The April through July unregulated inflow forecast increased from 850,000 af (126 percent of average) for June to 900,000 af (133 percent of average) for July. The July 24-Month Study is reflective of this new forecast.

The Aspinall Unit Working Group is an open public forum for information exchange between Reclamation and the stakeholders of the Aspinall Unit. The public is encouraged to attend and comments on the operations and plans presented by Reclamation at these meetings. Meeting notes from past working Group meetings are posted on the Working Group webpage at:

https://www.usbr.gov/uc/wcao/water/rsvrs/mtgs/amcurrnt.html

For more information on this group and these meetings please contact Erik Knight in the Grand Junction Area Office at (970) 248-0629.

The next meeting of the Aspinall Unit Working Group will be held on Thursday, August 17th, 2017 at 1:00 pm at the Elk Creek Visitor Center at Blue Mesa Reservoir.

Navajo Reservoir – As of July 9th, 2017, Navajo reservoir elevation is 6062.58 feet (1.38 maf live storage) and is releasing 500 cfs. Releases are made for the authorized purposes

of the Navajo Unit, and pursuant to the 2006 Record of Decision, in an attempt to maintain a target base flow through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell). The San Juan River Basin Recovery Implementation Program (SJRIP) recommends a target base flow of between 500 cfs and 1,000 cfs through the critical habitat area. The target base flow is calculated as the weekly average of gaged flows throughout the critical habitat area.

Modified unregulated inflow into Navajo was 233,000 af, which was 104 percent of average for the month of June.

The spring peak release ramped up from May 3rd to May 18th. A short decrease occurred on May 9th, due to heavy rains in the San Juan River Basin that had the potential to add significant inflows into the channel. Ramp up resumed May 10th. On May 19th, the release was reduced for 3 days to allow the San Juan County Office of Emergency Management to reduce flood risk on some properties downstream. The peak flow of 4,800 cfs (on average) continued through June 23rd. The release peaked at 4,900 cfs on July 15th. The spring peak release ramped down at the end of June, and was back to base flows by July 5th. The preliminary calculations show that the release volume (over a 500 cfs base flow) totaled 438,000 af.

The most probable modified-unregulated inflow forecast for July at Navajo is 33,000 acre-ft (50 percent of average), for August is 27,000 acre-ft (60 percent of average), and for September is 32,000 acre-ft (74 percent of average). The most probable April-July total runoff forecast is 765,000 af (104 percent of average). Releases over the summer will likely range between 400 cfs and 650 cfs, and will be made to maintain the target baseflow downstream.

Reclamation conducts Public Operations Meetings three times per year to gather input for determining upcoming operations for Navajo Reservoir. Input from individuals, organizations, and agencies along with other factors such as weather, water rights, endangered species requirements, flood control, hydro power, recreation, fish and wildlife management, and reservoir levels, will be considered in the development of these reservoir operation plans. In addition, the meetings are used to coordinate activities and exchange information among agencies, water users, and other interested parties concerning the San Juan River and Navajo Reservoir.

The next Navajo Public Operations Coordination Meeting is scheduled for August 22nd, 2017, at 1pm at the Farmington Civic Center, Farmington, NM.

Glen Canyon Dam / Lake Powell

Current Status

The unregulated inflow volume to Lake Powell in June was 3.12 maf (117 percent of average). The release volume from Glen Canyon Dam in June was 749 thousand acre-feet (kaf). The end of June elevation and storage of Lake Powell were 3635 feet (65 feet from full pool) and 15.41 maf (63 percent of full capacity), respectively. The reservoir

elevation has been increasing through spring and early summer and is likely near its seasonal peak. In the next few weeks, the reservoir will likely begin its typical seasonal decline through the fall and winter months.

Current Operations

The operating tier for water year 2017 was established in August 2016 as the Upper Elevation Balancing Tier. The April 2017 24-Month Study established that Lake Powell operations will be governed by balancing for the remainder of water year 2017. Under balancing, the contents of Lake Powell and Lake Mead will be balanced by the end of the water year, but not more than 9.0 maf and not less than 8.23 maf shall be released from Lake Powell. Based on the most probable inflow forecast, this May 24-Month Study projects a balancing release of 9.0 maf in water year 2017. Reclamation will schedule operations at Glen Canyon Dam to achieve as practicably as possible the appropriate total annual release volume by September 30, 2017.

In July, the release volume will be approximately 850 kaf, with fluctuations anticipated between about 9,500 cfs in the nighttime to about 17,500 cfs in the daytime and consistent with the Glen Canyon Operating Criteria (Federal Register, Volume 62, No. 41, March 3, 1997). The anticipated release volume for August is 900 kaf with daily fluctuations between approximately 10,000 cfs and 18,000 cfs. The expected release for September is 663 kaf with daily fluctuations between approximately 8,500 cfs and 14,500 cfs.

In addition to daily scheduled fluctuations for power generation, the instantaneous releases from Glen Canyon Dam may also fluctuate to provide 40 megawatts (mw) of system regulation. These instantaneous release adjustments stabilize the electrical generation and transmission system and translate to a range of about 1,200 cfs above or below the hourly scheduled release rate. Under system normal conditions, fluctuations for regulation are typically short lived and generally balance out over the hour with minimal or no noticeable impacts on downstream river flow conditions.

Releases from Glen Canyon Dam can also fluctuate beyond scheduled releases when called upon to respond to unscheduled power outages or power system emergencies. Depending on the severity of the system emergency, the response from Glen Canyon Dam can be significant, within the full range of the operating capacity of the power plant for as long as is necessary to maintain balance in the transmission system. Glen Canyon Dam currently maintains 27 mw (approximately 800 cfs) of generation capacity in reserve in order to respond to a system emergency even when generation rates are already high. System emergencies occur fairly infrequently and typically require small responses from Glen Canyon Dam. However, these responses can have a noticeable impact on the river downstream of Glen Canyon Dam.

Inflow Forecasts and Model Projections

The April to July 2017 water supply forecast for unregulated inflow to Lake Powell, issued on July 5, 2017, by the Colorado Basin River Forecast Center, projects that the most probable (median) unregulated inflow volume will be 8.15 maf (114 percent of

average based on the period 1981-2010). The forecast decreased by 150 kaf since last month. There is still uncertainty regarding this year's water supply and the total inflow to Lake Powell.

As determined in the August 2016 24-Month Study, and documented in the 2017 Annual Operating Plan, Lake Powell's operations in water year 2017 will be governed by the Upper Elevation Balancing Tier. Starting with an 8.23 million acre-feet (maf) release from Lake Powell in water year 2017, the April 2017 24-Month Study projected the end of water year elevation at Lake Powell to be above 3,575 feet and the end of water year elevation at Lake Mead to be below 1,075 feet. Therefore, in accordance with Section 6.B.4 of the Interim Guidelines, Lake Powell operations shifted to balancing releases for the remainder of water year 2017. Under balancing, the contents of Lake Powell and Lake Mead will be balanced by the end of the water year, but not more than 9.0 maf and not less than 8.23 maf shall be released from Lake Powell.

Based on the July most probable inflow forecast, the annual release volume from Lake Powell during water year 2017 is projected to be 9.0 maf. Under the minimum probable inflow scenario, the water year release is projected to be 9.0 maf. Under the maximum probable inflow scenario, the release is projected to be 9.0 maf. There is 10 percent chance that inflows will be lower than the current minimum probable forecast, potentially resulting in lower releases. However, inflows to Lake Powell so far this water year have been sufficient enough to preclude any release less than 9.0 maf. If inflows are greater than the current forecasted maximum probable inflow, the annual release will be 9.0 maf.

Based on the current forecast, the July 24-Month Study projects Lake Powell elevation will end water year 2017 near 3,631 feet with approximately 15.0 maf in storage (62 percent capacity). Projections of elevation and storage still have significant uncertainty at this point in the season, primarily due to uncertainty regarding spring runoff and the resulting inflow to Lake Powell. Under the minimum probable inflow scenario, updated in April, the projected end of water year elevation and storage are 3,625 feet and 14.25 maf (59 percent of capacity), respectively. Under the maximum probable inflow scenario, updated in April, the projected end of water year elevation and storage are 3661 feet and 18.62 maf (77 percent of capacity), respectively. Modeling of projected reservoir operations based on the minimum and maximum scenarios will be updated again in August.

Upper Colorado River Basin Hydrology

The Upper Colorado River Basin regularly experiences significant year to year hydrologic variability. During the 17-year period 2000 to 2016, however, the unregulated inflow to Lake Powell, which is a good measure of hydrologic conditions in the Colorado River Basin, was above average in only 3 out of the past 17 years. The period 2000-2016 is the lowest 17-year period since the closure of Glen Canyon Dam in 1963, with an average unregulated inflow of 8.57 maf, or 79 percent of the 30-year average (1981-2010). (For comparison, the 1981-2010 total water year average is 10.83 maf.) The unregulated inflow during the 2000-2016 period has ranged from a low of 2.64 maf (24 percent of average) in water year 2002 to a high of 15.97 maf (147 percent

of average) in water year 2011. In water year 2016 unregulated inflow volume to Lake Powell was 9.62 maf (89 percent of average), which, though still below average, was significantly higher than inflows observed in 2012 and 2013 (45 percent and 47 percent of average, respectively). Under the current most probable forecast, the total water year 2017 unregulated inflow to Lake Powell is projected to be 12.21 maf (113 percent of average).

At the beginning of water year 2017, total system storage in the Colorado River Basin was 30.2 maf (51 percent of 59.6 maf total system capacity). This is nearly the same as the total storage at the beginning of water years 2015 and 2016 which began at 30.1 maf and 30.3 maf, respectively, both of which were 51 percent of capacity. Since the beginning of water year 2000, total Colorado Basin storage has experienced year to year increases and decreases in response to wet and dry hydrology, ranging from a high of 94 percent of capacity at the beginning of 2000 to a low of 50 percent of capacity at the beginning of water year 2005. One wet year can significantly increase total system reservoir storage, just as persistent dry years can draw down the system storage. Based on current inflow forecasts, the current projected end of water year total Colorado Basin reservoir storage for water year 2017 is approximately 33.2 maf (56 percent of total system capacity). The actual end of water year 2017 system storage may vary from this projection, primarily due to uncertainty regarding the season's snowpack and resulting runoff and reservoir inflow. Based on the April minimum and maximum probable inflow forecasts and modeling, the range of end of water year 2017 total system capacity is approximately 32.47 maf (54 percent) to 37.0 maf (62 percent), respectively.

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-430
125 SOUTH STATE STREET, ROOM 8100
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-3709

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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:	Obs			jun	Forecast		Outlook		
:	mar	apr	may	jun	%Avg	jul	aug	sep	apr-jul	%Avg
GLDA3:Lake Powell	1112	1608	2377	3115	117%:	1050/	550/	420/	8150/:	114%
GBRW4:Fontenelle	180	225	430	732	245%:	338/	125/	80/	1725/:	238%
GRNU1:Flaming Gorge	400	350	582	895	229%:	383/	150/	95/	2210/:	226%
BMDC2:Blue Mesa	70	145	244	392	150%:	119/	64/	43/	900/:	133%
MPSC2:Morrow Point	74	157	263	411	146%:	129/	68/	46/	960/:	130%
CLSC2:Crystal	81	167	285	446	142%:	142/	73/	52/	1040/:	125%
TPIC2:Taylor Park	5.7	13.0	30	63	150%:	19/	10/	8/	125/:	127%
VCRC2:Vallecito	24	45	67	72	102%:	21/	16/	15/	205/:	106%
NVRN5:Navajo	176	235	264	233	104%:	33/	27/	32/	765/:	104%
LEMC2:Lemon	4.1	9.8	17.0	23	110%:	4/	3/	3/	54/:	98%
MPHC2:McPhee	57	95	130	92	123%:	18/	11/	10/	335/:	114%
RBSC2:Ridgway	7.8	11.9	20	46	117%:	19/	10/	8/	97/:	96%

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2017 24-Month Study

Most Probable Inflow*

Fontenelle Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jul 2016	80	3	73	3	76	6500.25	300
H	Aug 2016	29	2	65	0	65	6495.03	262
I	Sep 2016	26	2	36	21	58	6490.22	229
	WY 2016	**943**	**15**	**739**	**213**	**952**		
S	Oct 2016	57	1	0	57	57	6490.08	228
T	Nov 2016	62	1	0	59	59	6490.44	230
O	Dec 2016	37	1	0	63	63	6486.33	203
R	Jan 2017	45	1	0	63	63	6483.20	184
I	Feb 2017	51	1	0	57	57	6482.06	178
C	Mar 2017	180	1	0	150	150	6486.90	207
A	Apr 2017	225	1	0	304	304	6472.17	128
L	May 2017	430	1	54	373	427	6472.55	129
*	Jun 2017	732	2	74	469	543	6502.49	317
	Jul 2017	338	3	99	209	308	6505.94	345
	Aug 2017	125	2	100	55	155	6501.84	313
	Sep 2017	80	2	75	0	75	6502.24	316
	WY 2017	**2362**	**15**	**401**	**1859**	**2260**		
	Oct 2017	73	1	74	0	74	6501.98	314
	Nov 2017	63	1	71	0	71	6500.78	305
	Dec 2017	48	1	74	0	74	6497.22	278
	Jan 2018	45	1	74	0	74	6493.07	249
	Feb 2018	40	1	67	0	67	6488.94	222
	Mar 2018	60	1	102	26	128	6477.32	153
	Apr 2018	88	1	94	34	128	6468.33	112
	May 2018	165	1	96	54	150	6471.61	126
	Jun 2018	300	2	99	61	160	6495.24	264
	Jul 2018	190	3	103	8	111	6505.39	341
	Aug 2018	72	2	101	7	108	6500.48	303
	Sep 2018	46	2	65	0	65	6497.63	281
	WY 2018	**1190**	**15**	**1020**	**190**	**1210**		
	Oct 2018	49	1	68	0	68	6494.84	261
	Nov 2018	42	1	65	0	65	6491.39	237
	Dec 2018	32	1	68	0	68	6485.81	201
	Jan 2019	30	1	68	0	68	6479.30	163
	Feb 2019	28	0	61	0	61	6472.29	129
	Mar 2019	53	0	70	0	70	6468.09	111
	Apr 2019	85	1	75	0	75	6470.45	121
	May 2019	164	1	99	11	110	6481.20	174
	Jun 2019	299	2	104	24	128	6505.60	342

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2017 24-Month Study

Most Probable Inflow*

Flaming Gorge Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	Jul 2016	91	88	13	116	4	120	133	6029.03	3312	220
H	Aug 2016	28	64	13	110	0	110	131	6027.55	3255	133
I	Sep 2016	36	67	11	107	0	107	129	6026.27	3207	128
	WY 2016	**1427**	**1437**	**80**	**1406**	**203**	**1609**				**3435**
S	Oct 2016	70	70	7	85	0	85	128	6025.69	3186	119
T	Nov 2016	73	70	4	77	0	77	128	6025.41	3175	112
O	Dec 2016	35	61	2	106	0	106	126	6024.19	3130	136
R	Jan 2017	49	67	2	110	0	110	124	6023.01	3087	155
I	Feb 2017	106	112	2	109	0	109	124	6023.03	3088	189
C	Mar 2017	400	370	3	256	26	282	128	6025.25	3169	408
A	Apr 2017	350	428	5	268	244	511	124	6022.93	3084	745
L	May 2017	582	580	8	278	171	449	129	6026.15	3203	857
*	Jun 2017	895	705	11	263	223	486	137	6031.41	3404	859
	Jul 2017	383	353	14	229	0	229	141	6034.10	3510	290
	Aug 2017	150	180	13	148	0	148	142	6034.56	3528	168
	Sep 2017	95	90	12	143	0	143	139	6033.00	3466	158
	WY 2017	**3188**	**3086**	**82**	**2071**	**664**	**2735**				**4196**
	Oct 2017	95	96	8	148	0	148	137	6031.55	3409	172
	Nov 2017	84	92	4	143	0	143	135	6030.22	3357	174
	Dec 2017	55	81	2	169	0	169	132	6027.97	3271	194
	Jan 2018	64	93	2	172	0	172	129	6025.89	3193	194
	Feb 2018	64	91	2	156	0	156	126	6024.15	3129	178
	Mar 2018	120	188	3	136	0	136	128	6025.44	3176	203
	Apr 2018	150	190	5	131	0	131	130	6026.84	3229	321
	May 2018	235	220	8	187	0	187	131	6027.48	3253	682
	Jun 2018	360	220	10	164	0	164	133	6028.64	3297	614
	Jul 2018	213	134	14	98	0	98	133	6029.19	3318	176
	Aug 2018	85	121	13	98	0	98	134	6029.44	3327	119
	Sep 2018	55	74	11	95	0	95	133	6028.64	3297	110
	WY 2018	**1580**	**1600**	**80**	**1696**	**0**	**1696**				**3136**
	Oct 2018	59	78	7	98	0	98	132	6027.93	3270	126
	Nov 2018	51	74	3	95	0	95	131	6027.32	3247	125
	Dec 2018	35	71	2	98	0	98	130	6026.56	3218	124
	Jan 2019	40	78	2	98	0	98	129	6025.98	3197	123
	Feb 2019	45	78	2	89	0	89	128	6025.65	3184	117
	Mar 2019	102	120	3	98	0	98	129	6026.12	3202	175
	Apr 2019	134	123	5	95	0	95	130	6026.71	3224	310
	May 2019	245	191	8	153	0	153	131	6027.50	3254	685
	Jun 2019	390	218	10	146	0	146	133	6029.08	3314	566

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2017 24-Month Study

Most Probable Inflow*

Taylor Park Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jul 2016	11	21	9320.04	87
H	Aug 2016	9	16	9315.75	79
I	Sep 2016	6	14	9310.77	71
	WY 2016	**125**	**125**		
S	Oct 2016	5	6	9310.23	70
T	Nov 2016	4	5	9309.76	70
O	Dec 2016	5	5	9309.56	69
R	Jan 2017	6	5	9309.76	70
I	Feb 2017	4	5	9309.43	69
C	Mar 2017	6	6	9309.23	69
A	Apr 2017	13	8	9312.04	73
L	May 2017	30	18	9318.55	84
*	Jun 2017	62	45	9327.76	102
	Jul 2017	19	26	9324.40	95
	Aug 2017	10	20	9318.99	85
	Sep 2017	8	18	9313.36	75
	WY 2017	**172**	**168**		
	Oct 2017	7	8	9312.83	74
	Nov 2017	6	6	9312.83	74
	Dec 2017	5	6	9312.23	73
	Jan 2018	5	6	9311.62	72
	Feb 2018	4	6	9310.38	70
	Mar 2018	4	6	9309.11	68
	Apr 2018	7	6	9309.75	69
	May 2018	24	20	9312.23	73
	Jun 2018	40	22	9322.46	91
	Jul 2018	15	22	9318.64	84
	Aug 2018	9	20	9312.23	73
	Sep 2018	7	16	9306.51	64
	WY 2018	**133**	**144**		
	Oct 2018	6	8	9305.47	63
	Nov 2018	5	6	9304.81	62
	Dec 2018	5	6	9303.90	61
	Jan 2019	4	6	9302.75	59
	Feb 2019	4	6	9301.19	57
	Mar 2019	4	6	9300.05	55
	Apr 2019	9	6	9302.05	58
	May 2019	28	20	9307.68	66
	Jun 2019	42	22	9319.47	86

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2017 24-Month Study

Most Probable Inflow*

Blue Mesa Reservoir

	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jul 2016	81	91	2	112	0	112	7512.31	766
H	Aug 2016	57	65	1	110	0	110	7506.94	720
I	Sep 2016	38	46	1	100	0	100	7500.48	665
	WY 2016	**881**	**882**	**9**	**913**	**19**	**934**		
S	Oct 2016	32	33	1	90	0	90	7493.44	608
T	Nov 2016	26	27	0	33	0	33	7492.53	601
O	Dec 2016	26	26	0	35	0	35	7491.43	593
R	Jan 2017	29	28	0	34	0	34	7490.68	587
I	Feb 2017	28	29	0	44	1	44	7488.71	571
C	Mar 2017	70	70	0	69	0	70	7488.71	571
A	Apr 2017	145	140	1	53	0	53	7499.55	658
L	May 2017	244	233	1	151	65	293	7491.98	597
*	Jun 2017	392	373	1	139	35	175	7515.35	793
	Jul 2017	119	126	2	107	0	107	7517.27	810
	Aug 2017	64	74	1	111	0	111	7513.02	772
	Sep 2017	43	53	1	107	0	107	7506.65	717
	WY 2017	**1217**	**1212**	**9**	**973**	**101**	**1152**		
	Oct 2017	44	45	1	67	0	67	7504.01	695
	Nov 2017	37	37	0	62	0	62	7500.94	669
	Dec 2017	32	33	0	113	0	113	7490.98	589
	Jan 2018	28	29	0	44	0	44	7489.00	574
	Feb 2018	24	26	0	36	0	36	7487.72	564
	Mar 2018	36	38	0	38	0	38	7487.67	563
	Apr 2018	69	68	1	50	0	50	7489.85	580
	May 2018	195	191	1	151	0	151	7494.80	619
	Jun 2018	260	242	1	68	0	68	7515.24	792
	Jul 2018	100	107	2	103	0	103	7515.52	795
	Aug 2018	51	62	1	109	0	109	7510.08	747
	Sep 2018	39	48	1	108	0	108	7502.91	685
	WY 2018	**915**	**926**	**9**	**949**	**0**	**949**		
	Oct 2018	39	40	1	61	0	61	7500.38	664
	Nov 2018	31	32	0	56	0	56	7497.43	640
	Dec 2018	26	27	0	95	0	95	7488.86	573
	Jan 2019	24	26	0	40	0	40	7487.00	558
	Feb 2019	22	25	0	32	0	32	7485.94	550
	Mar 2019	36	38	0	38	0	38	7485.88	550
	Apr 2019	77	74	1	48	0	48	7489.24	575
	May 2019	221	213	1	154	0	154	7496.55	633
	Jun 2019	261	241	1	81	0	81	7515.29	793

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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July 2017 24-Month Study

Most Probable Inflow*

Morrow Point Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jul 2016	83	112	2	114	113	0	113	7153.43	112
H	Aug 2016	58	110	1	111	111	0	111	7153.88	112
I	Sep 2016	39	100	1	100	103	0	103	7150.03	109
	WY 2016	**931**	**934**	**49**	**983**	**972**	**5**	**978**		
S	Oct 2016	33	90	1	91	93	0	93	7146.55	106
T	Nov 2016	28	33	2	36	32	0	35	7147.39	107
O	Dec 2016	27	35	1	36	34	0	34	7150.44	109
R	Jan 2017	30	34	2	36	33	0	33	7153.75	112
I	Feb 2017	29	44	1	45	55	0	55	7140.48	102
C	Mar 2017	74	70	5	74	64	0	68	7148.96	108
A	Apr 2017	157	53	12	66	65	0	65	7149.64	109
L	May 2017	263	293	19	312	203	0	312	7149.70	109
*	Jun 2017	411	175	19	195	184	0	193	7151.34	110
	Jul 2017	129	107	10	117	115	0	115	7153.73	112
	Aug 2017	68	111	4	115	115	0	115	7153.73	112
	Sep 2017	46	107	3	110	110	0	110	7153.73	112
	WY 2017	**1296**	**1152**	**79**	**1231**	**1104**	**0**	**1228**		
	Oct 2017	47	67	3	70	70	0	70	7153.73	112
	Nov 2017	39	62	2	64	64	0	64	7153.73	112
	Dec 2017	34	113	2	115	115	0	115	7153.73	112
	Jan 2018	30	44	2	46	46	0	46	7153.73	112
	Feb 2018	26	36	2	38	38	0	38	7153.73	112
	Mar 2018	40	38	4	42	42	0	42	7153.73	112
	Apr 2018	79	50	10	60	60	0	60	7153.73	112
	May 2018	215	151	20	171	171	0	171	7153.73	112
	Jun 2018	280	68	20	88	88	0	88	7153.73	112
	Jul 2018	105	103	5	108	108	0	108	7153.73	112
	Aug 2018	54	109	3	112	112	0	112	7153.73	112
	Sep 2018	41	108	2	110	110	0	110	7153.73	112
	WY 2018	**990**	**949**	**75**	**1024**	**1024**	**0**	**1024**		
	Oct 2018	41	61	2	63	63	0	63	7153.73	112
	Nov 2018	33	56	2	58	58	0	58	7153.73	112
	Dec 2018	28	95	2	97	97	0	97	7153.73	112
	Jan 2019	27	40	2	42	42	0	42	7153.73	112
	Feb 2019	25	32	3	35	35	0	35	7153.73	112
	Mar 2019	40	38	4	42	42	0	42	7153.73	112
	Apr 2019	88	48	11	59	59	0	59	7153.73	112
	May 2019	247	154	26	180	180	0	180	7153.73	112
	Jun 2019	281	81	20	101	101	0	101	7153.73	112

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2017 24-Month Study

Most Probable Inflow*

Crystal Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
*	Jul 2016	89	113	6	119	117	2	119	6750.04	16	64	58
H	Aug 2016	62	111	4	114	114	0	114	6749.30	16	62	53
I	Sep 2016	42	103	3	106	106	1	107	6747.05	15	59	47
	WY 2016	**1038**	**978**	**107**	**1085**	**811**	**243**	**1084**			**384**	**724**
S	Oct 2016	37	93	4	97	97	0	97	6747.92	15	57	39
T	Nov 2016	31	35	3	38	37	0	37	6750.47	16	1	36
O	Dec 2016	31	34	4	38	36	1	37	6751.45	17	0	37
R	Jan 2017	35	33	4	37	36	2	37	6750.29	16	1	37
I	Feb 2017	34	55	4	59	56	4	60	6749.56	16	0	60
C	Mar 2017	81	68	6	74	0	73	73	6752.06	17	8	66
A	Apr 2017	167	65	10	75	31	44	75	6751.65	17	39	37
L	May 2017	285	312	22	334	86	73	331	6759.83	19	62	270
*	Jun 2017	446	193	36	229	44	127	231	6751.78	17	61	173
	Jul 2017	142	115	13	128	127	0	127	6753.04	17	65	62
	Aug 2017	73	115	5	120	120	0	120	6753.04	17	65	55
	Sep 2017	52	110	6	116	116	0	116	6753.04	17	55	61
	WY 2017	**1413**	**1228**	**117**	**1345**	**785**	**324**	**1343**			**414**	**933**
	Oct 2017	54	70	7	77	77	0	77	6753.04	17	30	47
	Nov 2017	44	64	5	69	69	0	69	6753.04	17	0	69
	Dec 2017	39	115	5	120	120	0	120	6753.04	17	0	120
	Jan 2018	36	46	6	52	52	0	52	6753.04	17	0	52
	Feb 2018	30	38	4	42	42	0	42	6753.04	17	0	42
	Mar 2018	46	42	6	48	48	0	48	6753.04	17	5	43
	Apr 2018	90	60	11	71	71	0	71	6753.04	17	30	41
	May 2018	245	171	30	201	134	67	201	6753.04	17	55	146
	Jun 2018	310	88	30	118	118	0	118	6753.04	17	60	58
	Jul 2018	117	108	12	120	120	0	120	6753.04	17	65	55
	Aug 2018	62	112	8	120	120	0	120	6753.04	17	65	55
	Sep 2018	47	110	6	116	116	0	116	6753.04	17	55	61
	WY 2018	**1120**	**1024**	**130**	**1154**	**1087**	**67**	**1154**			**365**	**789**
	Oct 2018	47	63	6	69	69	0	69	6753.04	17	30	39
	Nov 2018	38	58	5	63	63	0	63	6753.04	17	0	63
	Dec 2018	32	97	5	101	101	0	101	6753.04	17	0	101
	Jan 2019	31	42	5	47	47	0	47	6753.04	17	0	47
	Feb 2019	29	35	4	39	39	0	39	6753.04	17	0	39
	Mar 2019	46	42	6	48	48	0	48	6753.04	17	5	43
	Apr 2019	101	59	12	71	71	0	71	6753.04	17	30	41
	May 2019	281	180	34	214	134	80	214	6753.04	17	55	159
	Jun 2019	315	101	34	134	130	5	134	6753.04	17	60	74

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2017 24-Month Study

Most Probable Inflow*

Vallecito Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jul 2016	17	38	7656.15	102
H	Aug 2016	15	33	7648.82	84
I	Sep 2016	14	27	7643.21	71
	WY 2016	**269**	**270**		
S	Oct 2016	11	8	7644.63	74
T	Nov 2016	6	2	7646.51	79
O	Dec 2016	6	2	7647.98	82
R	Jan 2017	7	5	7648.89	84
I	Feb 2017	7	15	7645.42	76
C	Mar 2017	24	24	7645.75	77
A	Apr 2017	45	35	7649.82	87
L	May 2017	67	44	7658.86	109
*	Jun 2017	72	57	7664.54	124
	Jul 2017	21	41	7656.63	103
	Aug 2017	16	38	7647.54	81
	Sep 2017	15	30	7640.89	66
	WY 2017	**298**	**300**		
	Oct 2017	13	17	7638.82	62
	Nov 2017	8	2	7641.69	68
	Dec 2017	7	2	7643.99	73
	Jan 2018	6	2	7645.79	77
	Feb 2018	4	2	7646.76	79
	Mar 2018	7	2	7648.87	84
	Apr 2018	20	2	7656.15	102
	May 2018	58	49	7659.56	111
	Jun 2018	68	62	7661.63	116
	Jul 2018	27	42	7655.65	101
	Aug 2018	17	38	7646.90	80
	Sep 2018	15	30	7640.20	65
	WY 2018	**250**	**248**		
	Oct 2018	14	17	7638.67	61
	Nov 2018	8	2	7641.71	68
	Dec 2018	6	2	7643.72	72
	Jan 2019	5	2	7645.26	76
	Feb 2019	5	2	7646.56	79
	Mar 2019	9	2	7649.35	85
	Apr 2019	23	2	7657.89	107
	May 2019	71	68	7658.90	109
	Jun 2019	70	65	7660.87	114

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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July 2017 24-Month Study

Most Probable Inflow*

Navajo Reservoir

	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azetea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Farmington Flow (1000 Ac-Ft)
*	Jul 2016	24	4	40	5	37	79	6061.29	1364	105
H	Aug 2016	30	4	45	4	33	35	6059.16	1337	56
I	Sep 2016	21	1	33	3	27	30	6056.98	1310	41
	WY 2016	**863**	**96**	**769**	**29**	**169**	**653**			**1077**
S	Oct 2016	27	0	24	2	5	27	6056.19	1300	46
T	Nov 2016	24	0	19	1	0	22	6055.87	1296	43
O	Dec 2016	25	0	22	1	0	20	6055.92	1297	40
R	Jan 2017	34	0	31	1	0	22	6056.65	1306	39
I	Feb 2017	55	1	62	1	1	26	6059.31	1339	48
C	Mar 2017	176	17	159	2	6	30	6068.54	1460	89
A	Apr 2017	235	33	192	3	19	33	6078.18	1598	137
L	May 2017	264	45	198	4	25	231	6073.94	1536	314
*	Jun 2017	230	46	166	5	40	259	6063.90	1398	449
	Jul 2017	33	6	47	4	45	39	6060.67	1356	90
	Aug 2017	27	2	47	4	39	38	6058.08	1324	69
	Sep 2017	32	1	46	3	21	29	6057.49	1316	57
	WY 2017	**1162**	**152**	**1012**	**28**	**202**	**775**			**1420**
	Oct 2017	38	2	40	2	8	23	6058.07	1323	46
	Nov 2017	34	1	27	1	0	21	6058.48	1329	39
	Dec 2017	26	0	21	1	0	22	6058.36	1327	37
	Jan 2018	24	0	20	1	0	22	6058.17	1325	35
	Feb 2018	27	0	25	1	0	19	6058.51	1329	30
	Mar 2018	72	3	64	2	5	22	6061.34	1365	40
	Apr 2018	136	16	102	3	21	21	6065.76	1423	63
	May 2018	270	38	223	4	35	22	6077.32	1585	157
	Jun 2018	198	31	161	5	51	21	6082.87	1668	154
	Jul 2018	44	6	53	5	56	53	6078.83	1607	108
	Aug 2018	35	1	55	4	47	66	6074.55	1545	98
	Sep 2018	36	1	50	3	26	148	6065.39	1418	173
	WY 2018	**940**	**98**	**840**	**30**	**249**	**459**			**979**
	Oct 2018	42	2	43	2	10	31	6065.46	1419	55
	Nov 2018	32	1	24	1	0	30	6064.98	1413	47
	Dec 2018	25	0	20	1	0	31	6064.16	1402	46
	Jan 2019	22	0	18	1	0	31	6063.16	1389	44
	Feb 2019	30	0	27	1	0	28	6063.05	1387	40
	Mar 2019	92	2	83	2	5	22	6067.16	1442	44
	Apr 2019	170	15	134	3	21	21	6073.60	1531	73
	May 2019	277	37	237	4	36	266	6068.72	1463	412
	Jun 2019	224	31	187	4	52	281	6057.17	1312	433

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2017 24-Month Study

Most Probable Inflow*

Lake Powell

	Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry Gage (1000 Ac-Ft)
*	Jul 2016	595	804	58	950	0	950	3618.22	5140	13576	963
H	Aug 2016	253	432	56	900	0	900	3613.55	5101	13091	914
I	Sep 2016	281	461	50	699	0	699	3610.93	5080	12824	712
	WY 2016	**9616**	**9909**	**378**	**9000**	**0**	**9000**				**9117**
S	Oct 2016	381	477	35	601	0	601	3609.48	5068	12678	610
T	Nov 2016	383	389	33	624	126	750	3605.81	5039	12313	754
O	Dec 2016	300	366	26	898	0	898	3600.49	4997	11797	913
R	Jan 2017	359	415	8	880	0	880	3595.86	4962	11359	900
I	Feb 2017	555	565	8	711	0	711	3594.33	4951	11217	720
C	Mar 2017	1112	895	14	722	0	722	3595.91	4963	11364	730
A	Apr 2017	1608	1494	23	623	0	623	3604.14	5026	12149	629
L	May 2017	2377	2321	29	652	0	652	3619.09	5147	13667	657
*	Jun 2017	3115	2680	51	749	0	749	3634.89	5286	15408	758
	Jul 2017	1050	938	64	850	0	850	3635.09	5288	15431	865
	Aug 2017	550	645	63	900	0	900	3632.51	5265	15136	914
	Sep 2017	420	551	58	663	0	663	3631.12	5252	14979	672
	WY 2017	**12211**	**11737**	**410**	**8874**	**126**	**9000**				**9121**
	Oct 2017	510	580	40	640	0	640	3630.31	5245	14887	646
	Nov 2017	490	562	38	640	0	640	3629.34	5236	14780	644
	Dec 2017	370	560	30	720	0	720	3627.76	5222	14604	726
	Jan 2018	360	482	9	860	0	860	3624.49	5193	14245	866
	Feb 2018	390	486	10	750	0	750	3622.14	5173	13991	752
	Mar 2018	590	565	17	800	0	800	3619.95	5154	13758	805
	Apr 2018	900	784	26	710	0	710	3620.36	5158	13802	718
	May 2018	2000	1733	32	710	0	710	3628.80	5231	14719	716
	Jun 2018	2600	2117	53	750	0	750	3639.43	5329	15936	756
	Jul 2018	800	759	65	850	0	850	3638.19	5317	15791	865
	Aug 2018	400	551	64	900	0	900	3634.89	5286	15408	914
	Sep 2018	350	598	59	670	0	670	3633.83	5277	15287	679
	WY 2018	**9760**	**9776**	**444**	**9000**	**0**	**9000**				**9086**
	Oct 2018	464	525	40	640	0	640	3632.57	5265	15143	646
	Nov 2018	450	518	39	640	0	640	3631.26	5253	14994	644
	Dec 2018	363	501	31	720	0	720	3629.20	5235	14763	726
	Jan 2019	361	444	9	860	0	860	3625.63	5203	14369	866
	Feb 2019	393	445	10	750	0	750	3622.94	5180	14077	752
	Mar 2019	665	600	17	800	0	800	3621.07	5164	13877	805
	Apr 2019	1056	874	27	710	0	710	3622.26	5174	14004	718
	May 2019	2343	2245	33	710	0	710	3634.77	5285	15394	716
	Jun 2019	2666	2382	56	750	0	750	3647.08	5402	16854	756

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2017 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Glen Release (1000 Ac-Ft)	Side Inflow Glen to Hoover (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Jul 2016	950	70	64	831	13.5	30	830	612	1072.75	9419
H	Aug 2016	900	107	69	701	11.4	28	700	625	1075.17	9615
I	Sep 2016	699	88	57	702	11.8	22	701	625	1075.23	9620
	WY 2016	**9000**	**798**	**531**	**9293**		**224**	**9282**			
S	Oct 2016	601	78	42	518	8.4	23	517	631	1076.34	9710
T	Nov 2016	750	77	42	751	12.6	16	750	632	1076.55	9727
O	Dec 2016	898	63	36	542	8.8	8	536	655	1080.82	10079
R	Jan 2017	880	128	30	500	8.1	7	494	684	1086.08	10521
I	Feb 2017	711	150	28	488	8.8	7	487	704	1089.78	10838
C	Mar 2017	722	97	32	911	14.8	16	910	696	1088.26	10707
A	Apr 2017	623	92	39	961	16.1	20	960	677	1084.89	10420
L	May 2017	652	39	44	917	14.9	29	915	659	1081.56	10141
*	Jun 2017	749	18	53	864	14.5	30	864	648	1079.52	9971
	Jul 2017	850	77	66	848	13.8	32	848	647	1079.31	9954
	Aug 2017	900	127	71	743	12.1	30	743	658	1081.38	10126
	Sep 2017	663	110	58	715	12.0	27	715	657	1081.09	10101
	WY 2017	**9000**	**1057**	**541**	**8757**		**246**	**8738**			
	Oct 2017	640	71	42	570	9.3	22	570	661	1081.94	10172
	Nov 2017	640	65	43	684	11.5	14	684	659	1081.53	10139
	Dec 2017	720	51	37	645	10.5	11	645	664	1082.42	10212
	Jan 2018	860	64	30	716	11.6	11	716	674	1084.28	10369
	Feb 2018	750	72	28	607	10.9	12	607	685	1086.22	10533
	Mar 2018	800	46	31	1036	16.8	20	1036	670	1083.55	10307
	Apr 2018	710	39	38	1095	18.4	27	1095	645	1078.90	9920
	May 2018	710	26	43	966	15.7	32	966	626	1075.40	9633
	Jun 2018	750	10	52	864	14.5	33	864	615	1073.21	9457
	Jul 2018	850	77	64	824	13.4	35	824	615	1073.25	9460
	Aug 2018	900	127	69	767	12.5	34	767	624	1075.08	9608
	Sep 2018	670	110	57	695	11.7	30	695	624	1075.05	9605
	WY 2018	**9000**	**757**	**535**	**9469**		**281**	**9469**			
	Oct 2018	640	71	42	489	8.0	26	489	634	1076.84	9751
	Nov 2018	640	65	42	634	10.6	18	634	635	1076.97	9762
	Dec 2018	720	51	36	592	9.6	14	592	642	1078.44	9882
	Jan 2019	860	64	30	723	11.8	11	723	652	1080.27	10033
	Feb 2019	750	72	27	610	11.0	12	610	663	1082.21	10195
	Mar 2019	800	46	31	1041	16.9	20	1041	648	1079.44	9965
	Apr 2019	710	39	38	1100	18.5	27	1100	622	1074.67	9575
	May 2019	710	26	43	971	15.8	32	971	603	1071.06	9284
	Jun 2019	750	10	51	869	14.6	33	869	592	1068.78	9103

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2017 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Jul 2016	831	-24	26	803	0	803	13.1	643.75	1719
H	Aug 2016	701	-12	23	714	0	714	11.6	642.00	1671
I	Sep 2016	702	-18	18	711	0	711	11.9	640.34	1627
	WY 2016	**9293**	**-195**	**198**	**8879**	**0**	**8879**			
S	Oct 2016	518	-7	15	640	0	640	10.4	634.86	1482
T	Nov 2016	751	-29	11	574	0	574	9.6	640.09	1620
O	Dec 2016	542	-17	9	482	0	482	7.8	641.31	1653
R	Jan 2017	500	-23	10	408	0	408	6.6	643.47	1712
I	Feb 2017	488	-13	10	486	0	486	8.7	642.70	1690
C	Mar 2017	911	-27	13	844	0	844	13.7	643.70	1718
A	Apr 2017	961	-23	17	955	0	955	16.1	642.45	1684
L	May 2017	917	-13	22	846	0	846	13.8	643.74	1719
*	Jun 2017	864	-6	25	853	0	853	14.3	643.01	1699
	Jul 2017	848	-16	25	820	0	820	13.3	642.50	1685
	Aug 2017	743	-12	23	707	0	707	11.5	642.50	1685
	Sep 2017	715	-11	18	753	0	753	12.7	640.01	1617
	WY 2017	**8757**	**-199**	**198**	**8368**	**0**	**8368**			
	Oct 2017	570	-4	15	735	0	735	12.0	633.00	1434
	Nov 2017	684	-11	10	611	0	611	10.3	635.00	1486
	Dec 2017	645	-10	9	528	0	528	8.6	638.71	1583
	Jan 2018	716	-19	10	604	0	604	9.8	641.80	1666
	Feb 2018	607	-16	10	582	0	582	10.5	641.80	1666
	Mar 2018	1036	-16	13	972	0	972	15.8	643.05	1700
	Apr 2018	1095	-20	17	1060	0	1060	17.8	643.00	1699
	May 2018	966	-13	22	932	0	932	15.2	643.00	1699
	Jun 2018	864	-18	25	848	0	848	14.3	642.00	1671
	Jul 2018	824	-16	25	796	0	796	12.9	641.50	1658
	Aug 2018	767	-12	23	732	0	732	11.9	641.50	1658
	Sep 2018	695	-11	18	706	0	706	11.9	640.01	1617
	WY 2018	**9469**	**-166**	**197**	**9106**	**0**	**9106**			
	Oct 2018	489	-4	15	653	0	653	10.6	633.00	1434
	Nov 2018	634	-11	10	561	0	561	9.4	635.00	1486
	Dec 2018	592	-10	9	476	0	476	7.7	638.71	1583
	Jan 2019	723	-19	10	611	0	611	9.9	641.80	1666
	Feb 2019	610	-16	10	584	0	584	10.5	641.80	1666
	Mar 2019	1041	-16	13	977	0	977	15.9	643.05	1700
	Apr 2019	1100	-20	17	1065	0	1065	17.9	643.00	1699
	May 2019	971	-13	22	937	0	937	15.2	643.00	1699
	Jun 2019	869	-18	25	853	0	853	14.3	642.00	1671

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2017 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	Jul 2016	803	20	17	617	10.0	100	74	449.03	600	102	1.7
H	Aug 2016	714	23	17	570	9.3	85	65	448.50	590	99	1.6
I	Sep 2016	711	14	15	490	8.2	89	134	447.97	579	92	1.5
	WY 2016	**8879**	**225**	**140**	**6360**		**1057**	**1467**			**1496**	
S	Oct 2016	640	36	12	466	7.6	80	133	446.90	559	61	1.0
T	Nov 2016	574	21	9	374	6.3	78	140	446.33	549	97	1.6
O	Dec 2016	482	26	7	271	4.4	86	118	447.64	573	112	1.8
R	Jan 2017	408	33	6	244	4.0	68	126	447.29	567	126	2.1
I	Feb 2017	486	15	8	393	7.1	13	62	448.30	586	160	2.9
C	Mar 2017	844	11	9	687	11.2	24	136	447.83	577	203	3.3
A	Apr 2017	955	13	11	729	12.3	42	160	448.73	594	181	3.0
L	May 2017	846	23	13	634	10.3	44	175	448.31	586	111	1.8
*	Jun 2017	853	1	15	689	11.6	58	79	448.41	588	126	2.1
	Jul 2017	820	26	17	680	11.1	57	77	448.50	589	111	1.8
	Aug 2017	707	25	17	570	9.3	57	77	448.50	589	100	1.6
	Sep 2017	753	20	15	523	8.8	101	144	447.50	570	89	1.5
	WY 2017	**8368**	**249**	**140**	**6261**		**708**	**1428**			**1477**	
	Oct 2017	735	28	12	499	8.1	103	141	447.50	571	74	1.2
	Nov 2017	611	19	9	389	6.5	100	125	447.50	571	113	1.9
	Dec 2017	528	19	7	327	5.3	102	125	446.50	552	134	2.2
	Jan 2018	604	17	6	361	5.9	93	157	446.50	552	138	2.2
	Feb 2018	582	10	8	477	8.6	27	73	446.50	552	160	2.9
	Mar 2018	972	7	9	713	11.6	93	152	446.70	555	198	3.2
	Apr 2018	1060	19	11	745	12.5	90	184	448.70	593	175	2.9
	May 2018	932	15	13	640	10.4	93	189	448.70	593	104	1.7
	Jun 2018	848	15	16	671	11.3	90	73	448.70	593	105	1.8
	Jul 2018	796	26	17	639	10.4	93	73	448.00	580	111	1.8
	Aug 2018	732	25	17	573	9.3	92	73	447.50	571	100	1.6
	Sep 2018	706	20	15	510	8.6	35	157	447.50	570	89	1.5
	WY 2018	**9106**	**220**	**139**	**6545**		**1011**	**1524**			**1501**	
	Oct 2018	653	28	12	486	7.9	29	147	447.50	571	74	1.2
	Nov 2018	561	19	9	390	6.5	28	147	447.50	571	116	1.9
	Dec 2018	476	19	7	326	5.3	29	147	446.50	552	131	2.1
	Jan 2019	611	17	6	360	5.8	101	157	446.50	552	138	2.2
	Feb 2019	584	10	8	475	8.6	31	73	446.50	552	160	2.9
	Mar 2019	977	7	9	710	11.5	101	152	446.70	555	198	3.2
	Apr 2019	1065	19	11	742	12.5	98	184	448.70	593	175	2.9
	May 2019	937	15	13	637	10.4	101	189	448.70	593	104	1.7
	Jun 2019	853	15	16	668	11.2	98	73	448.70	593	105	1.8

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2017 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Jul 2016	831	13.5	1072.75	9419	89	427.46	1528.0	311.5	100	374.8
H	Aug 2016	701	11.4	1075.17	9615	196	431.00	1549.0	265.2	100	378.4
I	Sep 2016	702	11.8	1075.23	9620	5	429.97	1539.0	266.3	100	379.1
	WY 2016	**9293**							**3596.9**		
S	Oct 2016	518	8.4	1076.34	9710	90	438.10	1335.0	195.2	87	377.1
T	Nov 2016	751	12.6	1076.55	9727	17	427.42	1072.0	290.6	80	386.7
O	Dec 2016	542	8.8	1080.82	10079	352	438.26	1103.0	207.3	71	382.3
R	Jan 2017	500	8.1	1086.08	10521	442	442.12	857.0	192.4	55	384.9
I	Feb 2017	488	8.8	1089.78	10838	317	446.75	938.0	190.4	58	390.4
C	Mar 2017	911	14.8	1088.26	10707	-131	440.44	1291.1	362.0	79	397.2
A	Apr 2017	961	16.1	1084.89	10420	-287	439.75	1227.0	381.0	76	396.5
L	May 2017	917	14.9	1081.56	10141	-280	434.83	1307.0	360.6	80	393.4
*	Jun 2017	864	14.5	1079.52	9971	-169	433.52	1500.0	335.0	94	387.5
	Jul 2017	848	13.8	1079.31	9954	-18	426.79	1499.0	330.9	94	390.3
	Aug 2017	743	12.1	1081.38	10126	172	427.88	1488.1	286.6	94	385.9
	Sep 2017	715	12.0	1081.09	10101	-25	428.88	1587.0	275.7	100	385.8
	WY 2017	**8757**							**3407.6**		
	Oct 2017	570	9.3	1081.94	10172	71	435.05	1078.0	222.2	68	389.5
	Nov 2017	684	11.5	1081.53	10139	-33	438.20	980.0	272.5	62	398.7
	Dec 2017	645	10.5	1082.42	10212	74	437.67	820.0	259.2	52	402.1
	Jan 2018	716	11.6	1084.28	10369	156	434.29	1197.9	281.2	75	392.7
	Feb 2018	607	10.9	1086.22	10533	164	434.51	1304.1	236.0	81	388.6
	Mar 2018	1036	16.8	1083.55	10307	-226	433.01	1399.0	405.6	88	391.7
	Apr 2018	1095	18.4	1078.90	9920	-387	429.10	1360.0	430.7	87	393.1
	May 2018	966	15.7	1075.40	9633	-287	423.70	1542.0	371.3	100	384.2
	Jun 2018	864	14.5	1073.21	9457	-177	421.21	1529.0	326.7	100	378.3
	Jul 2018	824	13.4	1073.25	9460	3	420.63	1529.0	315.5	100	382.9
	Aug 2018	767	12.5	1075.08	9608	148	421.72	1540.0	292.3	100	381.2
	Sep 2018	695	11.7	1075.05	9605	-2	423.10	1540.0	264.0	100	379.6
	WY 2018	**9469**							**3677.3**		
	Oct 2018	489	8.0	1076.84	9751	145	429.51	1053.1	190.5	68	389.7
	Nov 2018	634	10.6	1076.97	9762	11	432.07	1151.9	244.9	74	386.5
	Dec 2018	592	9.6	1078.44	9882	121	433.41	800.7	233.4	52	394.4
	Jan 2019	723	11.8	1080.27	10033	151	430.32	1169.6	281.7	75	389.7
	Feb 2019	610	11.0	1082.21	10195	162	430.53	1273.5	235.2	81	385.5
	Mar 2019	1041	16.9	1079.44	9965	-230	428.99	1366.2	404.1	88	388.4
	Apr 2019	1100	18.5	1074.67	9575	-390	424.96	1326.5	428.4	87	389.5
	May 2019	971	15.8	1071.06	9284	-291	419.46	1502.9	369.6	100	380.5
	Jun 2019	869	14.6	1068.78	9103	-181	416.86	1490.0	325.3	100	374.6

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2017 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Jul 2016	803	13.1	643.75	1719	-22	144.39	252.5	103.3	99	128.6
H	Aug 2016	714	11.6	642.00	1671	-48	142.46	255.0	91.6	100	128.4
I	Sep 2016	711	11.9	640.34	1627	-45	138.91	255.0	90.5	100	127.3
	WY 2016	**8879**							**1129.0**		
S	Oct 2016	640	10.4	634.86	1482	-144	135.70	201.5	79.3	79	123.8
T	Nov 2016	574	9.6	640.09	1620	138	140.91	170.9	71.1	67	123.8
O	Dec 2016	482	7.8	641.31	1653	33	138.48	168.3	61.4	66	127.3
R	Jan 2017	408	6.6	643.47	1712	59	143.95	164.5	54.6	65	133.8
I	Feb 2017	486	8.7	642.70	1690	-21	141.54	162.1	63.8	64	131.4
C	Mar 2017	844	13.7	643.70	1718	28	141.08	194.1	109.6	76	129.9
A	Apr 2017	955	16.1	642.45	1684	-34	138.31	204.0	131.0	80	137.2
L	May 2017	846	13.8	643.74	1719	35	142.74	232.0	108.4	91	128.1
*	Jun 2017	853	14.3	643.01	1699	-20	141.59	255.0	107.4	100	126.0
	Jul 2017	820	13.3	642.50	1685	-14	135.78	255.0	103.0	100	125.6
	Aug 2017	707	11.5	642.50	1685	0	135.52	255.0	89.1	100	126.0
	Sep 2017	753	12.7	640.01	1617	-68	134.21	255.0	93.7	100	124.5
	WY 2017	**8368**							**1072.4**		
	Oct 2017	735	12.0	633.00	1434	-183	130.74	202.3	88.5	79	120.4
	Nov 2017	611	10.3	635.00	1486	51	129.19	170.0	72.6	67	118.8
	Dec 2017	528	8.6	638.71	1583	97	132.25	167.8	64.5	66	122.0
	Jan 2018	604	9.8	641.80	1666	83	134.43	210.6	75.3	83	124.6
	Feb 2018	582	10.5	641.80	1666	0	136.73	187.6	73.1	74	125.7
	Mar 2018	972	15.8	643.05	1700	34	137.26	190.8	121.0	75	124.5
	Apr 2018	1060	17.8	643.00	1699	-2	136.07	255.0	131.9	100	124.5
	May 2018	932	15.2	643.00	1699	0	136.04	255.0	116.7	100	125.2
	Jun 2018	848	14.3	642.00	1671	-27	135.51	255.0	106.0	100	125.1
	Jul 2018	796	12.9	641.50	1658	-14	134.73	255.0	99.4	100	124.8
	Aug 2018	732	11.9	641.50	1658	0	134.46	255.0	91.5	100	124.9
	Sep 2018	706	11.9	640.01	1617	-40	133.68	255.0	87.8	100	124.3
	WY 2018	**9106**							**1128.2**		
	Oct 2018	653	10.6	633.00	1434	-183	130.74	202.3	79.0	79	120.9
	Nov 2018	561	9.4	635.00	1486	51	129.19	170.0	66.8	67	119.1
	Dec 2018	476	7.7	638.71	1583	97	132.25	167.8	58.2	66	122.3
	Jan 2019	611	9.9	641.80	1666	83	134.43	210.6	76.1	83	124.5
	Feb 2019	584	10.5	641.80	1666	0	136.73	187.6	73.5	74	125.7
	Mar 2019	977	15.9	643.05	1700	34	137.26	190.8	121.6	75	124.5
	Apr 2019	1065	17.9	643.00	1699	-2	136.07	255.0	132.5	100	124.4
	May 2019	937	15.2	643.00	1699	0	136.04	255.0	117.3	100	125.2
	Jun 2019	853	14.3	642.00	1671	-27	135.51	255.0	106.6	100	125.0

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2017 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Jul 2016	617	10.0	449.03	600	4	83.16	120.0	43.7	100	70.9
H	Aug 2016	570	9.3	448.50	590	-10	82.60	120.0	40.2	100	70.7
I	Sep 2016	490	8.2	447.97	579	-10	82.24	120.0	34.7	100	70.9
	WY 2016	**6345**							**447.6**		
S	Oct 2016	466	7.6	446.90	559	-20	78.88	93.6	32.8	78	70.5
T	Nov 2016	374	6.3	446.33	549	-11	80.55	90.0	26.0	75	69.6
O	Dec 2016	271	4.4	447.64	573	24	83.20	117.6	17.9	98	65.9
R	Jan 2017	244	4.0	447.29	567	-6	81.95	93.9	16.2	78	66.5
I	Feb 2017	393	7.1	448.30	586	19	82.67	90.0	27.9	75	71.0
C	Mar 2017	687	11.2	447.83	577	-9	79.98	90.0	48.8	75	71.1
A	Apr 2017	729	12.3	448.73	594	17	80.51	120.0	51.3	100	70.3
L	May 2017	634	10.3	448.31	586	-8	82.36	120.0	44.8	100	70.6
*	Jun 2017	689	11.6	448.41	588	2	80.56	120.0	48.1	100	69.9
	Jul 2017	680	11.1	448.50	589	2	75.82	120.0	45.1	100	66.2
	Aug 2017	570	9.3	448.50	589	0	75.86	120.0	37.6	100	65.9
	Sep 2017	523	8.8	447.50	570	-19	76.57	94.0	34.8	78	66.5
	WY 2017	**6261**							**431.4**		
	Oct 2017	499	8.1	447.50	571	0	74.97	118.1	32.4	98	64.9
	Nov 2017	389	6.5	447.50	571	0	76.29	90.0	25.5	75	65.4
	Dec 2017	327	5.3	446.50	552	-19	75.66	92.9	21.0	77	64.2
	Jan 2018	361	5.9	446.50	552	0	74.29	111.3	22.9	93	63.5
	Feb 2018	477	8.6	446.50	552	0	74.73	101.8	31.0	85	65.0
	Mar 2018	713	11.6	446.70	555	4	74.69	104.5	46.8	87	65.6
	Apr 2018	745	12.5	448.70	593	38	75.08	120.0	49.1	100	65.9
	May 2018	640	10.4	448.70	593	0	76.05	120.0	42.4	100	66.3
	Jun 2018	671	11.3	448.70	593	0	76.05	120.0	44.6	100	66.5
	Jul 2018	639	10.4	448.00	580	-13	75.71	120.0	42.2	100	66.0
	Aug 2018	573	9.3	447.50	571	-9	75.13	120.0	37.5	100	65.4
	Sep 2018	510	8.6	447.50	570	0	74.89	120.0	33.1	100	65.0
	WY 2018	**6545**							**428.5**		
	Oct 2018	486	7.9	447.50	571	0	75.85	98.7	31.9	82	65.6
	Nov 2018	390	6.5	447.50	571	0	75.83	99.0	25.3	83	65.0
	Dec 2018	326	5.3	446.50	552	-19	74.40	120.0	20.6	100	63.2
	Jan 2019	360	5.8	446.50	552	0	75.02	95.8	23.0	80	64.1
	Feb 2019	475	8.6	446.50	552	0	75.21	92.1	31.1	77	65.5
	Mar 2019	710	11.5	446.70	555	4	74.05	119.0	46.1	99	65.0
	Apr 2019	742	12.5	448.70	593	38	75.08	120.0	48.9	100	65.9
	May 2019	637	10.4	448.70	593	0	76.05	120.0	42.2	100	66.3
	Jun 2019	668	11.2	448.70	593	0	76.05	120.0	44.4	100	66.4

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2017 24-Month Study

Most Probable Inflow*

Upper Basin Power

	Date	Glen Canyon 1000 MWHR	Flaming Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Reservoir 1000 MWHR	Fontenelle Reservoir 1000 MWHR
*	Jul 2016	435	46	34	40	22	6
H	Aug 2016	408	44	33	39	22	6
I	Sep 2016	315	42	30	36	20	3
	Summer 2016	**2111**	**276**	**166**	**218**	**116**	**34**
S	Oct 2016	269	33	26	33	19	0
T	Nov 2016	277	30	9	11	6	0
O	Dec 2016	395	41	10	11	6	0
R	Jan 2017	385	43	10	11	5	0
I	Feb 2017	307	43	13	19	10	0
C	Mar 2017	312	97	19	22	0	0
	Winter 2017	**1945**	**289**	**87**	**107**	**46**	**0**
A	Apr 2017	270	102	15	22	6	0
L	May 2017	291	105	43	72	17	4
*	Jun 2017	346	102	40	66	8	6
	Jul 2017	360	84	34	41	22	10
	Aug 2017	381	55	35	41	21	10
	Sep 2017	280	53	33	40	20	7
	Summer 2017	**1928**	**500**	**200**	**283**	**94**	**36**
	Oct 2017	270	54	20	25	13	7
	Nov 2017	269	53	19	23	12	7
	Dec 2017	301	62	34	41	21	7
	Jan 2018	359	63	13	17	9	6
	Feb 2018	312	57	10	14	7	6
	Mar 2018	331	49	11	15	8	8
	Winter 2018	**1842**	**338**	**108**	**135**	**70**	**40**
	Apr 2018	293	48	15	22	12	6
	May 2018	295	68	45	62	23	6
	Jun 2018	317	60	21	32	20	8
	Jul 2018	362	36	32	39	21	10
	Aug 2018	382	36	34	40	21	10
	Sep 2018	284	35	33	40	20	6
	Summer 2018	**1933**	**283**	**180**	**234**	**117**	**45**
	Oct 2018	271	36	19	23	12	6
	Nov 2018	270	35	17	21	11	6
	Dec 2018	302	36	28	35	18	6
	Jan 2019	360	36	12	15	8	5
	Feb 2019	312	32	9	13	7	4
	Mar 2019	332	36	11	15	8	5
	Winter 2019	**1515**	**175**	**85**	**106**	**55**	**27**
	Apr 2019	294	35	14	21	12	5
	May 2019	297	56	46	65	23	7
	Jun 2019	321	53	25	36	22	9

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2017 24-Month Study

Most Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions

Date	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Total KAF	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****EFFECTIVE SPACE****										
Jul 2017	372	36	298	8914	9621	17406	27027	154	12	8	175	8914	17406	26495	1500	848	0	33.9
								****CREDITABLE SPACE****										
Aug 2017	239	19	340	8891	9489	17423	26913	239	19	340	598	8891	17423	26913	1500	743	0	33.7
Sep 2017	253	57	372	9186	9868	17251	27119	253	57	372	682	9186	17251	27119	2270	715	0	33.3
Oct 2017	312	113	380	9343	10147	17276	27423	312	113	380	804	9343	17276	27423	3040	570	0	33.0
Nov 2017	371	135	373	9435	10313	17205	27518	371	135	373	878	9435	17205	27518	3810	684	0	32.8
Dec 2017	432	160	367	9542	10502	17238	27740	432	160	367	959	9542	17238	27740	4580	645	0	32.6
Jan 2018	544	240	369	9718	10872	17165	28037	544	240	369	1154	9718	17165	28037	5350	716	0	32.4
								****EFFECTIVE SPACE****										
Jan 2018	544	240	369	9718	10872	17165	28037	162	222	369	754	9718	17165	27637	5350	716	0	32.4
Feb 2018	652	256	371	10077	11356	17008	28364	271	238	371	880	10077	17008	27966	1500	607	0	32.2
Mar 2018	744	266	367	10331	11707	16844	28551	362	250	367	979	10331	16844	28154	1500	1036	0	31.8
Apr 2018	765	266	331	10564	11926	17070	28996	378	252	331	961	10564	17070	28595	1500	1095	0	31.6
May 2018	753	249	273	10520	11796	17457	29253	359	233	273	865	10520	17457	28842	1500	966	0	32.4
Jun 2018	715	210	111	9603	10639	17744	28383	311	189	111	611	9603	17744	27958	1500	864	0	33.9
Jul 2018	533	37	28	8386	8984	17920	26905	115	-3	0	112	8386	17920	26418	1500	824	0	33.8
								****CREDITABLE SPACE****										
Aug 2018	435	35	89	8531	9090	17917	27007	435	35	89	559	8531	17917	27007	1500	767	0	33.4
Sep 2018	464	83	151	8914	9613	17769	27382	464	83	151	698	8914	17769	27382	2270	695	0	33.0
Oct 2018	516	144	278	9035	9974	17772	27745	516	144	278	938	9035	17772	27745	3040	489	0	32.7
Nov 2018	563	165	277	9179	10184	17626	27811	563	165	277	1005	9179	17626	27811	3810	634	0	32.5
Dec 2018	610	189	283	9328	10410	17615	28026	610	189	283	1083	9328	17615	28026	4580	592	0	32.4
Jan 2019	675	257	294	9559	10785	17495	28280	675	257	294	1226	9559	17495	28280	5350	723	0	32.1
								****EFFECTIVE SPACE****										
Jan 2019	675	257	294	9559	10785	17495	28280	388	257	63	708	9559	17495	27762	5350	723	0	32.1
Feb 2019	734	271	307	9953	11266	17344	28610	446	271	76	793	9953	17344	28090	1500	610	0	31.9
Mar 2019	781	279	309	10245	11614	17182	28796	490	279	76	846	10245	17182	28272	1500	1041	0	31.6
Apr 2019	781	280	254	10445	11761	17412	29173	486	280	15	781	10445	17412	28638	1500	1100	0	31.5
May 2019	749	254	165	10318	11486	17802	29288	448	254	-98	604	10318	17802	28724	1500	971	0	32.7
Jun 2019	667	196	233	8928	10024	18093	28117	356	196	-70	482	8928	18093	27503	1500	869	0	34.2

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3037

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August 24-Month Study
Date: August 14, 2017

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

Reservoir	July Inflow (unregulated) (acre-feet)	Percent of Average (%)	August 13, Midnight Elevation (feet)	August 13, Midnight Reservoir Storage (acre-feet)
Fontenelle	332,000	187	6,500.11	299,000
Flaming Gorge	387,000	184	6,035.19	3,554,000
Blue Mesa	135,000	116	7,518.29	820,000
Navajo	49,000	74	6,060.21	1,350,000
Powell	1,073,000	98	3,633.40	15,237,000

Expected Operations

The operation of Lake Powell and Lake Mead in this August 2017 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines) and reflects the 2017 Annual Operating Plan (AOP). Pursuant to the Interim Guidelines, the August 2016 24-Month Study projections of the January 1, 2017, system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2017.

Consistent with Section 6.B of the Interim Guidelines, the Lake Powell operational tier for water year 2017 is the Upper Elevation Balancing Tier. With an 8.23 million acre-feet (maf) release from Lake Powell in water year 2017, the April 2017 24-Month Study projected the end of water year elevation at Lake Powell to be above 3,575 feet above sea level (feet) and the end of water year elevation at Lake Mead to be below 1,075 feet. Therefore, in accordance with Section 6.B.4 of the Interim Guidelines, Lake Powell operations shifted to balancing releases for the remainder of water year 2017. Under Section 6.B.4, the contents of Lake Powell and Lake Mead will be balanced by the end of the water year, but not more than 9.0 maf and not less than 8.23 maf shall be released from Lake Powell. Based on the most probable inflow forecast, this August 24-Month Study projects a balancing release of 9.0 maf in water year 2017.

Consistent with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar year 2017.

The August 2017 24-Month Study projects the January 1, 2018 Lake Powell elevation to be below the 2018 Equalization Elevation of 3,654 feet and above elevation 3,575 feet. Consistent with Section 6.B of the Interim Guidelines, Lake Powell's operations in water year 2018 will be governed by the Upper Elevation Balancing Tier, with an initial water year release volume of 8.23 maf and the potential for an April adjustment to equalization or balancing releases in April 2018. Consistent with Section 6.B.4 of the Interim Guidelines, an April adjustment to balancing releases is currently projected to occur and Lake Powell is projected to release 9.0 maf in water year 2018.

The August 2017 24-Month Study projects the January 1, 2018 Lake Mead elevation to be above 1,075 feet. Consistent with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar year 2018.

The operational tier determinations will be documented in the 2018 AOP, which is currently in development.

The Interim Guidelines are available for download at:

https://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf

The 2017 AOP is available for download at:

https://www.usbr.gov/uc/water/rsvrs/ops/aop/AOP17.pdf

Fontenelle Reservoir – Fontenelle Reservoir is currently at elevation 6503 feet, which amounts to 95 percent of live storage capacity. Inflows for the month of July totaled 331,800 acre-feet (af), or 175 percent of average. Above average inflows are continuing to occur. Releases are currently set at 2,800 cubic feet per second (cfs) (08/13/2017).

The Colorado Basin River Forecast Center has forecasted summer and fall inflows that are above average. August, September, and October forecasted inflow volumes amount to 125,000 af (161 percent of average), 80,000 af (174 percent of average), and 70,000 af (145 percent of average), respectively.

The next Fontenelle Working Group meeting is scheduled for 10:00 a.m., August 23, 2017. The meeting will be held at the Wyoming Game and Fish Department office in Green River, Wyoming. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir.

Flaming Gorge Reservoir – Releases are currently decreasing to base flow release of 2,400 cfs on average each day, and are expected to remain at this level through the end of September.

Unregulated inflow into Flaming Gorge Reservoir during the month of July was 387,000 af, or 183 percent of average. The reservoir elevation is 6,034.75 (94 percent of live capacity) and increasing. The observed April-July unregulated inflow volume into Flaming Gorge Reservoir was 2.21 maf (226 percent of average). This is the second highest inflow volume into Flaming Gorge with the record volume inflow in 1986 at 2.26 maf (232 percent of average).

The August final forecast for inflows for the next three months projects above average conditions: August, September and October forecasted inflow volumes at 145,000 af (164 percent of average), 92,000 af (167 percent of average), and 85,000 af (144 percent of average), respectively.

The May water supply forecast of the April through July unregulated inflow volume into Flaming Gorge Reservoir is 2.26 million acre-feet (232 percent of average). The hydrologic classification based on the May final forecast would be wet. However, the Yampa River forecast falls in the average (below median) hydrologic classification. The Record of Decision allows for flexibility to implement hydrologic classification two higher or one lower than the official forecast. Utilizing the flexibility within the ROD, the hydrologic classification is moderately wet. It is unlikely that Reclamation will meet the moderately wet hydrologic targets with the current Yampa River flows.

The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stakeholders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations and plans presented by Reclamation at these meetings. Meeting notes from past Working Group meetings are posted on the Working Group webpage. For more information on this group and these meetings please contact Dale Hamilton at 801-379-1186 or Heather Patno at 801-524-3883.

Reclamation will be holding the Flaming Gorge Working Group meeting on Monday, August 14, 2017, at 7:00 p.m. at the Uinta Conference Center, 313 East 200 South, Vernal, Utah.

Aspinall Unit Reservoirs – Releases from Crystal Dam are approximately 1,950 cfs. Blue Mesa Reservoir is nearly full at 7518. 3 feet which corresponds to a storage content 820,000 af (99 percent of full capacity). Releases from Crystal are anticipated to remain near this level through August and September. With Uncompahgre Valley Water Users Association is diverting approximately 1,000 cfs through the Gunnison Tunnel the river flows through the Black Canyon are anticipated to remain near 900 cfs for the remainder of the summer.

The July unregulated inflow to Blue Mesa Reservoir was 135,000 af (116 percent of average). The April through July observed unregulated inflow for 2017 was 919,000 af

(135 percent of average). The forecasted unregulated inflows to Blue Mesa for the next three months (August, September and October) are projected to be: 72,000 af (114 percent of average), 50,000 af (132 percent of average) and 45,000 af (118 percent of average), respectively. For water year 2018, the forecasted annual unregulated inflow volume is 955,000 af (100 percent of average) with 657,000 af (97 percent of average) forecasted volume occurring during the April through July period. The July 24-Month Study is reflective of this new forecast.

The Aspinall Unit Working Group is an open public forum for information exchange between Reclamation and the stakeholders of the Aspinall Unit. The public is encouraged to attend and comments on the operations and plans presented by Reclamation at these meetings. Meeting notes from past working Group meetings are posted on the Working Group webpage. For more information on this group and these meetings please contact Erik Knight in the Grand Junction Area Office at (970) 248-0629.

Meeting notes from past working Group meetings are posted on the Working Group webpage at:

https://www.usbr.gov/uc/wcao/water/rsvrs/mtgs/amcurrnt.html

For more information on this group and these meetings please contact Erik Knight in the Grand Junction Area Office at (970) 248-0629.

The next meeting of the Aspinall Unit Working Group will be held on Thursday, August 17th, 2017 at 1:00 pm at the Elk Creek Visitor Center at Blue Mesa Reservoir.

Navajo Reservoir – As of August 3, 2017, Navajo reservoir elevation is 6060.75 feet (1.36 maf live storage) and is releasing 500 cfs. Releases are made for the authorized purposes of the Navajo Unit, and pursuant to the 2006 Record of Decision, in an attempt to maintain a target base flow through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell). The San Juan River Basin Recovery Implementation Program (SJRIP) recommends a target base flow of between 500 cfs and 1,000 cfs through the critical habitat area. The target base flow is calculated as the weekly average of gaged flows throughout the critical habitat area.

Modified unregulated inflow into Navajo was 48,800 af, which was 74 percent of average for the month of July. Final April-July modified unregulated inflow into Navajo Reservoir totaled 775,000 af (105 percent of average).

The spring peak release ramped up from May 3rd to May 18th. A short decrease occurred on May 9th, due to heavy rains in the San Juan River Basin that had the potential to add significant inflows into the channel. Ramp up resumed May 10th. On May 19th, the release was reduced for 3 days to allow the San Juan County Office of Emergency Management to reduce flood risk on some properties downstream. The peak flow of 4,800 cfs (on average) continued through June 23rd. The release peaked at 4,900 cfs on

July 15th. The spring peak release ramped down at the end of June, and was back to base flows by July 5th. The preliminary calculations show that the release volume (over a 500 cfs base flow) totaled 438,000 af.

The most probable modified unregulated inflow forecast for August at Navajo is 37,000 af (82 percent of average), for September is 35,000 af (81 percent of average), and for October is 42,000 af (89 percent of average). Releases for the remainder of the summer and fall will be made to maintain the target baseflow in the critical habitat reach and will likely range between 400 and 650 cfs. Navajo reservoir elevation is currently expected to reach 6058 feet at the end of the water year.

Reclamation conducts Public Operations Meetings three times per year to gather input for determining upcoming operations for Navajo Reservoir. Input from individuals, organizations, and agencies along with other factors such as weather, water rights, endangered species requirements, flood control, hydro power, recreation, fish and wildlife management, and reservoir levels, will be considered in the development of these reservoir operation plans. In addition, the meetings are used to coordinate activities and exchange information among agencies, water users, and other interested parties concerning the San Juan River and Navajo Reservoir.

The next Navajo Public Operations Coordination Meeting is scheduled for August 22, 2017, at 1:00 pm at the Farmington Civic Center, Farmington, NM.

Glen Canyon Dam / Lake Powell

Current Status

The April to July 2017 unregulated inflow to Lake Powell was 8.17 maf (114 percent of average. The unregulated inflow in July was 1.07 maf (117 percent of average). The release volume from Glen Canyon Dam in July was 0.850 maf. The end of July elevation and storage of Lake Powell were 3,634.69 feet (65 feet from full pool) and 15.38 maf (63 percent of full capacity), respectively. The reservoir elevation peaked at 3,635.80 feet on July 11th and is now in its seasonal decline through the fall and winter months.

Current Operations

The operating tier for water year 2017 was established in August 2016 as the Upper Elevation Balancing Tier. The April 2017 24-Month Study established that Lake Powell operations will be governed by balancing for the remainder of water year 2017. Under balancing, the contents of Lake Powell and Lake Mead will be balanced by the end of the water year, but not more than 9.0 maf and not less than 8.23 maf shall be released from Lake Powell. Based on the most probable inflow forecast, this August 24-Month Study projects a balancing release of 9.0 maf in water year 2017. Reclamation will schedule operations at Glen Canyon Dam to achieve as practicably as possible the appropriate total annual release volume by September 30, 2017.

The operating tier for water year 2018, established this August 2017, is the Upper Elevation Balancing Tier, with an initial water year release volume of 8.23 maf and the

potential for an April 2018 adjustment to equalization or balancing releases. Based on the current forecast, an April adjustment to balancing releases is projected to occur and Lake Powell is currently projected to release 9.0 maf in water year 2018. This projection will be updated each month throughout the water year.

In August, the release volume will be approximately 900 kaf, with fluctuations anticipated between about 10,000 cfs in the nighttime to about 18,000 cfs in the daytime and consistent with the Glen Canyon Operating Criteria (Federal Register, Volume 62, No. 41, March 3, 1997). The anticipated release volume for September is 663,000 af with daily fluctuations between approximately 8,500 cfs and 14,500 cfs. The expected release for October is 630,000 af with daily fluctuations between approximately 7,300 cfs and 13,000 cfs.

In addition to daily scheduled fluctuations for power generation, the instantaneous releases from Glen Canyon Dam may also fluctuate to provide 40 megawatts (mw) of system regulation. These instantaneous release adjustments stabilize the electrical generation and transmission system and translate to a range of about 1,200 cfs above or below the hourly scheduled release rate. Under system normal conditions, fluctuations for regulation are typically short lived and generally balance out over the hour with minimal or no noticeable impacts on downstream river flow conditions.

Releases from Glen Canyon Dam can also fluctuate beyond scheduled releases when called upon to respond to unscheduled power outages or power system emergencies. Depending on the severity of the system emergency, the response from Glen Canyon Dam can be significant, within the full range of the operating capacity of the power plant for as long as is necessary to maintain balance in the transmission system. Glen Canyon Dam currently maintains 27 mw (approximately 800 cfs) of generation capacity in reserve in order to respond to a system emergency even when generation rates are already high. System emergencies occur fairly infrequently and typically require small responses from Glen Canyon Dam. However, these responses can have a noticeable impact on the river downstream of Glen Canyon Dam.

Inflow Forecasts and Model Projections

The forecast for water year 2018 unregulated inflow to Lake Powell, issued on August 1, 2017, by the Colorado Basin River Forecast Center, projects that the most probable (median) unregulated inflow volume next year will be 9.76 maf (90 percent of average). There is significant uncertainty regarding next season's snow pack development and resulting runoff into Lake Powell. The forecast ranges from a minimum probable of 6.0 maf (55 percent of average) to a maximum probable of 17.5 maf (162 percent of average). There is a 10 percent chance that inflows could be higher than the current maximum probable forecast and a 10 percent chance that inflows could be lower than the minimum probable forecast.

Based on the current forecast, the August 24-Month Study projects Lake Powell elevation will end water year 2017 near 3,631 feet with approximately 15.0 maf in storage (62 percent capacity) and water year 2018 near 3,635 feet with approximately 15.4 maf in

storage (63 percent capacity). Note that projections of elevation and storage for water year 2018 have significant uncertainty at this point in the season. Projections of elevation and storage using the minimum and maximum probable inflow forecast are 3,607 feet (12.4 maf, 51 percent capacity) and 3,654 feet (17.7 maf, 73 percent capacity), respectively. Under these scenarios, there is a 10 percent chance that inflows will be higher, resulting in higher elevation and storage, and 10 percent chance that inflows will be lower, resulting in lower elevation and storage. The annual release volume from Lake Powell during water year 2018 is projected to be 9.0 maf under the minimum and most probable inflow scenarios and 13.8 maf under the maximum probable inflow scenario. There is a chance that inflows could be higher or lower, potentially resulting in releases greater than 13.8 maf or as low as 8.23 maf in water year 2018.

Upper Colorado River Basin Hydrology

The Upper Colorado River Basin regularly experiences significant year to year hydrologic variability. During the 17-year period 2000 to 2016, however, the unregulated inflow to Lake Powell, which is a good measure of hydrologic conditions in the Colorado River Basin, was above average in only 3 out of the past 17 years. The period 2000-2016 is the lowest 17-year period since the closure of Glen Canyon Dam in 1963, with an average unregulated inflow of 8.57 maf, or 79 percent of the 30-year average (1981-2010). (For comparison, the 1981-2010 total water year average is 10.83 maf.) The unregulated inflow during the 2000-2016 period has ranged from a low of 2.64 maf (24 percent of average) in water year 2002 to a high of 15.97 maf (147 percent of average) in water year 2011. In water year 2016 unregulated inflow volume to Lake Powell was 9.62 maf (89 percent of average). Under the current most probable forecast, the total water year 2017 unregulated inflow to Lake Powell is projected to be 12.21 maf (113 percent of average).

At the beginning of water year 2017, total system storage in the Colorado River Basin was 30.2 maf (51 percent of 59.6 maf total system capacity). This is nearly the same as the total storage at the beginning of water years 2015 and 2016 which began at 30.1 maf and 30.3 maf, respectively, both of which were 51 percent of capacity. Since the beginning of water year 2000, total Colorado Basin storage has experienced year to year increases and decreases in response to wet and dry hydrology, ranging from a high of 94% of capacity at the beginning of 2000 to a low of 50 percent of capacity at the beginning of water year 2005. One wet year can significantly increase total system reservoir storage, just as persistent dry years can draw down the system storage. Based on current inflow forecasts, the current projected end of water year total Colorado Basin reservoir storage for water year 2018 is approximately 32.85 maf (55 percent of total system capacity). The actual end of water year 2018 system storage may vary from this projection, primarily due to uncertainty regarding this season's runoff and reservoir inflow. Based on the August minimum and maximum probable inflow forecasts and modeling, the range of end of water year 2018 total system capacity is approximately 29.4 maf (49 percent of capacity) to 35.6 maf (60 percent of capacity), respectively.

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-430
125 SOUTH STATE STREET, ROOM 8100
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-3709

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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:	Obs			jul	Forecast			Observed	
:	apr	may	jun	jul	%Avg	aug	sep	oct	apr-jul	%Avg
GLDA3:Lake Powell	1608	2377	3115	1073	98%:	550/	420/	510/	8173/:	114%
GBRW4:Fontenelle	225	430	732	332	187%:	125/	80/	70/	1719/:	237%
GRNU1:Flaming Gorge	350	582	895	387	183%:	145/	92/	85/	2214/:	226%
BMDC2:Blue Mesa	145	244	392	138	118%:	72/	50/	45/	919/:	136%
MPSC2:Morrow Point	157	263	411	142	115%:	77/	53/	48/	973/:	131%
CLSC2:Crystal	167	285	446	148	108%:	82/	59/	55/	1046/:	125%
TPIC2:Taylor Park	13.0	30	63	24	119%:	12/	8/	8/	130/:	131%
VCRC2:Vallecito	45	67	72	30	103%:	23/	18/	15/	214/:	110%
NVRN5:Navajo	235	264	230	49	74%:	37/	35/	42/	778/:	106%
LEMC2:Lemon	9.8	17.0	23	7.0	105%:	5/	4/	3/	57/:	104%
MPHC2:McPhee	95	130	95	25	111%:	14/	11/	9/	345/:	117%
RBSC2:Ridgway	11.9	20	46	27	106%:	15/	9/	8/	105/:	104%

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2017 24-Month Study

Most Probable Inflow*

Fontenelle Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Aug 2016	29	2	65	0	65	6495.03	262
H	Sep 2016	26	2	36	21	58	6490.22	229
	WY 2016	**943**	**15**	**739**	**213**	**952**		
I	Oct 2016	57	1	0	57	57	6490.08	228
S	Nov 2016	62	1	0	59	59	6490.44	230
T	Dec 2016	37	1	0	63	63	6486.33	203
O	Jan 2017	45	1	0	63	63	6483.20	184
R	Feb 2017	51	1	0	57	57	6482.06	178
I	Mar 2017	180	1	0	150	150	6486.90	207
C	Apr 2017	225	1	0	304	304	6472.17	128
A	May 2017	430	1	54	373	427	6472.55	129
L	Jun 2017	732	2	74	469	543	6502.49	317
*	Jul 2017	332	3	88	230	319	6503.83	328
	Aug 2017	125	2	102	63	165	6498.24	286
	Sep 2017	80	2	71	0	71	6499.16	293
	WY 2017	**2356**	**15**	**389**	**1888**	**2278**		
	Oct 2017	70	1	74	0	74	6498.49	288
	Nov 2017	63	1	71	0	71	6497.24	279
	Dec 2017	50	1	74	0	74	6493.81	254
	Jan 2018	46	1	74	0	74	6489.53	226
	Feb 2018	40	1	67	0	67	6485.37	198
	Mar 2018	60	1	101	4	105	6477.27	153
	Apr 2018	88	1	94	32	126	6468.78	114
	May 2018	165	1	97	35	132	6475.83	146
	Jun 2018	300	2	101	44	145	6499.95	298
	Jul 2018	190	3	101	41	142	6505.77	344
	Aug 2018	72	2	74	0	74	6505.25	340
	Sep 2018	46	2	71	0	71	6501.77	312
	WY 2018	**1190**	**15**	**999**	**156**	**1155**		
	Oct 2018	49	1	68	0	68	6499.09	292
	Nov 2018	42	1	65	0	65	6495.79	268
	Dec 2018	32	1	68	0	68	6490.57	232
	Jan 2019	30	1	68	0	68	6484.65	194
	Feb 2019	28	1	61	0	61	6478.66	160
	Mar 2019	53	0	85	0	85	6471.78	127
	Apr 2019	85	1	93	4	97	6468.94	115
	May 2019	164	1	96	54	150	6471.90	127
	Jun 2019	299	2	99	56	155	6496.01	270
	Jul 2019	178	3	101	0	101	6505.76	344

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2017 24-Month Study

Most Probable Inflow*

Flaming Gorge Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	Aug 2016	28	64	13	110	0	110	131	6027.55	3255	133
H	Sep 2016	36	67	11	107	0	107	129	6026.27	3207	128
	WY 2016	**1427**	**1437**	**80**	**1406**	**203**	**1609**				**3435**
I	Oct 2016	70	70	7	85	0	85	128	6025.69	3186	119
S	Nov 2016	73	70	4	77	0	77	128	6025.41	3175	112
T	Dec 2016	35	61	2	106	0	106	126	6024.19	3130	136
O	Jan 2017	49	67	2	110	0	110	124	6023.01	3087	155
R	Feb 2017	106	112	2	109	0	109	124	6023.03	3088	189
I	Mar 2017	400	370	3	256	26	282	128	6025.25	3169	408
C	Apr 2017	350	428	5	268	244	511	124	6022.93	3084	745
A	May 2017	582	580	8	278	171	449	129	6026.15	3203	857
L	Jun 2017	895	705	11	263	223	486	137	6031.41	3404	859
*	Jul 2017	387	374	14	180	48	228	142	6034.61	3531	314
	Aug 2017	145	185	13	142	0	142	143	6035.32	3559	162
	Sep 2017	92	83	12	143	0	143	140	6033.62	3491	155
	WY 2017	**3184**	**3105**	**81**	**2017**	**712**	**2729**				**4213**
	Oct 2017	85	89	8	148	0	148	138	6032.00	3427	172
	Nov 2017	84	92	4	143	0	143	136	6030.67	3375	174
	Dec 2017	55	79	2	169	0	169	132	6028.38	3287	194
	Jan 2018	64	92	2	172	0	172	129	6026.29	3208	194
	Feb 2018	64	91	2	156	0	156	127	6024.55	3144	178
	Mar 2018	120	165	3	135	0	135	128	6025.24	3169	202
	Apr 2018	150	188	5	131	0	131	130	6026.59	3220	321
	May 2018	235	202	8	187	0	187	130	6026.78	3227	682
	Jun 2018	360	205	10	164	0	164	131	6027.58	3256	614
	Jul 2018	213	165	13	98	0	98	133	6028.92	3308	176
	Aug 2018	85	87	13	98	0	98	132	6028.31	3284	119
	Sep 2018	55	80	11	95	0	95	131	6027.65	3259	110
	WY 2018	**1570**	**1535**	**80**	**1696**	**0**	**1696**				**3136**
	Oct 2018	59	78	7	98	0	98	130	6026.95	3233	126
	Nov 2018	51	74	3	95	0	95	129	6026.33	3210	125
	Dec 2018	35	71	2	98	0	98	128	6025.56	3181	124
	Jan 2019	40	78	2	98	0	98	127	6024.98	3160	123
	Feb 2019	45	78	2	89	0	89	127	6024.64	3147	117
	Mar 2019	102	135	3	98	0	98	128	6025.51	3179	175
	Apr 2019	134	145	5	95	0	95	130	6026.67	3222	310
	May 2019	245	231	8	153	0	153	132	6028.48	3291	685
	Jun 2019	390	245	11	146	0	146	136	6030.71	3376	566
	Jul 2019	210	133	14	98	0	98	137	6031.23	3397	198

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2017 24-Month Study

Most Probable Inflow*

Taylor Park Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Aug 2016	9	16	9315.75	79
H	Sep 2016	6	14	9310.77	71
	WY 2016	**125**	**125**		
I	Oct 2016	5	6	9310.23	70
S	Nov 2016	4	5	9309.76	70
T	Dec 2016	5	5	9309.56	69
O	Jan 2017	6	5	9309.76	70
R	Feb 2017	4	5	9309.43	69
I	Mar 2017	6	6	9309.23	69
C	Apr 2017	13	9	9312.04	73
A	May 2017	30	19	9318.55	84
L	Jun 2017	62	45	9327.76	102
*	Jul 2017	24	26	9326.95	100
	Aug 2017	12	23	9321.18	89
	Sep 2017	8	18	9315.72	79
	WY 2017	**179**	**171**		
	Oct 2017	8	8	9315.79	79
	Nov 2017	6	6	9315.79	79
	Dec 2017	5	6	9315.21	78
	Jan 2018	5	6	9314.62	77
	Feb 2018	4	6	9313.43	75
	Mar 2018	4	6	9312.22	73
	Apr 2018	7	8	9311.61	72
	May 2018	26	17	9316.94	81
	Jun 2018	42	22	9327.64	101
	Jul 2018	15	22	9324.04	94
	Aug 2018	9	20	9318.07	83
	Sep 2018	7	16	9312.83	74
	WY 2018	**138**	**143**		
	Oct 2018	6	8	9311.88	73
	Nov 2018	5	6	9311.28	72
	Dec 2018	5	6	9310.46	71
	Jan 2019	4	6	9309.42	69
	Feb 2019	4	6	9308.01	67
	Mar 2019	4	6	9306.99	65
	Apr 2019	9	6	9308.78	68
	May 2019	28	20	9313.89	76
	Jun 2019	42	22	9324.82	96
	Jul 2019	20	22	9323.85	94

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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August 2017 24-Month Study

Most Probable Inflow*

Blue Mesa Reservoir

	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Aug 2016	57	65	1	110	0	110	7506.94	720
H	Sep 2016	38	46	1	100	0	100	7500.48	665
	WY 2016	**881**	**882**	**9**	**913**	**19**	**934**		
I	Oct 2016	32	33	1	90	0	90	7493.44	608
S	Nov 2016	26	27	0	33	0	33	7492.53	601
T	Dec 2016	26	26	0	35	0	35	7491.43	593
O	Jan 2017	29	28	0	34	0	34	7490.68	587
R	Feb 2017	28	29	0	44	1	44	7488.71	571
I	Mar 2017	70	70	0	69	0	70	7488.71	571
C	Apr 2017	145	140	1	53	0	53	7499.55	658
A	May 2017	244	233	1	151	65	293	7491.98	597
L	Jun 2017	392	373	1	139	35	175	7515.35	793
*	Jul 2017	135	137	2	113	0	110	7518.20	819
	Aug 2017	72	83	1	111	0	111	7515.02	790
	Sep 2017	50	60	1	107	0	107	7509.53	742
	WY 2017	**1248**	**1240**	**9**	**978**	**101**	**1155**		
	Oct 2017	45	45	1	80	0	80	7505.35	706
	Nov 2017	37	37	0	75	0	75	7500.79	668
	Dec 2017	33	34	0	113	0	113	7490.95	589
	Jan 2018	29	30	0	65	0	65	7486.37	553
	Feb 2018	24	26	0	44	0	44	7483.94	535
	Mar 2018	36	38	0	47	0	47	7482.65	525
	Apr 2018	71	72	1	50	0	50	7485.44	546
	May 2018	210	201	1	146	0	146	7492.46	601
	Jun 2018	275	255	1	59	0	59	7515.55	795
	Jul 2018	101	108	2	96	0	96	7516.74	806
	Aug 2018	53	64	1	102	0	102	7512.39	767
	Sep 2018	41	50	1	99	0	99	7506.60	717
	WY 2018	**955**	**960**	**9**	**976**	**0**	**976**		
	Oct 2018	40	42	1	69	0	69	7503.35	689
	Nov 2018	32	33	0	64	0	64	7499.60	658
	Dec 2018	26	27	0	104	0	104	7489.95	581
	Jan 2019	24	26	0	68	0	68	7484.42	539
	Feb 2019	22	25	0	49	0	49	7481.09	514
	Mar 2019	36	38	0	53	0	53	7478.92	498
	Apr 2019	77	74	1	54	0	54	7481.63	518
	May 2019	221	213	1	144	0	144	7490.60	586
	Jun 2019	261	241	1	54	0	54	7512.98	772
	Jul 2019	117	119	2	87	0	87	7516.37	802

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
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August 2017 24-Month Study

Most Probable Inflow*

Morrow Point Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Aug 2016	58	110	1	111	111	0	111	7153.88	112
H	Sep 2016	39	100	1	100	103	0	103	7150.03	109
	WY 2016	**931**	**934**	**49**	**983**	**972**	**5**	**978**		
I	Oct 2016	33	90	1	91	93	0	93	7146.55	106
S	Nov 2016	28	33	2	36	32	0	35	7147.39	107
T	Dec 2016	27	35	1	36	34	0	34	7150.44	109
O	Jan 2017	30	34	2	36	33	0	33	7153.75	112
R	Feb 2017	29	44	1	45	55	0	55	7140.48	102
I	Mar 2017	74	70	5	74	64	0	68	7148.96	108
C	Apr 2017	157	53	12	66	65	0	65	7149.64	109
A	May 2017	263	293	19	312	203	0	312	7149.70	109
L	Jun 2017	411	175	19	195	184	0	193	7151.34	110
*	Jul 2017	139	110	4	114	37	0	111	7155.13	113
	Aug 2017	77	111	5	116	117	0	117	7153.73	112
	Sep 2017	53	107	3	110	110	0	110	7153.73	112
	WY 2017	**1323**	**1155**	**74**	**1229**	**1028**	**0**	**1225**		
	Oct 2017	48	80	3	83	83	0	83	7153.73	112
	Nov 2017	40	75	3	78	78	0	78	7153.73	112
	Dec 2017	35	113	2	115	115	0	115	7153.73	112
	Jan 2018	31	65	2	67	67	0	67	7153.73	112
	Feb 2018	26	44	2	46	46	0	46	7153.73	112
	Mar 2018	40	47	4	51	51	0	51	7153.73	112
	Apr 2018	81	50	10	60	60	0	60	7153.73	112
	May 2018	230	146	20	166	166	0	166	7153.73	112
	Jun 2018	290	59	15	74	74	0	74	7153.73	112
	Jul 2018	105	96	4	100	100	0	100	7153.73	112
	Aug 2018	56	102	3	105	105	0	105	7153.73	112
	Sep 2018	43	99	2	101	101	0	101	7153.73	112
	WY 2018	**1025**	**976**	**70**	**1046**	**1046**	**0**	**1046**		
	Oct 2018	42	69	2	71	71	0	71	7153.73	112
	Nov 2018	34	64	2	66	66	0	66	7153.73	112
	Dec 2018	28	104	2	106	106	0	106	7153.73	112
	Jan 2019	27	68	2	70	70	0	70	7153.73	112
	Feb 2019	25	49	3	52	52	0	52	7153.73	112
	Mar 2019	40	53	4	57	57	0	57	7153.73	112
	Apr 2019	88	54	11	65	65	0	65	7153.73	112
	May 2019	247	144	26	170	170	0	170	7153.73	112
	Jun 2019	281	54	20	74	74	0	74	7153.73	112
	Jul 2019	123	87	6	93	93	0	93	7153.73	112

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2017 24-Month Study

Most Probable Inflow*

Crystal Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
*	Aug 2016	62	111	4	114	114	0	114	6749.30	16	62	53
H	Sep 2016	42	103	3	106	106	1	107	6747.05	15	59	47
	WY 2016	**1038**	**978**	**107**	**1085**	**811**	**243**	**1084**			**384**	**724**
I	Oct 2016	37	93	4	97	97	0	97	6747.92	15	57	39
S	Nov 2016	31	35	3	38	37	0	37	6750.47	16	1	36
T	Dec 2016	31	34	4	38	36	1	37	6751.45	17	0	37
O	Jan 2017	35	33	4	37	36	2	37	6750.29	16	1	37
R	Feb 2017	34	55	4	59	56	4	60	6749.56	16	0	60
I	Mar 2017	81	68	6	74	0	73	73	6752.06	17	8	66
C	Apr 2017	167	65	10	75	31	44	75	6751.65	17	39	38
A	May 2017	285	312	22	334	86	73	331	6759.83	19	62	271
L	Jun 2017	446	193	36	229	44	127	231	6751.78	17	61	172
*	Jul 2017	148	111	8	119	96	25	121	6746.24	15	63	60
	Aug 2017	82	117	5	122	120	0	120	6753.04	17	65	55
	Sep 2017	59	110	6	116	116	0	116	6753.04	17	55	61
	WY 2017	**1435**	**1225**	**112**	**1338**	**753**	**349**	**1336**			**412**	**931**
	Oct 2017	55	83	7	90	90	0	90	6753.04	17	30	60
	Nov 2017	45	78	5	83	83	0	83	6753.04	17	0	83
	Dec 2017	40	115	5	120	120	0	120	6753.04	17	0	120
	Jan 2018	37	67	6	73	73	0	73	6753.04	17	0	73
	Feb 2018	30	46	4	50	50	0	50	6753.04	17	0	50
	Mar 2018	46	51	6	57	57	0	57	6753.04	17	5	52
	Apr 2018	92	60	11	71	71	0	71	6753.04	17	30	41
	May 2018	260	166	30	196	134	61	196	6753.04	17	55	141
	Jun 2018	325	74	35	109	109	0	109	6753.04	17	60	49
	Jul 2018	116	100	11	111	111	0	111	6753.04	17	65	46
	Aug 2018	62	105	6	111	111	0	111	6753.04	17	65	46
	Sep 2018	49	101	6	107	107	0	107	6753.04	17	55	52
	WY 2018	**1157**	**1046**	**132**	**1178**	**1117**	**61**	**1178**			**365**	**813**
	Oct 2018	48	71	6	77	77	0	77	6753.04	17	30	47
	Nov 2018	39	66	5	71	71	0	71	6753.04	17	0	71
	Dec 2018	32	106	5	111	111	0	111	6753.04	17	0	111
	Jan 2019	31	70	5	75	75	0	75	6753.04	17	0	75
	Feb 2019	29	52	4	56	56	0	56	6753.04	17	0	56
	Mar 2019	46	57	6	63	63	0	63	6753.04	17	5	58
	Apr 2019	101	65	12	77	77	0	77	6753.04	17	30	47
	May 2019	281	170	34	204	134	70	204	6753.04	17	55	149
	Jun 2019	315	74	34	108	108	0	108	6753.04	17	60	48
	Jul 2019	138	93	14	108	108	0	108	6753.04	17	65	43

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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August 2017 24-Month Study

Most Probable Inflow*

Vallecito Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Aug 2016	15	33	7648.82	84
H	Sep 2016	14	27	7643.21	71
	WY 2016	**269**	**270**		
I	Oct 2016	11	8	7644.63	74
S	Nov 2016	6	2	7646.51	79
T	Dec 2016	6	2	7647.98	82
O	Jan 2017	7	5	7648.89	84
R	Feb 2017	7	15	7645.42	76
I	Mar 2017	24	24	7645.75	77
C	Apr 2017	45	35	7649.82	87
A	May 2017	67	44	7658.86	109
L	Jun 2017	72	57	7664.54	124
*	Jul 2017	30	39	7660.94	115
	Aug 2017	23	37	7655.23	100
	Sep 2017	18	30	7650.38	88
	WY 2017	**317**	**297**		
	Oct 2017	15	17	7649.37	85
	Nov 2017	9	3	7651.87	92
	Dec 2017	7	3	7653.51	96
	Jan 2018	6	3	7654.73	99
	Feb 2018	4	2	7655.30	100
	Mar 2018	7	2	7657.25	105
	Apr 2018	20	5	7663.01	120
	May 2018	61	61	7663.01	120
	Jun 2018	67	62	7664.64	124
	Jul 2018	27	42	7658.93	109
	Aug 2018	17	38	7650.44	88
	Sep 2018	15	30	7644.02	73
	WY 2018	**255**	**266**		
	Oct 2018	14	17	7642.57	70
	Nov 2018	8	2	7645.46	76
	Dec 2018	6	2	7647.37	81
	Jan 2019	5	2	7648.84	84
	Feb 2019	5	2	7650.09	87
	Mar 2019	9	2	7652.78	94
	Apr 2019	23	2	7661.08	115
	May 2019	71	68	7662.32	118
	Jun 2019	70	65	7664.23	123
	Jul 2019	29	42	7659.18	110

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Managing Water in the West

August 2017 24-Month Study

Most Probable Inflow*

Navajo Reservoir

	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azetea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Farmington Flow (1000 Ac-Ft)
*	Aug 2016	30	4	45	4	33	35	6059.16	1337	56
H	Sep 2016	21	1	33	3	27	30	6056.98	1310	41
	WY 2016	**863**	**96**	**769**	**29**	**169**	**653**			**1077**
I	Oct 2016	27	0	24	2	5	27	6056.19	1300	46
S	Nov 2016	24	0	19	1	0	22	6055.87	1296	43
T	Dec 2016	25	0	22	1	0	20	6055.92	1297	40
O	Jan 2017	34	0	31	1	0	22	6056.65	1306	39
R	Feb 2017	55	1	62	1	1	27	6059.31	1339	48
I	Mar 2017	176	17	159	2	6	30	6068.54	1460	89
C	Apr 2017	235	33	192	3	19	33	6078.18	1598	137
A	May 2017	262	45	195	4	25	228	6073.94	1536	315
L	Jun 2017	230	46	166	5	40	259	6063.90	1398	458
*	Jul 2017	49	11	47	4	43	38	6061.00	1361	93
	Aug 2017	37	2	50	4	39	35	6058.75	1332	70
	Sep 2017	35	1	46	3	22	29	6058.12	1324	58
	WY 2017	**1189**	**156**	**1013**	**28**	**201**	**769**			**1436**
	Oct 2017	42	2	42	2	8	22	6058.91	1334	48
	Nov 2017	37	1	30	1	1	21	6059.52	1342	39
	Dec 2017	27	0	23	1	1	22	6059.52	1342	37
	Jan 2018	24	0	21	1	0	22	6059.41	1340	36
	Feb 2018	27	0	25	1	0	19	6059.81	1345	30
	Mar 2018	74	3	66	2	5	22	6062.76	1383	40
	Apr 2018	144	16	113	3	21	21	6067.92	1452	66
	May 2018	270	38	232	4	35	201	6067.29	1444	343
	Jun 2018	200	31	164	4	51	238	6057.31	1314	371
	Jul 2018	44	6	53	4	56	29	6054.39	1278	84
	Aug 2018	35	1	55	3	47	37	6051.66	1245	69
	Sep 2018	36	1	50	3	26	30	6050.96	1237	56
	WY 2018	**960**	**98**	**873**	**27**	**251**	**682**			**1217**
	Oct 2018	42	2	43	2	10	22	6051.83	1247	46
	Nov 2018	32	1	24	1	0	21	6052.05	1250	38
	Dec 2018	25	0	20	1	0	22	6051.91	1248	37
	Jan 2019	22	0	18	1	0	22	6051.60	1244	35
	Feb 2019	30	0	27	1	0	19	6052.17	1251	32
	Mar 2019	92	2	83	2	5	22	6056.67	1306	44
	Apr 2019	170	15	134	2	21	21	6063.72	1396	73
	May 2019	277	37	236	4	36	201	6063.40	1392	347
	Jun 2019	224	31	187	4	52	246	6054.28	1277	397
	Jul 2019	66	6	73	4	57	28	6052.99	1261	95

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August 2017 24-Month Study

Most Probable Inflow*

Lake Powell

	Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry Gage (1000 Ac-Ft)
*	Aug 2016	253	432	56	900	0	900	3613.55	5101	13091	914
H	Sep 2016	281	461	50	699	0	699	3610.93	5080	12824	712
	WY 2016	**9616**	**9909**	**378**	**9000**	**0**	**9000**				**9117**
I	Oct 2016	381	477	35	601	0	601	3609.48	5068	12678	610
S	Nov 2016	383	389	33	624	126	750	3605.81	5039	12313	754
T	Dec 2016	300	366	26	898	0	898	3600.49	4997	11797	913
O	Jan 2017	359	415	8	880	0	880	3595.86	4962	11359	900
R	Feb 2017	555	565	8	711	0	711	3594.33	4951	11217	720
I	Mar 2017	1112	895	14	722	0	722	3595.91	4963	11364	730
C	Apr 2017	1608	1494	23	623	0	623	3604.14	5026	12149	629
A	May 2017	2377	2321	29	652	0	652	3619.09	5147	13667	658
L	Jun 2017	3115	2680	51	749	0	749	3634.89	5286	15408	763
*	Jul 2017	1073	889	64	850	0	850	3634.69	5284	15385	875
	Aug 2017	550	624	63	900	0	900	3631.94	5259	15071	914
	Sep 2017	420	545	57	663	0	663	3630.49	5246	14908	672
	WY 2017	**12234**	**11660**	**410**	**8874**	**126**	**9000**				**9137**
	Oct 2017	510	598	40	630	0	630	3629.90	5241	14842	636
	Nov 2017	490	572	38	630	0	630	3629.11	5234	14753	634
	Dec 2017	370	559	30	740	0	740	3627.34	5218	14557	746
	Jan 2018	360	502	9	860	0	860	3624.23	5191	14217	866
	Feb 2018	390	494	10	750	0	750	3621.95	5171	13971	752
	Mar 2018	590	572	17	800	0	800	3619.82	5153	13745	805
	Apr 2018	900	774	26	700	0	700	3620.24	5157	13788	708
	May 2018	2000	1892	32	700	0	700	3630.08	5243	14862	706
	Jun 2018	2600	2308	54	760	0	760	3642.05	5353	16246	766
	Jul 2018	800	726	67	860	0	860	3640.49	5339	16061	875
	Aug 2018	400	512	65	900	0	900	3636.91	5305	15641	914
	Sep 2018	350	469	59	670	0	670	3634.82	5286	15400	679
	WY 2018	**9760**	**9978**	**447**	**9000**	**0**	**9000**				**9086**
	Oct 2018	464	522	41	640	0	640	3633.54	5274	15254	646
	Nov 2018	450	516	39	640	0	640	3632.22	5262	15103	644
	Dec 2018	363	501	31	720	0	720	3630.17	5243	14872	726
	Jan 2019	361	463	10	860	0	860	3626.78	5213	14495	866
	Feb 2019	393	453	10	750	0	750	3624.18	5191	14211	752
	Mar 2019	665	615	17	800	0	800	3622.45	5176	14024	805
	Apr 2019	1056	880	27	710	0	710	3623.68	5186	14157	718
	May 2019	2343	2170	33	710	0	710	3635.50	5292	15478	716
	Jun 2019	2666	2320	56	750	0	750	3647.28	5404	16880	756
	Jul 2019	1091	973	69	850	0	850	3647.69	5408	16930	865

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August 2017 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Glen Release (1000 Ac-Ft)	Side Inflow Glen to Hoover (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Aug 2016		107	69	701	11.4	28	700	625	1075.17	9615
H	Sep 2016		88	57	702	11.8	22	701	625	1075.23	9620
	WY 2016		**798**	**531**	**9293**		**224**	**9282**			
I	Oct 2016		78	42	518	8.4	23	517	631	1076.34	9710
S	Nov 2016		77	42	751	12.6	16	750	632	1076.55	9727
T	Dec 2016		63	36	542	8.8	8	536	655	1080.82	10079
O	Jan 2017		128	30	500	8.1	7	494	684	1086.08	10521
R	Feb 2017		150	28	488	8.8	7	487	704	1089.78	10838
I	Mar 2017		97	32	911	14.8	16	910	696	1088.26	10707
C	Apr 2017		92	39	961	16.1	20	960	677	1084.89	10420
A	May 2017		39	44	917	14.9	29	915	659	1081.56	10141
L	Jun 2017		18	53	864	14.5	30	864	648	1079.52	9971
*	Jul 2017		88	66	885	14.4	30	885	646	1079.03	9931
	Aug 2017		127	71	653	10.6	31	653	662	1082.11	10187
	Sep 2017		110	59	649	10.9	28	649	665	1082.55	10224
	WY 2017		**1068**	**541**	**8638**		**245**	**8619**			
	Oct 2017		71	43	696	11.3	23	696	661	1081.87	10166
	Nov 2017		65	43	647	10.9	15	647	660	1081.77	10158
	Dec 2017		51	37	592	9.6	11	592	669	1083.46	10299
	Jan 2018		64	30	712	11.6	10	712	680	1085.35	10459
	Feb 2018		72	28	609	11.0	12	609	690	1087.27	10622
	Mar 2018		46	31	1036	16.9	20	1036	676	1084.59	10395
	Apr 2018		39	38	1092	18.4	27	1092	650	1079.90	10002
	May 2018		26	44	966	15.7	32	966	631	1076.30	9706
	Jun 2018		10	52	866	14.5	33	866	620	1074.21	9537
	Jul 2018		77	65	828	13.5	36	828	620	1074.31	9545
	Aug 2018		127	69	770	12.5	34	770	630	1076.09	9690
	Sep 2018		110	57	697	11.7	31	697	630	1076.04	9686
	WY 2018		**757**	**536**	**9511**		**282**	**9511**			
	Oct 2018		71	42	489	8.0	26	489	639	1077.81	9830
	Nov 2018		65	42	632	10.6	18	632	640	1077.95	9842
	Dec 2018		51	36	587	9.6	14	587	648	1079.47	9967
	Jan 2019		64	30	716	11.7	10	716	658	1081.36	10124
	Feb 2019		72	28	610	11.0	12	610	669	1083.30	10286
	Mar 2019		46	31	1042	16.9	20	1042	654	1080.52	10054
	Apr 2019		39	38	1097	18.4	27	1097	628	1075.81	9667
	May 2019		26	43	973	15.8	32	973	609	1072.19	9374
	Jun 2019		10	51	873	14.7	33	873	597	1069.87	9189
	Jul 2019		77	64	834	13.6	36	834	597	1069.80	9184

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Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Aug 2016	701	-12	23	714	0	714	11.6	642.00	1671
H	Sep 2016	702	-18	18	711	0	711	11.9	640.34	1627
	WY 2016	**9293**	**-195**	**198**	**8879**	**0**	**8879**			
I	Oct 2016	518	-7	15	640	0	640	10.4	634.86	1482
S	Nov 2016	751	-29	11	574	0	574	9.6	640.09	1620
T	Dec 2016	542	-17	9	482	0	482	7.8	641.31	1653
O	Jan 2017	500	-23	10	408	0	408	6.6	643.47	1712
R	Feb 2017	488	-13	10	486	0	486	8.7	642.70	1690
I	Mar 2017	911	-27	13	844	0	844	13.7	643.70	1718
C	Apr 2017	961	-23	17	955	0	955	16.1	642.45	1684
A	May 2017	917	-13	22	846	0	846	13.8	643.74	1719
L	Jun 2017	864	-6	25	853	0	853	14.3	643.01	1699
*	Jul 2017	885	-5	26	809	0	809	13.2	644.65	1744
	Aug 2017	653	-12	23	676	0	676	11.0	642.50	1685
	Sep 2017	649	-11	18	700	0	700	11.8	639.51	1604
	WY 2017	**8638**	**-188**	**199**	**8274**	**0**	**8274**			
	Oct 2017	696	-4	15	744	0	744	12.1	637.00	1538
	Nov 2017	647	-11	10	625	0	625	10.5	637.00	1538
	Dec 2017	592	-10	9	528	0	528	8.6	638.71	1583
	Jan 2018	712	-19	10	601	0	601	9.8	641.80	1666
	Feb 2018	609	-16	10	583	0	583	10.5	641.80	1666
	Mar 2018	1036	-16	13	973	0	973	15.8	643.05	1700
	Apr 2018	1092	-20	17	1057	0	1057	17.8	643.00	1699
	May 2018	966	-13	22	931	0	931	15.1	643.00	1699
	Jun 2018	866	-18	25	850	0	850	14.3	642.00	1671
	Jul 2018	828	-16	25	800	0	800	13.0	641.50	1658
	Aug 2018	770	-12	23	735	0	735	12.0	641.50	1658
	Sep 2018	697	-11	18	708	0	708	11.9	640.01	1617
	WY 2018	**9511**	**-166**	**197**	**9134**	**0**	**9134**			
	Oct 2018	489	-4	15	653	0	653	10.6	633.00	1434
	Nov 2018	632	-11	10	560	0	560	9.4	635.00	1486
	Dec 2018	587	-10	9	471	0	471	7.7	638.71	1583
	Jan 2019	716	-19	10	605	0	605	9.8	641.80	1666
	Feb 2019	610	-16	10	585	0	585	10.5	641.80	1666
	Mar 2019	1042	-16	13	978	0	978	15.9	643.05	1700
	Apr 2019	1097	-20	17	1062	0	1062	17.8	643.00	1699
	May 2019	973	-13	22	938	0	938	15.3	643.00	1699
	Jun 2019	873	-18	25	857	0	857	14.4	642.00	1671
	Jul 2019	834	-16	25	807	0	807	13.1	641.50	1658

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3039

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2017 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	Aug 2016	714	23	17	570	9.3	85	65	448.50	590	99	1.6
H	Sep 2016	711	14	15	490	8.2	89	134	447.97	579	92	1.5
	WY 2016	**8879**	**225**	**140**	**6360**		**1057**	**1467**			**1496**	
I	Oct 2016	640	36	12	466	7.6	80	133	446.90	559	61	1.0
S	Nov 2016	574	21	9	374	6.3	78	140	446.33	549	97	1.6
T	Dec 2016	482	26	7	271	4.4	86	118	447.64	573	112	1.8
O	Jan 2017	408	33	6	244	4.0	68	126	447.29	567	126	2.1
R	Feb 2017	486	15	8	393	7.1	13	62	448.30	586	160	2.9
I	Mar 2017	844	11	9	687	11.2	24	136	447.83	577	203	3.3
C	Apr 2017	955	13	11	729	12.3	42	160	448.73	594	181	3.0
A	May 2017	846	22	13	634	10.3	44	175	448.31	586	111	1.8
L	Jun 2017	853	1	15	689	11.6	58	79	448.41	588	126	2.1
*	Jul 2017	809	18	17	666	10.8	58	71	448.63	592	131	2.1
	Aug 2017	676	25	17	547	8.9	57	72	448.50	590	100	1.6
	Sep 2017	700	20	15	524	8.8	55	136	447.50	571	89	1.5
	WY 2017	**8274**	**241**	**140**	**6224**		**663**	**1409**			**1497**	
	Oct 2017	744	28	12	496	8.1	112	144	447.50	571	69	1.1
	Nov 2017	625	19	9	410	6.9	110	109	447.50	571	102	1.7
	Dec 2017	528	19	7	333	5.4	112	109	446.50	552	109	1.8
	Jan 2018	601	17	6	361	5.9	90	157	446.50	552	138	2.2
	Feb 2018	583	10	8	482	8.7	24	73	446.50	552	160	2.9
	Mar 2018	973	7	9	717	11.7	90	152	446.70	555	198	3.2
	Apr 2018	1057	19	11	745	12.5	88	183	448.70	593	175	2.9
	May 2018	931	15	13	643	10.5	90	188	448.70	593	104	1.7
	Jun 2018	850	15	16	676	11.4	88	73	448.70	593	105	1.8
	Jul 2018	800	26	17	646	10.5	90	73	448.00	580	111	1.8
	Aug 2018	735	25	17	579	9.4	90	73	447.50	571	100	1.6
	Sep 2018	708	20	15	515	8.7	32	157	447.50	570	89	1.5
	WY 2018	**9134**	**220**	**139**	**6604**		**1015**	**1491**			**1461**	
	Oct 2018	653	28	12	489	8.0	26	146	447.50	571	74	1.2
	Nov 2018	560	19	9	392	6.6	25	146	447.50	571	116	1.9
	Dec 2018	471	19	7	325	5.3	26	146	446.50	552	131	2.1
	Jan 2019	605	17	6	359	5.8	95	157	446.50	552	138	2.2
	Feb 2019	585	10	8	481	8.7	26	73	446.50	552	160	2.9
	Mar 2019	978	7	9	717	11.7	95	152	446.70	555	198	3.2
	Apr 2019	1062	19	11	745	12.5	93	183	448.70	593	175	2.9
	May 2019	938	15	13	645	10.5	95	188	448.70	593	104	1.7
	Jun 2019	857	15	16	678	11.4	93	73	448.70	593	105	1.8
	Jul 2019	807	26	17	648	10.5	95	73	448.00	580	111	1.8

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2017 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Aug 2016	701	11.4	1075.17	9615	196	431.00	1549.0	265.2	100	378.4
H	Sep 2016	702	11.8	1075.23	9620	5	429.97	1539.0	266.3	100	379.1
	WY 2016	**9293**							**3596.9**		
I	Oct 2016	518	8.4	1076.34	9710	90	438.10	1335.0	195.2	87	377.1
S	Nov 2016	751	12.6	1076.55	9727	17	427.42	1072.0	290.6	80	386.7
T	Dec 2016	542	8.8	1080.82	10079	352	438.26	1103.0	207.3	71	382.3
O	Jan 2017	500	8.1	1086.08	10521	442	442.12	857.0	192.4	55	384.9
R	Feb 2017	488	8.8	1089.78	10838	317	446.75	938.0	190.4	58	390.4
I	Mar 2017	911	14.8	1088.26	10707	-131	440.44	1291.1	362.0	79	397.2
C	Apr 2017	961	16.1	1084.89	10420	-287	439.75	1227.0	381.0	76	396.5
A	May 2017	917	14.9	1081.56	10141	-280	434.83	1307.0	360.6	80	393.4
L	Jun 2017	864	14.5	1079.52	9971	-169	433.52	1500.0	335.0	94	387.5
*	Jul 2017	885	14.4	1079.03	9931	-40	432.24	1499.0	341.1	94	385.5
	Aug 2017	653	10.6	1082.11	10187	256	427.41	1478.1	247.7	93	379.5
	Sep 2017	649	10.9	1082.55	10224	37	430.13	1587.0	248.0	100	382.4
	WY 2017	**8638**							**3351.2**		
	Oct 2017	696	11.3	1081.87	10166	-57	435.94	978.9	275.9	61	396.2
	Nov 2017	647	10.9	1081.77	10158	-8	437.01	882.9	256.7	56	397.0
	Dec 2017	592	9.6	1083.46	10299	142	437.65	824.9	235.6	52	398.0
	Jan 2018	712	11.6	1085.35	10459	160	436.05	1102.0	281.7	69	395.4
	Feb 2018	609	11.0	1087.27	10622	163	436.24	1214.0	238.1	75	391.3
	Mar 2018	1036	16.9	1084.59	10395	-227	434.71	1311.1	409.5	82	395.1
	Apr 2018	1092	18.4	1079.90	10002	-393	430.70	1285.0	432.5	82	396.1
	May 2018	966	15.7	1076.30	9706	-296	425.20	1472.0	373.3	95	386.4
	Jun 2018	866	14.5	1074.21	9537	-170	422.14	1542.0	328.3	100	379.3
	Jul 2018	828	13.5	1074.31	9545	9	421.65	1542.0	317.9	100	384.0
	Aug 2018	770	12.5	1076.09	9690	144	422.75	1553.0	294.4	100	382.2
	Sep 2018	697	11.7	1076.04	9686	-4	424.09	1553.0	265.3	100	380.6
	WY 2018	**9511**							**3709.1**		
	Oct 2018	489	8.0	1077.81	9830	145	429.13	1258.1	189.7	80	388.0
	Nov 2018	632	10.6	1077.95	9842	12	432.37	1259.0	243.8	81	385.5
	Dec 2018	587	9.6	1079.47	9967	125	432.02	1166.0	227.6	74	387.4
	Jan 2019	716	11.7	1081.36	10124	157	431.38	1192.3	279.6	75	390.2
	Feb 2019	610	11.0	1083.30	10286	162	431.61	1297.9	235.8	81	386.4
	Mar 2019	1042	16.9	1080.52	10054	-232	430.06	1392.7	405.6	88	389.4
	Apr 2019	1097	18.4	1075.81	9667	-388	426.06	1353.5	428.3	87	390.4
	May 2019	973	15.8	1072.19	9374	-292	420.58	1534.2	371.4	100	381.6
	Jun 2019	873	14.7	1069.87	9189	-185	417.96	1521.2	328.0	100	375.8
	Jul 2019	834	13.6	1069.80	9184	-6	417.27	1520.7	317.3	100	380.3

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2017 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Aug 2016	714	11.6	642.00	1671	-48	142.46	255.0	91.6	100	128.4
H	Sep 2016	711	11.9	640.34	1627	-45	138.91	255.0	90.5	100	127.3
	WY 2016	**8879**							**1129.0**		
I	Oct 2016	640	10.4	634.86	1482	-144	135.70	201.5	79.3	79	123.8
S	Nov 2016	574	9.6	640.09	1620	138	140.91	170.9	71.1	67	123.8
T	Dec 2016	482	7.8	641.31	1653	33	138.48	168.3	61.4	66	127.3
O	Jan 2017	408	6.6	643.47	1712	59	143.95	164.5	54.6	65	133.8
R	Feb 2017	486	8.7	642.70	1690	-21	141.54	162.1	63.8	64	131.4
I	Mar 2017	844	13.7	643.70	1718	28	141.08	194.1	109.6	76	129.9
C	Apr 2017	955	16.1	642.45	1684	-34	138.31	204.0	131.0	80	137.2
A	May 2017	846	13.8	643.74	1719	35	142.74	232.0	108.4	91	128.1
L	Jun 2017	853	14.3	643.01	1699	-20	141.59	255.0	107.4	100	126.0
*	Jul 2017	809	13.2	644.65	1744	45	143.65	255.0	101.5	100	125.5
	Aug 2017	676	11.0	642.50	1685	-59	136.62	255.0	86.0	100	127.1
	Sep 2017	700	11.8	639.51	1604	-81	133.95	255.0	87.2	100	124.6
	WY 2017	**8274**							**1061.4**		
	Oct 2017	744	12.1	637.00	1538	-66	132.58	202.3	90.7	79	122.0
	Nov 2017	625	10.5	637.00	1538	0	132.33	170.0	75.9	67	121.4
	Dec 2017	528	8.6	638.71	1583	45	133.30	167.8	64.9	66	122.9
	Jan 2018	601	9.8	641.80	1666	83	134.43	210.6	74.8	83	124.6
	Feb 2018	583	10.5	641.80	1666	0	136.73	187.6	73.3	74	125.7
	Mar 2018	973	15.8	643.05	1700	34	137.26	190.8	121.1	75	124.5
	Apr 2018	1057	17.8	643.00	1699	-2	136.07	255.0	131.5	100	124.5
	May 2018	931	15.1	643.00	1699	0	136.04	255.0	116.6	100	125.2
	Jun 2018	850	14.3	642.00	1671	-27	135.51	255.0	106.3	100	125.1
	Jul 2018	800	13.0	641.50	1658	-14	134.73	255.0	99.8	100	124.8
	Aug 2018	735	12.0	641.50	1658	0	134.46	255.0	91.9	100	124.9
	Sep 2018	708	11.9	640.01	1617	-40	133.68	255.0	88.0	100	124.3
	WY 2018	**9134**							**1134.8**		
	Oct 2018	653	10.6	633.00	1434	-183	130.74	202.3	79.0	79	120.9
	Nov 2018	560	9.4	635.00	1486	51	129.19	170.0	66.7	67	119.1
	Dec 2018	471	7.7	638.71	1583	97	132.25	167.8	57.7	66	122.4
	Jan 2019	605	9.8	641.80	1666	83	134.43	210.6	75.3	83	124.6
	Feb 2019	585	10.5	641.80	1666	0	136.73	187.6	73.5	74	125.7
	Mar 2019	978	15.9	643.05	1700	34	137.26	190.8	121.7	75	124.5
	Apr 2019	1062	17.8	643.00	1699	-2	136.07	255.0	132.1	100	124.5
	May 2019	938	15.3	643.00	1699	0	136.04	255.0	117.5	100	125.2
	Jun 2019	857	14.4	642.00	1671	-27	135.51	255.0	107.1	100	125.0
	Jul 2019	807	13.1	641.50	1658	-14	134.73	255.0	100.6	100	124.8

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2017 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Aug 2016	570	9.3	448.50	590	-10	82.60	120.0	40.2	100	70.7
H	Sep 2016	490	8.2	447.97	579	-10	82.24	120.0	34.7	100	70.9
	WY 2016	**6345**							**447.6**		
I	Oct 2016	466	7.6	446.90	559	-20	78.88	93.6	32.8	78	70.5
S	Nov 2016	374	6.3	446.33	549	-11	80.55	90.0	26.0	75	69.6
T	Dec 2016	271	4.4	447.64	573	24	83.20	117.6	17.9	98	65.9
O	Jan 2017	244	4.0	447.29	567	-6	81.95	93.9	16.2	78	66.5
R	Feb 2017	393	7.1	448.30	586	19	82.67	90.0	27.9	75	71.0
I	Mar 2017	687	11.2	447.83	577	-9	79.98	90.0	48.8	75	71.1
C	Apr 2017	729	12.3	448.73	594	17	80.51	120.0	51.3	100	70.3
A	May 2017	634	10.3	448.31	586	-8	82.36	120.0	44.8	100	70.6
L	Jun 2017	689	11.6	448.41	588	2	80.56	120.0	48.1	100	69.9
*	Jul 2017	666	10.8	448.63	592	4	82.74	120.0	46.5	100	69.9
	Aug 2017	547	8.9	448.50	590	-2	75.92	120.0	36.0	100	65.8
	Sep 2017	524	8.8	447.50	571	-19	76.57	94.0	34.9	78	66.5
	WY 2017	**6224**							**431.3**		
	Oct 2017	496	8.1	447.50	571	0	74.97	118.1	32.2	98	64.9
	Nov 2017	410	6.9	447.50	571	0	76.29	90.0	26.9	75	65.6
	Dec 2017	333	5.4	446.50	552	-19	75.66	92.9	21.4	77	64.2
	Jan 2018	361	5.9	446.50	552	0	74.29	111.3	22.9	93	63.5
	Feb 2018	482	8.7	446.50	552	0	74.73	101.8	31.3	85	65.0
	Mar 2018	717	11.7	446.70	555	4	74.69	104.5	47.1	87	65.6
	Apr 2018	745	12.5	448.70	593	38	75.08	120.0	49.1	100	65.9
	May 2018	643	10.5	448.70	593	0	76.05	120.0	42.7	100	66.3
	Jun 2018	676	11.4	448.70	593	0	76.05	120.0	44.9	100	66.5
	Jul 2018	646	10.5	448.00	580	-13	75.71	120.0	42.7	100	66.1
	Aug 2018	579	9.4	447.50	571	-9	75.13	120.0	37.9	100	65.4
	Sep 2018	515	8.7	447.50	570	0	74.89	120.0	33.5	100	65.0
	WY 2018	**6604**							**432.6**		
	Oct 2018	489	8.0	447.50	571	0	75.85	98.7	32.1	82	65.7
	Nov 2018	392	6.6	447.50	571	0	75.83	99.0	25.5	83	65.0
	Dec 2018	325	5.3	446.50	552	-19	74.40	120.0	20.5	100	63.1
	Jan 2019	359	5.8	446.50	552	0	75.02	95.8	23.0	80	64.1
	Feb 2019	481	8.7	446.50	552	0	75.21	92.1	31.5	77	65.5
	Mar 2019	717	11.7	446.70	555	4	74.05	119.0	46.6	99	65.0
	Apr 2019	745	12.5	448.70	593	38	75.08	120.0	49.1	100	65.9
	May 2019	645	10.5	448.70	593	0	76.05	120.0	42.8	100	66.3
	Jun 2019	678	11.4	448.70	593	0	76.05	120.0	45.1	100	66.5
	Jul 2019	648	10.5	448.00	580	-13	75.71	120.0	42.8	100	66.1

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2017 24-Month Study

Most Probable Inflow*

Upper Basin Power

	Date	Glen Canyon 1000 MWHR	Flaming Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Reservoir 1000 MWHR	Fontenelle Reservoir 1000 MWHR
*	Aug 2016	408	44	33	39	22	6
H	Sep 2016	315	42	30	36	20	3
	Summer 2016	**2111**	**276**	**166**	**218**	**116**	**34**
I	Oct 2016	269	33	26	33	19	0
S	Nov 2016	277	30	9	11	6	0
T	Dec 2016	395	41	10	11	6	0
O	Jan 2017	385	43	10	11	5	0
R	Feb 2017	307	43	13	19	10	0
I	Mar 2017	312	97	19	22	0	0
	Winter 2017	**1945**	**289**	**87**	**107**	**46**	**0**
C	Apr 2017	270	102	15	22	6	0
A	May 2017	291	105	43	72	17	4
L	Jun 2017	346	102	40	66	8	6
*	Jul 2017	399	71	35	13	18	8
	Aug 2017	381	53	35	42	20	10
	Sep 2017	279	53	33	40	20	6
	Summer 2017	**1966**	**485**	**201**	**255**	**90**	**34**
	Oct 2017	265	54	25	30	16	7
	Nov 2017	265	53	23	28	14	6
	Dec 2017	310	62	34	41	21	6
	Jan 2018	359	63	19	24	13	6
	Feb 2018	311	57	13	17	9	5
	Mar 2018	331	49	14	18	10	8
	Winter 2018	**1840**	**338**	**127**	**159**	**82**	**39**
	Apr 2018	289	48	15	22	12	6
	May 2018	291	68	43	60	23	7
	Jun 2018	323	60	18	27	19	8
	Jul 2018	369	36	30	36	19	10
	Aug 2018	385	36	32	38	19	7
	Sep 2018	285	35	31	36	19	7
	Summer 2018	**1942**	**283**	**168**	**218**	**111**	**45**
	Oct 2018	271	36	21	25	13	6
	Nov 2018	271	35	19	24	12	6
	Dec 2018	303	36	31	38	19	6
	Jan 2019	360	36	20	25	13	6
	Feb 2019	312	32	14	19	10	5
	Mar 2019	332	36	15	21	11	6
	Winter 2019	**1518**	**175**	**105**	**131**	**67**	**28**
	Apr 2019	295	35	15	23	13	6
	May 2019	298	56	42	61	23	6
	Jun 2019	322	54	16	27	19	8
	Jul 2019	369	36	27	34	19	9

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3039

Processed On: 8/14/2017 1:28:15PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2017 24-Month Study

Most Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions

Date	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Total KAF	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****CREDITABLE SPACE****										
Aug 2017						17446	26965						17446	26965	1500	653	0	33.7
Sep 2017						17190	27094						17190	27094	2270	649	0	33.4
Oct 2017						17153	27338						17153	27338	3040	696	0	33.1
Nov 2017						17211	27556						17211	27556	3810	647	0	32.9
Dec 2017						17219	27744						17219	27744	4580	592	0	32.7
Jan 2018						17078	27990						17078	27990	5350	712	0	32.4
								****EFFECTIVE SPACE****										
Jan 2018						17078	27990						17078	27366	5350	712	0	32.4
Feb 2018						16918	28315						16918	27691	1500	609	0	32.2
Mar 2018						16755	28503						16755	27880	1500	1036	0	31.8
Apr 2018						16982	28948						16982	28314	1500	1092	0	31.6
May 2018						17375	29196						17375	28531	1500	966	0	32.5
Jun 2018						17671	28334						17671	27612	1500	866	0	33.9
Jul 2018						17840	26872						17840	26060	1500	828	0	33.8
								****CREDITABLE SPACE****										
Aug 2018						17832	26978						17832	26978	1500	770	0	33.4
Sep 2018						17687	27352						17687	27352	2270	697	0	33.0
Oct 2018						17691	27708						17691	27708	3040	489	0	32.8
Nov 2018						17547	27773						17547	27773	3810	632	0	32.6
Dec 2018						17535	27988						17535	27988	4580	587	0	32.4
Jan 2019						17410	28237						17410	28237	5350	716	0	32.2
								****EFFECTIVE SPACE****										
Jan 2019						17410	28237						17410	27697	5350	716	0	32.2
Feb 2019						17253	28563						17253	28021	1500	610	0	32.0
Mar 2019						17091	28750						17091	28204	1500	1042	0	31.6
Apr 2019						17323	29130						17323	28573	1500	1097	0	31.6
May 2019						17710	29244						17710	28656	1500	973	0	32.8
Jun 2019						18003	28071						18003	27426	1500	873	0	34.3
Jul 2019						18188	26554						18188	25816	1500	834	0	34.4

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3039

Processed On: 8/14/2017 1:28:15PM

September 24-Month Study
Date: August 13, 2017

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

Reservoir	August Inflow (unregulated) (acre-feet)	Percent of Average (%)	September 13, Midnight Elevation (feet)	September 13, Midnight Reservoir Storage (acre-feet)
Fontenelle	102,000	133	6,494.83	260,000
Flaming Gorge	120,000	136	6,034.35	3,520,000
Blue Mesa	84,000	132	7,512.95	772,000
Navajo	29,000	65	6,056.05	1,298,000
Powell	446,000	89	3,629.60	14,808,000

Expected Operations

The operation of Lake Powell and Lake Mead in this September 2017 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines) and reflects the 2017 Annual Operating Plan (AOP). Pursuant to the Interim Guidelines, the August 2016 24-Month Study projections of the January 1, 2017, system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2017.

Consistent with Section 6.B of the Interim Guidelines, the Lake Powell operational tier for water year 2017 is the Upper Elevation Balancing Tier. With an 8.23 million acre-feet (maf) release from Lake Powell in water year 2017, the April 2017 24-Month Study projected the end of water year elevation at Lake Powell to be above 3,575 feet above sea level (feet) and the end of water year elevation at Lake Mead to be below 1,075 feet. Therefore, in accordance with Section 6.B.4 of the Interim Guidelines, Lake Powell operations shifted to balancing releases for the remainder of water year 2017. Under Section 6.B.4, the contents of Lake Powell and Lake Mead will be balanced by the end of the water year, but not more than 9.0 maf and not less than 8.23 maf shall be released from Lake Powell. Based on the most probable inflow forecast, this September 24-Month Study projects a balancing release of 9.0 maf in water year 2017.

Consistent with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar year 2017.

The August 2017 24-Month Study projected the January 1, 2018 Lake Powell elevation to be below the 2018 Equalization Elevation of 3,654 feet and above elevation 3,575 feet. Consistent with Section 6.B of the Interim Guidelines, Lake Powell's operations in water year 2018 will be governed by the Upper Elevation Balancing Tier, with an initial water year release volume of 8.23 maf and the potential for an April adjustment to equalization or balancing releases in April 2018. Consistent with Section 6.B.4 of the Interim Guidelines, an April adjustment to balancing releases is currently projected to occur and Lake Powell is projected to release 9.0 maf in water year 2018.

The August 2017 24-Month Study projected the January 1, 2018 Lake Mead elevation to be above 1,075 feet. Consistent with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar year 2018.

The operational tier determinations will be documented in the 2018 AOP, which is currently in the final stages of development.

The Interim Guidelines are available for download at:
http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf
The 2017 AOP is available for download at:
http://www.usbr.gov/lc/region/g4000/aop/AOP17.pdf
The draft 2018 AOP is available for download at:
https://www.usbr.gov/lc/region/g4000/AOP2018/AOP18_draft.pdf

Fontenelle Reservoir – Fontenelle Reservoir is currently at elevation 6501.56 feet, which amounts to 77 percent of live storage capacity. Inflows for the month of August totaled 101,930 acre-feet (af), or 133 percent of average. Above average inflows are continuing to occur. Releases are currently set at 1,200 cubic feet per second (cfs).

The Colorado Basin River Forecast Center has forecasted fall inflows that are above average. September, October, and November forecasted inflow volumes amount to 64,000 af (140 percent of average), 63,000 af (130 percent of average), and 58,000 af (138 percent of average), respectively.

The next Fontenelle Working Group meeting is scheduled for 10:00 a.m., April 17, 2018 and will be held at the Seedskadee National Wildlife Refuge. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir.

Flaming Gorge Reservoir – Releases are currently 2,400 cfs/day and are expected to remain at this level through the end of November.

Unregulated inflow into Flaming Gorge Reservoir during the month of August was 120,000 af, or 135 percent of average. The reservoir elevation is 6,034.53 feet (94 percent of live capacity) and decreasing. The observed April-July unregulated inflow volume into Flaming Gorge Reservoir was 2.214 maf (226 percent of average). This is the second highest inflow volume into Flaming Gorge with the record volume inflow in 1986 at 2.26 maf (232 percent of average).

The September final forecast for inflows for the next three months projects above average conditions: September, October and November forecasted inflow volumes at 76,000 af (138 percent of average), 80,000 af (135 percent of average), and 75,000 af (147 percent of average), respectively.

The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stakeholders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations and plans presented by Reclamation at these meetings. Meeting notes from past Working Group meetings are posted on the Working Group webpage. For more information on this group and these meetings please contact Dale Hamilton at 801-379-1186 or Heather Patno at 801-524-3883.

Reclamation will be holding the next Flaming Gorge Working Group meeting on Thursday, March 8, 2018, at 7:00 p.m. at the Lighthouse Learning Center High School (gymnasium), 251 West 400 North, Price, Utah, and the next on April 19, 2018, at 11:00 a.m. at the UDWR offices 318 North Vernal Ave, Vernal, Utah.

Aspinall Unit Reservoirs – Releases from Crystal Dam are approximately 1,950 cfs. Blue Mesa Reservoir elevation is 7512. 95 feet which corresponds to a storage content 772,000 af (93 percent of full capacity). Releases from Crystal are anticipated to remain near this level through August and September. With Uncompahgre Valley Water Users Association is diverting approximately 1,000 cfs through the Gunnison Tunnel the river flows through the Black Canyon are anticipated to remain near 900 cfs for the remainder of the summer.

The August unregulated inflow to Blue Mesa Reservoir was 84,000 af (132 percent of average). The April through July unregulated inflow for 2017 was 919,000 af (135 percent of average). Unregulated Inflows to Blue Mesa for the next three months (September, October and November) are projected to be: 47,000 af (124 percent of average), 45,000 af (118 percent of average) and 35,000 af (113 percent of average), respectively. For water year 2018, the unregulated inflow volume is forecasted to be 945,000 af (99 percent of average) with 652,000 af (96 percent of average) forecasted unregulated inflow during the April through July period. The September 24-Month Study is reflective of this new forecast.

The Aspinall Unit Working Group is an open public forum for information exchange between Reclamation and the stakeholders of the Aspinall Unit. The public is encouraged to attend and comments on the operations and plans presented by Reclamation at these meetings. Meeting notes from past working Group meetings are

posted on the Working Group webpage. For more information on this group and these meetings please contact Erik Knight in the Grand Junction Area Office at (970) 248-0629.

Meeting notes from past working Group meetings are posted on the Working Group webpage at:

https://www.usbr.gov/uc/wcao/water/rsvrs/mtgs/amcurrnt.html

The next meeting of the Aspinall Unit Working Group will be held on Thursday, January 18th, 2018 at 1:00 pm at the Holiday Inn Express located in Montrose, Colorado.

Navajo Reservoir – As of September 6th, the daily average release at Navajo, as measured at the USGS Archuleta gage, is 761 cfs, and the observed inflow is 293 cfs. Navajo Indian Irrigation Project (NIIP) is diverting 610 cfs. The reservoir elevation is 6057.12 feet (1.3 maf of live storage), and is 77 percent full (63 percent of active storage). Releases are made for the authorized purposes of the Navajo Unit, and pursuant to the 2006 Record of Decision, in an attempt to maintain a target base flow through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell). The San Juan River Basin Recovery Implementation Program (SJRIP) recommends a target base flow of between 500 cfs and 1,000 cfs through the critical habitat area. The target base flow is calculated as the weekly average of gaged flows throughout the critical habitat area.

In August, the modified unregulated inflow into Navajo was 29,382 af, which was 65 percent of average for the month. Final April-July modified unregulated inflow into Navajo Reservoir was 775,000 af (105 percent of average).

The most probable modified-unregulated inflow forecast for September at Navajo is 28,000 af (65 percent of average), for October is 37,000 af (79 percent of average), and for November is 33,000 af (99 percent of average). Releases outside of the spring peak release will be made to maintain the target baseflow in the critical habitat reach and will likely range between 500 and 800 cfs. Due to the warm dry weather, releases to meet target baseflows have increased. Navajo reservoir elevation is currently expected to reach 6055 feet at the end of the water year.

Reclamation conducts Public Operations Meetings three times per year to gather input for determining upcoming operations for Navajo Reservoir. Input from individuals, organizations, and agencies along with other factors such as weather, water rights, endangered species requirements, flood control, hydro power, recreation, fish and wildlife management, and reservoir levels, will be considered in the development of these reservoir operation plans. In addition, the meetings are used to coordinate activities and exchange information among agencies, water users, and other interested parties concerning the San Juan River and Navajo Reservoir.

The next Navajo Public Operations Coordination Meeting is scheduled for January 23, 2018, at 1:00 pm at the Farmington Civic Center, Farmington, NM.

Glen Canyon Dam / Lake Powell

Current Status

The unregulated inflow to Lake Powell in August was 446 thousand acre-feet (kaf) (89 percent of average). The release volume from Glen Canyon Dam in August was 900 kaf. The end of August elevation and storage of Lake Powell were 3,630.88 feet (69 feet from full pool) and 14.95 maf (61 percent of full capacity), respectively. The reservoir elevation peaked at 3,635.80 feet on July 11th and is now in its seasonal decline through the fall and winter months.

Current Operations

The operating tier for water year 2017 was established in August 2016 as the Upper Elevation Balancing Tier. The April 2017 24-Month Study established that Lake Powell operations will be governed by balancing for the remainder of water year 2017. Under balancing, the contents of Lake Powell and Lake Mead will be balanced by the end of the water year, but not more than 9.0 maf and not less than 8.23 maf shall be released from Lake Powell. Based on the most probable inflow forecast, this August 24-Month Study projects a balancing release of 9.0 maf in water year 2017. Reclamation will schedule operations at Glen Canyon Dam to achieve as practicably as possible the appropriate total annual release volume by September 30, 2017.

The operating tier for water year 2018, established this August 2017, is the Upper Elevation Balancing Tier, with an initial water year release volume of 8.23 maf and the potential for an April 2018 adjustment to equalization or balancing releases. Based on the current forecast, an April adjustment to balancing releases is projected to occur and Lake Powell is currently projected to release 9.0 maf in water year 2018. This projection will be updated each month throughout the water year.

In September 2017, the release volume will be approximately 663 kaf, with fluctuations anticipated between about 8,500 cfs in the nighttime to about 14,500 cfs in the daytime and consistent with the Glen Canyon Operating Criteria (Federal Register, Volume 62, No. 41, March 3, 1997). The anticipated release volume for October is 630 kaf with daily fluctuations between approximately 7,300 cfs and 13,000 cfs. The expected release for November is 630 kaf with daily fluctuations between approximately 8,000 cfs and 13,700 cfs.

In addition to daily scheduled fluctuations for power generation, the instantaneous releases from Glen Canyon Dam may also fluctuate to provide 40 megawatts (mw) of system regulation. These instantaneous release adjustments stabilize the electrical generation and transmission system and translate to a range of about 1,200 cfs above or below the hourly scheduled release rate. Under system normal conditions, fluctuations for regulation are typically short lived and generally balance out over the hour with minimal or no noticeable impacts on downstream river flow conditions.

Releases from Glen Canyon Dam can also fluctuate beyond scheduled releases when called upon to respond to unscheduled power outages or power system emergencies. Depending on the severity of the system emergency, the response from Glen Canyon Dam can be significant, within the full range of the operating capacity of the power plant for as long as is necessary to maintain balance in the transmission system. Glen Canyon Dam currently maintains 27 mw (approximately 800 cfs) of generation capacity in reserve in order to respond to a system emergency even when generation rates are already high. System emergencies occur fairly infrequently and typically require small responses from Glen Canyon Dam. However, these responses can have a noticeable impact on the river downstream of Glen Canyon Dam.

Inflow Forecasts and Model Projections

The forecast for water year 2018 unregulated inflow to Lake Powell, issued on August 1, 2017, by the Colorado Basin River Forecast Center, projects that the most probable (median) unregulated inflow volume next year will be 9.71 maf (90 percent of average). There is significant uncertainty regarding next season's snow pack development and resulting runoff into Lake Powell. The forecast ranges from a minimum probable of 6.0 maf (55 percent of average) to a maximum probable of 17.5 maf (162 percent of average). There is a 10 percent chance that inflows could be higher than the current maximum probable forecast and a 10 percent chance that inflows could be lower than the minimum probable forecast.

Based on the current forecast, the September 24-Month Study projects Lake Powell elevation will end water year 2017 near 3,629 feet with approximately 14.8 maf in storage (61 percent of capacity) and water year 2018 near 3,632 feet with approximately 15.0 maf in storage (62 percent of capacity). Note that projections of elevation and storage for water year 2018 have significant uncertainty at this point in the season. Projections of elevation and storage using the minimum and maximum probable inflow forecast are 3,607 feet (12.4 maf, 51 percent of capacity) and 3,654 feet (17.7 maf, 73 percent of capacity), respectively. Under these scenarios, there is a 10 percent chance that inflows will be higher, resulting in higher elevation and storage, and 10 percent chance that inflows will be lower, resulting in lower elevation and storage. The annual release volume from Lake Powell during water year 2018 is projected to be 9.0 maf under the minimum and most probable inflow scenarios and 13.8 maf under the maximum probable inflow scenario. There is a chance that inflows could be higher or lower, potentially resulting in releases greater than 13.8 maf or as low as 8.23 maf in water year 2018.

Upper Colorado River Basin Hydrology

The Upper Colorado River Basin regularly experiences significant year to year hydrologic variability. During the 17-year period 2000 to 2016, however, the unregulated inflow to Lake Powell, which is a good measure of hydrologic conditions in the Colorado River Basin, was above average in only 3 out of the past 17 years. The period 2000-2016 is the lowest 17-year period since the closure of Glen Canyon Dam in 1963, with an average unregulated inflow of 8.57 maf, or 79 percent of the 30-year

average (1981-2010). (For comparison, the 1981-2010 total water year average is 10.83 maf.) The unregulated inflow during the 2000-2016 period has ranged from a low of 2.64 maf (24 percent of average) in water year 2002 to a high of 15.97 maf (147 percent of average) in water year 2011. In water year 2016 unregulated inflow volume to Lake Powell was 9.62 maf (89 percent of average). Under the current most probable forecast, the total water year 2017 unregulated inflow to Lake Powell is projected to be 12.07 maf (111 percent of average).

At the beginning of water year 2017, total system storage in the Colorado River Basin was 30.2 maf (51 percent of 59.6 maf total system capacity). This is nearly the same as the total storage at the beginning of water years 2015 and 2016 which began at 30.1 maf and 30.3 maf, respectively, both of which were 51 percent of capacity. Since the beginning of water year 2000, total Colorado Basin storage has experienced year to year increases and decreases in response to wet and dry hydrology, ranging from a high of 94 percent of capacity at the beginning of 2000 to a low of 50 percent of capacity at the beginning of water year 2005. One wet year can significantly increase total system reservoir storage, just as persistent dry years can draw down the system storage. Based on current inflow forecasts, the current projected end of water year total Colorado Basin reservoir storage for water year 2018 is approximately 32.64 maf (55 percent of total system capacity). The actual end of water year 2018 system storage may vary from this projection, primarily due to uncertainty regarding this season's runoff and reservoir inflow. Based on the August minimum and maximum probable inflow forecasts and modeling, the range of end of water year 2018 total system capacity is approximately 29.4 maf (49 percent of capacity) to 35.6 maf (60 percent of capacity), respectively.

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-430
125 SOUTH STATE STREET, ROOM 8100
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-3709

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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:	Obs			aug	Forecast			Observed	
:	may	jun	jul	aug	%Avg	sep	oct	nov	apr-jul	%Avg
GLDA3:Lake Powell	2377	3115	1073	446	89%:	360/	510/	490/	8173/:	114%
GBRW4:Fontenelle	430	732	332	102	133%:	64/	63/	58/	1719/:	237%
GRNU1:Flaming Gorge	582	895	387	120	135%:	76/	80/	75/	2214/:	226%
BMDC2:Blue Mesa	244	392	135	84	132%:	47/	45/	35/	916/:	136%
MPSC2:Morrow Point	263	411	139	86	129%:	48/	46/	36/	970/:	131%
CLSC2:Crystal	285	446	148	89	119%:	54/	53/	41/	1046/:	125%
TPIC2:Taylor Park	30	63	24	12.1	117%:	7.5/	7/	5.5/	130/:	131%
VCRC2:Vallecito	67	72	30	17.7	89%:	14/	14/	8/	214/:	110%
NVRN5:Navajo	262	230	49	29	64%:	28/	37/	33/	776/:	106%
LEMC2:Lemon	17.0	23	7.0	4.0	81%:	3.5/	2.5/	1.5/	57/:	104%
MPHC2:McPhee	130	95	25	15.0	95%:	9/	8/	6/	345/:	117%
RBSC2:Ridgway	20	46	26	11.7	79%:	8/	7/	5.5/	104/:	103%

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2017 24-Month Study

Most Probable Inflow*

Fontenelle Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Sep 2016	26	2	36	21	58	6490.22	229
	WY 2016	**943**	**15**	**739**	**213**	**952**		
H	Oct 2016	57	1	0	57	57	6490.08	228
I	Nov 2016	62	1	0	59	59	6490.44	230
S	Dec 2016	37	1	0	63	63	6486.33	203
T	Jan 2017	45	1	0	63	63	6483.20	184
O	Feb 2017	51	1	0	57	57	6482.06	178
R	Mar 2017	180	1	0	150	150	6486.90	207
I	Apr 2017	225	1	0	304	304	6472.17	128
C	May 2017	430	1	54	373	427	6472.55	129
A	Jun 2017	732	2	74	469	543	6502.49	317
L	Jul 2017	332	3	88	230	319	6503.83	328
*	Aug 2017	102	2	95	61	156	6496.34	271
	Sep 2017	64	2	71	0	71	6495.07	263
	WY 2017	**2317**	**15**	**382**	**1886**	**2268**		
	Oct 2017	63	1	74	0	74	6493.37	251
	Nov 2017	58	1	71	0	71	6491.33	237
	Dec 2017	48	1	74	0	74	6487.28	210
	Jan 2018	45	1	74	0	74	6482.51	181
	Feb 2018	40	1	67	0	67	6477.50	154
	Mar 2018	60	0	89	0	89	6471.32	125
	Apr 2018	88	1	92	9	101	6468.05	111
	May 2018	155	1	97	7	105	6478.79	160
	Jun 2018	300	2	101	77	179	6497.41	280
	Jul 2018	180	3	102	12	114	6505.71	343
	Aug 2018	72	2	74	0	74	6505.19	339
	Sep 2018	46	2	71	0	71	6501.71	312
	WY 2018	**1155**	**15**	**986**	**105**	**1091**		
	Oct 2018	49	1	68	0	68	6499.03	292
	Nov 2018	42	1	65	0	65	6495.73	268
	Dec 2018	32	1	68	0	68	6490.50	231
	Jan 2019	30	1	68	0	68	6484.57	193
	Feb 2019	28	1	61	0	61	6478.57	159
	Mar 2019	53	0	85	0	85	6471.68	126
	Apr 2019	85	1	93	4	97	6468.82	114
	May 2019	164	1	96	54	150	6471.79	127
	Jun 2019	299	2	99	56	155	6495.95	269
	Jul 2019	178	3	101	0	101	6505.70	343
	Aug 2019	77	2	90	0	90	6503.71	327

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3043

Processed On: 9/12/2017 9:44:31AM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2017 24-Month Study

Most Probable Inflow*

Flaming Gorge Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	Sep 2016	36	67	11	107	0	107	129	6026.27	3207	128
	WY 2016	**1427**	**1437**	**80**	**1406**	**203**	**1609**				**3435**
H	Oct 2016	70	70	7	85	0	85	128	6025.69	3186	119
I	Nov 2016	73	70	4	77	0	77	128	6025.41	3175	112
S	Dec 2016	35	61	2	106	0	106	126	6024.19	3130	136
T	Jan 2017	49	67	2	110	0	110	124	6023.01	3087	149
O	Feb 2017	106	112	2	109	0	109	124	6023.03	3088	189
R	Mar 2017	400	370	3	256	26	282	128	6025.25	3169	408
I	Apr 2017	350	428	5	268	244	511	124	6022.93	3084	745
C	May 2017	582	580	8	278	171	449	129	6026.15	3203	857
A	Jun 2017	895	705	11	263	223	486	137	6031.41	3404	859
L	Jul 2017	387	374	14	180	48	228	142	6034.61	3531	314
*	Aug 2017	120	174	13	143	0	143	143	6035.05	3548	172
	Sep 2017	76	83	12	143	0	143	140	6033.34	3480	153
	WY 2017	**3143**	**3094**	**81**	**2018**	**712**	**2730**				**4215**
	Oct 2017	80	91	8	148	0	148	137	6031.77	3418	172
	Nov 2017	75	88	4	143	0	143	135	6030.34	3362	174
	Dec 2017	54	80	2	169	0	169	132	6028.05	3274	194
	Jan 2018	64	93	2	172	0	172	129	6025.97	3196	194
	Feb 2018	64	91	2	156	0	156	126	6024.23	3132	178
	Mar 2018	120	149	3	106	0	106	128	6025.27	3170	173
	Apr 2018	145	158	5	101	0	101	130	6026.61	3220	291
	May 2018	225	175	8	174	0	174	129	6026.43	3213	669
	Jun 2018	360	239	10	164	0	164	132	6028.07	3275	614
	Jul 2018	213	147	14	98	0	98	133	6028.95	3309	176
	Aug 2018	85	87	13	98	0	98	132	6028.34	3286	119
	Sep 2018	55	80	11	95	0	95	131	6027.69	3261	110
	WY 2018	**1540**	**1476**	**80**	**1624**	**0**	**1624**				**3064**
	Oct 2018	59	78	7	98	0	98	130	6026.98	3234	126
	Nov 2018	51	74	3	95	0	95	129	6026.36	3211	125
	Dec 2018	35	71	2	98	0	98	128	6025.60	3182	124
	Jan 2019	40	78	2	98	0	98	127	6025.02	3161	123
	Feb 2019	45	78	2	89	0	89	127	6024.68	3148	117
	Mar 2019	102	135	3	98	0	98	128	6025.55	3180	175
	Apr 2019	134	145	5	95	0	95	130	6026.71	3224	310
	May 2019	245	231	8	159	0	159	132	6028.36	3286	691
	Jun 2019	390	245	11	146	0	146	136	6030.59	3372	566
	Jul 2019	210	133	14	98	0	98	136	6031.12	3392	198
	Aug 2019	89	102	13	98	0	98	136	6030.89	3384	124

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2017 24-Month Study

Most Probable Inflow*

Taylor Park Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Sep 2016	6	14	9310.77	71
	WY 2016	**125**	**125**		
H	Oct 2016	5	6	9310.23	70
I	Nov 2016	4	5	9309.76	70
S	Dec 2016	5	5	9309.56	69
T	Jan 2017	6	5	9309.76	70
O	Feb 2017	4	5	9309.43	69
R	Mar 2017	6	6	9309.23	69
I	Apr 2017	13	9	9312.04	73
C	May 2017	30	19	9318.55	84
A	Jun 2017	62	45	9327.76	102
L	Jul 2017	24	26	9326.95	100
*	Aug 2017	12	25	9320.31	88
	Sep 2017	8	18	9314.49	77
	WY 2017	**179**	**173**		
	Oct 2017	8	8	9314.26	77
	Nov 2017	7	6	9314.85	78
	Dec 2017	6	6	9314.56	77
	Jan 2018	5	6	9313.97	76
	Feb 2018	4	6	9312.77	74
	Mar 2018	4	6	9311.55	72
	Apr 2018	8	8	9311.55	72
	May 2018	27	17	9317.45	82
	Jun 2018	43	22	9328.60	103
	Jul 2018	16	22	9325.55	97
	Aug 2018	9	20	9319.69	86
	Sep 2018	7	16	9314.56	77
	WY 2018	**143**	**143**		
	Oct 2018	6	8	9313.63	76
	Nov 2018	5	6	9313.04	75
	Dec 2018	5	6	9312.24	74
	Jan 2019	4	6	9311.23	72
	Feb 2019	4	6	9309.86	70
	Mar 2019	4	6	9308.87	68
	Apr 2019	9	6	9310.61	71
	May 2019	28	20	9315.60	79
	Jun 2019	42	22	9326.32	99
	Jul 2019	20	22	9325.36	97
	Aug 2019	10	20	9320.20	87

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2017 24-Month Study

Most Probable Inflow*

Blue Mesa Reservoir

	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Sep 2016	38	46	1	100	0	100	7500.48	665
	WY 2016	**881**	**882**	**9**	**913**	**19**	**934**		
H	Oct 2016	32	33	1	90	0	90	7493.44	608
I	Nov 2016	26	27	0	33	0	33	7492.53	601
S	Dec 2016	26	26	0	35	0	35	7491.43	593
T	Jan 2017	29	28	0	34	0	34	7490.68	587
O	Feb 2017	28	29	0	44	1	44	7488.71	571
R	Mar 2017	70	70	0	69	0	70	7488.71	571
I	Apr 2017	145	140	1	53	0	53	7499.55	658
C	May 2017	244	233	1	151	65	293	7491.98	597
A	Jun 2017	392	373	1	139	35	175	7515.35	793
L	Jul 2017	135	137	2	113	0	110	7518.20	819
*	Aug 2017	84	96	1	112	0	112	7516.38	802
	Sep 2017	47	57	1	111	0	111	7510.24	748
	WY 2017	**1257**	**1251**	**9**	**983**	**101**	**1159**		
	Oct 2017	45	45	1	74	0	74	7506.88	719
	Nov 2017	35	34	0	73	0	73	7502.18	679
	Dec 2017	30	31	0	113	0	113	7491.97	597
	Jan 2018	29	30	0	76	0	76	7485.97	550
	Feb 2018	24	26	0	42	0	42	7483.84	534
	Mar 2018	36	38	0	44	0	44	7482.97	528
	Apr 2018	71	71	1	55	0	55	7484.96	543
	May 2018	200	190	1	142	0	142	7491.02	589
	Jun 2018	280	259	1	62	0	62	7514.41	785
	Jul 2018	101	107	2	98	0	98	7515.27	792
	Aug 2018	53	64	1	105	0	105	7510.53	750
	Sep 2018	41	50	1	91	0	91	7505.66	709
	WY 2018	**945**	**945**	**9**	**975**	**0**	**975**		
	Oct 2018	40	42	1	68	0	68	7502.54	682
	Nov 2018	32	33	0	62	0	62	7498.99	653
	Dec 2018	26	27	0	95	0	95	7490.49	585
	Jan 2019	24	26	0	38	0	38	7488.86	572
	Feb 2019	22	25	0	32	0	32	7487.81	564
	Mar 2019	36	38	0	38	0	38	7487.75	564
	Apr 2019	77	74	1	48	0	48	7491.07	590
	May 2019	221	213	1	154	0	154	7498.31	648
	Jun 2019	261	241	1	81	0	81	7516.87	807
	Jul 2019	117	119	2	99	0	99	7518.85	825
	Aug 2019	63	73	1	108	0	108	7514.82	788

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September 2017 24-Month Study

Most Probable Inflow*

Morrow Point Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Sep 2016	39	100	1	100	103	0	103	7150.03	109
	WY 2016	**931**	**934**	**49**	**983**	**972**	**5**	**978**		
H	Oct 2016	33	90	1	91	93	0	93	7146.55	106
I	Nov 2016	28	33	2	36	32	0	35	7147.39	107
S	Dec 2016	27	35	1	36	34	0	34	7150.44	109
T	Jan 2017	30	34	2	36	33	0	33	7153.75	112
O	Feb 2017	29	44	1	45	55	0	55	7140.48	102
R	Mar 2017	74	70	5	74	64	0	68	7148.96	108
I	Apr 2017	157	53	12	66	65	0	65	7149.64	109
C	May 2017	263	293	19	312	203	0	312	7149.70	109
A	Jun 2017	411	175	19	195	184	0	193	7151.34	110
L	Jul 2017	139	110	4	114	37	0	111	7155.13	113
*	Aug 2017	86	112	2	113	0	0	115	7152.58	111
	Sep 2017	48	111	1	112	111	0	111	7153.73	112
	WY 2017	**1326**	**1159**	**69**	**1228**	**912**	**0**	**1225**		
	Oct 2017	46	74	1	75	75	0	75	7153.73	112
	Nov 2017	36	73	1	74	74	0	74	7153.73	112
	Dec 2017	32	113	2	115	115	0	115	7153.73	112
	Jan 2018	31	76	2	78	78	0	78	7153.73	112
	Feb 2018	26	42	2	44	44	0	44	7153.73	112
	Mar 2018	40	44	4	48	48	0	48	7153.73	112
	Apr 2018	81	55	10	65	65	0	65	7153.73	112
	May 2018	225	142	25	167	167	0	167	7153.73	112
	Jun 2018	300	62	20	82	82	0	82	7153.73	112
	Jul 2018	105	98	4	102	102	0	102	7153.73	112
	Aug 2018	55	105	2	107	107	0	107	7153.73	112
	Sep 2018	43	91	2	93	93	0	93	7153.73	112
	WY 2018	**1020**	**975**	**75**	**1050**	**1050**	**0**	**1050**		
	Oct 2018	42	68	2	70	70	0	70	7153.73	112
	Nov 2018	34	62	2	64	64	0	64	7153.73	112
	Dec 2018	28	95	2	97	97	0	97	7153.73	112
	Jan 2019	27	38	2	41	41	0	41	7153.73	112
	Feb 2019	25	32	3	35	35	0	35	7153.73	112
	Mar 2019	40	38	4	42	42	0	42	7153.73	112
	Apr 2019	88	48	11	59	59	0	59	7153.73	112
	May 2019	247	154	26	180	180	0	180	7153.73	112
	Jun 2019	281	81	20	101	101	0	101	7153.73	112
	Jul 2019	123	99	6	105	105	0	105	7153.73	112
	Aug 2019	67	108	3	112	112	0	112	7153.73	112

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Managing Water in the West

September 2017 24-Month Study

Most Probable Inflow*

Crystal Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
*	Sep 2016	42	103	3	106	106	1	107	6747.05	15	59	47
	WY 2016	**1038**	**978**	**107**	**1085**	**811**	**243**	**1084**			**384**	**724**
H	Oct 2016	37	93	4	97	97	0	97	6747.92	15	57	39
I	Nov 2016	31	35	3	38	37	0	37	6750.47	16	1	36
S	Dec 2016	31	34	4	38	36	1	37	6751.45	17	0	37
T	Jan 2017	35	33	4	37	36	2	37	6750.29	16	1	37
O	Feb 2017	34	55	4	59	56	4	60	6749.56	16	0	60
R	Mar 2017	81	68	6	74	0	73	73	6752.06	17	8	67
I	Apr 2017	167	65	10	75	31	44	75	6751.65	17	39	38
C	May 2017	285	312	22	334	86	73	331	6759.83	19	62	270
A	Jun 2017	446	193	36	229	44	127	231	6751.78	17	61	172
L	Jul 2017	148	111	8	119	96	25	121	6746.24	15	63	60
*	Aug 2017	89	115	3	119	119	0	119	6744.79	15	62	58
	Sep 2017	54	111	6	117	114	0	114	6753.04	17	55	59
	WY 2017	**1437**	**1225**	**111**	**1336**	**751**	**350**	**1334**			**409**	**933**
	Oct 2017	53	75	7	82	82	0	82	6753.04	17	30	52
	Nov 2017	41	74	5	79	79	0	79	6753.04	17	0	79
	Dec 2017	37	115	5	120	120	0	120	6753.04	17	0	120
	Jan 2018	37	78	6	84	84	0	84	6753.04	17	0	84
	Feb 2018	30	44	4	48	48	0	48	6753.04	17	0	48
	Mar 2018	46	48	6	54	54	0	54	6753.04	17	5	49
	Apr 2018	93	65	12	77	77	0	77	6753.04	17	30	47
	May 2018	255	167	30	197	134	63	197	6753.04	17	55	142
	Jun 2018	335	82	35	117	117	0	117	6753.04	17	60	57
	Jul 2018	117	102	12	114	114	0	114	6753.04	17	65	49
	Aug 2018	62	107	7	114	114	0	114	6753.04	17	65	49
	Sep 2018	49	93	6	99	99	0	99	6753.04	17	55	44
	WY 2018	**1155**	**1050**	**135**	**1185**	**1122**	**63**	**1185**			**365**	**820**
	Oct 2018	48	70	6	76	76	0	76	6753.04	17	30	46
	Nov 2018	39	64	5	69	69	0	69	6753.04	17	0	69
	Dec 2018	32	97	5	101	101	0	101	6753.04	17	0	101
	Jan 2019	31	41	5	45	45	0	45	6753.04	17	0	45
	Feb 2019	29	35	4	39	39	0	39	6753.04	17	0	39
	Mar 2019	46	42	6	48	48	0	48	6753.04	17	5	43
	Apr 2019	101	59	12	71	71	0	71	6753.04	17	30	41
	May 2019	281	180	34	214	134	80	214	6753.04	17	55	159
	Jun 2019	315	101	34	134	130	5	134	6753.04	17	60	74
	Jul 2019	138	105	14	120	120	0	120	6753.04	17	65	55
	Aug 2019	75	112	8	120	120	0	120	6753.04	17	65	55

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Managing Water in the West

September 2017 24-Month Study

Most Probable Inflow*

Vallecito Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Sep 2016	14	27	7643.21	71
	WY 2016	**269**	**270**		
H	Oct 2016	11	8	7644.63	74
I	Nov 2016	6	2	7646.51	79
S	Dec 2016	6	2	7647.98	82
T	Jan 2017	7	5	7648.89	84
O	Feb 2017	7	15	7645.42	76
R	Mar 2017	24	24	7645.75	77
I	Apr 2017	45	35	7649.82	87
C	May 2017	67	44	7658.86	109
A	Jun 2017	72	57	7664.54	124
L	Jul 2017	30	39	7660.94	115
*	Aug 2017	19	33	7655.15	100
	Sep 2017	14	29	7648.92	84
	WY 2017	**309**	**292**		
	Oct 2017	14	17	7647.47	81
	Nov 2017	8	2	7650.04	87
	Dec 2017	7	2	7652.14	92
	Jan 2018	5	2	7653.39	95
	Feb 2018	4	2	7654.28	97
	Mar 2018	7	2	7656.24	102
	Apr 2018	18	2	7662.35	118
	May 2018	60	53	7664.76	125
	Jun 2018	68	67	7664.77	125
	Jul 2018	27	42	7658.99	109
	Aug 2018	17	38	7650.51	88
	Sep 2018	15	30	7644.10	73
	WY 2018	**250**	**258**		
	Oct 2018	14	17	7642.64	70
	Nov 2018	8	2	7645.53	76
	Dec 2018	6	2	7647.44	81
	Jan 2019	5	2	7648.91	84
	Feb 2019	5	2	7650.16	87
	Mar 2019	9	2	7652.85	94
	Apr 2019	23	2	7661.15	115
	May 2019	71	61	7664.79	125
	Jun 2019	70	70	7664.66	125
	Jul 2019	29	42	7659.68	111
	Aug 2019	20	38	7652.39	93

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Managing Water in the West

September 2017 24-Month Study

Most Probable Inflow*

Navajo Reservoir

	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azetea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Farmington Flow (1000 Ac-Ft)
*	Sep 2016	21	1	33	3	27	30	6056.98	1310	41
	WY 2016	**863**	**96**	**769**	**29**	**169**	**653**			**1077**
H	Oct 2016	27	0	24	2	5	27	6056.19	1300	46
I	Nov 2016	24	0	19	1	0	22	6055.87	1296	43
S	Dec 2016	25	0	22	1	0	20	6055.92	1297	40
T	Jan 2017	34	0	31	1	0	22	6056.65	1306	39
O	Feb 2017	55	1	62	1	1	27	6059.31	1339	48
R	Mar 2017	176	17	159	2	6	30	6068.54	1460	89
I	Apr 2017	235	33	192	3	19	33	6078.18	1598	137
C	May 2017	262	45	195	4	25	228	6073.94	1536	315
A	Jun 2017	230	46	166	5	40	259	6063.90	1398	458
L	Jul 2017	49	11	47	4	43	38	6061.00	1361	93
*	Aug 2017	29	5	38	4	35	36	6058.07	1323	54
	Sep 2017	28	1	42	3	22	30	6057.02	1310	53
	WY 2017	**1174**	**159**	**997**	**28**	**197**	**771**			**1415**
	Oct 2017	37	2	38	2	8	23	6057.41	1315	46
	Nov 2017	33	1	26	1	1	21	6057.70	1319	39
	Dec 2017	27	0	22	1	1	22	6057.61	1318	37
	Jan 2018	24	0	21	1	0	22	6057.51	1316	35
	Feb 2018	27	0	25	1	0	19	6057.85	1321	30
	Mar 2018	66	2	58	2	5	22	6060.23	1351	40
	Apr 2018	130	15	99	3	21	21	6064.45	1405	61
	May 2018	255	37	211	4	35	22	6075.29	1555	161
	Jun 2018	195	32	162	5	51	22	6081.02	1640	156
	Jul 2018	44	6	53	5	56	51	6077.01	1580	107
	Aug 2018	35	1	55	4	47	65	6072.75	1519	97
	Sep 2018	32	1	46	3	26	145	6063.35	1391	171
	WY 2018	**905**	**98**	**814**	**30**	**251**	**453**			**978**
	Oct 2018	39	2	40	2	10	31	6063.20	1389	55
	Nov 2018	31	1	23	1	0	30	6062.63	1382	47
	Dec 2018	25	0	20	1	0	31	6061.79	1371	46
	Jan 2019	22	0	18	1	0	31	6060.78	1358	44
	Feb 2019	30	0	27	1	0	28	6060.66	1356	40
	Mar 2019	92	2	83	2	5	22	6064.87	1411	44
	Apr 2019	170	14	134	3	21	21	6071.48	1501	73
	May 2019	277	37	230	4	36	256	6066.71	1436	403
	Jun 2019	224	32	191	4	52	276	6055.74	1295	428
	Jul 2019	66	6	72	4	57	43	6053.14	1263	111
	Aug 2019	45	1	62	3	48	34	6051.24	1240	72

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September 2017 24-Month Study

Most Probable Inflow*

Lake Powell

	Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry Gage (1000 Ac-Ft)
*	Sep 2016	281	461	50	699	0	699	3610.93	5080	12824	712
	WY 2016	**9616**	**9909**	**378**	**9000**	**0**	**9000**				**9117**
H	Oct 2016	381	477	35	601	0	601	3609.48	5068	12678	610
I	Nov 2016	383	389	33	624	126	750	3605.81	5039	12313	754
S	Dec 2016	300	366	26	898	0	898	3600.49	4997	11797	913
T	Jan 2017	359	415	8	880	0	880	3595.86	4962	11359	900
O	Feb 2017	555	565	8	711	0	711	3594.33	4951	11217	720
R	Mar 2017	1112	895	14	722	0	722	3595.91	4963	11364	730
I	Apr 2017	1608	1494	23	623	0	623	3604.14	5026	12149	629
C	May 2017	2377	2321	29	652	0	652	3619.09	5147	13667	658
A	Jun 2017	3115	2680	51	749	0	749	3634.89	5286	15408	763
L	Jul 2017	1073	889	64	850	0	850	3634.69	5284	15385	875
*	Aug 2017	446	495	63	900	0	900	3630.88	5250	14952	931
	Sep 2017	360	512	57	663	0	663	3629.16	5234	14759	672
	WY 2017	**12069**	**11499**	**409**	**8874**	**126**	**9000**				**9154**
	Oct 2017	510	603	39	630	0	630	3628.61	5230	14698	636
	Nov 2017	490	585	38	630	0	630	3627.93	5223	14622	634
	Dec 2017	370	564	30	740	0	740	3626.19	5208	14431	746
	Jan 2018	360	513	9	860	0	860	3623.16	5182	14101	866
	Feb 2018	390	492	10	750	0	750	3620.84	5162	13853	752
	Mar 2018	590	547	17	800	0	800	3618.49	5142	13604	805
	Apr 2018	900	767	26	700	0	700	3618.85	5145	13642	708
	May 2018	1950	1681	32	700	0	700	3627.01	5215	14520	706
	Jun 2018	2600	2096	52	760	0	760	3637.49	5310	15709	766
	Jul 2018	800	751	65	860	0	860	3636.11	5298	15548	875
	Aug 2018	400	543	63	900	0	900	3632.71	5266	15159	914
	Sep 2018	350	580	58	670	0	670	3631.50	5255	15022	679
	WY 2018	**9710**	**9722**	**438**	**9000**	**0**	**9000**				**9086**
	Oct 2018	464	533	40	640	0	640	3630.30	5245	14886	646
	Nov 2018	450	525	38	640	0	640	3629.03	5233	14744	644
	Dec 2018	363	501	30	720	0	720	3626.95	5215	14514	726
	Jan 2019	361	442	9	860	0	860	3623.32	5183	14118	866
	Feb 2019	393	445	10	750	0	750	3620.60	5160	13827	752
	Mar 2019	665	600	17	800	0	800	3618.70	5144	13626	805
	Apr 2019	1056	874	26	710	0	710	3619.90	5154	13753	718
	May 2019	2343	2241	33	710	0	710	3632.55	5265	15140	716
	Jun 2019	2666	2378	55	750	0	750	3644.97	5381	16598	756
	Jul 2019	1091	1001	68	850	0	850	3645.60	5388	16674	865
	Aug 2019	500	592	68	900	0	900	3642.72	5360	16326	914

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2017 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Glen Release (1000 Ac-Ft)	Side Inflow Glen to Hoover (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Sep 2016	699	88	57	702	11.8	22	701	625	1075.23	9620
	WY 2016	**9000**	**798**	**531**	**9293**		**224**	**9282**			
H	Oct 2016	601	78	42	518	8.4	23	517	631	1076.34	9710
I	Nov 2016	750	77	42	751	12.6	16	750	632	1076.55	9727
S	Dec 2016	898	63	36	542	8.8	8	536	655	1080.82	10079
T	Jan 2017	880	128	30	500	8.1	7	494	684	1086.08	10521
O	Feb 2017	711	150	28	488	8.8	7	487	704	1089.78	10838
R	Mar 2017	722	97	32	911	14.8	16	910	696	1088.26	10707
I	Apr 2017	623	92	39	961	16.1	20	960	677	1084.89	10420
C	May 2017	652	39	44	917	14.9	29	915	659	1081.56	10141
A	Jun 2017	749	17	53	864	14.5	29	864	648	1079.52	9971
L	Jul 2017	850	88	66	885	14.4	30	885	646	1079.03	9931
*	Aug 2017	900	94	70	683	11.1	27	683	658	1081.44	10131
	Sep 2017	663	110	58	660	11.1	29	660	660	1081.73	10155
	WY 2017	**9000**	**1033**	**541**	**8681**		**241**	**8660**			
	Oct 2017	630	71	42	677	11.0	24	677	657	1081.25	10115
	Nov 2017	630	65	42	654	11.0	16	654	656	1081.05	10098
	Dec 2017	740	51	37	590	9.6	13	590	666	1082.75	10240
	Jan 2018	860	64	30	712	11.6	10	712	676	1084.65	10400
	Feb 2018	750	72	28	609	11.0	12	609	687	1086.57	10563
	Mar 2018	800	46	31	1036	16.9	20	1036	672	1083.89	10336
	Apr 2018	700	39	38	1092	18.4	27	1092	646	1079.18	9943
	May 2018	700	26	43	966	15.7	32	966	627	1075.57	9647
	Jun 2018	760	10	52	866	14.5	33	866	616	1073.48	9478
	Jul 2018	860	77	65	828	13.5	36	828	617	1073.59	9487
	Aug 2018	900	127	69	770	12.5	34	770	626	1075.37	9631
	Sep 2018	670	110	57	697	11.7	31	697	626	1075.32	9627
	WY 2018	**9000**	**757**	**535**	**9497**		**287**	**9497**			
	Oct 2018	640	71	42	489	8.0	26	489	635	1077.10	9772
	Nov 2018	640	65	42	632	10.6	18	632	636	1077.25	9784
	Dec 2018	720	51	36	587	9.6	14	587	644	1078.77	9909
	Jan 2019	860	64	30	716	11.7	10	716	654	1080.66	10066
	Feb 2019	750	72	28	610	11.0	12	610	665	1082.61	10228
	Mar 2019	800	46	31	1042	16.9	20	1042	650	1079.82	9996
	Apr 2019	710	39	38	1097	18.4	27	1097	625	1075.10	9609
	May 2019	710	26	43	973	15.8	32	973	606	1071.47	9317
	Jun 2019	750	10	51	873	14.7	33	873	594	1069.15	9132
	Jul 2019	850	77	63	834	13.6	36	834	593	1069.08	9126
	Aug 2019	900	127	68	778	12.7	34	778	602	1070.82	9265

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2017 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Sep 2016	702	-18	18	711	0	711	11.9	640.34	1627
	WY 2016	**9293**	**-195**	**198**	**8879**	**0**	**8879**			
H	Oct 2016	518	-7	15	640	0	640	10.4	634.86	1482
I	Nov 2016	751	-29	11	574	0	574	9.6	640.09	1620
S	Dec 2016	542	-17	9	482	0	482	7.8	641.31	1653
T	Jan 2017	500	-23	10	408	0	408	6.6	643.47	1712
O	Feb 2017	488	-13	10	486	0	486	8.7	642.70	1690
R	Mar 2017	911	-27	13	844	0	844	13.7	643.70	1718
I	Apr 2017	961	-23	17	955	0	955	16.1	642.45	1684
C	May 2017	917	-13	22	846	0	846	13.8	643.74	1719
A	Jun 2017	864	-6	25	853	0	853	14.3	643.01	1699
L	Jul 2017	885	-5	26	809	0	809	13.2	644.65	1744
*	Aug 2017	683	-8	23	707	0	707	11.5	642.64	1689
	Sep 2017	660	-11	18	715	0	715	12.0	639.51	1604
	WY 2017	**8681**	**-184**	**199**	**8320**	**0**	**8320**			
	Oct 2017	677	-4	15	724	0	724	11.8	637.00	1538
	Nov 2017	654	-11	10	632	0	632	10.6	637.00	1538
	Dec 2017	590	-10	9	526	0	526	8.6	638.71	1583
	Jan 2018	712	-19	10	601	0	601	9.8	641.80	1666
	Feb 2018	609	-16	10	583	0	583	10.5	641.80	1666
	Mar 2018	1036	-16	13	973	0	973	15.8	643.05	1700
	Apr 2018	1092	-20	17	1057	0	1057	17.8	643.00	1699
	May 2018	966	-13	22	931	0	931	15.1	643.00	1699
	Jun 2018	866	-18	25	850	0	850	14.3	642.00	1671
	Jul 2018	828	-16	25	800	0	800	13.0	641.50	1658
	Aug 2018	770	-12	23	735	0	735	12.0	641.50	1658
	Sep 2018	697	-11	18	708	0	708	11.9	640.01	1617
	WY 2018	**9497**	**-166**	**197**	**9119**	**0**	**9119**			
	Oct 2018	489	-4	15	653	0	653	10.6	633.00	1434
	Nov 2018	632	-11	10	560	0	560	9.4	635.00	1486
	Dec 2018	587	-10	9	471	0	471	7.7	638.71	1583
	Jan 2019	716	-19	10	605	0	605	9.8	641.80	1666
	Feb 2019	610	-16	10	585	0	585	10.5	641.80	1666
	Mar 2019	1042	-16	13	978	0	978	15.9	643.05	1700
	Apr 2019	1097	-20	17	1062	0	1062	17.8	643.00	1699
	May 2019	973	-13	22	938	0	938	15.3	643.00	1699
	Jun 2019	873	-18	25	857	0	857	14.4	642.00	1671
	Jul 2019	834	-16	25	807	0	807	13.1	641.50	1658
	Aug 2019	778	-12	23	743	0	743	12.1	641.50	1658

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2017 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	Sep 2016	711	14	15	490	8.2	89	134	447.97	579	92	1.5
	WY 2016	**8879**	**225**	**140**	**6360**		**1057**	**1467**			**1496**	
H	Oct 2016	640	36	12	466	7.6	80	133	446.90	559	61	1.0
I	Nov 2016	574	21	9	374	6.3	78	140	446.33	549	97	1.6
S	Dec 2016	482	26	7	271	4.4	86	118	447.64	573	112	1.8
T	Jan 2017	408	33	6	244	4.0	68	126	447.29	567	126	2.1
O	Feb 2017	486	14	8	393	7.1	13	62	448.30	586	160	2.9
R	Mar 2017	844	11	9	687	11.2	24	136	447.83	577	203	3.3
I	Apr 2017	955	13	11	729	12.3	42	160	448.73	594	181	3.0
C	May 2017	846	22	13	634	10.3	44	175	448.31	586	111	1.8
A	Jun 2017	853	0	15	689	11.6	58	79	448.41	588	126	2.1
L	Jul 2017	809	18	17	666	10.8	58	71	448.63	592	131	2.1
*	Aug 2017	707	12	17	570	9.3	58	70	448.28	585	102	1.7
	Sep 2017	715	20	15	534	9.0	56	136	447.50	571	89	1.5
	WY 2017	**8320**	**226**	**140**	**6257**		**665**	**1408**			**1499**	
	Oct 2017	724	28	12	496	8.1	115	131	447.00	561	69	1.1
	Nov 2017	632	19	9	393	6.6	111	123	447.50	570	102	1.7
	Dec 2017	526	19	7	316	5.1	115	122	446.50	552	109	1.8
	Jan 2018	601	17	6	361	5.9	90	157	446.50	552	138	2.2
	Feb 2018	583	10	8	482	8.7	24	73	446.50	552	160	2.9
	Mar 2018	973	7	9	717	11.7	90	152	446.70	555	198	3.2
	Apr 2018	1057	19	11	745	12.5	88	183	448.70	593	175	2.9
	May 2018	931	15	13	643	10.5	90	188	448.70	593	104	1.7
	Jun 2018	850	15	16	676	11.4	88	73	448.70	593	105	1.8
	Jul 2018	800	26	17	646	10.5	90	73	448.00	580	111	1.8
	Aug 2018	735	25	17	579	9.4	90	73	447.50	571	100	1.6
	Sep 2018	708	20	15	515	8.7	32	157	447.50	570	89	1.5
	WY 2018	**9119**	**220**	**139**	**6569**		**1022**	**1505**			**1461**	
	Oct 2018	653	28	12	489	8.0	26	146	447.50	571	74	1.2
	Nov 2018	560	19	9	392	6.6	25	146	447.50	571	116	1.9
	Dec 2018	471	19	7	325	5.3	26	146	446.50	552	131	2.1
	Jan 2019	605	17	6	359	5.8	95	157	446.50	552	138	2.2
	Feb 2019	585	10	8	481	8.7	26	73	446.50	552	160	2.9
	Mar 2019	978	7	9	717	11.7	95	152	446.70	555	198	3.2
	Apr 2019	1062	19	11	745	12.5	93	183	448.70	593	175	2.9
	May 2019	938	15	13	645	10.5	95	188	448.70	593	104	1.7
	Jun 2019	857	15	16	678	11.4	93	73	448.70	593	105	1.8
	Jul 2019	807	26	17	648	10.5	95	73	448.00	580	111	1.8
	Aug 2019	743	25	17	582	9.5	95	73	447.50	571	100	1.6

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2017 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Sep 2016	702	11.8	1075.23	9620	5	429.97	1539.0	266.3	100	379.1
	WY 2016	**9293**							**3596.9**		
H	Oct 2016	518	8.4	1076.34	9710	90	438.10	1335.0	195.2	87	377.1
I	Nov 2016	751	12.6	1076.55	9727	17	427.42	1072.0	290.6	80	386.7
S	Dec 2016	542	8.8	1080.82	10079	352	438.26	1103.0	207.3	71	382.3
T	Jan 2017	500	8.1	1086.08	10521	442	442.12	857.0	192.4	55	384.9
O	Feb 2017	488	8.8	1089.78	10838	317	446.75	938.0	190.4	58	390.4
R	Mar 2017	911	14.8	1088.26	10707	-131	440.44	1291.1	362.0	79	397.2
I	Apr 2017	961	16.1	1084.89	10420	-287	439.75	1227.0	381.0	76	396.5
C	May 2017	917	14.9	1081.56	10141	-280	434.83	1307.0	360.6	80	393.4
A	Jun 2017	864	14.5	1079.52	9971	-169	433.52	1500.0	335.0	94	387.5
L	Jul 2017	885	14.4	1079.03	9931	-40	432.24	1499.0	341.1	94	385.5
*	Aug 2017	683	11.1	1081.44	10131	200	436.25	1478.1	261.0	93	382.0
	Sep 2017	660	11.1	1081.73	10155	24	429.35	1581.0	252.7	100	382.6
	WY 2017	**8681**							**3369.1**		
	Oct 2017	677	11.0	1081.25	10115	-40	435.22	978.9	266.7	61	394.1
	Nov 2017	654	11.0	1081.05	10098	-16	436.34	884.0	259.5	56	397.0
	Dec 2017	590	9.6	1082.75	10240	142	436.94	829.0	234.5	52	397.2
	Jan 2018	712	11.6	1084.65	10400	160	436.53	929.0	284.4	58	399.2
	Feb 2018	609	11.0	1086.57	10563	163	435.56	1216.0	237.8	75	390.7
	Mar 2018	1036	16.9	1083.89	10336	-227	434.03	1314.0	408.9	82	394.5
	Apr 2018	1092	18.4	1079.18	9943	-393	429.98	1290.1	431.8	82	395.4
	May 2018	966	15.7	1075.57	9647	-296	424.49	1476.1	372.7	95	385.8
	Jun 2018	866	14.5	1073.48	9478	-169	421.42	1548.0	327.7	100	378.6
	Jul 2018	828	13.5	1073.59	9487	9	420.93	1548.0	317.3	100	383.4
	Aug 2018	770	12.5	1075.37	9631	145	422.03	1559.0	294.0	100	381.6
	Sep 2018	697	11.7	1075.32	9627	-4	423.37	1558.0	264.8	100	380.0
	WY 2018	**9497**							**3700.0**		
	Oct 2018	489	8.0	1077.10	9772	145	428.42	1263.0	189.5	81	387.5
	Nov 2018	632	10.6	1077.25	9784	12	431.66	1264.0	243.5	81	384.9
	Dec 2018	587	9.6	1078.77	9909	125	431.33	1168.0	227.2	74	386.9
	Jan 2019	716	11.7	1080.66	10066	157	432.64	904.9	284.0	57	396.3
	Feb 2019	610	11.0	1082.61	10228	162	430.92	1297.9	235.4	81	385.9
	Mar 2019	1042	16.9	1079.82	9996	-232	429.37	1392.7	405.0	88	388.8
	Apr 2019	1097	18.4	1075.10	9609	-387	425.36	1353.5	427.6	87	389.7
	May 2019	973	15.8	1071.47	9317	-292	419.87	1534.2	370.7	100	381.0
	Jun 2019	873	14.7	1069.15	9132	-185	417.25	1521.2	327.5	100	375.2
	Jul 2019	834	13.6	1069.08	9126	-6	416.55	1520.7	316.7	100	379.6
	Aug 2019	778	12.7	1070.82	9265	139	417.54	1530.4	294.0	100	378.0

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2017 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Sep 2016	711	11.9	640.34	1627	-45	138.91	255.0	90.5	100	127.3
	WY 2016	**8879**							**1129.0**		
H	Oct 2016	640	10.4	634.86	1482	-144	135.70	201.5	79.3	79	123.8
I	Nov 2016	574	9.6	640.09	1620	138	140.91	170.9	71.1	67	123.8
S	Dec 2016	482	7.8	641.31	1653	33	138.48	168.3	61.4	66	127.3
T	Jan 2017	408	6.6	643.47	1712	59	143.95	164.5	54.6	65	133.8
O	Feb 2017	486	8.7	642.70	1690	-21	141.54	162.1	63.8	64	131.4
R	Mar 2017	844	13.7	643.70	1718	28	141.08	194.1	109.6	76	129.9
I	Apr 2017	955	16.1	642.45	1684	-34	138.31	204.0	131.0	80	137.2
C	May 2017	846	13.8	643.74	1719	35	142.74	232.0	108.4	91	128.1
A	Jun 2017	853	14.3	643.01	1699	-20	141.59	255.0	107.4	100	126.0
L	Jul 2017	809	13.2	644.65	1744	45	143.65	255.0	101.5	100	125.5
*	Aug 2017	707	11.5	642.64	1689	-55	143.10	255.0	89.9	100	127.1
	Sep 2017	715	12.0	639.51	1604	-85	134.02	255.0	89.1	100	124.5
	WY 2017	**8320**							**1067.2**		
	Oct 2017	724	11.8	637.00	1538	-66	133.27	181.0	88.4	71	122.1
	Nov 2017	632	10.6	637.00	1538	0	132.33	170.0	76.7	67	121.4
	Dec 2017	526	8.6	638.71	1583	45	133.30	167.8	64.7	66	122.9
	Jan 2018	601	9.8	641.80	1666	83	134.62	204.0	74.8	80	124.6
	Feb 2018	583	10.5	641.80	1666	0	136.73	187.6	73.3	74	125.7
	Mar 2018	973	15.8	643.05	1700	34	137.26	190.8	121.1	75	124.5
	Apr 2018	1057	17.8	643.00	1699	-2	136.07	255.0	131.5	100	124.5
	May 2018	931	15.1	643.00	1699	0	136.04	255.0	116.6	100	125.2
	Jun 2018	850	14.3	642.00	1671	-27	135.51	255.0	106.3	100	125.1
	Jul 2018	800	13.0	641.50	1658	-14	134.73	255.0	99.8	100	124.8
	Aug 2018	735	12.0	641.50	1658	0	134.46	255.0	91.9	100	124.9
	Sep 2018	708	11.9	640.01	1617	-40	133.68	255.0	88.0	100	124.3
	WY 2018	**9119**							**1133.1**		
	Oct 2018	653	10.6	633.00	1434	-183	130.74	202.3	79.0	79	120.9
	Nov 2018	560	9.4	635.00	1486	51	129.19	170.0	66.7	67	119.1
	Dec 2018	471	7.7	638.71	1583	97	132.25	167.8	57.7	66	122.4
	Jan 2019	605	9.8	641.80	1666	83	134.43	210.6	75.3	83	124.6
	Feb 2019	585	10.5	641.80	1666	0	136.73	187.6	73.5	74	125.7
	Mar 2019	978	15.9	643.05	1700	34	137.26	190.8	121.7	75	124.5
	Apr 2019	1062	17.8	643.00	1699	-2	136.07	255.0	132.1	100	124.5
	May 2019	938	15.3	643.00	1699	0	136.04	255.0	117.5	100	125.2
	Jun 2019	857	14.4	642.00	1671	-27	135.51	255.0	107.1	100	125.0
	Jul 2019	807	13.1	641.50	1658	-14	134.73	255.0	100.6	100	124.8
	Aug 2019	743	12.1	641.50	1658	0	134.46	255.0	92.8	100	124.9

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3043

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2017 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Sep 2016	490	8.2	447.97	579	-10	82.24	120.0	34.7	100	70.9
	WY 2016	**6345**							**447.6**		
H	Oct 2016	466	7.6	446.90	559	-20	78.88	93.6	32.8	78	70.5
I	Nov 2016	374	6.3	446.33	549	-11	80.55	90.0	26.0	75	69.6
S	Dec 2016	271	4.4	447.64	573	24	83.20	117.6	17.9	98	65.9
T	Jan 2017	244	4.0	447.29	567	-6	81.95	93.9	16.2	78	66.5
O	Feb 2017	393	7.1	448.30	586	19	82.67	90.0	27.9	75	71.0
R	Mar 2017	687	11.2	447.83	577	-9	79.98	90.0	48.8	75	71.1
I	Apr 2017	729	12.3	448.73	594	17	80.51	120.0	51.3	100	70.3
C	May 2017	634	10.3	448.31	586	-8	82.36	120.0	44.8	100	70.6
A	Jun 2017	689	11.6	448.41	588	2	80.56	120.0	48.1	100	69.9
L	Jul 2017	666	10.8	448.63	592	4	82.74	120.0	46.5	100	69.9
*	Aug 2017	570	9.3	448.28	585	-7	82.37	120.0	39.9	100	70.0
	Sep 2017	534	9.0	447.50	571	-15	75.26	120.0	34.9	100	65.4
	WY 2017	**6257**							**435.3**		
	Oct 2017	496	8.1	447.00	561	-9	75.90	92.9	32.6	77	65.8
	Nov 2017	393	6.6	447.50	570	9	75.69	97.0	25.5	81	65.0
	Dec 2017	316	5.1	446.50	552	-19	74.40	120.0	19.9	100	63.0
	Jan 2018	361	5.9	446.50	552	0	74.88	98.7	23.1	82	64.0
	Feb 2018	482	8.7	446.50	552	0	75.04	95.4	31.5	79	65.4
	Mar 2018	717	11.7	446.70	555	4	74.01	120.0	46.6	100	65.0
	Apr 2018	745	12.5	448.70	593	38	75.08	120.0	49.1	100	65.9
	May 2018	643	10.5	448.70	593	0	76.05	120.0	42.7	100	66.3
	Jun 2018	676	11.4	448.70	593	0	76.05	120.0	44.9	100	66.5
	Jul 2018	646	10.5	448.00	580	-13	75.71	120.0	42.7	100	66.1
	Aug 2018	579	9.4	447.50	571	-9	75.13	120.0	37.9	100	65.4
	Sep 2018	515	8.7	447.50	570	0	74.89	120.0	33.5	100	65.0
	WY 2018	**6569**							**429.9**		
	Oct 2018	489	8.0	447.50	571	0	75.85	98.7	32.1	82	65.7
	Nov 2018	392	6.6	447.50	571	0	75.83	99.0	25.5	83	65.0
	Dec 2018	325	5.3	446.50	552	-19	74.40	120.0	20.5	100	63.1
	Jan 2019	359	5.8	446.50	552	0	75.02	95.8	23.0	80	64.1
	Feb 2019	481	8.7	446.50	552	0	75.21	92.1	31.5	77	65.5
	Mar 2019	717	11.7	446.70	555	4	74.05	119.0	46.6	99	65.0
	Apr 2019	745	12.5	448.70	593	38	75.08	120.0	49.1	100	65.9
	May 2019	645	10.5	448.70	593	0	76.05	120.0	42.8	100	66.3
	Jun 2019	678	11.4	448.70	593	0	76.05	120.0	45.1	100	66.5
	Jul 2019	648	10.5	448.00	580	-13	75.71	120.0	42.8	100	66.1
	Aug 2019	582	9.5	447.50	571	-9	75.13	120.0	38.0	100	65.4

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2017 24-Month Study

Most Probable Inflow*

Upper Basin Power

	Date	Glen Canyon 1000 MWHR	Flaming Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Reservoir 1000 MWHR	Fontenelle Reservoir 1000 MWHR
*	Sep 2016	315	42	30	36	20	3
	Summer 2016	**2111**	**276**	**166**	**218**	**116**	**34**
H	Oct 2016	269	33	26	33	19	0
I	Nov 2016	277	30	9	11	6	0
S	Dec 2016	395	41	10	11	6	0
T	Jan 2017	385	43	10	11	5	0
O	Feb 2017	307	43	13	19	10	0
R	Mar 2017	312	97	19	22	0	0
	Winter 2017	**1945**	**289**	**87**	**107**	**46**	**0**
I	Apr 2017	270	102	15	22	6	0
C	May 2017	291	105	43	72	17	4
A	Jun 2017	346	102	40	66	8	6
L	Jul 2017	399	71	35	13	18	8
*	Aug 2017	421	56	34	0	22	9
	Sep 2017	279	53	35	40	19	6
	Summer 2017	**2006**	**488**	**202**	**213**	**91**	**33**
	Oct 2017	264	54	23	27	14	6
	Nov 2017	264	53	22	27	14	6
	Dec 2017	309	62	34	41	21	6
	Jan 2018	358	63	22	28	15	6
	Feb 2018	311	57	12	16	8	5
	Mar 2018	330	39	13	17	9	6
	Winter 2018	**1837**	**327**	**126**	**156**	**81**	**36**
	Apr 2018	288	37	16	24	13	6
	May 2018	290	64	42	60	23	7
	Jun 2018	321	60	19	30	20	8
	Jul 2018	366	36	31	37	20	10
	Aug 2018	381	36	33	38	20	7
	Sep 2018	283	35	28	33	17	7
	Summer 2018	**1929**	**267**	**168**	**222**	**113**	**44**
	Oct 2018	269	36	21	25	13	6
	Nov 2018	269	35	19	23	12	6
	Dec 2018	301	36	28	35	18	6
	Jan 2019	358	36	11	15	8	6
	Feb 2019	310	32	10	13	7	5
	Mar 2019	330	36	11	15	8	6
	Winter 2019	**1198**	**142**	**79**	**98**	**50**	**23**
	Apr 2019	293	35	14	21	12	6
	May 2019	296	58	46	65	23	6
	Jun 2019	320	53	25	36	22	8
	Jul 2019	368	36	31	38	21	9
	Aug 2019	388	36	34	40	21	9

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2017 24-Month Study

Most Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions

Date	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Total KAF	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****CREDITABLE SPACE****										
Sep 2017	274	27	373	9370	10044	17246	27290	274	27	373	674	9370	17246	27290	2270	660	0	33.1
Oct 2017	351	82	386	9563	10381	17222	27603	351	82	386	819	9563	17222	27603	3040	677	0	32.8
Nov 2017	425	111	381	9624	10540	17262	27803	425	111	381	916	9624	17262	27803	3810	654	0	32.6
Dec 2017	495	150	377	9700	10722	17279	28001	495	150	377	1022	9700	17279	28001	4580	590	0	32.4
Jan 2018	609	233	378	9891	11111	17137	28248	609	233	378	1220	9891	17137	28248	5350	712	0	32.2
								****EFFECTIVE SPACE****										
Jan 2018	609	233	378	9891	11111	17137	28248	220	221	378	819	9891	17137	27848	5350	712	0	32.2
Feb 2018	717	279	380	10221	11596	16977	28573	328	268	380	976	10221	16977	28174	1500	609	0	32.0
Mar 2018	808	295	375	10469	11948	16814	28762	420	286	375	1081	10469	16814	28364	1500	1036	0	31.6
Apr 2018	799	302	345	10718	12165	17041	29206	406	294	345	1045	10718	17041	28805	1500	1092	0	31.4
May 2018	763	287	291	10680	12020	17434	29454	362	279	291	931	10680	17434	29045	1500	966	0	32.2
Jun 2018	720	240	141	9802	10903	17730	28633	311	221	141	673	9802	17730	28204	1500	866	0	33.7
Jul 2018	539	45	56	8613	9253	17899	27152	115	3	1	119	8613	17899	26632	1500	828	0	33.5
								****CREDITABLE SPACE****										
Aug 2018	442	37	116	8774	9368	17890	27259	442	37	116	595	8774	17890	27259	1500	770	0	33.1
Sep 2018	469	79	177	9163	9888	17746	27634	469	79	177	725	9163	17746	27634	2270	697	0	32.7
Oct 2018	521	121	305	9300	10247	17750	27997	521	121	305	947	9300	17750	27997	3040	489	0	32.5
Nov 2018	568	147	307	9436	10458	17605	28063	568	147	307	1022	9436	17605	28063	3810	632	0	32.3
Dec 2018	616	176	314	9578	10684	17593	28277	616	176	314	1106	9578	17593	28277	4580	587	0	32.1
Jan 2019	680	244	325	9808	11058	17468	28526	680	244	325	1250	9808	17468	28526	5350	716	0	31.9
								****EFFECTIVE SPACE****										
Jan 2019	680	244	325	9808	11058	17468	28526	382	244	80	707	9808	17468	27983	5350	716	0	31.9
Feb 2019	740	257	338	10204	11539	17311	28850	440	257	93	790	10204	17311	28305	1500	610	0	31.7
Mar 2019	786	265	340	10495	11887	17149	29036	484	265	93	843	10495	17149	28487	1500	1042	0	31.4
Apr 2019	787	266	285	10696	12034	17381	29414	480	266	32	778	10696	17381	28854	1500	1097	0	31.3
May 2019	756	240	195	10569	11760	17768	29528	442	240	-82	600	10569	17768	28937	1500	973	0	32.5
Jun 2019	681	182	260	9182	10305	18060	28365	356	182	-56	482	9182	18060	27724	1500	873	0	34.0
Jul 2019	453	23	401	7724	8602	18245	26847	112	18	29	159	7724	18245	26128	1500	834	0	34.1
								****CREDITABLE SPACE****										
Aug 2019	358	5	433	7648	8444	18251	26695	358	5	433	796	7648	18251	26695	1500	778	0	33.8

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3043

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October 24-Month Study
Date: October 12, 2017

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

Reservoir	September Inflow (unregulated) (acre-feet)	Percent of Average (%)	October 11, Midnight Elevation (feet)	October 11, Midnight Reservoir Storage (acre-feet)
Fontenelle	66,000	144	6,495.48	265,000
Flaming Gorge	87,000	157	6,033.23	3,475,000
Blue Mesa	35,000	94	7,505.61	708,000
Navajo	9,000	21	6,056.81	1,308,000
Powell	196,000	48	3,628.07	14,638,000

Expected Operations

The operation of Lake Powell and Lake Mead in this October 2017 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines) and reflects the 2017 Annual Operating Plan (AOP) and draft 2018 AOP. Pursuant to the Interim Guidelines, the August 2017 24-Month Study projections of the January 1, 2018, system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2018.

Consistent with Section 6.B of the Interim Guidelines, the Lake Powell operational tier for water year 2018 will be governed by the Upper Elevation Balancing Tier, with an initial water year release volume of 8.23 million acre-feet (maf) and the potential for an April adjustment to equalization or balancing releases in April 2018. This October 2017 24-Month Study indicates that, consistent with Section 6.B.4 of the Interim Guidelines, an April adjustment to balancing releases is projected to occur and Lake Powell is projected to release 9.0 maf in water year 2018.

Consistent with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar years 2017 and 2018.

The 2018 operational tier determinations will be documented in the 2018 AOP, which is currently in the final stages of development.

The Interim Guidelines are available for download at:
http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf
The 2017 AOP is available for download at:
http://www.usbr.gov/lc/region/g4000/aop/AOP17.pdf
The draft 2018 AOP is available for download at:
https://www.usbr.gov/lc/region/g4000/AOP2018/AOP18_draft.pdf

Fontenelle Reservoir – Fontenelle Reservoir is currently at elevation 6495.41 feet above sea level (feet), which amounts to 77 percent of live storage capacity. Inflows for the month of September totaled 66,061 acre-feet (af), or 144 percent of average. Above average inflows are continuing to occur. Releases are currently set at 1,300 cubic feet per second (cfs).

The Colorado Basin River Forecast Center has forecasted fall and winter inflows that are above average. October, November, and December forecasted inflow volumes amount to 90,000 af (185 percent of average), 66,000 af (157 percent of average), and 50,000 af (156 percent of average), respectively.

The next Fontenelle Working Group meeting is scheduled for 10:00 a.m., April 17, 2018 and will be held at the Seedskadee National Wildlife Refuge. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir.

Flaming Gorge Reservoir – Releases are currently averaging 2,400 cfs. Unexpected maintenance issues will decrease releases to steady 1,550 cfs in October with an increase in November to accommodate the decrease and meet the May 1 elevation target of 6,027 feet.

Unregulated inflow into Flaming Gorge Reservoir during the month of September was 87,000 af, or 158 percent of average. The reservoir elevation is 6,033.45 feet (93 percent of live capacity) and decreasing. The observed April-July unregulated inflow volume into Flaming Gorge Reservoir was 2.214 maf (226 percent of average). This is the second highest inflow volume into Flaming Gorge with the record volume inflow in 1986 at 2.26 maf (232 percent of average).

The October final forecast for inflows for the next three months projects above average conditions: October, November and December forecasted inflow volumes at 110,000 af (186 percent of average), 85,000 af (166 percent of average), and 56,000 af (161 percent of average), respectively.

The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stakeholders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations and plans presented by Reclamation

at these meetings. Meeting notes from past Working Group meetings are posted on the Working Group webpage. For more information on this group and these meetings please contact Dale Hamilton at 801-379-1186 or Heather Patno at 801-524-3883.

Reclamation will be holding the next Flaming Gorge Working Group meeting on Thursday, March 8, 2018, at 7:00 p.m. at the Lighthouse Learning Center High School (gymnasium), 251 West 400 North, Price, Utah, and the next on April 19, 2018, at 11:00 a.m. at the UDWR offices 318 North Vernal Ave, Vernal, Utah.

Aspinall Unit Reservoirs – Releases from Crystal Dam are approximately 1,850 cfs. Blue Mesa Reservoir elevation is currently 7505. 89 feet which corresponds to a storage content 710,500 acre-feet (86 percent of full capacity). Releases from Crystal will likely be reduced to 1,600 cfs by mid-October and will remain at that level to the end of the month. It is anticipated that the Uncompahgre Valley Water Users Association will stop diverting water through the Gunnison Tunnel at the end of October. Current diversions through the Gunnison Tunnel are approximately 875 cfs.

The September unregulated inflow to Blue Mesa Reservoir was 34,850 af (94 percent of average). The April through July unregulated inflow for 2017 was 919,000 af (135 percent of average). Unregulated Inflows to Blue Mesa for the next three months (October, November and December) are projected to be: 40,000 af (105 percent of average), 35,000 af (113 percent of average) and 29,000 af (112 percent of average), respectively. For water year 2018, the unregulated inflow volume is forecasted to be 900,000 af (94 percent of average) with 607,000 af (90 percent of average) forecasted unregulated inflow during the April through July period. The October 24-Month Study is reflective of this new forecast.

The Aspinall Unit Working Group is an open public forum for information exchange between Reclamation and the stakeholders of the Aspinall Unit. The public is encouraged to attend and comments on the operations and plans presented by Reclamation at these meetings. Meeting notes from past working Group meetings are posted on the Working Group webpage. For more information on this group and these meetings please contact Erik Knight in the Grand Junction Area Office at (970) 248-0629.

Meeting notes from past working Group meetings are posted on the Working Group webpage at:

https://www.usbr.gov/uc/wcao/water/rsvrs/mtgs/amcurrnt.html

The next meeting of the Aspinall Unit Working Group will be held on Thursday, January 18th, 2018 at 1:00 p.m. at the Holiday Inn Express located in Montrose, Colorado.

Navajo Reservoir – As of October 11th, the daily average release at Navajo, as measured at the USGS Archuleta gage, is 512 cfs, and the observed inflow is 1051 cfs. NIIP is diverting 9 cfs. The reservoir elevation is 6056.81 feet (1.3 maf of live storage), and is 77

percent full (62 percent of active storage). Releases are made for the authorized purposes of the Navajo Unit, and pursuant to the 2006 Record of Decision, in an attempt to maintain a target base flow through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell). The San Juan River Basin Recovery Implementation Program (SJRIP) recommends a target base flow of between 500 cfs and 1,000 cfs through the critical habitat area. The target base flow is calculated as the weekly average of gaged flows throughout the critical habitat area.

Modified unregulated inflow into Navajo was 8,679 af, which was 20 percent of average for the month. Navajo reservoir elevation at the end of the water year (September 30th) was 6055.3 ft.

The most probable modified-unregulated inflow forecast for October at Navajo is 25,000 acre-ft (56 percent of average), for November is 25,000 acre-ft (75 percent of average), and for December is 20,000 acre-ft (80 percent of average). Releases for the remainder of the year will be made to maintain the target baseflow in the critical habitat reach and will likely range between 400 and 600 cfs.

Reclamation conducts Public Operations Meetings three times per year to gather input for determining upcoming operations for Navajo Reservoir. Input from individuals, organizations, and agencies along with other factors such as weather, water rights, endangered species requirements, flood control, hydro power, recreation, fish and wildlife management, and reservoir levels, will be considered in the development of these reservoir operation plans. In addition, the meetings are used to coordinate activities and exchange information among agencies, water users, and other interested parties concerning the San Juan River and Navajo Reservoir.

The next Navajo Public Operations Coordination Meeting is scheduled for January 23rd, 2018, at 1:00 p.m. at the Farmington Civic Center, Farmington, NM.

Glen Canyon Dam / Lake Powell

Current Status

High-Flow Experiments (HFE) below Glen Canyon Dam are driven by weather, sediment inputs, and other resource conditions, in accordance with the Glen Canyon Dam Long-Term Experimental and Management Plan Record of Decision (LTEMP).

When sediment conditions during the summer and fall meet specific thresholds as described in the LTEMP HFE Protocol, a fall HFE can occur. Fall HFEs can be scheduled to occur anytime during the months of October and November. In order to facilitate advance planning for a potential HFE this fall, the HFE technical team determined that October 9th was the latest date for which sediment inputs could be considered for a potential HFE this fall. Grand Canyon Monitoring and Research Center (GCMRC) scientists and Reclamation modelers considered cumulative sediment inputs from July 1 through midnight October 9th. Based on these data it has been determined that there is not sufficient sediment to support implementing a high flow experiment (HFE) at

Glen Canyon Dam during the fall 2017 planning window; therefore an HFE will not be tested this fall.

The unregulated inflow to Lake Powell in September was 196 thousand acre-feet (kaf) (48 percent of average). The release volume from Glen Canyon Dam in September was 663 kaf. The end of September elevation and storage of Lake Powell were 3,628.31 feet (72 feet from full pool) and 14.66 maf (60 percent of full capacity), respectively. The water year 2017 unregulated inflow to Lake Powell was 11.90 maf (110 percent of average). The water year 2017 release from Lake Powell was 9.0 maf. The reservoir elevation peaked at 3,635.80 feet on July 11th and is now in its seasonal decline through the fall and winter months.

Current Operations

The operating tier for water year 2018 was established in August 2017 as the Upper Elevation Balancing Tier, with an initial water year release volume of 8.23 maf and the potential for an April 2018 adjustment to equalization or balancing releases. Based on the current forecast, an April adjustment to balancing is projected to occur and Lake Powell is currently projected to release 9.0 maf in water year 2018. This projection will be updated each month throughout the water year. Reclamation will schedule operations at Glen Canyon Dam to achieve as practicably as possible the appropriate total annual release volume by September 30, 2018.

In October 2018, the release volume will be approximately 667 kaf, with fluctuations anticipated between about 8,300 cfs in the nighttime to about 14,000 cfs in the daytime and consistent with the Glen Canyon Operating Criteria (Federal Register, Volume 62, No. 41, March 3, 1997). The anticipated release volume for November is 630 kaf with daily fluctuations between approximately 8,000 cfs and 13,700 cfs. The expected release for December is 740 kaf with daily fluctuations between approximately 7,300 cfs and 14,000 cfs.

In addition to daily scheduled fluctuations for power generation, the instantaneous releases from Glen Canyon Dam may also fluctuate to provide 40 megawatts (mw) of system regulation. These instantaneous release adjustments stabilize the electrical generation and transmission system and translate to a range of about 1,200 cfs above or below the hourly scheduled release rate. Under system normal conditions, fluctuations for regulation are typically short lived and generally balance out over the hour with minimal or no noticeable impacts on downstream river flow conditions.

Releases from Glen Canyon Dam can also fluctuate beyond scheduled releases when called upon to respond to unscheduled power outages or power system emergencies. Depending on the severity of the system emergency, the response from Glen Canyon Dam can be significant, within the full range of the operating capacity of the power plant for as long as is necessary to maintain balance in the transmission system. Glen Canyon Dam currently maintains 27 mw (approximately 800 cfs) of generation capacity in reserve in order to respond to a system emergency even when generation rates are already high. System emergencies occur fairly infrequently and typically require small responses

from Glen Canyon Dam. However, these responses can have a noticeable impact on the river downstream of Glen Canyon Dam.

Inflow Forecasts and Model Projections

The forecast for water year 2018 unregulated inflow to Lake Powell, issued on October 1, 2017, by the Colorado Basin River Forecast Center, projects that the most probable (median) unregulated inflow volume next year will be 9.71 maf (90 percent of average). There is significant uncertainty regarding next season's snow pack development and resulting runoff into Lake Powell. The forecast ranges from a minimum probable of 7.0 maf (65 percent of average) to a maximum probable of 17.5 maf (162 percent of average). There is a 10 percent chance that inflows could be higher than the current maximum probable forecast and a 10 percent chance that inflows could be lower than the minimum probable forecast.

Based on the current forecast, the October 24-Month Study projects Lake Powell elevation will end water year 2018 near 3,631 feet with approximately 14.9 maf in storage (61 percent of capacity). Note that projections of elevation and storage for water year 2018 have significant uncertainty at this point in the season. Projections of elevation and storage using the minimum and maximum probable inflow forecast are 3,612 feet (12.9 maf, 53 percent of capacity) and 3,654 feet (17.7 maf, 73 percent of capacity), respectively. Under these scenarios, there is a 10 percent chance that inflows will be higher, resulting in higher elevation and storage, and 10 percent chance that inflows will be lower, resulting in lower elevation and storage. The annual release volume from Lake Powell during water year 2018 is projected to be 9.0 maf under the minimum and most probable inflow scenarios and 13.56 maf under the maximum probable inflow scenario. There is a chance that inflows could be higher or lower, potentially resulting in releases greater than 13.56 maf or as low as 8.23 maf in water year 2018.

Upper Colorado River Basin Hydrology

The Upper Colorado River Basin regularly experiences significant year to year hydrologic variability. During the 18-year period 2000 to 2017, however, the unregulated inflow to Lake Powell, which is a good measure of hydrologic conditions in the Colorado River Basin, was above average in only 4 out of the past 18 years. The period 2000-2017 is the lowest 18-year period since the closure of Glen Canyon Dam in 1963, with an average unregulated inflow of 8.76 maf, or 81 percent of the 30-year average (1981-2010). (For comparison, the 1981-2010 total water year average is 10.83 maf.) The unregulated inflow during the 2000-2017 period has ranged from a low of 2.64 maf (24 percent of average) in water year 2002 to a high of 15.97 maf (147 percent of average) in water year 2011. In water year 2017 unregulated inflow volume to Lake Powell was 11.9 maf (110 percent of average), the fourth year to be above average. Under the current most probable forecast, the total water year 2018 unregulated inflow to Lake Powell is projected to be 9.71 maf (90 percent of average).

At the beginning of water year 2018, total system storage in the Colorado River Basin was 32.9 maf (55 percent of 59.6 maf total system capacity). This is an increase of 2.2 maf over the total storage at the beginning of water year 2016 when total system storage was 30.7 maf (51 percent of capacity). Since the beginning of water year 2000, total

Colorado Basin storage has experienced year to year increases and decreases in response to wet and dry hydrology, ranging from a high of 94 percent of capacity at the beginning of 2000 to a low of 50 percent of capacity at the beginning of water year 2005. One wet year can significantly increase total system reservoir storage, just as persistent dry years can draw down the system storage. Based on current inflow forecasts, the current projected end of water year total Colorado Basin reservoir storage for water year 2018 is approximately 32.52 maf (55 percent of total system capacity). The actual end of water year 2018 system storage may vary from this projection, primarily due to uncertainty regarding this season's runoff and reservoir inflow. Based on the October minimum and maximum probable inflow forecasts and modeling, the range of end of water year 2018 total system capacity is approximately 30.06 maf (50 percent of capacty) to 35.47 maf (59 percent of capacity), respectively.

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-430
125 SOUTH STATE STREET, ROOM 8100
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-3709

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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:	Obs				sep	Forecast		
:	jun	jul	aug	sep	%Avg	oct	nov	dec
GLDA3:Lake Powell	3115	1073	446	196	48%:	510/	490/	380/
GBRW4:Fontenelle	732	332	102	66	144%:	90/	66/	50/
GRNU1:Flaming Gorge	895	387	120	87	158%:	110/	85/	56/
BMDC2:Blue Mesa	392	135	84	36	95%:	40/	35/	29/
MPSC2:Morrow Point	411	139	86	35	86%:	42/	36/	30/
CLSC2:Crystal	446	148	89	39	83%:	45/	38/	32/
TPIC2:Taylor Park	63	24	12.1	7.7	104%:	7/	5.5/	5/
VCRC2:Vallecito	72	30	18.8	8.6	49%:	10/	8/	6/
NVRN5:Navajo	230	49	29	9.0	21%:	25/	25/	20/
LEMC2:Lemon	23	7.0	4.1	1.73	43%:	2/	1.5/	1/
MPHC2:McPhee	95	25	15.3	7.5	66%:	7/	6/	4.5/
RBSC2:Ridgway	46	26	11.7	5.1	52%:	7/	5.5/	4.5/

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

October 2017 24-Month Study

Most Probable Inflow*

Fontenelle Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Oct 2016	57	1	0	57	57	6490.08	228
H	Nov 2016	62	1	0	59	59	6490.44	230
I	Dec 2016	37	1	0	63	63	6486.33	203
S	Jan 2017	45	1	0	63	63	6483.20	184
T	Feb 2017	51	1	0	57	57	6482.06	178
O	Mar 2017	180	1	0	150	150	6486.90	207
R	Apr 2017	225	1	0	304	304	6472.17	128
I	May 2017	430	1	54	373	427	6472.55	129
C	Jun 2017	732	2	74	469	543	6502.49	317
A	Jul 2017	332	3	88	230	319	6503.83	328
L	Aug 2017	102	2	95	61	156	6496.34	271
*	Sep 2017	66	2	69	4	72	6495.21	263
	WY 2017	**2319**	**15**	**379**	**1890**	**2270**		
	Oct 2017	90	1	78	0	78	6496.72	275
	Nov 2017	66	1	76	0	76	6495.23	264
	Dec 2017	50	1	78	0	78	6491.10	235
	Jan 2018	45	1	78	0	78	6485.92	202
	Feb 2018	40	1	71	0	71	6480.58	170
	Mar 2018	60	1	90	0	90	6474.57	140
	Apr 2018	93	1	93	27	120	6468.28	112
	May 2018	185	1	96	64	160	6473.78	136
	Jun 2018	325	2	101	61	162	6499.72	297
	Jul 2018	210	3	101	61	162	6505.56	342
	Aug 2018	85	2	95	0	95	6504.01	330
	Sep 2018	51	2	75	0	75	6500.66	304
	WY 2018	**1300**	**15**	**1032**	**213**	**1245**		
	Oct 2018	52	1	73	0	73	6497.78	282
	Nov 2018	44	1	70	0	70	6493.98	255
	Dec 2018	32	1	73	0	73	6487.81	214
	Jan 2019	30	1	73	0	73	6480.76	171
	Feb 2019	28	1	66	0	66	6473.09	133
	Mar 2019	53	0	73	0	73	6468.36	112
	Apr 2019	85	1	71	0	71	6471.54	126
	May 2019	164	1	98	30	129	6478.63	160
	Jun 2019	299	2	102	58	160	6499.70	297
	Jul 2019	178	3	101	28	129	6505.59	342
	Aug 2019	77	2	97	0	97	6502.68	319
	Sep 2019	46	2	71	0	71	6499.09	292
	WY 2019	**1087**	**15**	**967**	**117**	**1084**		

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3044

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

October 2017 24-Month Study

Most Probable Inflow*

Flaming Gorge Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	Oct 2016	70	70	7	85	0	85	128	6025.69	3186	119
H	Nov 2016	73	70	4	77	0	77	128	6025.41	3175	112
I	Dec 2016	35	61	2	106	0	106	126	6024.19	3130	136
S	Jan 2017	49	67	2	110	0	110	124	6023.01	3087	149
T	Feb 2017	106	112	2	109	0	109	124	6023.03	3088	189
O	Mar 2017	400	370	3	256	26	282	128	6025.25	3169	408
R	Apr 2017	350	428	5	268	244	511	124	6022.93	3084	745
I	May 2017	582	580	8	278	171	449	129	6026.15	3203	857
C	Jun 2017	895	705	11	263	223	486	137	6031.41	3404	859
A	Jul 2017	387	374	14	180	48	228	142	6034.61	3531	314
L	Aug 2017	120	174	13	143	0	143	143	6035.05	3548	172
*	Sep 2017	87	93	11	141	0	141	140	6033.63	3491	160
	WY 2017	**3153**	**3104**	**81**	**2016**	**712**	**2728**				**4222**
	Oct 2017	110	98	8	107	0	107	140	6033.24	3476	131
	Nov 2017	85	95	4	142	0	142	138	6032.01	3427	173
	Dec 2017	56	84	2	172	0	172	134	6029.80	3341	197
	Jan 2018	64	97	2	172	0	172	131	6027.86	3267	194
	Feb 2018	64	95	2	156	0	156	129	6026.26	3207	178
	Mar 2018	120	150	3	154	0	154	129	6026.09	3201	219
	Apr 2018	145	172	5	149	0	149	130	6026.56	3218	339
	May 2018	270	245	8	215	0	215	130	6027.14	3240	715
	Jun 2018	410	247	10	271	0	271	129	6026.25	3207	721
	Jul 2018	250	202	13	100	0	100	132	6028.51	3292	175
	Aug 2018	99	109	13	100	0	100	132	6028.43	3289	121
	Sep 2018	62	86	11	97	0	97	131	6027.87	3268	112
	WY 2018	**1735**	**1680**	**80**	**1833**	**0**	**1833**				**3273**
	Oct 2018	64	84	7	100	0	100	131	6027.29	3246	128
	Nov 2018	53	80	3	97	0	97	130	6026.77	3226	126
	Dec 2018	35	75	2	100	0	100	129	6026.10	3201	125
	Jan 2019	40	83	2	100	0	100	128	6025.60	3183	125
	Feb 2019	45	82	2	90	0	90	128	6025.35	3173	118
	Mar 2019	102	122	3	100	0	100	128	6025.85	3192	177
	Apr 2019	134	119	5	97	0	97	129	6026.31	3209	312
	May 2019	245	210	8	160	0	160	131	6027.41	3250	692
	Jun 2019	390	251	10	146	0	146	134	6029.79	3341	566
	Jul 2019	210	162	14	98	0	98	136	6031.02	3388	198
	Aug 2019	89	109	13	98	0	98	136	6030.97	3386	124
	Sep 2019	55	81	11	95	0	95	135	6030.32	3362	114
	WY 2019	**1462**	**1459**	**80**	**1281**	**0**	**1281**				**2804**

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3044

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

October 2017 24-Month Study

Most Probable Inflow*

Taylor Park Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Oct 2016	5	6	9310.23	70
H	Nov 2016	4	5	9309.76	70
I	Dec 2016	5	5	9309.56	69
S	Jan 2017	6	5	9309.76	70
T	Feb 2017	4	5	9309.43	69
O	Mar 2017	6	6	9309.23	69
R	Apr 2017	13	9	9312.04	73
I	May 2017	30	19	9318.55	84
C	Jun 2017	62	45	9327.76	102
A	Jul 2017	24	26	9326.95	100
L	Aug 2017	12	25	9320.31	88
*	Sep 2017	8	18	9314.58	77
	WY 2017	**179**	**173**		
	Oct 2017	7	8	9314.06	77
	Nov 2017	6	6	9313.76	76
	Dec 2017	5	6	9313.16	75
	Jan 2018	5	6	9312.56	74
	Feb 2018	4	6	9311.33	72
	Mar 2018	4	6	9310.09	70
	Apr 2018	8	8	9310.09	70
	May 2018	27	17	9316.11	80
	Jun 2018	42	22	9326.91	100
	Jul 2018	17	22	9324.33	95
	Aug 2018	8	20	9317.82	83
	Sep 2018	7	16	9312.56	74
	WY 2018	**140**	**143**		
	Oct 2018	6	8	9311.61	72
	Nov 2018	5	6	9311.00	71
	Dec 2018	5	6	9310.18	70
	Jan 2019	4	6	9309.13	69
	Feb 2019	4	6	9307.72	66
	Mar 2019	4	6	9306.69	65
	Apr 2019	9	6	9308.49	68
	May 2019	28	20	9313.62	76
	Jun 2019	42	22	9324.59	96
	Jul 2019	20	22	9323.62	94
	Aug 2019	10	20	9318.35	84
	Sep 2019	7	16	9313.34	75
	WY 2019	**145**	**144**		

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

October 2017 24-Month Study

Most Probable Inflow*

Blue Mesa Reservoir

	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Oct 2016	32	33	1	90	0	90	7493.44	608
H	Nov 2016	26	27	0	33	0	33	7492.53	601
I	Dec 2016	26	26	0	35	0	35	7491.43	593
S	Jan 2017	29	28	0	34	0	34	7490.68	587
T	Feb 2017	28	29	0	44	1	44	7488.71	571
O	Mar 2017	70	70	0	69	0	70	7488.71	571
R	Apr 2017	145	140	1	53	0	53	7499.55	658
I	May 2017	244	233	1	151	65	293	7491.98	597
C	Jun 2017	392	373	1	139	35	175	7515.35	793
A	Jul 2017	135	137	2	113	0	110	7518.20	819
L	Aug 2017	84	96	1	111	0	111	7516.38	802
*	Sep 2017	35	45	1	115	0	114	7508.43	732
	WY 2017	**1245**	**1238**	**9**	**987**	**101**	**1163**		
	Oct 2017	40	41	1	75	0	75	7504.35	698
	Nov 2017	35	36	0	71	0	71	7500.07	662
	Dec 2017	29	30	0	117	0	117	7489.16	575
	Jan 2018	28	29	0	75	0	75	7483.05	528
	Feb 2018	24	26	0	37	0	37	7481.56	517
	Mar 2018	36	38	0	38	0	38	7481.51	517
	Apr 2018	69	69	1	50	0	50	7483.92	535
	May 2018	190	180	1	146	0	146	7488.31	568
	Jun 2018	255	235	1	52	0	52	7510.48	750
	Jul 2018	93	98	2	90	0	90	7511.26	757
	Aug 2018	52	64	1	98	0	98	7507.24	722
	Sep 2018	49	58	1	86	0	86	7503.84	693
	WY 2018	**900**	**903**	**9**	**934**	**0**	**934**		
	Oct 2018	46	47	1	60	0	60	7502.25	680
	Nov 2018	34	35	0	59	0	59	7499.38	656
	Dec 2018	26	27	0	107	0	107	7489.32	576
	Jan 2019	24	26	0	83	0	83	7481.78	519
	Feb 2019	22	25	0	32	0	32	7480.71	511
	Mar 2019	36	38	0	35	0	35	7481.06	514
	Apr 2019	77	74	1	45	0	45	7484.93	543
	May 2019	221	213	1	153	0	153	7492.55	601
	Jun 2019	261	241	1	72	0	72	7512.63	769
	Jul 2019	117	119	2	87	0	87	7516.04	799
	Aug 2019	63	73	1	96	0	96	7513.34	775
	Sep 2019	38	47	1	95	0	95	7507.63	725
	WY 2019	**966**	**964**	**9**	**924**	**0**	**924**		

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

October 2017 24-Month Study

Most Probable Inflow*

Morrow Point Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Oct 2016	33	90	1	91	93	0	93	7146.55	106
H	Nov 2016	28	33	2	36	32	0	35	7147.39	107
I	Dec 2016	27	35	1	36	34	0	34	7150.44	109
S	Jan 2017	30	34	2	36	33	0	33	7153.75	112
T	Feb 2017	29	44	1	45	55	0	55	7140.48	102
O	Mar 2017	74	70	5	74	64	0	68	7148.96	108
R	Apr 2017	157	53	12	66	65	0	65	7149.64	109
I	May 2017	263	293	19	312	203	0	312	7149.70	109
C	Jun 2017	411	175	19	195	184	0	193	7151.34	110
A	Jul 2017	139	110	4	114	37	0	111	7155.13	113
L	Aug 2017	86	111	2	113	0	0	115	7152.68	111
*	Sep 2017	35	114	0	115	92	0	112	7155.62	114
	WY 2017	**1314**	**1163**	**69**	**1232**	**893**	**0**	**1226**		
	Oct 2017	42	75	2	77	79	0	79	7153.73	112
	Nov 2017	36	71	1	72	72	0	72	7153.73	112
	Dec 2017	30	117	1	118	118	0	118	7153.73	112
	Jan 2018	31	75	3	78	78	0	78	7153.73	112
	Feb 2018	26	37	2	39	39	0	39	7153.73	112
	Mar 2018	40	38	4	42	42	0	42	7153.73	112
	Apr 2018	79	50	10	60	60	0	60	7153.73	112
	May 2018	210	146	20	166	166	0	166	7153.73	112
	Jun 2018	275	52	20	72	72	0	72	7153.73	112
	Jul 2018	99	90	6	96	96	0	96	7153.73	112
	Aug 2018	55	98	3	101	101	0	101	7153.73	112
	Sep 2018	52	86	3	89	89	0	89	7153.73	112
	WY 2018	**975**	**934**	**75**	**1009**	**1010**	**0**	**1010**		
	Oct 2018	48	60	3	63	63	0	63	7153.73	112
	Nov 2018	36	59	2	61	61	0	61	7153.73	112
	Dec 2018	28	107	2	109	109	0	109	7153.73	112
	Jan 2019	27	83	2	85	85	0	85	7153.73	112
	Feb 2019	25	32	3	35	35	0	35	7153.73	112
	Mar 2019	40	35	4	39	39	0	39	7153.73	112
	Apr 2019	88	45	11	56	56	0	56	7153.73	112
	May 2019	247	153	26	179	179	0	179	7153.73	112
	Jun 2019	281	72	20	92	92	0	92	7153.73	112
	Jul 2019	123	87	6	93	93	0	93	7153.73	112
	Aug 2019	67	96	3	99	99	0	99	7153.73	112
	Sep 2019	41	95	3	98	98	0	98	7153.73	112
	WY 2019	**1051**	**924**	**85**	**1009**	**1009**	**0**	**1009**		

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3044

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

October 2017 24-Month Study

Most Probable Inflow*

Crystal Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
*	Oct 2016	37	93	4	97	97	0	97	6747.92	15	57	39
H	Nov 2016	31	35	3	38	37	0	37	6750.47	16	1	36
I	Dec 2016	31	34	4	38	36	1	37	6751.45	17	0	37
S	Jan 2017	35	33	4	37	36	2	37	6750.29	16	1	37
T	Feb 2017	34	55	4	59	56	4	60	6749.56	16	0	60
O	Mar 2017	81	68	6	74	0	73	73	6752.06	17	8	67
R	Apr 2017	167	65	10	75	31	44	75	6751.65	17	39	38
I	May 2017	285	312	22	334	86	73	331	6759.83	19	62	270
C	Jun 2017	446	193	36	229	44	127	231	6751.78	17	61	172
A	Jul 2017	148	111	8	119	96	25	121	6746.24	15	63	60
L	Aug 2017	89	115	3	119	119	0	119	6744.79	15	62	58
*	Sep 2017	39	112	4	116	115	0	115	6748.63	16	59	56
	WY 2017	**1423**	**1226**	**109**	**1335**	**751**	**350**	**1334**			**413**	**929**
	Oct 2017	45	79	3	82	80	0	80	6753.04	17	30	50
	Nov 2017	38	72	2	74	74	0	74	6753.04	17	0	74
	Dec 2017	32	118	2	120	120	0	120	6753.04	17	0	120
	Jan 2018	37	78	6	84	84	0	84	6753.04	17	0	84
	Feb 2018	30	39	4	43	43	0	43	6753.04	17	0	43
	Mar 2018	46	42	6	48	48	0	48	6753.04	17	5	43
	Apr 2018	90	60	11	71	71	0	71	6753.04	17	30	41
	May 2018	240	166	30	196	134	61	196	6753.04	17	55	141
	Jun 2018	310	72	35	107	107	0	107	6753.04	17	60	47
	Jul 2018	111	96	12	108	108	0	108	6753.04	17	65	43
	Aug 2018	62	101	7	108	108	0	108	6753.04	17	65	43
	Sep 2018	59	89	7	96	96	0	96	6753.04	17	55	41
	WY 2018	**1100**	**1010**	**125**	**1135**	**1073**	**61**	**1134**			**365**	**769**
	Oct 2018	55	63	7	69	69	0	69	6753.04	17	30	39
	Nov 2018	41	61	5	66	66	0	66	6753.04	17	0	66
	Dec 2018	32	109	5	114	114	0	114	6753.04	17	0	114
	Jan 2019	31	85	5	90	90	0	90	6753.04	17	0	90
	Feb 2019	29	35	4	39	39	0	39	6753.04	17	0	39
	Mar 2019	46	39	6	45	45	0	45	6753.04	17	5	40
	Apr 2019	101	56	12	68	68	0	68	6753.04	17	30	38
	May 2019	281	179	34	213	134	79	213	6753.04	17	55	158
	Jun 2019	315	92	34	126	126	0	126	6753.04	17	60	66
	Jul 2019	138	93	14	108	108	0	108	6753.04	17	65	43
	Aug 2019	75	99	8	108	108	0	108	6753.04	17	65	43
	Sep 2019	47	98	6	104	104	0	104	6753.04	17	55	49
	WY 2019	**1191**	**1009**	**140**	**1149**	**1070**	**79**	**1149**			**365**	**784**

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

October 2017 24-Month Study

Most Probable Inflow*

Vallecito Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Oct 2016	11	8	7644.63	74
H	Nov 2016	6	2	7646.51	79
I	Dec 2016	6	2	7647.98	82
S	Jan 2017	7	5	7648.89	84
T	Feb 2017	7	15	7645.42	76
O	Mar 2017	24	24	7645.75	77
R	Apr 2017	45	35	7649.82	87
I	May 2017	67	44	7658.86	109
C	Jun 2017	72	57	7664.54	124
A	Jul 2017	30	39	7660.94	115
L	Aug 2017	19	33	7655.15	100
*	Sep 2017	9	34	7644.31	74
	WY 2017	**303**	**297**		
	Oct 2017	10	20	7639.51	63
	Nov 2017	8	2	7642.34	69
	Dec 2017	6	2	7644.18	73
	Jan 2018	5	2	7645.55	77
	Feb 2018	4	2	7646.52	79
	Mar 2018	6	2	7648.21	83
	Apr 2018	15	2	7653.54	96
	May 2018	57	31	7663.40	121
	Jun 2018	70	67	7664.37	124
	Jul 2018	27	42	7658.65	109
	Aug 2018	17	38	7650.14	87
	Sep 2018	15	30	7643.70	72
	WY 2018	**240**	**238**		
	Oct 2018	14	17	7642.24	69
	Nov 2018	8	2	7645.14	76
	Dec 2018	6	2	7647.06	80
	Jan 2019	5	2	7648.54	83
	Feb 2019	5	2	7649.78	86
	Mar 2019	9	2	7652.49	93
	Apr 2019	23	2	7660.81	114
	May 2019	71	61	7664.53	124
	Jun 2019	70	70	7664.40	124
	Jul 2019	29	42	7659.41	111
	Aug 2019	20	38	7652.10	92
	Sep 2019	17	29	7647.19	80
	WY 2019	**279**	**267**		

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Managing Water in the West

October 2017 24-Month Study

Most Probable Inflow*

Navajo Reservoir

	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azetea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Farmington Flow (1000 Ac-Ft)
*	Oct 2016	27	0	24	2	5	27	6056.19	1300	46
H	Nov 2016	24	0	19	1	0	22	6055.87	1296	43
I	Dec 2016	25	0	22	1	0	21	6055.92	1297	40
S	Jan 2017	34	0	32	1	0	22	6056.65	1306	39
T	Feb 2017	56	1	62	1	1	27	6059.31	1339	48
O	Mar 2017	176	17	159	2	6	30	6068.54	1460	89
R	Apr 2017	235	33	193	3	19	33	6078.18	1598	137
I	May 2017	261	45	195	4	25	228	6073.94	1536	315
C	Jun 2017	231	46	166	5	40	259	6063.90	1398	458
A	Jul 2017	49	11	48	4	43	38	6061.00	1361	93
L	Aug 2017	30	5	38	4	35	36	6058.07	1323	54
*	Sep 2017	9	2	33	3	23	42	6055.28	1289	47
	WY 2017	**1157**	**160**	**990**	**28**	**198**	**785**			**1409**
	Oct 2017	25	2	33	2	8	25	6055.10	1287	46
	Nov 2017	25	1	18	1	2	21	6054.62	1281	37
	Dec 2017	20	0	16	1	2	22	6053.91	1272	36
	Jan 2018	23	0	20	1	0	22	6053.72	1270	35
	Feb 2018	26	0	24	1	0	19	6054.00	1273	30
	Mar 2018	64	2	57	2	5	22	6056.37	1302	40
	Apr 2018	128	15	100	2	21	21	6060.81	1358	58
	May 2018	240	37	177	4	35	22	6069.55	1474	149
	Jun 2018	205	32	170	5	51	21	6076.11	1567	165
	Jul 2018	44	6	52	5	56	42	6072.57	1516	98
	Aug 2018	33	1	53	4	47	66	6067.96	1452	99
	Sep 2018	32	1	46	3	26	85	6062.87	1385	110
	WY 2018	**865**	**99**	**764**	**29**	**254**	**386**			**901**
	Oct 2018	39	2	40	2	10	31	6062.72	1383	55
	Nov 2018	31	1	23	1	0	30	6062.15	1375	47
	Dec 2018	25	0	20	1	0	31	6061.30	1364	46
	Jan 2019	22	0	18	1	0	31	6060.29	1351	44
	Feb 2019	30	0	27	1	0	28	6060.17	1350	40
	Mar 2019	92	2	83	2	5	22	6064.40	1405	44
	Apr 2019	170	14	134	3	21	21	6071.04	1495	73
	May 2019	277	37	230	4	36	247	6066.92	1438	393
	Jun 2019	224	32	191	4	52	272	6056.37	1302	423
	Jul 2019	66	6	72	4	57	43	6053.79	1271	110
	Aug 2019	45	1	62	3	48	36	6051.73	1246	74
	Sep 2019	43	1	54	3	26	31	6051.20	1240	64
	WY 2019	**1064**	**96**	**957**	**27**	**254**	**821**			**1413**

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

October 2017 24-Month Study

Most Probable Inflow*

Lake Powell

	Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry Gage (1000 Ac-Ft)
*	Oct 2016	381	477	35	601	0	601	3609.48	5068	12678	610
H	Nov 2016	383	389	33	624	126	750	3605.81	5039	12313	754
I	Dec 2016	300	366	26	898	0	898	3600.49	4997	11797	913
S	Jan 2017	359	415	8	880	0	880	3595.86	4962	11359	900
T	Feb 2017	555	565	8	711	0	711	3594.33	4951	11217	720
O	Mar 2017	1112	895	14	722	0	722	3595.91	4963	11364	730
R	Apr 2017	1608	1494	23	623	0	623	3604.14	5026	12149	629
I	May 2017	2377	2321	29	652	0	652	3619.09	5147	13667	658
C	Jun 2017	3115	2680	51	749	0	749	3634.89	5286	15408	763
A	Jul 2017	1073	889	64	850	0	850	3634.69	5284	15385	875
L	Aug 2017	446	495	63	900	0	900	3630.88	5250	14952	931
*	Sep 2017	196	410	57	663	0	663	3628.31	5227	14664	681
	WY 2017	**11905**	**11396**	**409**	**8874**	**126**	**9000**				**9163**
	Oct 2017	510	553	39	667	0	667	3627.03	5215	14522	673
	Nov 2017	490	582	37	630	0	630	3626.31	5209	14443	634
	Dec 2017	380	587	30	740	0	740	3624.76	5196	14274	746
	Jan 2018	360	514	9	860	0	860	3621.71	5169	13946	866
	Feb 2018	390	488	10	750	0	750	3619.34	5149	13694	752
	Mar 2018	590	591	16	780	0	780	3617.53	5134	13504	785
	Apr 2018	860	774	26	683	0	683	3618.11	5139	13564	691
	May 2018	1950	1704	32	700	0	700	3626.50	5211	14464	706
	Jun 2018	2600	2157	52	760	0	760	3637.50	5310	15710	766
	Jul 2018	840	747	65	860	0	860	3636.08	5297	15545	875
	Aug 2018	400	527	63	900	0	900	3632.56	5265	15142	914
	Sep 2018	350	501	58	670	0	670	3630.70	5248	14932	679
	WY 2018	**9720**	**9725**	**436**	**9000**	**0**	**9000**				**9086**
	Oct 2018	464	517	40	640	0	640	3629.36	5236	14781	646
	Nov 2018	450	518	38	640	0	640	3628.03	5224	14634	644
	Dec 2018	363	515	30	720	0	720	3626.06	5207	14416	726
	Jan 2019	361	488	9	860	0	860	3622.81	5179	14063	866
	Feb 2019	393	446	10	750	0	750	3620.09	5155	13772	752
	Mar 2019	665	598	16	800	0	800	3618.17	5139	13570	805
	Apr 2019	1056	872	26	710	0	710	3619.37	5149	13696	718
	May 2019	2343	2232	32	710	0	710	3631.98	5260	15075	716
	Jun 2019	2666	2365	55	750	0	750	3644.33	5375	16520	756
	Jul 2019	1091	989	68	850	0	850	3644.87	5381	16586	865
	Aug 2019	500	582	67	900	0	900	3641.90	5352	16229	914
	Sep 2019	408	521	61	670	0	670	3640.26	5336	16034	679
	WY 2019	**10760**	**10643**	**452**	**9000**	**0**	**9000**				**9086**

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

October 2017 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Glen Release (1000 Ac-Ft)	Side Inflow Glen to Hoover (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Oct 2016	601	78	42	518	8.4	23	517	631	1076.34	9710
H	Nov 2016	750	77	42	751	12.6	16	750	632	1076.55	9727
I	Dec 2016	898	63	36	542	8.8	8	536	655	1080.82	10079
S	Jan 2017	880	128	30	500	8.1	7	494	684	1086.08	10521
T	Feb 2017	711	150	28	488	8.8	7	487	704	1089.78	10838
O	Mar 2017	722	97	32	911	14.8	16	910	696	1088.26	10707
R	Apr 2017	623	92	39	961	16.1	20	960	677	1084.89	10420
I	May 2017	652	39	44	917	14.9	29	915	659	1081.56	10141
C	Jun 2017	749	17	53	864	14.5	29	864	648	1079.52	9971
A	Jul 2017	850	89	66	885	14.4	31	885	646	1079.03	9931
L	Aug 2017	900	94	70	683	11.1	28	683	658	1081.44	10131
*	Sep 2017	663	70	58	600	10.1	21	596	662	1082.05	10182
	WY 2017	**9000**	**994**	**541**	**8620**		**234**	**8596**			
	Oct 2017	667	71	43	616	10.0	27	616	665	1082.64	10231
	Nov 2017	630	65	43	718	12.1	18	718	660	1081.69	10152
	Dec 2017	740	51	37	507	8.2	15	507	674	1084.28	10369
	Jan 2018	860	64	30	618	10.1	12	618	690	1087.18	10615
	Feb 2018	750	72	28	683	12.3	14	683	696	1088.24	10706
	Mar 2018	780	46	31	1049	17.1	21	1049	679	1085.19	10446
	Apr 2018	683	39	39	1059	17.8	23	1059	655	1080.73	10071
	May 2018	700	26	44	964	15.7	27	964	636	1077.22	9782
	Jun 2018	760	10	52	878	14.8	33	878	624	1075.00	9601
	Jul 2018	860	77	65	834	13.6	36	834	624	1075.02	9603
	Aug 2018	900	127	69	735	11.9	34	735	636	1077.19	9780
	Sep 2018	670	110	57	745	12.5	27	745	633	1076.63	9734
	WY 2018	**9000**	**757**	**538**	**9407**		**288**	**9407**			
	Oct 2018	640	71	42	497	8.1	28	497	641	1078.28	9869
	Nov 2018	640	65	42	659	11.1	21	659	640	1078.09	9853
	Dec 2018	720	51	36	581	9.5	14	581	649	1079.68	9984
	Jan 2019	860	64	30	719	11.7	10	719	659	1081.54	10139
	Feb 2019	750	72	28	612	11.0	12	612	669	1083.45	10299
	Mar 2019	800	46	31	1044	17.0	20	1044	654	1080.65	10065
	Apr 2019	710	39	38	1099	18.5	27	1099	629	1075.92	9676
	May 2019	710	26	43	975	15.9	32	975	610	1072.28	9381
	Jun 2019	750	10	51	875	14.7	33	875	598	1069.94	9194
	Jul 2019	850	77	64	836	13.6	36	836	597	1069.84	9187
	Aug 2019	900	127	68	780	12.7	34	780	606	1071.55	9323
	Sep 2019	670	110	56	703	11.8	31	703	605	1071.44	9315
	WY 2019	**9000**	**757**	**527**	**9380**		**296**	**9380**			

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RECLAMATION
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October 2017 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Oct 2016	518	-7	15	640	0	640	10.4	634.86	1482
H	Nov 2016	751	-29	11	574	0	574	9.6	640.09	1620
I	Dec 2016	542	-17	9	482	0	482	7.8	641.31	1653
S	Jan 2017	500	-23	10	408	0	408	6.6	643.47	1712
T	Feb 2017	488	-13	10	486	0	486	8.7	642.70	1690
O	Mar 2017	911	-27	13	844	0	844	13.7	643.70	1718
R	Apr 2017	961	-23	17	955	0	955	16.1	642.45	1684
I	May 2017	917	-13	22	846	0	846	13.8	643.74	1719
C	Jun 2017	864	-6	25	853	0	853	14.3	643.01	1699
A	Jul 2017	885	-5	26	809	0	809	13.2	644.65	1744
L	Aug 2017	683	-8	23	707	0	707	11.5	642.64	1689
*	Sep 2017	600	-11	18	656	0	656	11.0	639.47	1603
	WY 2017	**8620**	**-183**	**199**	**8261**	**0**	**8261**			
	Oct 2017	616	-4	15	662	0	662	10.8	637.00	1538
	Nov 2017	718	-11	11	617	0	617	10.4	640.01	1617
	Dec 2017	507	-10	9	523	0	523	8.5	638.71	1583
	Jan 2018	618	-19	10	507	0	507	8.2	641.80	1666
	Feb 2018	683	-16	10	613	45	657	11.8	641.80	1666
	Mar 2018	1049	-16	13	986	0	986	16.0	643.05	1700
	Apr 2018	1059	-20	17	1024	0	1024	17.2	643.00	1699
	May 2018	964	-13	22	929	0	929	15.1	643.00	1699
	Jun 2018	878	-18	25	862	0	862	14.5	642.00	1671
	Jul 2018	834	-16	25	806	0	806	13.1	641.50	1658
	Aug 2018	735	-12	23	700	0	700	11.4	641.50	1658
	Sep 2018	745	-11	18	756	0	756	12.7	640.01	1617
	WY 2018	**9407**	**-166**	**197**	**8984**	**45**	**9028**			
	Oct 2018	497	-4	15	661	0	661	10.8	633.00	1434
	Nov 2018	659	-11	10	586	0	586	9.8	635.00	1486
	Dec 2018	581	-10	9	465	0	465	7.6	638.71	1583
	Jan 2019	719	-19	10	607	0	607	9.9	641.80	1666
	Feb 2019	612	-16	10	587	0	587	10.6	641.80	1666
	Mar 2019	1044	-16	13	980	0	980	15.9	643.05	1700
	Apr 2019	1099	-20	17	1064	0	1064	17.9	643.00	1699
	May 2019	975	-13	22	940	0	940	15.3	643.00	1699
	Jun 2019	875	-18	25	859	0	859	14.4	642.00	1671
	Jul 2019	836	-16	25	809	0	809	13.2	641.50	1658
	Aug 2019	780	-12	23	745	0	745	12.1	641.50	1658
	Sep 2019	703	-11	18	713	0	713	12.0	640.01	1617
	WY 2019	**9380**	**-166**	**197**	**9016**	**0**	**9016**			

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Managing Water in the West

October 2017 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	Oct 2016	640	36	12	466	7.6	80	133	446.90	559	61	1.0
H	Nov 2016	574	21	9	374	6.3	78	140	446.33	549	97	1.6
I	Dec 2016	482	26	7	271	4.4	86	118	447.64	573	112	1.8
S	Jan 2017	408	33	6	244	4.0	68	126	447.29	567	126	2.1
T	Feb 2017	486	14	8	393	7.1	13	62	448.30	586	160	2.9
O	Mar 2017	844	11	9	687	11.2	24	136	447.83	577	203	3.3
R	Apr 2017	955	13	11	729	12.3	42	160	448.73	594	181	3.0
I	May 2017	846	22	13	634	10.3	44	175	448.31	586	111	1.8
C	Jun 2017	853	0	15	689	11.6	58	79	448.41	588	126	2.1
A	Jul 2017	809	18	17	666	10.8	58	71	448.63	592	131	2.1
L	Aug 2017	707	12	17	570	9.3	58	70	448.28	585	102	1.7
*	Sep 2017	656	17	15	481	8.1	56	134	447.17	564	104	1.7
	WY 2017	**8261**	**223**	**140**	**6204**		**665**	**1406**			**1513**	
	Oct 2017	662	28	12	471	7.7	70	132	447.00	561	69	1.1
	Nov 2017	617	19	9	414	7.0	73	125	447.50	571	102	1.7
	Dec 2017	523	19	7	337	5.5	88	124	446.50	552	109	1.8
	Jan 2018	507	17	6	325	5.3	69	119	446.50	552	138	2.2
	Feb 2018	657	10	8	497	8.9	37	119	446.50	552	160	2.9
	Mar 2018	986	7	9	725	11.8	58	187	446.70	555	198	3.2
	Apr 2018	1024	19	11	722	12.1	80	182	448.70	593	175	2.9
	May 2018	929	15	13	649	10.6	82	187	448.70	593	104	1.7
	Jun 2018	862	15	16	690	11.6	80	78	448.70	593	105	1.8
	Jul 2018	806	26	17	656	10.7	82	78	448.00	580	111	1.8
	Aug 2018	700	25	17	595	9.7	82	29	447.50	571	100	1.6
	Sep 2018	756	20	15	521	8.8	80	151	447.50	570	89	1.5
	WY 2018	**9028**	**220**	**139**	**6601**		**883**	**1512**			**1461**	
	Oct 2018	661	28	12	496	8.1	34	139	447.50	571	74	1.2
	Nov 2018	586	19	9	417	7.0	34	139	447.50	571	116	1.9
	Dec 2018	465	19	7	318	5.2	35	139	446.50	552	131	2.1
	Jan 2019	607	17	6	361	5.9	95	157	446.50	552	138	2.2
	Feb 2019	587	10	8	484	8.7	26	73	446.50	552	160	2.9
	Mar 2019	980	7	9	719	11.7	95	152	446.70	555	198	3.2
	Apr 2019	1064	19	11	747	12.6	93	183	448.70	593	175	2.9
	May 2019	940	15	13	647	10.5	95	188	448.70	593	104	1.7
	Jun 2019	859	15	16	680	11.4	93	73	448.70	593	105	1.8
	Jul 2019	809	26	17	650	10.6	95	73	448.00	580	111	1.8
	Aug 2019	745	25	17	584	9.5	95	73	447.50	571	100	1.6
	Sep 2019	713	20	15	518	8.7	35	157	447.50	570	89	1.5
	WY 2019	**9016**	**220**	**139**	**6622**		**824**	**1548**			**1500**	

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3044

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

October 2017 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Oct 2016	518	8.4	1076.34	9710	90	438.10	1335.0	195.2	87	377.1
H	Nov 2016	751	12.6	1076.55	9727	17	427.42	1072.0	290.6	80	386.7
I	Dec 2016	542	8.8	1080.82	10079	352	438.26	1103.0	207.3	71	382.3
S	Jan 2017	500	8.1	1086.08	10521	442	442.12	857.0	192.4	55	384.9
T	Feb 2017	488	8.8	1089.78	10838	317	446.75	938.0	190.4	58	390.4
O	Mar 2017	911	14.8	1088.26	10707	-131	440.44	1291.1	362.0	79	397.2
R	Apr 2017	961	16.1	1084.89	10420	-287	439.75	1227.0	381.0	76	396.5
I	May 2017	917	14.9	1081.56	10141	-280	434.83	1307.0	360.6	80	393.4
C	Jun 2017	864	14.5	1079.52	9971	-169	433.52	1500.0	335.0	94	387.5
A	Jul 2017	885	14.4	1079.03	9931	-40	432.24	1499.0	341.1	94	385.5
L	Aug 2017	683	11.1	1081.44	10131	200	436.25	1478.1	261.0	93	382.0
*	Sep 2017	600	10.1	1082.05	10182	51	440.10	976.1	230.7	66	384.8
	WY 2017	**8620**							**3347.1**		
	Oct 2017	616	10.0	1082.64	10231	50	435.60	976.1	242.6	66	394.1
	Nov 2017	718	12.1	1081.69	10152	-80	435.00	1085.0	284.8	68	396.5
	Dec 2017	507	8.2	1084.28	10369	217	437.04	826.9	202.9	52	400.0
	Jan 2018	618	10.1	1087.18	10615	246	438.57	924.9	246.7	58	399.0
	Feb 2018	683	12.3	1088.24	10706	91	437.63	1216.0	271.9	75	398.1
	Mar 2018	1049	17.1	1085.19	10446	-260	436.24	1203.1	419.3	75	399.5
	Apr 2018	1059	17.8	1080.73	10071	-375	431.54	1266.0	419.1	80	395.7
	May 2018	964	15.7	1077.22	9782	-289	426.07	1473.1	373.1	95	387.1
	Jun 2018	878	14.8	1075.00	9601	-181	422.99	1544.0	334.2	100	380.7
	Jul 2018	834	13.6	1075.02	9603	2	422.39	1544.0	321.1	100	385.0
	Aug 2018	735	11.9	1077.19	9780	177	423.64	1555.0	280.0	100	381.1
	Sep 2018	745	12.5	1076.63	9734	-46	424.92	1554.0	286.3	100	384.2
	WY 2018	**9407**							**3682.2**		
	Oct 2018	497	8.1	1078.28	9869	135	429.66	1259.0	193.3	81	389.1
	Nov 2018	659	11.1	1078.09	9853	-16	432.67	1260.0	255.5	81	387.8
	Dec 2018	581	9.5	1079.68	9984	131	432.21	1164.0	224.9	74	387.1
	Jan 2019	719	11.7	1081.54	10139	155	433.54	901.1	285.5	57	397.3
	Feb 2019	612	11.0	1083.45	10299	160	434.97	824.0	243.5	52	397.8
	Mar 2019	1044	17.0	1080.65	10065	-234	430.20	1392.7	406.7	88	389.6
	Apr 2019	1099	18.5	1075.92	9676	-389	426.18	1353.5	429.3	87	390.6
	May 2019	975	15.9	1072.28	9381	-294	420.67	1534.2	372.3	100	381.8
	Jun 2019	875	14.7	1069.94	9194	-187	418.04	1521.2	329.0	100	376.0
	Jul 2019	836	13.6	1069.84	9187	-8	417.32	1520.7	318.2	100	380.4
	Aug 2019	780	12.7	1071.55	9323	137	418.28	1530.4	295.4	100	378.7
	Sep 2019	703	11.8	1071.44	9315	-9	419.56	1529.9	264.9	100	377.0
	WY 2019	**9380**							**3618.5**		

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

October 2017 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Oct 2016	640	10.4	634.86	1482	-144	135.70	201.5	79.3	79	123.8
H	Nov 2016	574	9.6	640.09	1620	138	140.91	170.9	71.1	67	123.8
I	Dec 2016	482	7.8	641.31	1653	33	138.48	168.3	61.4	66	127.3
S	Jan 2017	408	6.6	643.47	1712	59	143.95	164.5	54.6	65	133.8
T	Feb 2017	486	8.7	642.70	1690	-21	141.54	162.1	63.8	64	131.4
O	Mar 2017	844	13.7	643.70	1718	28	141.08	194.1	109.6	76	129.9
R	Apr 2017	955	16.1	642.45	1684	-34	138.31	204.0	131.0	80	137.2
I	May 2017	846	13.8	643.74	1719	35	142.74	232.0	108.4	91	128.1
C	Jun 2017	853	14.3	643.01	1699	-20	141.59	255.0	107.4	100	126.0
A	Jul 2017	809	13.2	644.65	1744	45	143.65	255.0	101.5	100	125.5
L	Aug 2017	707	11.5	642.64	1689	-55	143.10	255.0	89.9	100	127.1
*	Sep 2017	656	11.0	639.47	1603	-86	138.07	253.3	83.2	99	126.8
	WY 2017	**8261**							**1061.4**		
	Oct 2017	662	10.8	637.00	1538	-65	133.30	179.3	81.0	70	122.4
	Nov 2017	617	10.4	640.01	1617	80	134.57	151.3	75.8	59	122.8
	Dec 2017	523	8.5	638.71	1583	-34	136.19	131.6	64.9	52	124.3
	Jan 2018	507	8.2	641.80	1666	83	135.41	179.3	63.4	70	125.2
	Feb 2018	613	11.0	641.80	1666	0	139.21	111.1	76.9	44	125.5
	Mar 2018	986	16.0	643.05	1700	34	138.04	166.2	122.7	65	124.4
	Apr 2018	1024	17.2	643.00	1699	-1	137.36	207.4	127.6	81	124.6
	May 2018	929	15.1	643.00	1699	0	137.43	204.0	116.4	80	125.2
	Jun 2018	862	14.5	642.00	1671	-27	135.51	255.0	107.8	100	125.0
	Jul 2018	806	13.1	641.50	1658	-14	134.73	255.0	100.6	100	124.8
	Aug 2018	700	11.4	641.50	1658	0	134.46	255.0	87.6	100	125.1
	Sep 2018	756	12.7	640.01	1617	-40	133.68	255.0	93.8	100	124.0
	WY 2018	**8984**							**1118.4**		
	Oct 2018	661	10.8	633.00	1434	-183	130.74	202.3	79.9	79	120.9
	Nov 2018	586	9.8	635.00	1486	51	129.19	170.0	69.7	67	118.9
	Dec 2018	465	7.6	638.71	1583	97	132.25	167.8	56.9	66	122.4
	Jan 2019	607	9.9	641.80	1666	83	135.41	179.3	75.6	70	124.6
	Feb 2019	587	10.6	641.80	1666	0	139.42	111.1	73.7	44	125.7
	Mar 2019	980	15.9	643.05	1700	34	138.04	166.2	122.0	65	124.5
	Apr 2019	1064	17.9	643.00	1699	-1	137.36	207.4	132.4	81	124.4
	May 2019	940	15.3	643.00	1699	0	137.43	204.0	117.7	80	125.2
	Jun 2019	859	14.4	642.00	1671	-27	135.51	255.0	107.4	100	125.0
	Jul 2019	809	13.2	641.50	1658	-14	134.73	255.0	100.9	100	124.7
	Aug 2019	745	12.1	641.50	1658	0	134.46	255.0	93.0	100	124.9
	Sep 2019	713	12.0	640.01	1617	-40	133.68	255.0	88.6	100	124.2
	WY 2019	**9016**							**1117.8**		

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

October 2017 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Oct 2016	466	7.6	446.90	559	-20	78.88	93.6	32.8	78	70.5
H	Nov 2016	374	6.3	446.33	549	-11	80.55	90.0	26.0	75	69.6
I	Dec 2016	271	4.4	447.64	573	24	83.20	117.6	17.9	98	65.9
S	Jan 2017	244	4.0	447.29	567	-6	81.95	93.9	16.2	78	66.5
T	Feb 2017	393	7.1	448.30	586	19	82.67	90.0	27.9	75	71.0
O	Mar 2017	687	11.2	447.83	577	-9	79.98	90.0	48.8	75	71.1
R	Apr 2017	729	12.3	448.73	594	17	80.51	120.0	51.3	100	70.3
I	May 2017	634	10.3	448.31	586	-8	82.36	120.0	44.8	100	70.6
C	Jun 2017	689	11.6	448.41	588	2	80.56	120.0	48.1	100	69.9
A	Jul 2017	666	10.8	448.63	592	4	82.74	120.0	46.5	100	69.9
L	Aug 2017	570	9.3	448.28	585	-7	82.37	120.0	39.9	100	70.0
*	Sep 2017	481	8.1	447.17	564	-21	81.08	120.0	33.8	100	70.2
	WY 2017	**6204**							**434.1**		
	Oct 2017	471	7.7	447.00	561	-3	75.74	92.9	30.9	77	65.5
	Nov 2017	414	7.0	447.50	571	9	76.05	90.0	27.1	75	65.5
	Dec 2017	337	5.5	446.50	552	-19	75.66	92.9	21.6	77	64.3
	Jan 2018	325	5.3	446.50	552	0	74.04	117.1	20.4	98	62.9
	Feb 2018	497	8.9	446.50	552	0	75.21	92.1	32.6	77	65.6
	Mar 2018	725	11.8	446.70	555	4	74.69	104.5	47.6	87	65.6
	Apr 2018	722	12.1	448.70	593	38	75.08	120.0	47.6	100	65.9
	May 2018	649	10.6	448.70	593	0	76.05	120.0	43.1	100	66.3
	Jun 2018	690	11.6	448.70	593	0	76.05	120.0	45.9	100	66.5
	Jul 2018	656	10.7	448.00	580	-13	75.71	120.0	43.3	100	66.1
	Aug 2018	595	9.7	447.50	571	-9	75.13	120.0	38.9	100	65.4
	Sep 2018	521	8.8	447.50	570	0	74.89	120.0	33.9	100	65.0
	WY 2018	**6601**							**432.9**		
	Oct 2018	496	8.1	447.50	571	0	76.19	91.9	32.8	77	66.0
	Nov 2018	417	7.0	447.50	571	0	75.83	99.0	27.2	83	65.2
	Dec 2018	318	5.2	446.50	552	-19	74.40	120.0	20.0	100	63.1
	Jan 2019	361	5.9	446.50	552	0	75.02	95.8	23.2	80	64.1
	Feb 2019	484	8.7	446.50	552	0	75.21	92.1	31.7	77	65.5
	Mar 2019	719	11.7	446.70	555	4	74.34	112.3	47.0	94	65.3
	Apr 2019	747	12.6	448.70	593	38	75.08	120.0	49.2	100	65.9
	May 2019	647	10.5	448.70	593	0	76.05	120.0	42.9	100	66.3
	Jun 2019	680	11.4	448.70	593	0	76.05	120.0	45.2	100	66.5
	Jul 2019	650	10.6	448.00	580	-13	75.71	120.0	42.9	100	66.1
	Aug 2019	584	9.5	447.50	571	-9	75.13	120.0	38.2	100	65.4
	Sep 2019	518	8.7	447.50	570	0	74.89	120.0	33.7	100	65.0
	WY 2019	**6622**							**434.0**		

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

October 2017 24-Month Study

Most Probable Inflow*

Upper Basin Power

	Date	Glen Canyon 1000 MWHR	Flaming Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Reservoir 1000 MWHR	Fontenelle Reservoir 1000 MWHR
*	Oct 2016	269	33	26	33	19	0
H	Nov 2016	277	30	9	11	6	0
I	Dec 2016	395	41	10	11	6	0
S	Jan 2017	385	43	10	11	5	0
T	Feb 2017	307	43	13	19	10	0
O	Mar 2017	312	97	19	22	0	0
	Winter 2017	**1945**	**289**	**87**	**107**	**46**	**0**
R	Apr 2017	270	102	15	22	6	0
I	May 2017	291	105	43	72	17	4
C	Jun 2017	346	102	40	66	8	6
A	Jul 2017	399	71	35	13	18	8
L	Aug 2017	421	56	34	0	22	9
*	Sep 2017	306	56	35	33	22	6
	Summer 2017	**2033**	**492**	**202**	**207**	**93**	**33**
	Oct 2017	279	39	23	28	14	7
	Nov 2017	264	52	22	26	13	7
	Dec 2017	309	63	35	42	21	7
	Jan 2018	357	63	22	28	15	6
	Feb 2018	310	57	11	14	7	6
	Mar 2018	321	56	11	15	8	7
	Winter 2018	**1839**	**331**	**123**	**154**	**77**	**39**
	Apr 2018	281	54	15	22	12	6
	May 2018	290	78	42	60	23	6
	Jun 2018	321	99	16	26	18	8
	Jul 2018	366	37	28	34	19	10
	Aug 2018	381	37	30	36	19	9
	Sep 2018	282	35	26	32	17	7
	Summer 2018	**1921**	**340**	**157**	**210**	**108**	**46**
	Oct 2018	269	37	18	23	12	7
	Nov 2018	268	35	18	22	11	6
	Dec 2018	301	36	32	39	20	6
	Jan 2019	358	36	24	31	16	6
	Feb 2019	310	33	9	13	7	5
	Mar 2019	330	36	10	14	8	5
	Winter 2019	**1835**	**214**	**111**	**141**	**73**	**34**
	Apr 2019	292	35	13	20	12	5
	May 2019	296	58	45	65	23	7
	Jun 2019	320	53	22	33	22	8
	Jul 2019	367	36	27	34	19	10
	Aug 2019	388	36	30	36	19	9
	Sep 2019	287	35	30	35	18	7
	Summer 2019	**1663**	**219**	**137**	**187**	**94**	**39**

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

October 2017 24-Month Study

Most Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions

Date	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Total KAF	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****CREDITABLE SPACE****										
Oct 2017	339	97	407	9658	10501	17195	27696	339	97	407	843	9658	17195	27696	3040	616	0	32.8
Nov 2017	343	132	409	9800	10684	17146	27830	343	132	409	885	9800	17146	27830	3810	718	0	32.6
Dec 2017	403	168	415	9879	10864	17225	28090	403	168	415	986	9879	17225	28090	4580	507	0	32.4
Jan 2018	517	255	424	10048	11243	17008	28251	517	255	424	1196	10048	17008	28251	5350	618	0	32.2
								****EFFECTIVE SPACE****										
Jan 2018	517	255	424	10048	11243	17008	28251	107	207	424	738	10048	17008	27794	5350	618	0	32.3
Feb 2018	625	301	426	10376	11729	16762	28491	215	255	426	896	10376	16762	28034	1500	683	0	32.0
Mar 2018	717	312	423	10628	12080	16671	28751	307	267	423	997	10628	16671	28296	1500	1049	0	31.6
Apr 2018	754	312	394	10818	12279	16931	29209	340	269	393	1002	10818	16931	28752	1500	1059	0	31.4
May 2018	764	295	338	10758	12155	17306	29460	344	251	314	909	10758	17306	28973	1500	964	0	32.2
Jun 2018	718	261	222	9858	11059	17595	28654	289	206	159	654	9858	17595	28107	1500	878	0	33.6
Jul 2018	590	80	129	8612	9411	17776	27187	150	3	10	163	8612	17776	26552	1500	834	0	33.5
								****CREDITABLE SPACE****										
Aug 2018	460	73	180	8777	9489	17774	27263	460	73	180	712	8777	17774	27263	1500	735	0	33.2
Sep 2018	476	107	244	9180	10007	17597	27604	476	107	244	827	9180	17597	27604	2270	745	0	32.7
Oct 2018	522	136	311	9390	10360	17643	28003	522	136	311	970	9390	17643	28003	3040	497	0	32.4
Nov 2018	566	150	313	9541	10569	17508	28077	566	150	313	1029	9541	17508	28077	3810	659	0	32.3
Dec 2018	613	173	321	9688	10795	17524	28319	613	173	321	1107	9688	17524	28319	4580	581	0	32.1
Jan 2019	679	253	332	9906	11170	17393	28563	679	253	332	1264	9906	17393	28563	5350	719	0	31.8
								****EFFECTIVE SPACE****										
Jan 2019	679	253	332	9906	11170	17393	28563	375	252	95	722	9906	17393	28021	5350	719	0	31.8
Feb 2019	740	310	345	10259	11655	17238	28893	435	310	107	852	10259	17238	28349	1500	612	0	31.7
Mar 2019	788	318	346	10550	12002	17078	29081	480	318	108	906	10550	17078	28534	1500	1044	0	31.3
Apr 2019	790	316	291	10752	12149	17312	29461	478	316	46	839	10752	17312	28903	1500	1099	0	31.2
May 2019	759	287	201	10626	11873	17701	29574	441	287	-68	660	10626	17701	28987	1500	975	0	32.4
Jun 2019	684	228	258	9247	10417	17996	28413	356	219	-51	524	9247	17996	27766	1500	875	0	33.9
Jul 2019	457	61	394	7802	8713	18183	26895	112	30	29	171	7802	18183	26155	1500	836	0	34.0
								****CREDITABLE SPACE****										
Aug 2019	363	30	425	7736	8555	18190	26745	363	30	425	819	7736	18190	26745	1500	780	0	33.7
Sep 2019	388	54	450	8093	8986	18054	27040	388	54	450	892	8093	18054	27040	2270	703	0	33.4

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3044

Processed On: 10/12/2017 1:03:57PM

November 24-Month Study
Date: November 14, 2017

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

Reservoir	October Inflow (unregulated) (acre-feet)	Percent of Average (%)	November 13, Midnight Elevation (feet)	November 13, Midnight Reservoir Storage (acre-feet)
Fontenelle	73,000	150	6,492.85	247,000
Flaming Gorge	88,000	149	6,033.03	3,467,000
Blue Mesa	37,000	96	7,500.29	664,000
Navajo	38,000	82	6,055.50	1,292,000
Powell	449,000	88	3,626.27	14,439,000

Expected Operations

The operation of Lake Powell and Lake Mead in this November 2017 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines) and reflects the 2017 Annual Operating Plan (AOP) and draft 2018 AOP. Pursuant to the Interim Guidelines, the August 2017 24-Month Study projections of the January 1, 2018, system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2018.

Consistent with Section 6.B of the Interim Guidelines, the Lake Powell operational tier for water year 2018 will be governed by the Upper Elevation Balancing Tier, with an initial water year release volume of 8.23 million acre-feet (maf) and the potential for an April adjustment to equalization or balancing releases in April 2018. This November 2017 24-Month Study indicates that, consistent with Section 6.B.4 of the Interim Guidelines, an April adjustment to balancing releases is projected to occur and Lake Powell is projected to release 9.0 maf in water year 2018.

Consistent with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar years 2017 and 2018.

The 2018 operational tier determinations will be documented in the 2018 AOP, which is currently in the final stages of development.

The Interim Guidelines are available for download at:
http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf
The 2017 AOP is available for download at:
http://www.usbr.gov/lc/region/g4000/aop/AOP17.pdf
The draft 2018 AOP is available for download at:
https://www.usbr.gov/lc/region/g4000/AOP2018/AOP18_draft.pdf

Fontenelle Reservoir – Fontenelle Reservoir is currently at elevation 6493.5 feet above sea level (feet), which amounts to 73 percent of live storage capacity. Inflows for the month of October totaled 73,000 acre-feet (af), or 150 percent of average. Above average inflows are forecasted over the next few months and releases have been adjusted in order to meet the spring elevation target. Releases have been increased to base flow levels of 1,300 cubic feet per second (cfs) and are forecasted to remain at this level through the winter, subject to hydrology.

The Colorado Basin River Forecast Center has forecasted spring inflows that are above average. November, December, and January forecasted inflow volumes amount to 60,000 af (143 percent of average), 46,000 af (144 percent of average), and 45,000 af (148 percent of average), respectively.

The next Fontenelle Working Group meeting is scheduled for 10:00 a.m., April 17, 2018. The meeting will be held at Seedskadee Wildlife Refuge Headquarters, Wyoming. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir.

Flaming Gorge Reservoir – Releases have been steady 1,500 cfs with one generating unit available, and are increasing to steady 2,800 cfs with two generating units available.

Unregulated inflow into Flaming Gorge Reservoir during the month of October was 88,000 af, or 149 percent of average. The reservoir elevation is 6,033.17 feet (93 percent of live capacity) and decreasing. The observed April-July unregulated inflow volume into Flaming Gorge Reservoir was 2.214 maf (226 percent of average). This is the second highest inflow volume into Flaming Gorge with the record volume inflow in 1986 at 2.26 maf (232 percent of average). March 2017 was approximately 400 percent of average and the March-July volume sets a historic inflow volume for Flaming Gorge.

The November final forecast for inflows for the next three months projects above average conditions: November, December and January forecasted inflow volumes at 77,000 af (151 percent of average), 52,000 af (149 percent of average), and 60,000 af (149 percent of average), respectively.

The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stakeholders of Flaming Gorge Dam. The public is

encouraged to attend and comment on the operations and plans presented by Reclamation at these meetings. Meeting notes from past Working Group meetings are posted on the Working Group webpage. For more information on this group and these meetings please contact Dale Hamilton at 801-379-1186 or Heather Patno at 801-524-3883.

Reclamation will be holding the next Flaming Gorge Working Group meeting on Thursday, March 8, 2018, at 7:00 p.m. at the Lighthouse Learning Center High School (gymnasium), 251 West 400 North, Price, Utah, and the next on April 19, 2018, at 11:00 a.m. at the UDWR offices 318 North Vernal Ave, Vernal, Utah.

Aspinall Unit Reservoirs – Releases from Crystal Dam are approximately 750 cfs. Uncompahgre Valley Water Users Association shut down the Gunnison Tunnel on November 1, 2017 so all releases from Crystal are now flowing through the Black Canyon. Blue Mesa Reservoir elevation is 7500. 29 feet which corresponds to a storage content 663,700 acre-feet (80 percent of full capacity). Releases from Crystal will remain at the current level to the end of November. In December, releases will be increased to approximately 1,700 cfs for power production during the winter high power demand period.

The October unregulated inflow to Blue Mesa Reservoir was 33,773 af (97 percent of average). The April through July unregulated inflow for 2017 was 919,000 af (135 percent of average). Unregulated Inflows to Blue Mesa for the next three months (November, December and January) are projected to be: 35,000 af (113 percent of average), 30,000 af (115 percent of average) and 26,000 af (108 percent of average), respectively. For water year 2018, the unregulated inflow volume is forecasted to be 836,000 af (88 percent of average) with 570,000 af (84 percent of average) forecasted unregulated inflow during the April through July period. The November 24-Month Study is reflective of this new forecast.

The Aspinall Unit Working Group is an open public forum for information exchange between Reclamation and the stakeholders of the Aspinall Unit. The public is encouraged to attend and comments on the operations and plans presented by Reclamation at these meetings. Meeting notes from past working Group meetings are posted on the Working Group webpage. For more information on this group and these meetings please contact Erik Knight in the Grand Junction Area Office at (970) 248-0629.

Meeting notes from past working Group meetings are posted on the Working Group webpage at:

https://www.usbr.gov/uc/wcao/water/rsvrs/mtgs/amcurrnt.html

The next meeting of the Aspinall Unit Working Group will be held on Thursday, January 18th, 2018 at 1:00 p.m. at the Holiday Inn Express located in Montrose, Colorado.

Navajo Reservoir – As of November 1st, the daily average release at Navajo is 500 cfs, and the observed inflow is 309 cfs. The reservoir elevation is 6055.85 feet (1,295,913 af), and is 76 percent full (61 percent of active storage). The San Juan River at Four Corners USGS gage is at 665 cfs. The Animas River at Farmington USGS gage is at 246 cfs. Releases are made for the authorized purposes of the Navajo Unit, and pursuant to the 2006 Record of Decision, in an attempt to maintain a target base flow through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell). The San Juan River Basin Recovery Implementation Program (SJRIP) recommends a target base flow of between 500 cfs and 1,000 cfs through the critical habitat area. The target base flow is calculated as the weekly average of gaged flows throughout the critical habitat area.

Modified unregulated inflow into Navajo was 38,403 af, which was 82 percent of average for the month. Navajo reservoir elevation at the end of the water year (September 30th) was 6055.3 feet.

The most probable modified-unregulated inflow forecast for November at Navajo is 28,000 af (84 percent of average), for December is 24,000 af (96 percent of average), and for January is 21,000 af (96 percent of average). Releases for the remainder of the year will be made to maintain the target baseflow in the critical habitat reach and will likely range between 400 and 600 cfs.

Reclamation conducts Public Operations Meetings three times per year to gather input for determining upcoming operations for Navajo Reservoir. Input from individuals, organizations, and agencies along with other factors such as weather, water rights, endangered species requirements, flood control, hydro power, recreation, fish and wildlife management, and reservoir levels, will be considered in the development of these reservoir operation plans. In addition, the meetings are used to coordinate activities and exchange information among agencies, water users, and other interested parties concerning the San Juan River and Navajo Reservoir.

The next Navajo Public Operations Coordination Meeting is scheduled for January 23rd, 2018, at 1p.m. at the Farmington Civic Center, Farmington, NM.

Glen Canyon Dam / Lake Powell

Current Status

High-Flow Experiments (HFE) below Glen Canyon Dam are driven by weather, sediment inputs, and other resource conditions, in accordance with the Glen Canyon Dam Long-Term Experimental and Management Plan Record of Decision (LTEMP). Grand Canyon Monitoring and Research Center (GCMRC) scientists and Reclamation modelers considered cumulative sediment inputs from July 1st through midnight October 9th. Based on these data it has been determined that there is not sufficient sediment to support implementing a high flow experiment (HFE) at Glen Canyon Dam during the fall 2017 planning window; therefore an HFE will not be tested this fall.

The unregulated inflow to Lake Powell in October was 449 thousand acre-feet (kaf) (88 percent of average). The release volume from Glen Canyon Dam in October was 640 kaf. The end of October elevation and storage of Lake Powell were 3,627.09 feet (73 feet below full pool) and 14.53 maf (60 percent of full capacity), respectively. The reservoir elevation is now in its seasonal decline through the fall and winter months until spring runoff starts.

Current Operations

The operating tier for water year 2018 was established in August 2017 as the Upper Elevation Balancing Tier, with an initial water year release volume of 8.23 maf and the potential for an April 2018 adjustment to equalization or balancing releases. Based on the current forecast, an April adjustment to balancing is projected to occur and Lake Powell is currently projected to release 9.0 maf in water year 2018. This projection will be updated each month throughout the water year. Reclamation will schedule operations at Glen Canyon Dam to achieve as practicably as possible the appropriate total annual release volume by September 30, 2018.

In November 2018, the release volume will be approximately 630 kaf, with fluctuations anticipated between about 7,000 cfs in the nighttime to about 12,600 cfs in the daytime and consistent with the revised Glen Canyon Operating Criteria (27-Sep-2017) (https://www.usbr.gov/uc/water/crsp/studies/GCOC.pdf). The anticipated release volume for December is 740 kaf with daily fluctuations between approximately 7,300 cfs and 14,000 cfs. The expected release for January is 860 kaf with daily fluctuations between approximately 9,100 cfs and 16,850 cfs.

In addition to daily scheduled fluctuations for power generation, the instantaneous releases from Glen Canyon Dam may also fluctuate to provide 40 megawatts (mw) of system regulation. These instantaneous release adjustments stabilize the electrical generation and transmission system and translate to a range of about 1,200 cfs above or below the hourly scheduled release rate. Under system normal conditions, fluctuations for regulation are typically short lived and generally balance out over the hour with minimal or no noticeable impacts on downstream river flow conditions.

Releases from Glen Canyon Dam can also fluctuate beyond scheduled releases when called upon to respond to unscheduled power outages or power system emergencies. Depending on the severity of the system emergency, the response from Glen Canyon Dam can be significant, within the full range of the operating capacity of the power plant for as long as is necessary to maintain balance in the transmission system. Glen Canyon Dam currently maintains 27 mw (approximately 800 cfs) of generation capacity in reserve in order to respond to a system emergency even when generation rates are already high. System emergencies occur fairly infrequently and typically require small responses from Glen Canyon Dam. However, these responses can have a noticeable impact on the river downstream of Glen Canyon Dam.

Inflow Forecasts and Model Projections

The forecast for water year 2018 unregulated inflow to Lake Powell, issued on November

1, 2017, by the Colorado Basin River Forecast Center, projects that the most probable (median) unregulated inflow volume next year will be 8.90 maf (82 percent of average). There is significant uncertainty regarding next season's snow pack development and resulting runoff into Lake Powell. The forecast ranges from a minimum probable of 7.0 maf (65 percent of average) to a maximum probable of 17.5 maf (162 percent of average). There is a 10 percent chance that inflows could be higher than the current maximum probable forecast and a 10 percent chance that inflows could be lower than the minimum probable forecast.

Based on the current forecast, the November 24-Month Study projects Lake Powell elevation will end water year 2018 near 3,624 feet with approximately 14.2 maf in storage (58 percent of capacity). Note that projections of elevation and storage for water year 2018 have significant uncertainty at this point in the season. Projections of elevation and storage using the minimum and maximum probable inflow forecast are 3,612 feet (12.9 maf, 53 percent of capacity) and 3,654 feet (17.7 maf, 73 percent of capacity), respectively. Under these scenarios, there is a 10 percent chance that inflows will be higher, resulting in higher elevation and storage, and 10 percent chance that inflows will be lower, resulting in lower elevation and storage. The annual release volume from Lake Powell during water year 2018 is projected to be 9.0 maf under the minimum and most probable inflow scenarios and 13.56 maf under the maximum probable inflow scenario. There is a chance that inflows could be higher or lower, potentially resulting in releases greater than 13.56 maf or as low as 8.23 maf in water year 2018.

Upper Colorado River Basin Hydrology

The Upper Colorado River Basin regularly experiences significant year to year hydrologic variability. During the 18-year period 2000 to 2017, however, the unregulated inflow to Lake Powell, which is a good measure of hydrologic conditions in the Colorado River Basin, was above average in only 4 out of the past 18 years. The period 2000-2017 is the lowest 18-year period since the closure of Glen Canyon Dam in 1963, with an average unregulated inflow of 8.76 maf, or 81 percent of the 30-year average (1981-2010). (For comparison, the 1981-2010 total water year average is 10.83 maf.) The unregulated inflow during the 2000-2017 period has ranged from a low of 2.64 maf (24 percent of average) in water year 2002 to a high of 15.97 maf (147 percent of average) in water year 2011. In water year 2017 unregulated inflow volume to Lake Powell was 11.9 maf (110 percent of average), the fourth year to be above average. Under the current most probable forecast, the total water year 2018 unregulated inflow to Lake Powell is projected to be 8.90 maf (82 percent of average).

At the beginning of water year 2018, total system storage in the Colorado River Basin was 32.9 maf (55 percent of 59.6 maf total system capacity). This is an increase of 2.2 maf over the total storage at the beginning of water year 2016 when total system storage was 30.7 maf (51 percent of capacity). Since the beginning of water year 2000, total Colorado Basin storage has experienced year to year increases and decreases in response to wet and dry hydrology, ranging from a high of 94 percent of capacity at the beginning of 2000 to a low of 50 percent of capacity at the beginning of water year 2005. One wet year can significantly increase total system reservoir storage, just as persistent dry years can draw down the system storage. Based on current inflow forecasts, the current

projected end of water year total Colorado Basin reservoir storage for water year 2018 is approximately 31.42 maf (53 percent of total system capacity). The actual end of water year 2018 system storage may vary from this projection, primarily due to uncertainty regarding this season's runoff and reservoir inflow. Based on the October minimum and maximum probable inflow forecasts and modeling, the range of end of water year 2018 total system capacity is approximately 30.06 maf (50 percent of capacity) to 35.47 maf (59 percent of capacity), respectively.

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-430
125 SOUTH STATE STREET, ROOM 8100
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-3709

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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:			Obs		oct	Forecast		
:	jul	aug	sep	oct	%Avg	nov	dec	jan
GLDA3:Lake Powell	1073	446	196	449	88%:	430/	360/	360/
GBRW4:Fontenelle	332	102	66	73	150%:	60/	46/	45/
GRNU1:Flaming Gorge	387	120	87	88	149%:	77/	52/	60/
BMDC2:Blue Mesa	135	84	35	37	97%:	35/	30/	26/
MPSC2:Morrow Point	139	86	35	38	93%:	35/	30/	26/
CLSC2:Crystal	148	89	39	43	92%:	38/	33/	29/
TPIC2:Taylor Park	24	12.1	7.7	8.4	126%:	6.5/	5.5/	5/
VCRC2:Vallecito	30	18.8	8.6	8.6	55%:	7/	6/	5/
NVRN5:Navajo	49	29	8.9	38	81%:	28/	24/	21/
LEMC2:Lemon	7.0	4.1	1.73	1.31	41%:	1/	1/	0.6/
MPHC2:McPhee	25	15.3	10.0	2.9	33%:	4/	3.5/	4/
RBSC2:Ridgway	26	11.7	5.3	6.3	82%:	5/	4/	3.5/

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

November 2017 24-Month Study

Most Probable Inflow*

Fontenelle Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Nov 2016	62	1	0	59	59	6490.44	230
H	Dec 2016	37	1	0	63	63	6486.33	203
I	Jan 2017	45	1	0	63	63	6483.20	184
S	Feb 2017	51	1	0	57	57	6482.06	178
T	Mar 2017	180	1	0	150	150	6486.90	207
O	Apr 2017	225	1	0	304	304	6472.17	128
R	May 2017	430	1	54	373	427	6472.55	129
I	Jun 2017	732	2	74	469	543	6502.49	317
C	Jul 2017	332	3	88	230	319	6503.83	328
A	Aug 2017	102	2	95	61	156	6496.34	271
L	Sep 2017	66	2	69	4	72	6495.21	263
	WY 2017	**2319**	**15**	**379**	**1890**	**2270**		
*	Oct 2017	73	1	80	0	80	6494.03	255
	Nov 2017	60	1	78	0	78	6491.35	237
	Dec 2017	46	1	80	0	80	6485.96	202
	Jan 2018	45	1	80	0	80	6479.85	166
	Feb 2018	40	0	73	0	73	6473.11	133
	Mar 2018	60	0	80	0	80	6468.27	112
	Apr 2018	90	1	78	0	78	6471.02	124
	May 2018	175	1	99	15	115	6482.78	183
	Jun 2018	315	2	104	49	153	6505.60	342
	Jul 2018	195	3	99	113	212	6503.10	323
	Aug 2018	80	2	73	0	73	6503.76	328
	Sep 2018	49	2	70	0	70	6500.78	305
	WY 2018	**1228**	**15**	**995**	**177**	**1172**		
	Oct 2018	51	1	73	0	73	6497.71	282
	Nov 2018	43	1	70	0	70	6493.81	254
	Dec 2018	32	1	73	0	73	6487.64	213
	Jan 2019	30	1	73	0	73	6480.55	170
	Feb 2019	28	1	66	0	66	6472.84	132
	Mar 2019	53	0	73	0	73	6468.08	111
	Apr 2019	85	1	71	0	71	6471.27	125
	May 2019	164	1	98	31	129	6478.41	158
	Jun 2019	299	2	102	58	160	6499.55	295
	Jul 2019	178	3	101	24	125	6505.95	345
	Aug 2019	77	2	97	0	97	6503.05	322
	Sep 2019	46	2	71	0	71	6499.47	295
	WY 2019	**1085**	**15**	**967**	**113**	**1080**		
	Oct 2019	49	1	70	0	70	6496.37	272

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

November 2017 24-Month Study

Most Probable Inflow*

Flaming Gorge Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	Nov 2016	73	70	4	77	0	77	128	6025.41	3175	112
H	Dec 2016	35	61	2	106	0	106	126	6024.19	3130	136
I	Jan 2017	49	67	2	110	0	110	124	6023.01	3087	149
S	Feb 2017	106	112	2	109	0	109	124	6023.03	3088	189
T	Mar 2017	400	370	3	256	26	282	128	6025.25	3169	408
O	Apr 2017	350	428	5	268	244	511	124	6022.93	3084	745
R	May 2017	582	580	8	278	171	449	129	6026.15	3203	857
I	Jun 2017	895	705	11	263	223	486	137	6031.41	3404	859
C	Jul 2017	387	374	14	180	48	228	142	6034.61	3531	314
A	Aug 2017	120	174	13	143	0	143	143	6035.05	3548	172
L	Sep 2017	87	93	11	141	0	141	140	6033.63	3491	160
	WY 2017	**3153**	**3104**	**81**	**2016**	**712**	**2728**				**4222**
*	Oct 2017	88	95	8	107	0	107	140	6033.17	3473	157
	Nov 2017	77	95	4	129	0	129	138	6032.26	3437	158
	Dec 2017	52	86	2	172	0	172	135	6030.11	3353	197
	Jan 2018	60	95	2	172	0	172	132	6028.14	3278	194
	Feb 2018	60	93	2	156	0	156	129	6026.48	3215	178
	Mar 2018	120	140	3	124	0	124	130	6026.83	3229	185
	Apr 2018	135	123	5	119	0	119	130	6026.81	3228	289
	May 2018	240	180	8	193	0	193	129	6026.27	3208	663
	Jun 2018	385	223	10	215	0	215	129	6026.22	3206	615
	Jul 2018	240	257	13	101	0	101	134	6029.82	3342	176
	Aug 2018	90	83	13	101	0	101	133	6029.03	3312	122
	Sep 2018	61	82	11	98	0	98	132	6028.35	3286	113
	WY 2018	**1608**	**1552**	**80**	**1686**	**0**	**1686**				**3046**
	Oct 2018	63	85	7	101	0	101	131	6027.74	3263	129
	Nov 2018	53	80	3	98	0	98	130	6027.20	3242	128
	Dec 2018	35	75	2	101	0	101	129	6026.48	3215	127
	Jan 2019	40	83	2	101	0	101	129	6025.95	3196	127
	Feb 2019	45	82	2	92	0	92	128	6025.66	3185	120
	Mar 2019	102	122	3	101	0	101	129	6026.12	3202	178
	Apr 2019	134	119	5	98	0	98	129	6026.55	3218	313
	May 2019	245	210	8	161	0	161	131	6027.61	3258	693
	Jun 2019	390	251	10	146	0	146	135	6029.99	3349	566
	Jul 2019	210	158	14	98	0	98	136	6031.12	3392	198
	Aug 2019	89	109	13	98	0	98	136	6031.07	3390	124
	Sep 2019	55	81	11	95	0	95	135	6030.42	3365	114
	WY 2019	**1461**	**1456**	**80**	**1292**	**0**	**1292**				**2816**
	Oct 2019	59	81	7	98	0	98	134	6029.80	3341	131

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

November 2017 24-Month Study

Most Probable Inflow*

Taylor Park Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Nov 2016	4	5	9309.76	70
H	Dec 2016	5	5	9309.56	69
I	Jan 2017	6	5	9309.76	70
S	Feb 2017	4	5	9309.43	69
T	Mar 2017	6	6	9309.23	69
O	Apr 2017	13	9	9312.04	73
R	May 2017	30	19	9318.55	84
I	Jun 2017	62	45	9327.76	102
C	Jul 2017	24	26	9326.95	100
A	Aug 2017	12	25	9320.31	88
L	Sep 2017	8	18	9314.58	77
	WY 2017	**179**	**173**		
*	Oct 2017	8	8	9314.93	78
	Nov 2017	7	6	9315.22	79
	Dec 2017	6	6	9314.93	78
	Jan 2018	5	6	9314.34	77
	Feb 2018	4	6	9313.15	75
	Mar 2018	5	6	9312.24	74
	Apr 2018	7	8	9311.63	73
	May 2018	26	17	9316.96	82
	Jun 2018	38	22	9325.62	98
	Jul 2018	15	22	9321.94	91
	Aug 2018	8	20	9315.22	79
	Sep 2018	7	16	9309.76	70
	WY 2018	**135**	**143**		
	Oct 2018	6	8	9308.77	68
	Nov 2018	5	6	9308.14	67
	Dec 2018	5	6	9307.28	66
	Jan 2019	4	6	9306.19	64
	Feb 2019	4	6	9304.70	62
	Mar 2019	4	6	9303.63	60
	Apr 2019	9	6	9305.52	63
	May 2019	28	20	9310.87	71
	Jun 2019	42	22	9322.20	91
	Jul 2019	20	22	9321.20	89
	Aug 2019	10	20	9315.76	79
	Sep 2019	7	16	9310.57	71
	WY 2019	**145**	**144**		
	Oct 2019	7	8	9309.73	69

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

November 2017 24-Month Study

Most Probable Inflow*

Blue Mesa Reservoir

	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Nov 2016	26	27	0	33	0	33	7492.53	601
H	Dec 2016	26	26	0	35	0	35	7491.43	593
I	Jan 2017	29	28	0	34	0	34	7490.68	587
S	Feb 2017	28	29	0	44	1	44	7488.71	571
T	Mar 2017	70	70	0	69	0	70	7488.71	571
O	Apr 2017	145	140	1	53	0	53	7499.55	658
R	May 2017	244	233	1	151	65	293	7491.98	597
I	Jun 2017	392	373	1	139	35	175	7515.35	793
C	Jul 2017	135	137	2	113	0	110	7518.20	819
A	Aug 2017	84	96	1	111	0	111	7516.38	802
L	Sep 2017	35	45	1	115	0	114	7508.43	732
	WY 2017	**1245**	**1238**	**9**	**987**	**101**	**1163**		
*	Oct 2017	37	37	1	102	0	102	7500.64	667
	Nov 2017	35	35	0	42	0	42	7499.74	659
	Dec 2017	30	31	0	100	0	100	7491.05	590
	Jan 2018	26	27	0	76	0	76	7484.69	541
	Feb 2018	23	25	0	41	0	41	7482.57	525
	Mar 2018	34	36	0	38	0	38	7482.20	522
	Apr 2018	70	71	1	51	0	51	7484.74	541
	May 2018	190	181	1	151	0	151	7488.60	570
	Jun 2018	225	209	1	52	0	52	7507.72	726
	Jul 2018	85	92	2	81	0	81	7508.78	735
	Aug 2018	47	59	1	86	0	86	7505.45	707
	Sep 2018	35	44	1	76	0	76	7501.53	674
	WY 2018	**837**	**845**	**9**	**895**	**0**	**895**		
	Oct 2018	36	38	1	52	0	52	7499.73	659
	Nov 2018	30	31	0	49	0	49	7497.48	641
	Dec 2018	26	27	0	88	0	88	7489.78	580
	Jan 2019	24	26	0	82	0	82	7482.34	523
	Feb 2019	22	25	0	27	0	27	7481.92	520
	Mar 2019	36	38	0	28	0	28	7483.10	529
	Apr 2019	77	74	1	39	0	39	7487.69	564
	May 2019	221	213	1	152	0	152	7495.36	624
	Jun 2019	261	241	1	77	0	77	7514.68	787
	Jul 2019	117	119	2	93	0	93	7517.37	811
	Aug 2019	63	73	1	102	0	102	7514.00	781
	Sep 2019	38	47	1	93	0	93	7508.59	734
	WY 2019	**952**	**951**	**9**	**883**	**0**	**883**		
	Oct 2019	38	40	1	65	0	65	7505.50	707

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

November 2017 24-Month Study

Most Probable Inflow*

Morrow Point Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Nov 2016	28	33	2	36	32	0	35	7147.39	107
H	Dec 2016	27	35	1	36	34	0	34	7150.44	109
I	Jan 2017	30	34	2	36	33	0	33	7153.75	112
S	Feb 2017	29	44	1	45	55	0	55	7140.48	102
T	Mar 2017	74	70	5	74	64	0	68	7148.96	108
O	Apr 2017	157	53	12	66	65	0	65	7149.64	109
R	May 2017	263	293	19	312	203	0	312	7149.70	109
I	Jun 2017	411	175	19	195	184	0	193	7151.34	110
C	Jul 2017	139	110	4	114	37	0	111	7155.13	113
A	Aug 2017	86	111	2	113	0	0	115	7152.68	111
L	Sep 2017	35	114	0	115	92	0	112	7155.62	114
	WY 2017	**1314**	**1163**	**69**	**1232**	**893**	**0**	**1226**		
*	Oct 2017	38	102	1	103	105	0	105	7153.13	112
	Nov 2017	35	42	0	42	41	0	41	7153.73	112
	Dec 2017	30	100	0	100	100	0	100	7153.73	112
	Jan 2018	26	76	0	76	76	0	76	7153.73	112
	Feb 2018	23	41	0	41	41	0	41	7153.73	112
	Mar 2018	39	38	5	43	43	0	43	7153.73	112
	Apr 2018	80	51	10	61	61	0	61	7153.73	112
	May 2018	210	151	20	171	171	0	171	7153.73	112
	Jun 2018	240	52	15	67	67	0	67	7153.73	112
	Jul 2018	90	81	5	86	86	0	86	7153.73	112
	Aug 2018	50	86	3	89	89	0	89	7153.73	112
	Sep 2018	37	76	2	78	78	0	78	7153.73	112
	WY 2018	**898**	**895**	**61**	**956**	**957**	**0**	**957**		
	Oct 2018	38	52	2	54	54	0	54	7153.73	112
	Nov 2018	32	49	2	51	51	0	51	7153.73	112
	Dec 2018	28	88	2	90	90	0	90	7153.73	112
	Jan 2019	27	82	2	84	84	0	84	7153.73	112
	Feb 2019	25	27	3	30	30	0	30	7153.73	112
	Mar 2019	40	28	4	32	32	0	32	7153.73	112
	Apr 2019	88	39	11	50	50	0	50	7153.73	112
	May 2019	247	152	26	178	178	0	178	7153.73	112
	Jun 2019	281	77	20	97	97	0	97	7153.73	112
	Jul 2019	123	93	6	99	99	0	99	7153.73	112
	Aug 2019	67	102	3	106	106	0	106	7153.73	112
	Sep 2019	41	93	3	96	96	0	96	7153.73	112
	WY 2019	**1037**	**883**	**84**	**967**	**967**	**0**	**967**		
	Oct 2019	41	65	3	68	68	0	68	7153.73	112

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Most Probable Inflow*

Crystal Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
*	Nov 2016	31	35	3	38	37	0	37	6750.47	16	1	36
H	Dec 2016	31	34	4	38	36	1	37	6751.45	17	0	37
I	Jan 2017	35	33	4	37	36	2	37	6750.29	16	1	37
S	Feb 2017	34	55	4	59	56	4	60	6749.56	16	0	60
T	Mar 2017	81	68	6	74	0	73	73	6752.06	17	8	67
O	Apr 2017	167	65	10	75	31	44	75	6751.65	17	39	38
R	May 2017	285	312	22	334	86	73	331	6759.83	19	62	270
I	Jun 2017	446	193	36	229	44	127	231	6751.78	17	61	172
C	Jul 2017	148	111	8	119	96	25	121	6746.24	15	63	60
A	Aug 2017	89	115	3	119	119	0	119	6744.79	15	62	58
L	Sep 2017	39	112	4	116	115	0	115	6748.63	16	59	56
	WY 2017	**1423**	**1226**	**109**	**1335**	**751**	**350**	**1334**			**413**	**929**
*	Oct 2017	43	105	5	110	109	0	109	6751.20	16	55	53
	Nov 2017	38	41	3	44	44	0	44	6753.04	17	0	44
	Dec 2017	33	100	3	103	103	0	103	6753.04	17	0	103
	Jan 2018	29	76	3	79	79	0	79	6753.04	17	0	79
	Feb 2018	26	41	3	44	44	0	44	6753.04	17	0	44
	Mar 2018	45	43	6	49	49	0	49	6753.04	17	5	44
	Apr 2018	91	61	11	72	72	0	72	6753.04	17	30	42
	May 2018	240	171	30	201	134	66	201	6753.04	17	55	146
	Jun 2018	270	67	30	97	97	0	97	6753.04	17	60	37
	Jul 2018	99	86	9	95	95	0	95	6753.04	17	65	30
	Aug 2018	56	89	6	95	95	0	95	6753.04	17	65	30
	Sep 2018	43	78	6	84	84	0	84	6753.04	17	55	29
	WY 2018	**1013**	**957**	**115**	**1072**	**1004**	**67**	**1071**			**390**	**680**
	Oct 2018	44	54	6	60	60	0	60	6753.04	17	30	30
	Nov 2018	37	51	5	56	56	0	56	6753.04	17	0	56
	Dec 2018	32	90	5	95	95	0	95	6753.04	17	0	95
	Jan 2019	31	84	5	89	89	0	89	6753.04	17	0	89
	Feb 2019	29	30	4	34	34	0	34	6753.04	17	0	34
	Mar 2019	46	32	6	39	39	0	39	6753.04	17	5	34
	Apr 2019	101	50	12	62	62	0	62	6753.04	17	30	32
	May 2019	281	178	34	212	134	78	212	6753.04	17	55	157
	Jun 2019	315	97	34	130	130	0	130	6753.04	17	60	70
	Jul 2019	138	99	14	114	114	0	114	6753.04	17	65	49
	Aug 2019	75	106	8	114	114	0	114	6753.04	17	65	49
	Sep 2019	47	96	6	102	102	0	102	6753.04	17	55	47
	WY 2019	**1176**	**967**	**140**	**1107**	**1029**	**78**	**1107**			**365**	**742**
	Oct 2019	47	68	6	74	74	0	74	6753.04	17	30	44

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November 2017 24-Month Study

Most Probable Inflow*

Vallecito Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Nov 2016	6	2	7646.51	79
H	Dec 2016	6	2	7647.98	82
I	Jan 2017	7	5	7648.89	84
S	Feb 2017	7	15	7645.42	76
T	Mar 2017	24	24	7645.75	77
O	Apr 2017	45	35	7649.82	87
R	May 2017	67	44	7658.86	109
I	Jun 2017	72	57	7664.54	124
C	Jul 2017	30	39	7660.94	115
A	Aug 2017	19	33	7655.15	100
L	Sep 2017	9	34	7644.31	74
	WY 2017	**303**	**297**		
*	Oct 2017	9	22	7638.22	61
	Nov 2017	7	2	7640.64	66
	Dec 2017	6	2	7642.54	70
	Jan 2018	5	2	7643.95	73
	Feb 2018	4	2	7644.93	75
	Mar 2018	6	2	7646.67	79
	Apr 2018	16	2	7652.49	93
	May 2018	55	31	7661.69	117
	Jun 2018	60	52	7664.42	124
	Jul 2018	23	42	7657.17	105
	Aug 2018	15	38	7647.70	82
	Sep 2018	13	30	7640.14	65
	WY 2018	**219**	**224**		
	Oct 2018	13	17	7638.03	60
	Nov 2018	8	2	7640.94	66
	Dec 2018	6	2	7642.99	71
	Jan 2019	5	2	7644.56	74
	Feb 2019	5	2	7645.85	77
	Mar 2019	9	2	7648.68	84
	Apr 2019	23	2	7657.27	105
	May 2019	71	51	7664.80	125
	Jun 2019	70	70	7664.67	125
	Jul 2019	29	42	7659.71	111
	Aug 2019	20	38	7652.43	93
	Sep 2019	17	30	7647.22	80
	WY 2019	**277**	**258**		
	Oct 2019	16	17	7646.46	79

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November 2017 24-Month Study

Most Probable Inflow*

Navajo Reservoir

	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azetea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Farmington Flow (1000 Ac-Ft)
*	Nov 2016	24	0	19	1	0	22	6055.87	1296	43
H	Dec 2016	26	0	22	1	0	21	6055.92	1297	39
I	Jan 2017	34	0	32	1	0	22	6056.65	1306	37
S	Feb 2017	56	1	62	1	1	27	6059.31	1339	47
T	Mar 2017	176	17	159	2	6	30	6068.54	1460	98
O	Apr 2017	235	33	193	3	19	33	6078.18	1598	132
R	May 2017	261	45	195	4	25	228	6073.94	1536	310
I	Jun 2017	231	46	166	5	40	259	6063.90	1398	458
C	Jul 2017	49	11	48	4	43	38	6061.00	1361	95
A	Aug 2017	30	5	38	4	35	36	6058.07	1323	57
L	Sep 2017	9	2	33	3	23	42	6055.28	1289	46
	WY 2017	**1157**	**160**	**991**	**28**	**198**	**785**			**1409**
*	Oct 2017	38	2	50	2	8	32	6055.89	1296	53
	Nov 2017	28	1	22	1	0	24	6055.66	1294	37
	Dec 2017	24	0	20	1	0	25	6055.21	1288	37
	Jan 2018	21	0	18	1	0	25	6054.61	1281	36
	Feb 2018	25	0	23	1	0	22	6054.58	1280	33
	Mar 2018	63	2	56	2	5	25	6056.61	1305	41
	Apr 2018	120	15	91	2	21	24	6060.11	1349	64
	May 2018	225	37	164	4	35	29	6067.40	1445	144
	Jun 2018	170	32	130	5	51	30	6070.64	1489	155
	Jul 2018	40	6	52	5	56	32	6067.72	1449	82
	Aug 2018	33	1	55	4	47	39	6065.09	1414	69
	Sep 2018	36	1	52	3	26	52	6062.90	1385	74
	WY 2018	**823**	**99**	**731**	**28**	**250**	**357**			**822**
	Oct 2018	42	2	44	2	10	31	6063.05	1387	53
	Nov 2018	32	1	25	1	0	30	6062.59	1381	46
	Dec 2018	25	0	20	1	0	31	6061.74	1370	46
	Jan 2019	22	0	18	1	0	31	6060.73	1357	44
	Feb 2019	30	0	27	1	0	28	6060.62	1356	40
	Mar 2019	92	2	83	2	5	31	6064.14	1401	53
	Apr 2019	170	14	134	3	21	30	6070.15	1483	82
	May 2019	277	37	220	4	36	219	6067.36	1444	365
	Jun 2019	224	32	191	4	52	277	6056.44	1303	428
	Jul 2019	66	6	72	4	57	48	6053.43	1266	116
	Aug 2019	45	1	62	3	48	34	6051.49	1243	73
	Sep 2019	43	1	55	3	26	27	6051.37	1242	60
	WY 2019	**1068**	**96**	**953**	**27**	**254**	**815**			**1406**
	Oct 2019	47	2	47	2	10	26	6052.20	1252	54

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Most Probable Inflow*

Lake Powell

	Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry Gage (1000 Ac-Ft)
*	Nov 2016	383	389	33	624	126	750	3605.81	5039	12313	754
H	Dec 2016	300	366	26	898	0	898	3600.49	4997	11797	913
I	Jan 2017	359	415	8	880	0	880	3595.86	4962	11359	900
S	Feb 2017	555	565	8	711	0	711	3594.33	4951	11217	720
T	Mar 2017	1112	895	14	722	0	722	3595.91	4963	11364	730
O	Apr 2017	1608	1494	23	623	0	623	3604.14	5026	12149	629
R	May 2017	2377	2321	29	652	0	652	3619.09	5147	13667	658
I	Jun 2017	3115	2680	51	749	0	749	3634.89	5286	15408	763
C	Jul 2017	1073	889	64	850	0	850	3634.69	5284	15385	875
A	Aug 2017	446	495	63	900	0	900	3630.88	5250	14952	930
L	Sep 2017	196	410	57	663	0	663	3628.31	5227	14664	677
	WY 2017	**11905**	**11396**	**409**	**8874**	**126**	**9000**				**9158**
*	Oct 2017	449	533	39	640	0	640	3627.09	5216	14530	644
	Nov 2017	430	484	37	630	0	630	3625.54	5202	14360	634
	Dec 2017	360	551	29	740	0	740	3623.68	5186	14157	746
	Jan 2018	360	525	9	860	0	860	3620.71	5161	13839	866
	Feb 2018	390	500	10	750	0	750	3618.44	5142	13599	752
	Mar 2018	560	537	16	800	0	800	3615.96	5121	13340	805
	Apr 2018	820	725	26	690	0	690	3616.05	5122	13349	698
	May 2018	1700	1490	31	700	0	700	3622.70	5178	14051	706
	Jun 2018	2300	1900	51	760	0	760	3631.84	5258	15060	766
	Jul 2018	780	692	62	860	0	860	3629.94	5241	14846	875
	Aug 2018	400	505	61	900	0	900	3626.14	5208	14425	914
	Sep 2018	350	471	55	670	0	670	3623.98	5189	14189	679
	WY 2018	**8899**	**8912**	**426**	**9000**	**0**	**9000**				**9083**
	Oct 2018	464	518	38	640	0	640	3622.61	5177	14041	646
	Nov 2018	450	514	36	640	0	640	3621.20	5165	13891	644
	Dec 2018	363	497	29	720	0	720	3619.01	5146	13658	726
	Jan 2019	361	489	9	860	0	860	3615.64	5118	13307	866
	Feb 2019	393	443	9	750	0	750	3612.79	5095	13013	752
	Mar 2019	665	603	16	800	0	800	3610.85	5079	12816	805
	Apr 2019	1056	877	25	710	0	710	3612.15	5090	12948	718
	May 2019	2343	2203	31	710	0	710	3625.01	5198	14302	716
	Jun 2019	2666	2374	52	750	0	750	3637.91	5314	15757	756
	Jul 2019	1091	1000	65	850	0	850	3638.58	5321	15836	865
	Aug 2019	500	586	65	900	0	900	3635.57	5293	15486	914
	Sep 2019	408	514	59	670	0	670	3633.84	5277	15287	679
	WY 2019	**10760**	**10618**	**432**	**9000**	**0**	**9000**				**9086**
	Oct 2019	512	569	40	640	0	640	3632.93	5268	15184	646

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Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Glen Release (1000 Ac-Ft)	Side Inflow Glen to Hoover (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Nov 2016	750	77	42	751	12.6	16	750	632	1076.55	9727
H	Dec 2016	898	63	36	542	8.8	8	536	655	1080.82	10079
I	Jan 2017	880	128	30	500	8.1	7	494	684	1086.08	10521
S	Feb 2017	711	150	28	488	8.8	7	487	704	1089.78	10838
T	Mar 2017	722	97	32	911	14.8	16	910	696	1088.26	10707
O	Apr 2017	623	92	39	961	16.1	20	960	677	1084.89	10420
R	May 2017	652	39	44	917	14.9	29	915	659	1081.56	10141
I	Jun 2017	749	17	53	864	14.5	29	864	648	1079.52	9971
C	Jul 2017	850	89	66	885	14.4	31	885	646	1079.03	9931
A	Aug 2017	900	94	70	683	11.1	28	683	658	1081.44	10131
L	Sep 2017	663	70	58	600	10.1	21	596	662	1082.05	10182
	WY 2017	**9000**	**994**	**541**	**8620**		**234**	**8596**			
*	Oct 2017	640	45	43	596	9.7	24	595	663	1082.30	10202
	Nov 2017	630	65	43	746	12.5	18	746	656	1081.04	10097
	Dec 2017	740	51	37	558	9.1	14	558	667	1083.09	10268
	Jan 2018	860	64	30	578	9.4	12	578	686	1086.45	10553
	Feb 2018	750	72	28	690	12.4	14	690	691	1087.44	10637
	Mar 2018	800	46	31	1053	17.1	21	1053	676	1084.57	10393
	Apr 2018	690	39	38	1056	17.7	23	1056	652	1080.21	10029
	May 2018	700	26	44	960	15.6	27	960	633	1076.75	9743
	Jun 2018	760	10	52	873	14.7	33	873	622	1074.58	9567
	Jul 2018	860	77	65	831	13.5	36	831	622	1074.64	9572
	Aug 2018	900	127	69	728	11.8	34	728	634	1076.90	9755
	Sep 2018	670	110	57	741	12.4	27	741	631	1076.39	9714
	WY 2018	**9000**	**731**	**537**	**9408**		**284**	**9407**			
	Oct 2018	640	71	42	501	8.2	28	501	640	1077.99	9845
	Nov 2018	640	65	42	665	11.2	21	665	639	1077.73	9824
	Dec 2018	720	51	36	588	9.6	14	588	647	1079.25	9949
	Jan 2019	860	64	30	627	10.2	12	627	662	1082.12	10187
	Feb 2019	750	72	28	697	12.6	14	697	667	1083.04	10265
	Mar 2019	800	46	31	1058	17.2	21	1058	651	1080.07	10017
	Apr 2019	710	39	38	1060	17.8	23	1060	628	1075.82	9668
	May 2019	710	26	43	964	15.7	27	964	610	1072.37	9389
	Jun 2019	750	10	51	875	14.7	33	875	598	1070.02	9201
	Jul 2019	850	77	64	833	13.5	36	833	598	1069.96	9196
	Aug 2019	900	127	68	729	11.9	34	729	610	1072.26	9380
	Sep 2019	670	110	56	744	12.5	27	744	607	1071.72	9337
	WY 2019	**9000**	**757**	**527**	**9340**		**291**	**9340**			
	Oct 2019	640	71	41	506	8.2	28	506	615	1073.31	9465

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

November 2017 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Nov 2016	751	-29	11	574	0	574	9.6	640.09	1620
H	Dec 2016	542	-17	9	482	0	482	7.8	641.31	1653
I	Jan 2017	500	-23	10	408	0	408	6.6	643.47	1712
S	Feb 2017	488	-13	10	486	0	486	8.7	642.70	1690
T	Mar 2017	911	-27	13	844	0	844	13.7	643.70	1718
O	Apr 2017	961	-23	17	955	0	955	16.1	642.45	1684
R	May 2017	917	-13	22	846	0	846	13.8	643.74	1719
I	Jun 2017	864	-6	25	853	0	853	14.3	643.01	1699
C	Jul 2017	885	-5	26	809	0	809	13.2	644.65	1744
A	Aug 2017	683	-8	23	707	0	707	11.5	642.64	1689
L	Sep 2017	600	-11	18	656	0	656	11.0	639.47	1603
	WY 2017	**8620**	**-183**	**199**	**8261**	**0**	**8261**			
*	Oct 2017	596	-2	15	671	0	671	10.9	636.00	1512
	Nov 2017	746	-11	11	619	0	619	10.4	640.01	1618
	Dec 2017	558	-10	9	538	0	538	8.8	640.01	1618
	Jan 2018	578	-19	10	501	0	501	8.1	641.80	1666
	Feb 2018	690	-16	10	613	51	664	12.0	641.80	1666
	Mar 2018	1053	-16	13	989	0	989	16.1	643.05	1700
	Apr 2018	1056	-20	17	1020	0	1020	17.1	643.00	1699
	May 2018	960	-13	22	925	0	925	15.0	643.00	1699
	Jun 2018	873	-18	25	857	0	857	14.4	642.00	1671
	Jul 2018	831	-16	25	803	0	803	13.1	641.50	1658
	Aug 2018	728	-12	23	693	0	693	11.3	641.50	1658
	Sep 2018	741	-11	18	751	0	751	12.6	640.01	1617
	WY 2018	**9408**	**-164**	**197**	**8980**	**51**	**9031**			
	Oct 2018	501	-4	15	666	0	666	10.8	633.00	1434
	Nov 2018	665	-11	10	592	0	592	10.0	635.00	1486
	Dec 2018	588	-10	9	471	0	471	7.7	638.71	1583
	Jan 2019	627	-19	10	516	0	516	8.4	641.80	1666
	Feb 2019	697	-16	10	613	58	671	12.1	641.80	1666
	Mar 2019	1058	-16	13	994	0	994	16.2	643.05	1700
	Apr 2019	1060	-20	17	1024	0	1024	17.2	643.00	1699
	May 2019	964	-13	22	929	0	929	15.1	643.00	1699
	Jun 2019	875	-18	25	860	0	860	14.4	642.00	1671
	Jul 2019	833	-16	25	805	0	805	13.1	641.50	1658
	Aug 2019	729	-12	23	694	0	694	11.3	641.50	1658
	Sep 2019	744	-11	18	755	0	755	12.7	640.01	1617
	WY 2019	**9340**	**-166**	**197**	**8918**	**58**	**8976**			
	Oct 2019	506	-4	15	670	0	670	10.9	633.00	1434

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

November 2017 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	Nov 2016	574	21	9	374	6.3	78	140	446.33	549	97	1.6
H	Dec 2016	482	26	7	271	4.4	86	118	447.64	573	112	1.8
I	Jan 2017	408	33	6	244	4.0	68	126	447.29	567	126	2.1
S	Feb 2017	486	14	8	393	7.1	13	62	448.30	586	160	2.9
T	Mar 2017	844	11	9	687	11.2	24	136	447.83	577	203	3.3
O	Apr 2017	955	13	11	729	12.3	42	160	448.73	594	181	3.0
R	May 2017	846	22	13	634	10.3	44	175	448.31	586	111	1.8
I	Jun 2017	853	0	15	689	11.6	58	79	448.41	588	126	2.1
C	Jul 2017	809	18	17	666	10.8	58	71	448.63	592	131	2.1
A	Aug 2017	707	12	17	570	9.3	58	70	448.28	585	102	1.7
L	Sep 2017	656	17	15	481	8.1	56	134	447.17	564	104	1.7
	WY 2017	**8261**	**223**	**140**	**6204**		**665**	**1406**			**1513**	
*	Oct 2017	671	9	12	478	7.8	69	131	446.27	548	65	1.1
	Nov 2017	619	19	9	378	6.4	89	133	447.50	570	102	1.7
	Dec 2017	538	19	7	352	5.7	83	124	446.80	557	109	1.8
	Jan 2018	501	17	6	324	5.3	68	121	446.50	552	138	2.2
	Feb 2018	664	10	8	497	8.9	42	121	446.50	552	160	2.9
	Mar 2018	989	7	9	725	11.8	59	190	446.70	555	198	3.2
	Apr 2018	1020	19	11	719	12.1	77	185	448.70	593	175	2.9
	May 2018	925	15	13	646	10.5	79	190	448.70	593	104	1.7
	Jun 2018	857	15	16	687	11.5	77	79	448.70	593	105	1.8
	Jul 2018	803	26	17	654	10.6	79	79	448.00	580	111	1.8
	Aug 2018	693	25	17	591	9.6	79	30	447.50	571	100	1.6
	Sep 2018	751	20	15	517	8.7	77	153	447.50	570	89	1.5
	WY 2018	**9031**	**201**	**139**	**6568**		**878**	**1535**			**1457**	
	Oct 2018	666	28	12	494	8.0	39	141	447.50	571	74	1.2
	Nov 2018	592	19	9	416	7.0	39	141	447.50	571	116	1.9
	Dec 2018	471	19	7	317	5.2	39	141	446.50	552	131	2.1
	Jan 2019	516	17	6	324	5.3	76	122	446.50	552	138	2.2
	Feb 2019	671	10	8	496	8.9	50	122	446.50	552	160	2.9
	Mar 2019	994	7	9	722	11.7	67	190	446.70	555	198	3.2
	Apr 2019	1024	19	11	715	12.0	85	185	448.70	593	175	2.9
	May 2019	929	15	13	642	10.4	87	190	448.70	593	104	1.7
	Jun 2019	860	15	16	680	11.4	85	80	448.70	593	105	1.8
	Jul 2019	805	26	17	648	10.5	87	80	448.00	580	111	1.8
	Aug 2019	694	25	17	583	9.5	87	30	447.50	571	100	1.6
	Sep 2019	755	20	15	512	8.6	85	154	447.50	570	89	1.5
	WY 2019	**8976**	**220**	**139**	**6548**		**827**	**1577**			**1500**	
	Oct 2019	670	28	12	490	8.0	47	142	447.50	571	74	1.2

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

November 2017 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Nov 2016	751	12.6	1076.55	9727	17	427.42	1072.0	290.6	80	386.7
H	Dec 2016	542	8.8	1080.82	10079	352	438.26	1103.0	207.3	71	382.3
I	Jan 2017	500	8.1	1086.08	10521	442	442.12	857.0	192.4	55	384.9
S	Feb 2017	488	8.8	1089.78	10838	317	446.75	938.0	190.4	58	390.4
T	Mar 2017	911	14.8	1088.26	10707	-131	440.44	1291.1	362.0	79	397.2
O	Apr 2017	961	16.1	1084.89	10420	-287	439.75	1227.0	381.0	76	396.5
R	May 2017	917	14.9	1081.56	10141	-280	434.83	1307.0	360.6	80	393.4
I	Jun 2017	864	14.5	1079.52	9971	-169	433.52	1500.0	335.0	94	387.5
C	Jul 2017	885	14.4	1079.03	9931	-40	432.24	1499.0	341.1	94	385.5
A	Aug 2017	683	11.1	1081.44	10131	200	436.25	1478.1	261.0	93	382.0
L	Sep 2017	600	10.1	1082.05	10182	51	440.10	976.1	230.7	66	384.8
	WY 2017	**8620**							**3347.1**		
*	Oct 2017	596	9.7	1082.30	10202	21	441.43	976.1	229.0	66	384.2
	Nov 2017	746	12.5	1081.04	10097	-105	435.45	996.0	298.9	63	400.4
	Dec 2017	558	9.1	1083.09	10268	171	435.12	916.0	218.0	57	391.0
	Jan 2018	578	9.4	1086.45	10553	284	437.19	932.1	228.0	58	394.4
	Feb 2018	690	12.4	1087.44	10637	84	437.58	1115.0	275.9	69	400.0
	Mar 2018	1053	17.1	1084.57	10393	-244	435.54	1205.9	420.1	75	399.1
	Apr 2018	1056	17.7	1080.21	10029	-365	431.56	1187.0	419.5	75	397.4
	May 2018	960	15.6	1076.75	9743	-285	425.59	1480.0	370.9	95	386.5
	Jun 2018	873	14.7	1074.58	9567	-177	422.55	1551.0	331.8	100	380.0
	Jul 2018	831	13.5	1074.64	9572	5	422.00	1551.0	319.3	100	384.5
	Aug 2018	728	11.8	1076.90	9755	183	423.31	1564.0	277.0	100	380.4
	Sep 2018	741	12.4	1076.39	9714	-41	424.66	1560.0	284.1	100	383.7
	WY 2018	**9408**							**3672.4**		
	Oct 2018	501	8.2	1077.99	9845	131	430.06	1167.9	195.6	74	390.3
	Nov 2018	665	11.2	1077.73	9824	-22	432.35	1264.0	258.0	81	388.0
	Dec 2018	588	9.6	1079.25	9949	125	431.79	1171.0	227.5	74	387.2
	Jan 2019	627	10.2	1082.12	10187	238	433.64	899.0	248.3	57	395.8
	Feb 2019	697	12.6	1083.04	10265	78	435.09	820.9	282.0	51	404.6
	Mar 2019	1058	17.2	1080.07	10017	-248	432.38	1000.0	425.3	63	402.0
	Apr 2019	1060	17.8	1075.82	9668	-349	427.14	1156.7	417.0	75	393.5
	May 2019	964	15.7	1072.37	9389	-279	421.24	1442.1	368.8	95	382.7
	Jun 2019	875	14.7	1070.02	9201	-187	418.12	1510.6	329.2	100	376.1
	Jul 2019	833	13.5	1069.96	9196	-5	417.42	1510.0	316.7	100	380.4
	Aug 2019	729	11.9	1072.26	9380	184	418.69	1522.8	274.4	100	376.4
	Sep 2019	744	12.5	1071.72	9337	-43	420.05	1519.6	282.4	100	379.7
	WY 2019	**9340**							**3625.2**		
	Oct 2019	506	8.2	1073.31	9465	128	422.69	1137.3	193.7	74	382.8

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

November 2017 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Nov 2016	574	9.6	640.09	1620	138	140.91	170.9	71.1	67	123.8
H	Dec 2016	482	7.8	641.31	1653	33	138.48	168.3	61.4	66	127.3
I	Jan 2017	408	6.6	643.47	1712	59	143.95	164.5	54.6	65	133.8
S	Feb 2017	486	8.7	642.70	1690	-21	141.54	162.1	63.8	64	131.4
T	Mar 2017	844	13.7	643.70	1718	28	141.08	194.1	109.6	76	129.9
O	Apr 2017	955	16.1	642.45	1684	-34	138.31	204.0	131.0	80	137.2
R	May 2017	846	13.8	643.74	1719	35	142.74	232.0	108.4	91	128.1
I	Jun 2017	853	14.3	643.01	1699	-20	141.59	255.0	107.4	100	126.0
C	Jul 2017	809	13.2	644.65	1744	45	143.65	255.0	101.5	100	125.5
A	Aug 2017	707	11.5	642.64	1689	-55	143.10	255.0	89.9	100	127.1
L	Sep 2017	656	11.0	639.47	1603	-86	138.07	253.3	83.2	99	126.8
	WY 2017	**8261**							**1061.4**		
*	Oct 2017	671	10.9	636.00	1512	-91	134.26	179.3	81.3	70	121.3
	Nov 2017	619	10.4	640.01	1618	106	134.04	151.3	75.7	59	122.3
	Dec 2017	538	8.8	640.01	1618	0	136.84	131.6	67.2	52	124.8
	Jan 2018	501	8.1	641.80	1666	48	136.08	179.3	63.0	70	125.8
	Feb 2018	613	11.0	641.80	1666	0	139.17	111.1	76.9	44	125.5
	Mar 2018	989	16.1	643.05	1700	34	138.04	166.2	123.0	65	124.4
	Apr 2018	1020	17.1	643.00	1699	-1	137.36	207.4	127.2	81	124.6
	May 2018	925	15.0	643.00	1699	0	137.43	204.0	115.9	80	125.3
	Jun 2018	857	14.4	642.00	1671	-27	135.51	255.0	107.2	100	125.0
	Jul 2018	803	13.1	641.50	1658	-14	134.73	255.0	100.2	100	124.8
	Aug 2018	693	11.3	641.50	1658	0	134.46	255.0	86.7	100	125.2
	Sep 2018	751	12.6	640.01	1617	-40	133.68	255.0	93.2	100	124.0
	WY 2018	**8980**							**1117.5**		
	Oct 2018	666	10.8	633.00	1434	-183	130.74	202.3	80.4	79	120.8
	Nov 2018	592	10.0	635.00	1486	51	129.19	170.0	70.4	67	118.9
	Dec 2018	471	7.7	638.71	1583	97	132.25	167.8	57.7	66	122.4
	Jan 2019	516	8.4	641.80	1666	83	135.41	179.3	64.5	70	125.1
	Feb 2019	613	11.0	641.80	1666	0	139.11	111.1	77.0	44	125.5
	Mar 2019	994	16.2	643.05	1700	34	138.04	166.2	123.7	65	124.4
	Apr 2019	1024	17.2	643.00	1699	-1	137.36	207.4	127.6	81	124.6
	May 2019	929	15.1	643.00	1699	0	137.43	204.0	116.3	80	125.2
	Jun 2019	860	14.4	642.00	1671	-27	135.51	255.0	107.4	100	125.0
	Jul 2019	805	13.1	641.50	1658	-14	134.73	255.0	100.4	100	124.8
	Aug 2019	694	11.3	641.50	1658	0	134.46	255.0	86.8	100	125.2
	Sep 2019	755	12.7	640.01	1617	-40	133.68	255.0	93.6	100	124.0
	WY 2019	**8918**							**1105.9**		
	Oct 2019	670	10.9	633.00	1434	-183	130.74	202.3	81.0	79	120.8

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

November 2017 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Nov 2016	374	6.3	446.33	549	-11	80.55	90.0	26.0	75	69.6
H	Dec 2016	271	4.4	447.64	573	24	83.20	117.6	17.9	98	65.9
I	Jan 2017	244	4.0	447.29	567	-6	81.95	93.9	16.2	78	66.5
S	Feb 2017	393	7.1	448.30	586	19	82.67	90.0	27.9	75	71.0
T	Mar 2017	687	11.2	447.83	577	-9	79.98	90.0	48.8	75	71.1
O	Apr 2017	729	12.3	448.73	594	17	80.51	120.0	51.3	100	70.3
R	May 2017	634	10.3	448.31	586	-8	82.36	120.0	44.8	100	70.6
I	Jun 2017	689	11.6	448.41	588	2	80.56	120.0	48.1	100	69.9
C	Jul 2017	666	10.8	448.63	592	4	82.74	120.0	46.5	100	69.9
A	Aug 2017	570	9.3	448.28	585	-7	82.37	120.0	39.9	100	70.0
L	Sep 2017	481	8.1	447.17	564	-21	81.08	120.0	33.8	100	70.2
	WY 2017	**6204**							**434.1**		
*	Oct 2017	478	7.8	446.27	548	-17	80.03	92.9	33.6	77	70.4
	Nov 2017	378	6.4	447.50	570	23	75.69	90.0	24.5	75	64.9
	Dec 2017	352	5.7	446.80	557	-13	75.80	92.9	22.7	77	64.6
	Jan 2018	324	5.3	446.50	552	-6	74.18	117.1	20.4	98	63.0
	Feb 2018	497	8.9	446.50	552	0	75.21	92.1	32.6	77	65.6
	Mar 2018	725	11.8	446.70	555	4	74.69	104.5	47.6	87	65.6
	Apr 2018	719	12.1	448.70	593	38	75.08	120.0	47.4	100	65.8
	May 2018	646	10.5	448.70	593	0	76.05	120.0	42.8	100	66.3
	Jun 2018	687	11.5	448.70	593	0	76.05	120.0	45.7	100	66.5
	Jul 2018	654	10.6	448.00	580	-13	75.71	120.0	43.2	100	66.1
	Aug 2018	591	9.6	447.50	571	-9	75.13	120.0	38.7	100	65.4
	Sep 2018	517	8.7	447.50	570	0	74.89	120.0	33.6	100	65.0
	WY 2018	**6568**							**432.9**		
	Oct 2018	494	8.0	447.50	571	0	76.19	91.9	32.6	77	66.0
	Nov 2018	416	7.0	447.50	571	0	75.83	99.0	27.1	83	65.2
	Dec 2018	317	5.2	446.50	552	-19	74.40	120.0	20.0	100	63.0
	Jan 2019	324	5.3	446.50	552	0	75.02	95.8	20.6	80	63.7
	Feb 2019	496	8.9	446.50	552	0	75.21	92.1	32.5	77	65.6
	Mar 2019	722	11.7	446.70	555	4	74.34	112.3	47.1	94	65.3
	Apr 2019	715	12.0	448.70	593	38	75.08	120.0	47.1	100	65.8
	May 2019	642	10.4	448.70	593	0	76.05	120.0	42.5	100	66.3
	Jun 2019	680	11.4	448.70	593	0	76.05	120.0	45.2	100	66.5
	Jul 2019	648	10.5	448.00	580	-13	75.71	120.0	42.8	100	66.1
	Aug 2019	583	9.5	447.50	571	-9	75.13	120.0	38.1	100	65.4
	Sep 2019	512	8.6	447.50	570	0	74.89	120.0	33.3	100	65.0
	WY 2019	**6548**							**429.0**		
	Oct 2019	490	8.0	447.50	571	0	76.29	90.0	32.4	75	66.1

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3047

Processed On: 11/14/2017 10:37:51AM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

November 2017 24-Month Study

Most Probable Inflow*

Upper Basin Power

	Date	Glen Canyon 1000 MWHR	Flaming Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Reservoir 1000 MWHR	Fontenelle Reservoir 1000 MWHR
*	Nov 2016	277	30	9	11	6	0
H	Dec 2016	395	41	10	11	6	0
I	Jan 2017	385	43	10	11	5	0
S	Feb 2017	307	43	13	19	10	0
T	Mar 2017	312	97	19	22	0	0
	Winter 2017	**1945**	**289**	**87**	**107**	**46**	**0**
O	Apr 2017	270	102	15	22	6	0
R	May 2017	291	105	43	72	17	4
I	Jun 2017	346	102	40	66	8	6
C	Jul 2017	399	71	35	13	18	8
A	Aug 2017	421	56	34	0	22	9
L	Sep 2017	306	56	35	33	22	6
	Summer 2017	**2033**	**492**	**202**	**207**	**93**	**33**
*	Oct 2017	294	42	30	37	21	7
	Nov 2017	263	47	13	15	8	7
	Dec 2017	308	63	30	36	18	7
	Jan 2018	357	63	22	27	14	6
	Feb 2018	309	57	12	15	8	5
	Mar 2018	328	45	11	15	8	5
	Winter 2018	**1859**	**318**	**118**	**145**	**76**	**37**
	Apr 2018	283	43	15	22	12	5
	May 2018	288	70	44	61	23	7
	Jun 2018	318	78	16	24	17	9
	Jul 2018	362	37	25	31	16	10
	Aug 2018	377	37	27	32	16	7
	Sep 2018	279	36	23	28	15	7
	Summer 2018	**1906**	**302**	**149**	**199**	**100**	**44**
	Oct 2018	265	37	16	20	10	7
	Nov 2018	265	36	15	19	10	6
	Dec 2018	297	37	26	32	16	6
	Jan 2019	353	37	24	30	15	6
	Feb 2019	306	33	8	11	6	5
	Mar 2019	325	37	8	12	7	5
	Winter 2019	**1810**	**218**	**97**	**123**	**64**	**34**
	Apr 2019	288	36	11	18	11	5
	May 2019	292	59	45	64	23	7
	Jun 2019	316	53	23	35	22	8
	Jul 2019	363	36	29	36	20	10
	Aug 2019	383	36	32	38	20	9
	Sep 2019	284	35	29	34	18	7
	Summer 2019	**1642**	**220**	**141**	**191**	**96**	**39**
	Oct 2019	271	36	20	24	13	6

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3047

Processed On: 11/14/2017 10:37:51AM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

November 2017 24-Month Study

Most Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions

Date	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Total KAF	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****CREDITABLE SPACE****										
Nov 2017	365	163	400	9792	10720	17175	27895	365	163	400	928	9792	17175	27895	3810	746	0	32.5
Dec 2017	420	170	402	9962	10955	17280	28234	420	170	402	993	9962	17280	28234	4580	558	0	32.2
Jan 2018	539	240	408	10165	11352	17109	28460	539	240	408	1187	10165	17109	28460	5350	578	0	32.1
								****EFFECTIVE SPACE****										
Jan 2018	539	240	408	10165	11352	17109	28460	161	164	348	672	10165	17109	27946	5350	578	0	32.1
Feb 2018	650	289	415	10483	11837	16824	28662	273	213	355	841	10483	16824	28148	1500	690	0	31.8
Mar 2018	746	305	416	10723	12189	16740	28929	369	231	354	954	10723	16740	28417	1500	1053	0	31.4
Apr 2018	754	307	391	10982	12434	16984	29417	372	235	322	929	10982	16984	28895	1500	1056	0	31.1
May 2018	743	288	347	10973	12352	17348	29700	356	216	255	828	10973	17348	29149	1500	960	0	31.7
Jun 2018	704	259	251	10271	11485	17634	29118	309	177	121	606	10271	17634	28511	1500	873	0	32.9
Jul 2018	546	103	207	9262	10118	17810	27929	139	4	21	163	9262	17810	27235	1500	831	0	32.7
								****CREDITABLE SPACE****										
Aug 2018	429	94	247	9476	10246	17805	28051	429	94	247	770	9476	17805	28051	1500	728	0	32.4
Sep 2018	454	123	282	9897	10757	17622	28378	454	123	282	859	9897	17622	28378	2270	741	0	31.9
Oct 2018	504	156	311	10133	11103	17663	28766	504	156	311	970	10133	17663	28766	3040	501	0	31.7
Nov 2018	549	170	309	10281	11309	17532	28841	549	170	309	1029	10281	17532	28841	3810	665	0	31.5
Dec 2018	598	189	315	10431	11533	17553	29086	598	189	315	1102	10431	17553	29086	4580	588	0	31.3
Jan 2019	666	250	326	10664	11905	17428	29334	666	250	326	1242	10664	17428	29334	5350	627	0	31.2
								****EFFECTIVE SPACE****										
Jan 2019	666	250	326	10664	11905	17428	29334	368	250	85	703	10664	17428	28795	5350	627	0	31.2
Feb 2019	728	306	339	11015	12389	17190	29579	429	306	97	832	11015	17190	29038	1500	697	0	30.9
Mar 2019	778	309	340	11309	12736	17112	29848	476	309	97	883	11309	17112	29304	1500	1058	0	30.5
Apr 2019	781	301	295	11506	12882	17360	30242	476	301	45	821	11506	17360	29687	1500	1060	0	30.5
May 2019	752	266	213	11374	12605	17709	30315	440	266	-60	646	11374	17709	29730	1500	964	0	31.7
Jun 2019	678	206	252	10020	11156	17988	29144	356	206	-61	500	10020	17988	28509	1500	875	0	33.2
Jul 2019	450	42	393	8565	9450	18176	27626	112	24	24	160	8565	18176	26900	1500	833	0	33.3
								****CREDITABLE SPACE****										
Aug 2019	356	18	430	8486	9290	18181	27471	356	18	430	804	8486	18181	27471	1500	729	0	33.0
Sep 2019	381	49	453	8836	9719	17997	27716	381	49	453	883	8836	17997	27716	2270	744	0	32.6
Oct 2019	434	96	454	9035	10019	18040	28058	434	96	454	984	9035	18040	28058	3040	506	0	32.4

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3047

Processed On: 11/14/2017 10:37:51AM

December 24-Month Study
Date: December 8, 2017

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

Reservoir	November Inflow (unregulated) (acre-feet)	Percent of Average (%)	December 7, Midnight Elevation (feet)	December 7, Midnight Reservoir Storage (acre-feet)
Fontenelle	62,000	148	6,490.62	231,000
Flaming Gorge	82,000	160	6,031.53	3,408,000
Blue Mesa	32,000	106	7,498.19	647,000
Navajo	19,000	56	6,054.75	1,282,000
Powell	387,000	82	3,624.73	14,271,000

Expected Operations

The operation of Lake Powell and Lake Mead in this December 2017 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines) and reflects the 2017 Annual Operating Plan (AOP) and draft 2018 AOP. Pursuant to the Interim Guidelines, the August 2017 24-Month Study projections of the January 1, 2018, system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2018.

Consistent with Section 6.B of the Interim Guidelines, the Lake Powell operational tier for water year 2018 will be governed by the Upper Elevation Balancing Tier, with an initial water year release volume of 8.23 million acre-feet (maf) and the potential for an April adjustment to equalization or balancing releases in April 2018. This December 2017 24-Month Study indicates that, consistent with Section 6.B.4 of the Interim Guidelines, an April adjustment to balancing releases is projected to occur and Lake Powell is projected to release 9.0 maf in water year 2018.

Consistent with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar years 2017 and 2018.

The 2018 operational tier determinations will be documented in the 2018 AOP, which is currently in the final stages of development.

The Interim Guidelines are available for download at:
http://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf
The 2017 AOP is available for download at:
http://www.usbr.gov/lc/region/g4000/aop/AOP17.pdf
The draft 2018 AOP is available for download at:
https://www.usbr.gov/lc/region/g4000/AOP2018/AOP18_draft.pdf

Fontenelle Reservoir – Fontenelle Reservoir is currently at elevation 6491 feet above sea level (feet), which amounts to 67 percent of live storage capacity. Inflows for the month of November totaled 62,100 acre-feet (af), or 148 percent of average. Average to above average inflows are forecasted over the next few months and releases have been increased in order to meet the spring elevation target. Releases have been increased to base flow levels of 1,300 cubic feet per second (cfs) and are forecasted to remain at this level through the winter, subject to hydrology.

The Colorado Basin River Forecast Center has forecasted spring inflows that are above average. December, January and February forecasted inflow volumes amount to 50,000 af (156 percent of average), 45,000 af (148 percent of average), and 40,000 af (145 percent of average), respectively.

The next Fontenelle Working Group meeting is scheduled for 10:00 a.m., April 17, 2018. The meeting will be held at Seedskadee Wildlife Refuge Headquarters, Wyoming. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir.

Flaming Gorge Reservoir – Releases increased from 1,500 cfs to steady 2,800 cfs with two generating units available.

Unregulated inflow into Flaming Gorge Reservoir during the month of November was 82,000 af, or 159 percent of average. The reservoir elevation is 6,031.69 (91 percent of live capacity) and decreasing. The observed April-July unregulated inflow volume into Flaming Gorge Reservoir was 2.214 maf (226 percent of average). This is the second highest inflow volume into Flaming Gorge with the record volume inflow in 1986 at 2.26 maf (232 percent of average). March 2017 was approximately 400 percent of average and the March-July volume sets a historic inflow volume for Flaming Gorge.

The December final forecast for inflows for the next three months projects above average conditions: December, January, and February forecasted inflow volumes at 56,000 af (161 percent of average), 62,000 af (154 percent of average), and 60,000 af (135 percent of average), respectively.

The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stakeholders of Flaming Gorge Dam. The public is

encouraged to attend and comment on the operations and plans presented by Reclamation at these meetings. Meeting notes from past Working Group meetings are posted on the Working Group webpage. For more information on this group and these meetings please contact Dale Hamilton at 801-379-1186 or Heather Patno at 801-524-3883.

Reclamation will be holding the next Flaming Gorge Working Group meeting on Thursday, March 8, 2018, at 7:00 p.m. at the Lighthouse Learning Center High School (gymnasium), 251 West 400 North, Price, Utah, and the next on April 19, 2018, at 11:00 a.m. at the UDWR offices 318 North Vernal Ave, Vernal, Utah.

Aspinall Unit Reservoirs – Releases from Crystal Dam are approximately 1600 cfs. Uncompahgre Valley Water Users Association shut down the Gunnison Tunnel on November 1, 2017 so all releases from Crystal are now flowing through the Black Canyon. Blue Mesa Reservoir elevation is 7598.19 feet which corresponds to a storage content 646,500 acre-feet (78 percent of full capacity). Releases from Crystal will remain at the current level to the end of December. In January, releases will likely be decreased to approximately 1,100 cfs.

The November unregulated inflow to Blue Mesa Reservoir was 32,464 af (105 percent of average). Unregulated Inflows to Blue Mesa for the next three months (December, January and February) are projected to be: 31,000 af (119 percent of average), 26,000 af (100 percent of average) and 23,000 af (96 percent of average), respectively. For water year 2018, the unregulated inflow volume is forecasted to be 754,000 af (78 percent of average) with 490,000 af (72 percent of average) forecasted unregulated inflow during the April through July period. The December 24-Month Study is reflective of this new forecast.

The Aspinall Unit Working Group is an open public forum for information exchange between Reclamation and the stakeholders of the Aspinall Unit. The public is encouraged to attend and comments on the operations and plans presented by Reclamation at these meetings. Meeting notes from past working Group meetings are posted on the Working Group webpage. For more information on this group and these meetings please contact Erik Knight in the Grand Junction Area Office at (970) 248-0629.

Meeting notes from past working Group meetings are posted on the Working Group webpage at:

https://www.usbr.gov/uc/wcao/water/rsvrs/mtgs/amcurrnt.html

The next meeting of the Aspinall Unit Working Group will be held on Thursday, January 18, 2018 at 1:00 p.m. at the Holiday Inn Express located in Montrose, Colorado.

Navajo Reservoir – As of December 6, 2017, the daily average release at Navajo is 389 cfs, and the observed inflow is 92 cfs. The reservoir elevation is 6054.81 feet (1,283,166 af), and is 75 percent full (60 percent of active storage). The San Juan River at Four

Corners USGS gage is at 665 cfs. The Animas River at Farmington USGS gage is at 230 cfs. Releases are made for the authorized purposes of the Navajo Unit, and pursuant to the 2006 Record of Decision, in an attempt to maintain a target base flow through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell). The San Juan River Basin Recovery Implementation Program (SJRIP) recommends a target base flow of between 500 cfs and 1,000 cfs through the critical habitat area. The target base flow is calculated as the weekly average of gaged flows throughout the critical habitat area.

Modified unregulated inflow into Navajo for November was 18,900 af, which was 57 percent of average for the month. The most probable modified-unregulated inflow forecast for December at Navajo is 19,000 af (76 percent of average), for January is 18,000 af (82 percent of average), and for January is 20,800 af (69 percent of average). Releases for the remainder of the winter will be made to maintain the target baseflow in the critical habitat reach and will likely range between 400 and 600 cfs.

Reclamation conducts public operations meetings three times per year to gather input for determining upcoming operations for Navajo Reservoir. Input from individuals, organizations, and agencies along with other factors such as weather, water rights, endangered species requirements, flood control, hydro power, recreation, fish and wildlife management, and reservoir levels, will be considered in the development of these reservoir operation plans. In addition, the meetings are used to coordinate activities and exchange information among agencies, water users, and other interested parties concerning the San Juan River and Navajo Reservoir.

The next Navajo Public Operations Coordination Meeting is scheduled for January 23, 2018, at 1:00 p.m. at the Farmington Civic Center, Farmington, NM.

Glen Canyon Dam / Lake Powell

Current Status

The unregulated inflow volume to Lake Powell in November was 388 thousand acre-feet (kaf) (82 percent of average). The release volume from Glen Canyon Dam in November was 630 kaf. The end of November elevation and storage of Lake Powell were 3,625.29 feet (75 feet from full pool) and 14.33 maf (59 percent of full capacity), respectively. The reservoir elevation is now declining and is expected to continue to decline until spring 2018.

Current Operations

The operating tier for water year 2018 was established in August 2017 as the Upper Elevation Balancing Tier, with an initial water year release volume of 8.23 maf and the potential for an April 2018 adjustment to equalization or balancing releases. Based on the current forecast, an April adjustment to balancing is projected to occur and Lake Powell is currently projected to release 9.0 maf in water year 2018. This projection will be updated each month throughout the water year. Reclamation will schedule operations

at Glen Canyon Dam to achieve as practicably as possible the appropriate total annual release volume by September 30, 2018.

In December 2018, the release volume will be approximately 740 kaf, with fluctuations anticipated between about 7,300 cfs in the nighttime to about 14,000 cfs in the daytime and consistent with the revised Glen Canyon Operating Criteria (27-Sep-2017) (https://www.usbr.gov/uc/water/crsp/studies/GCOC.pdf). The anticipated release volume for January is 860 kaf with daily fluctuations between approximately 9,100 cfs and 16,850 cfs. The expected release for February is 730 kaf with daily fluctuations between approximately 10,500 cfs and 13,900 cfs.

In addition to daily scheduled fluctuations for power generation, the instantaneous releases from Glen Canyon Dam may also fluctuate to provide 40 megawatts (mw) of system regulation. These instantaneous release adjustments stabilize the electrical generation and transmission system and translate to a range of about 1,200 cfs above or below the hourly scheduled release rate. Under system normal conditions, fluctuations for regulation are typically short lived and generally balance out over the hour with minimal or no noticeable impacts on downstream river flow conditions.

Releases from Glen Canyon Dam can also fluctuate beyond scheduled releases when called upon to respond to unscheduled power outages or power system emergencies. Depending on the severity of the system emergency, the response from Glen Canyon Dam can be significant, within the full range of the operating capacity of the power plant for as long as is necessary to maintain balance in the transmission system. Glen Canyon Dam currently maintains 27 mw (approximately 800 cfs) of generation capacity in reserve in order to respond to a system emergency even when generation rates are already high. System emergencies occur fairly infrequently and typically require small responses from Glen Canyon Dam. However, these responses can have a noticeable impact on the river downstream of Glen Canyon Dam.

Inflow Forecasts and Model Projections

The forecast for water year 2018 unregulated inflow to Lake Powell, issued on December 1, 2017, by the Colorado Basin River Forecast Center, projects that the most probable (median) unregulated inflow volume next year will be 7.64 maf (71 percent of average). There is significant uncertainty regarding next season's snow pack development and resulting runoff into Lake Powell. The forecast ranges from a minimum probable of 7.0 maf (65 percent of average) to a maximum probable of 17.5 maf (162 percent of average). There is a 10 percent chance that inflows could be higher than the current maximum probable forecast and a 10 percent chance that inflows could be lower than the minimum probable forecast.

Based on the current forecast, the December 24-Month Study projects Lake Powell elevation will end water year 2018 near 3,614 feet with approximately 13.2 maf in storage (54 percent of capacity). Note that projections of elevation and storage for water year 2018 have significant uncertainty at this point in the season. Projections of elevation and storage using the minimum and maximum probable inflow forecast are 3,612 feet

(12.9 maf, 53 percent of capacity) and 3,654 feet (17.7 maf, 73 percent of capacity), respectively. Under these scenarios, there is a 10 percent chance that inflows will be higher, resulting in higher elevation and storage, and 10 percent chance that inflows will be lower, resulting in lower elevation and storage. The annual release volume from Lake Powell during water year 2018 is projected to be 9.0 maf under the minimum and most probable inflow scenarios and 13.56 maf under the maximum probable inflow scenario. There is a chance that inflows could be higher or lower, potentially resulting in releases greater than 13.56 maf or as low as 8.23 maf in water year 2018.

Upper Colorado River Basin Hydrology

The Upper Colorado River Basin regularly experiences significant year to year hydrologic variability. During the 18-year period 2000 to 2017, however, the unregulated inflow to Lake Powell, which is a good measure of hydrologic conditions in the Colorado River Basin, was above average in only 4 out of the past 18 years. The period 2000-2017 is the lowest 18-year period since the closure of Glen Canyon Dam in 1963, with an average unregulated inflow of 8.76 maf, or 81 percent of the 30-year average (1981-2010). (For comparison, the 1981-2010 total water year average is 10.83 maf.) The unregulated inflow during the 2000-2017 period has ranged from a low of 2.64 maf (24 percent of average) in water year 2002 to a high of 15.97 maf (147 percent of average) in water year 2011. In water year 2017 unregulated inflow volume to Lake Powell was 11.9 maf (110 percent of average), the fourth year to be above average. Under the current most probable forecast, the total water year 2018 unregulated inflow to Lake Powell is projected to be 7.64 maf (71 percent of average).

At the beginning of water year 2018, total system storage in the Colorado River Basin was 32.9 maf (55 percent of 59.6 maf total system capacity). This is an increase of 2.7 maf over the total storage at the beginning of water year 2017 when total system storage was 30.2 maf (51 percent of capacity). Since the beginning of water year 2000, total Colorado Basin storage has experienced year to year increases and decreases in response to wet and dry hydrology, ranging from a high of 94 percent of capacity at the beginning of 2000 to a low of 50 percent of capacity at the beginning of water year 2005. One wet year can significantly increase total system reservoir storage, just as persistent dry years can draw down the system storage. Based on current inflow forecasts, the current projected end of water year total Colorado Basin reservoir storage for water year 2018 is approximately 30.7 maf (52 percent of total system capacity). The actual end of water year 2018 system storage may vary from this projection, primarily due to uncertainty regarding this season's runoff and reservoir inflow. Based on the October minimum and maximum probable inflow forecasts and modeling, the range of end of water year 2018 total system capacity is approximately 30.06 maf (50 percent of capacity) to 35.47 maf (59 percent of capacity), respectively.

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-430
125 SOUTH STATE STREET, ROOM 8100
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-3709

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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:	Obs			nov	Forecast		
:	aug	sep	oct	nov	%Avg	dec	jan	feb
GLDA3:Lake Powell	446	196	449	387	82%:	360/	340/	360/
GBRW4:Fontenelle	102	66	73	62	147%:	50/	45/	40/
GRNU1:Flaming Gorge	120	87	88	82	159%:	56/	62/	60/
BMDC2:Blue Mesa	84	35	37	33	106%:	31/	26/	23/
MPSC2:Morrow Point	86	35	38	34	102%:	31/	26/	24/
CLSC2:Crystal	89	39	43	38	100%:	36/	30/	28/
TPIC2:Taylor Park	12.1	7.7	8.4	5.9	115%:	5.5/	5/	4/
VCRC2:Vallecito	18.8	8.6	8.6	5.1	58%:	5.5/	4.5/	4/
NVRN5:Navajo	30	8.7	38	18.9	56%:	19/	18/	21/
LEMC2:Lemon	4.1	1.73	1.31	0.73	43%:	0.8/	0.7/	0.5/
MPHC2:McPhee	15.3	8.4	2.9	1.88	31%:	3.5/	3.5/	3.5/
RBSC2:Ridgway	11.7	5.3	6.3	5.0	89%:	4/	4/	3.5/

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

December 2017 24-Month Study

Most Probable Inflow*

Fontenelle Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Dec 2016	37	1	0	63	63	6486.33	203
H	Jan 2017	45	1	0	63	63	6483.20	184
I	Feb 2017	51	1	0	57	57	6482.06	178
S	Mar 2017	180	1	0	150	150	6486.90	207
T	Apr 2017	225	1	0	304	304	6472.17	128
O	May 2017	430	1	54	373	427	6472.55	129
R	Jun 2017	732	2	74	469	543	6502.49	317
I	Jul 2017	332	3	88	230	319	6503.83	328
C	Aug 2017	102	2	95	61	156	6496.34	271
A	Sep 2017	66	2	69	4	72	6495.21	263
	WY 2017	**2319**	**15**	**379**	**1890**	**2270**		
L	Oct 2017	73	1	80	0	80	6494.03	255
*	Nov 2017	62	1	78	0	78	6491.65	238
	Dec 2017	50	1	80	0	80	6486.90	208
	Jan 2018	45	1	80	0	80	6480.91	172
	Feb 2018	40	1	73	0	73	6474.40	139
	Mar 2018	60	0	85	0	85	6468.61	113
	Apr 2018	90	1	89	0	89	6468.65	113
	May 2018	180	1	97	43	140	6477.24	153
	Jun 2018	335	2	101	89	190	6499.54	295
	Jul 2018	225	3	101	73	174	6505.75	344
	Aug 2018	90	2	101	37	138	6499.28	293
	Sep 2018	55	2	65	0	65	6497.62	281
	WY 2018	**1305**	**15**	**1032**	**241**	**1273**		
	Oct 2018	55	1	68	0	68	6495.72	268
	Nov 2018	45	1	65	0	65	6492.70	246
	Dec 2018	32	1	68	0	68	6487.21	210
	Jan 2019	30	1	68	0	68	6480.93	172
	Feb 2019	28	1	61	0	61	6474.25	138
	Mar 2019	53	0	78	0	78	6468.34	112
	Apr 2019	85	1	82	0	82	6468.94	115
	May 2019	164	1	97	23	121	6478.02	156
	Jun 2019	299	2	101	64	165	6498.62	289
	Jul 2019	178	3	102	21	123	6505.35	340
	Aug 2019	77	2	100	3	103	6501.66	312
	Sep 2019	46	2	71	0	71	6498.02	284
	WY 2019	**1091**	**15**	**962**	**111**	**1073**		
	Oct 2019	49	1	74	0	74	6494.36	258
	Nov 2019	42	1	71	0	71	6489.87	228

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

December 2017 24-Month Study

Most Probable Inflow*

Flaming Gorge Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	Dec 2016	35	61	2	106	0	106	126	6024.19	3130	136
H	Jan 2017	49	67	2	110	0	110	124	6023.01	3087	149
I	Feb 2017	106	112	2	109	0	109	124	6023.03	3088	189
S	Mar 2017	400	370	3	256	26	282	128	6025.25	3169	408
T	Apr 2017	350	428	5	268	244	511	124	6022.93	3084	745
O	May 2017	582	580	8	278	171	449	129	6026.15	3203	857
R	Jun 2017	895	705	11	263	223	486	137	6031.41	3404	859
I	Jul 2017	387	374	14	180	48	228	142	6034.61	3531	314
C	Aug 2017	120	174	13	143	0	143	143	6035.05	3548	172
A	Sep 2017	87	93	11	141	0	141	140	6033.63	3491	160
	WY 2017	**3153**	**3104**	**81**	**2016**	**712**	**2728**				**4222**
L	Oct 2017	88	95	8	107	0	107	140	6033.17	3473	157
*	Nov 2017	82	98	4	139	0	139	138	6032.07	3430	179
	Dec 2017	56	86	2	172	0	172	135	6029.91	3345	197
	Jan 2018	62	97	2	172	0	172	132	6027.98	3272	194
	Feb 2018	60	93	2	156	0	156	129	6026.32	3209	178
	Mar 2018	120	145	3	131	0	131	130	6026.60	3220	192
	Apr 2018	135	134	5	126	0	126	130	6026.68	3223	276
	May 2018	240	200	8	131	0	131	132	6028.25	3282	541
	Jun 2018	400	255	10	193	0	193	134	6029.54	3331	573
	Jul 2018	250	199	14	218	0	218	133	6028.73	3300	283
	Aug 2018	100	148	13	101	0	101	134	6029.58	3333	119
	Sep 2018	62	72	11	98	0	98	133	6028.65	3297	110
	WY 2018	**1655**	**1623**	**81**	**1744**	**0**	**1744**				**2999**
	Oct 2018	64	77	7	101	0	101	131	6027.83	3266	126
	Nov 2018	53	74	3	98	0	98	130	6027.13	3239	126
	Dec 2018	35	71	2	101	0	101	129	6026.29	3208	127
	Jan 2019	40	78	2	101	0	101	128	6025.63	3184	127
	Feb 2019	45	78	2	92	0	92	128	6025.22	3168	120
	Mar 2019	102	128	3	101	0	101	128	6025.82	3191	178
	Apr 2019	134	130	5	98	0	98	129	6026.53	3217	313
	May 2019	245	202	8	101	0	101	133	6028.89	3307	633
	Jun 2019	390	255	11	157	0	157	136	6031.08	3391	578
	Jul 2019	210	156	14	149	0	149	136	6030.90	3384	249
	Aug 2019	89	115	13	98	0	98	136	6031.00	3388	124
	Sep 2019	55	81	11	95	0	95	135	6030.36	3363	114
	WY 2019	**1462**	**1444**	**80**	**1295**	**0**	**1295**				**2814**
	Oct 2019	59	84	7	98	0	98	134	6029.82	3342	131
	Nov 2019	51	80	3	98	0	98	134	6029.28	3321	130

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

December 2017 24-Month Study

Most Probable Inflow*

Taylor Park Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Dec 2016	5	5	9309.56	69
H	Jan 2017	6	5	9309.76	70
I	Feb 2017	4	5	9309.43	69
S	Mar 2017	6	6	9309.23	69
T	Apr 2017	13	9	9312.04	73
O	May 2017	30	19	9318.55	84
R	Jun 2017	62	45	9327.76	102
I	Jul 2017	24	26	9326.95	100
C	Aug 2017	12	25	9320.31	88
A	Sep 2017	8	18	9314.58	77
	WY 2017	**179**	**173**		
L	Oct 2017	8	8	9314.93	78
*	Nov 2017	6	6	9315.09	78
	Dec 2017	6	6	9314.80	78
	Jan 2018	5	6	9314.21	77
	Feb 2018	4	6	9313.01	75
	Mar 2018	5	6	9312.10	73
	Apr 2018	7	8	9311.49	72
	May 2018	23	15	9316.25	80
	Jun 2018	37	21	9324.98	96
	Jul 2018	14	22	9321.01	89
	Aug 2018	8	18	9315.38	79
	Sep 2018	6	15	9309.93	70
	WY 2018	**128**	**136**		
	Oct 2018	6	6	9309.82	70
	Nov 2018	5	6	9309.06	68
	Dec 2018	5	6	9308.21	67
	Jan 2019	4	6	9307.13	65
	Feb 2019	4	6	9305.67	63
	Mar 2019	4	6	9304.62	62
	Apr 2019	9	6	9306.47	64
	May 2019	28	20	9311.75	73
	Jun 2019	42	22	9322.96	92
	Jul 2019	20	22	9321.97	91
	Aug 2019	10	20	9316.59	81
	Sep 2019	7	16	9311.46	72
	WY 2019	**144**	**142**		
	Oct 2019	7	8	9310.63	71
	Nov 2019	5	6	9310.07	70

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

December 2017 24-Month Study

Most Probable Inflow*

Blue Mesa Reservoir

	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Dec 2016	26	26	0	35	0	35	7491.43	593
H	Jan 2017	29	28	0	34	0	34	7490.68	587
I	Feb 2017	28	29	0	44	1	44	7488.71	571
S	Mar 2017	70	70	0	69	0	70	7488.71	571
T	Apr 2017	145	140	1	53	0	53	7499.55	658
O	May 2017	244	233	1	151	65	293	7491.98	597
R	Jun 2017	392	373	1	139	35	175	7515.35	793
I	Jul 2017	135	137	2	113	0	110	7518.20	819
C	Aug 2017	84	96	1	111	0	111	7516.38	802
A	Sep 2017	35	45	1	115	0	114	7508.43	732
	WY 2017	**1245**	**1238**	**9**	**987**	**101**	**1163**		
L	Oct 2017	37	37	1	102	0	102	7500.64	667
*	Nov 2017	32	32	0	40	0	40	7499.68	659
	Dec 2017	31	32	0	91	0	91	7492.31	599
	Jan 2018	26	27	0	64	0	64	7487.47	562
	Feb 2018	23	25	0	39	0	39	7485.67	548
	Mar 2018	34	36	0	41	0	41	7484.90	542
	Apr 2018	61	62	1	52	0	52	7486.09	551
	May 2018	149	141	1	94	0	94	7491.97	597
	Jun 2018	205	189	1	49	0	49	7508.76	735
	Jul 2018	75	83	2	82	0	82	7508.61	734
	Aug 2018	45	55	1	87	0	87	7504.68	700
	Sep 2018	36	45	1	79	0	79	7500.50	665
	WY 2018	**754**	**762**	**9**	**820**	**0**	**820**		
	Oct 2018	37	37	1	54	0	54	7498.35	648
	Nov 2018	31	32	0	46	0	46	7496.54	633
	Dec 2018	26	27	0	76	0	76	7490.38	584
	Jan 2019	24	26	0	70	0	70	7484.62	540
	Feb 2019	22	25	0	30	0	30	7483.89	535
	Mar 2019	36	38	0	31	0	31	7484.65	540
	Apr 2019	77	74	1	42	0	42	7488.81	572
	May 2019	221	213	1	152	0	152	7496.33	631
	Jun 2019	261	241	1	81	0	81	7515.09	791
	Jul 2019	117	119	2	99	0	99	7517.09	809
	Aug 2019	63	73	1	108	0	108	7513.02	772
	Sep 2019	38	47	1	93	0	93	7507.58	725
	WY 2019	**953**	**951**	**9**	**883**	**0**	**883**		
	Oct 2019	38	40	1	65	0	65	7504.48	699
	Nov 2019	31	32	0	35	0	35	7504.13	696

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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Most Probable Inflow*

Morrow Point Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Dec 2016	27	35	1	36	34	0	34	7150.44	109
H	Jan 2017	30	34	2	36	33	0	33	7153.75	112
I	Feb 2017	29	44	1	45	55	0	55	7140.48	102
S	Mar 2017	74	70	5	74	64	0	68	7148.96	108
T	Apr 2017	157	53	12	66	65	0	65	7149.64	109
O	May 2017	263	293	19	312	203	0	312	7149.70	109
R	Jun 2017	411	175	19	195	184	0	193	7151.34	110
I	Jul 2017	139	110	4	114	37	0	111	7155.13	113
C	Aug 2017	86	111	2	113	0	0	115	7152.68	111
A	Sep 2017	35	114	0	115	92	0	112	7155.62	114
	WY 2017	**1314**	**1163**	**69**	**1232**	**893**	**0**	**1226**		
L	Oct 2017	38	102	1	103	105	0	105	7153.17	112
*	Nov 2017	34	40	1	41	42	0	42	7152.45	111
	Dec 2017	31	91	0	91	90	0	90	7153.73	112
	Jan 2018	26	64	0	64	64	0	64	7153.73	112
	Feb 2018	24	39	1	40	40	0	40	7153.73	112
	Mar 2018	36	41	2	43	43	0	43	7153.73	112
	Apr 2018	71	52	10	62	62	0	62	7153.73	112
	May 2018	165	94	16	110	110	0	110	7153.73	112
	Jun 2018	220	49	15	64	64	0	64	7153.73	112
	Jul 2018	79	82	4	86	86	0	86	7153.73	112
	Aug 2018	47	87	2	89	89	0	89	7153.73	112
	Sep 2018	36	79	0	79	79	0	79	7153.73	112
	WY 2018	**807**	**820**	**52**	**873**	**874**	**0**	**874**		
	Oct 2018	38	54	1	55	55	0	55	7153.73	112
	Nov 2018	32	46	1	48	48	0	48	7153.73	112
	Dec 2018	28	76	2	78	78	0	78	7153.73	112
	Jan 2019	27	70	2	72	72	0	72	7153.73	112
	Feb 2019	25	30	3	32	32	0	32	7153.73	112
	Mar 2019	40	31	4	36	36	0	36	7153.73	112
	Apr 2019	88	42	11	53	53	0	53	7153.73	112
	May 2019	247	152	26	178	178	0	178	7153.73	112
	Jun 2019	281	81	20	101	101	0	101	7153.73	112
	Jul 2019	123	99	6	105	105	0	105	7153.73	112
	Aug 2019	67	108	3	112	112	0	112	7153.73	112
	Sep 2019	41	93	3	96	96	0	96	7153.73	112
	WY 2019	**1036**	**883**	**83**	**965**	**965**	**0**	**965**		
	Oct 2019	41	65	3	68	68	0	68	7153.73	112
	Nov 2019	33	35	2	37	37	0	37	7153.73	112

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

December 2017 24-Month Study

Most Probable Inflow*

Crystal Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
*	Dec 2016	31	34	4	38	36	1	37	6751.45	17	0	37
H	Jan 2017	35	33	4	37	36	2	37	6750.29	16	1	37
I	Feb 2017	34	55	4	59	56	4	60	6749.56	16	0	60
S	Mar 2017	81	68	6	74	0	73	73	6752.06	17	8	67
T	Apr 2017	167	65	10	75	31	44	75	6751.65	17	39	38
O	May 2017	285	312	22	334	86	73	331	6759.83	19	62	270
R	Jun 2017	446	193	36	229	44	127	231	6751.78	17	61	172
I	Jul 2017	148	111	8	119	96	25	121	6746.24	15	63	60
C	Aug 2017	89	115	3	119	119	0	119	6744.79	15	62	58
A	Sep 2017	39	112	4	116	115	0	115	6748.63	16	59	56
	WY 2017	**1423**	**1226**	**109**	**1335**	**751**	**350**	**1334**			**413**	**929**
L	Oct 2017	43	105	5	110	109	0	109	6751.20	16	55	53
*	Nov 2017	38	42	4	46	46	0	46	6749.89	16	1	46
	Dec 2017	36	90	5	95	94	0	94	6753.04	17	0	94
	Jan 2018	30	64	4	68	68	0	68	6753.04	17	0	68
	Feb 2018	28	40	4	44	44	0	44	6753.04	17	0	44
	Mar 2018	42	43	6	49	49	0	49	6753.04	17	5	44
	Apr 2018	81	62	10	72	72	0	72	6753.04	17	30	42
	May 2018	186	110	21	131	131	0	131	6753.04	17	55	76
	Jun 2018	245	64	25	89	89	0	89	6753.04	17	60	29
	Jul 2018	88	86	9	95	95	0	95	6753.04	17	65	30
	Aug 2018	53	89	6	95	95	0	95	6753.04	17	65	30
	Sep 2018	41	79	5	84	84	0	84	6753.04	17	55	29
	WY 2018	**911**	**874**	**104**	**979**	**977**	**0**	**977**			**391**	**586**
	Oct 2018	43	55	5	60	60	0	60	6753.04	17	30	30
	Nov 2018	37	48	4	52	52	0	52	6753.04	17	0	52
	Dec 2018	32	78	5	82	82	0	82	6753.04	17	0	82
	Jan 2019	31	72	5	77	77	0	77	6753.04	17	0	77
	Feb 2019	29	32	4	36	36	0	36	6753.04	17	0	36
	Mar 2019	46	36	6	42	42	0	42	6753.04	17	5	37
	Apr 2019	101	53	12	65	65	0	65	6753.04	17	30	35
	May 2019	281	178	34	213	134	78	213	6753.04	17	55	158
	Jun 2019	315	101	34	134	130	5	134	6753.04	17	60	74
	Jul 2019	138	105	14	120	120	0	120	6753.04	17	65	55
	Aug 2019	75	112	8	120	120	0	120	6753.04	17	65	55
	Sep 2019	47	96	6	102	102	0	102	6753.04	17	55	47
	WY 2019	**1175**	**965**	**139**	**1104**	**1021**	**83**	**1104**			**365**	**739**
	Oct 2019	47	68	6	74	74	0	74	6753.04	17	30	44
	Nov 2019	38	37	5	42	42	0	42	6753.04	17	0	42

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

December 2017 24-Month Study

Most Probable Inflow*

Vallecito Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Dec 2016	6	2	7647.98	82
H	Jan 2017	7	5	7648.89	84
I	Feb 2017	7	15	7645.42	76
S	Mar 2017	24	24	7645.75	77
T	Apr 2017	45	35	7649.82	87
O	May 2017	67	44	7658.86	109
R	Jun 2017	72	57	7664.54	124
I	Jul 2017	30	39	7660.94	115
C	Aug 2017	19	33	7655.15	100
A	Sep 2017	9	34	7644.31	74
	WY 2017	**303**	**297**		
L	Oct 2017	9	22	7638.22	61
*	Nov 2017	5	2	7639.49	63
	Dec 2017	6	2	7641.14	67
	Jan 2018	5	2	7642.35	69
	Feb 2018	4	2	7643.35	72
	Mar 2018	6	2	7645.13	76
	Apr 2018	13	2	7649.80	86
	May 2018	43	31	7654.51	98
	Jun 2018	42	43	7654.01	97
	Jul 2018	17	42	7643.43	72
	Aug 2018	13	38	7631.01	47
	Sep 2018	12	30	7619.72	29
	WY 2018	**174**	**216**		
	Oct 2018	12	17	7615.80	24
	Nov 2018	8	2	7620.51	30
	Dec 2018	6	2	7623.64	34
	Jan 2019	5	2	7625.91	38
	Feb 2019	5	2	7627.72	41
	Mar 2019	9	2	7631.50	47
	Apr 2019	23	2	7642.06	69
	May 2019	71	32	7658.32	108
	Jun 2019	70	53	7664.66	125
	Jul 2019	29	42	7659.70	111
	Aug 2019	20	38	7652.41	93
	Sep 2019	17	30	7647.21	80
	WY 2019	**277**	**222**		
	Oct 2019	16	17	7646.45	79
	Nov 2019	9	2	7649.37	85

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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December 2017 24-Month Study

Most Probable Inflow*

Navajo Reservoir

	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azetea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Farmington Flow (1000 Ac-Ft)
*	Dec 2016	26	0	22	1	0	21	6055.92	1297	39
H	Jan 2017	34	0	32	1	0	22	6056.65	1306	37
I	Feb 2017	56	1	62	1	1	27	6059.31	1339	47
S	Mar 2017	176	17	159	2	6	30	6068.54	1460	98
T	Apr 2017	235	33	193	3	19	33	6078.18	1598	132
O	May 2017	261	45	195	4	25	228	6073.94	1536	310
R	Jun 2017	231	46	166	5	40	259	6063.90	1398	458
I	Jul 2017	49	11	48	4	43	38	6061.00	1361	95
C	Aug 2017	30	5	38	4	35	36	6058.07	1323	57
A	Sep 2017	9	2	33	3	23	42	6055.28	1289	46
	WY 2017	**1157**	**160**	**991**	**28**	**198**	**785**			**1409**
L	Oct 2017	38	2	49	2	8	32	6055.89	1296	52
*	Nov 2017	19	0	16	1	0	25	6055.04	1286	41
	Dec 2017	19	0	15	1	0	25	6054.23	1276	37
	Jan 2018	18	0	15	1	0	25	6053.40	1266	36
	Feb 2018	21	0	19	1	0	22	6053.04	1262	32
	Mar 2018	51	2	44	2	5	25	6054.11	1275	39
	Apr 2018	96	15	70	2	21	24	6055.98	1298	54
	May 2018	166	37	117	3	35	25	6060.25	1351	110
	Jun 2018	134	32	103	4	51	30	6061.62	1369	120
	Jul 2018	34	6	52	4	56	36	6058.19	1325	71
	Aug 2018	31	1	55	3	47	41	6055.18	1288	65
	Sep 2018	30	1	47	3	26	35	6053.83	1271	54
	WY 2018	**657**	**98**	**601**	**27**	**250**	**342**			**708**
	Oct 2018	37	2	40	2	10	27	6054.05	1274	47
	Nov 2018	30	1	23	1	0	24	6053.94	1273	39
	Dec 2018	25	0	20	1	0	25	6053.56	1268	40
	Jan 2019	22	0	18	1	0	25	6053.00	1261	38
	Feb 2019	30	0	27	1	0	22	6053.34	1265	35
	Mar 2019	92	2	83	2	5	25	6057.57	1317	47
	Apr 2019	170	14	134	3	21	27	6064.12	1401	80
	May 2019	277	37	201	4	36	174	6063.16	1389	321
	Jun 2019	224	32	174	4	52	238	6053.65	1269	389
	Jul 2019	66	6	72	4	57	28	6052.28	1253	95
	Aug 2019	45	1	62	3	48	34	6050.35	1230	72
	Sep 2019	43	1	55	3	26	27	6050.24	1228	60
	WY 2019	**1062**	**96**	**912**	**26**	**254**	**674**			**1262**
	Oct 2019	47	2	47	2	10	25	6051.17	1239	53
	Nov 2019	34	1	26	1	0	24	6051.27	1241	42

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

December 2017 24-Month Study

Most Probable Inflow*

Lake Powell

	Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry Gage (1000 Ac-Ft)
*	Dec 2016	300	366	26	898	0	898	3600.49	4997	11797	913
H	Jan 2017	359	415	8	880	0	880	3595.86	4962	11359	900
I	Feb 2017	555	565	8	711	0	711	3594.33	4951	11217	720
S	Mar 2017	1112	895	14	722	0	722	3595.91	4963	11364	730
T	Apr 2017	1608	1494	23	623	0	623	3604.14	5026	12149	629
O	May 2017	2377	2321	29	652	0	652	3619.09	5147	13667	658
R	Jun 2017	3115	2680	51	749	0	749	3634.89	5286	15408	763
I	Jul 2017	1073	889	64	850	0	850	3634.69	5284	15385	875
C	Aug 2017	446	495	63	900	0	900	3630.88	5250	14952	930
A	Sep 2017	196	410	57	663	0	663	3628.31	5227	14664	677
	WY 2017	**11905**	**11396**	**409**	**8874**	**126**	**9000**				**9158**
L	Oct 2017	449	533	39	640	0	640	3627.09	5216	14530	644
*	Nov 2017	387	454	37	630	0	630	3625.29	5200	14332	629
	Dec 2017	360	540	29	740	0	740	3623.33	5183	14119	746
	Jan 2018	340	495	9	860	0	860	3620.09	5156	13773	866
	Feb 2018	360	472	10	730	0	730	3617.74	5136	13526	732
	Mar 2018	520	519	16	800	0	800	3615.10	5114	13251	805
	Apr 2018	710	656	25	705	0	705	3614.44	5108	13182	713
	May 2018	1300	1067	30	705	0	705	3617.40	5133	13490	711
	Jun 2018	1800	1416	48	760	0	760	3622.71	5178	14053	766
	Jul 2018	750	789	58	860	0	860	3621.59	5168	13933	875
	Aug 2018	360	462	57	900	0	900	3617.26	5132	13475	914
	Sep 2018	300	411	52	670	0	670	3614.48	5109	13187	678
	WY 2018	**7636**	**7815**	**411**	**9000**	**0**	**9000**				**9079**
	Oct 2018	422	477	35	640	0	640	3612.69	5094	13003	646
	Nov 2018	431	486	34	640	0	640	3610.98	5080	12829	644
	Dec 2018	363	479	27	720	0	720	3608.51	5060	12581	726
	Jan 2019	361	470	8	860	0	860	3604.79	5031	12213	866
	Feb 2019	393	440	9	750	0	750	3601.74	5007	11917	752
	Mar 2019	665	600	14	800	0	800	3599.67	4991	11718	805
	Apr 2019	1056	877	23	710	0	710	3601.07	5002	11852	718
	May 2019	2343	2100	28	710	0	710	3613.76	5103	13113	716
	Jun 2019	2666	2351	48	750	0	750	3627.28	5218	14551	756
	Jul 2019	1091	1037	61	850	0	850	3628.34	5227	14668	865
	Aug 2019	500	592	60	900	0	900	3625.24	5200	14327	914
	Sep 2019	408	514	55	670	0	670	3623.44	5184	14132	679
	WY 2019	**10698**	**10423**	**402**	**9000**	**0**	**9000**				**9086**
	Oct 2019	512	568	38	640	0	640	3622.50	5176	14030	646
	Nov 2019	473	515	36	640	0	640	3621.10	5164	13880	644

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

December 2017 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Glen Release (1000 Ac-Ft)	Side Inflow Glen to Hoover (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Dec 2016	898	63	36	542	8.8	8	536	655	1080.82	10079
H	Jan 2017	880	128	30	500	8.1	7	494	684	1086.08	10521
I	Feb 2017	711	150	28	488	8.8	7	487	704	1089.78	10838
S	Mar 2017	722	97	32	911	14.8	16	910	696	1088.26	10707
T	Apr 2017	623	92	39	961	16.1	20	960	677	1084.89	10420
O	May 2017	652	39	44	917	14.9	29	915	659	1081.56	10141
R	Jun 2017	749	17	53	864	14.5	29	864	648	1079.52	9971
I	Jul 2017	850	89	66	885	14.4	31	885	646	1079.03	9931
C	Aug 2017	900	94	70	683	11.1	28	683	658	1081.44	10131
A	Sep 2017	663	70	58	600	10.1	21	596	662	1082.05	10182
	WY 2017	**9000**	**994**	**541**	**8620**		**235**	**8596**			
L	Oct 2017	640	44	43	596	9.7	23	595	663	1082.30	10202
*	Nov 2017	630	40	42	731	12.3	16	730	656	1080.95	10090
	Dec 2017	740	51	37	580	9.4	14	580	666	1082.75	10240
	Jan 2018	860	64	30	485	7.9	12	485	690	1087.15	10612
	Feb 2018	730	72	28	657	11.8	14	657	696	1088.28	10709
	Mar 2018	800	46	31	1048	17.0	21	1048	681	1085.47	10469
	Apr 2018	705	39	39	1051	17.7	23	1051	658	1081.35	10123
	May 2018	705	26	44	962	15.6	27	962	640	1077.93	9840
	Jun 2018	760	10	52	872	14.7	33	872	628	1075.78	9664
	Jul 2018	860	77	65	833	13.6	36	833	628	1075.81	9666
	Aug 2018	900	127	70	742	12.1	34	742	639	1077.89	9837
	Sep 2018	670	110	57	741	12.4	27	741	637	1077.38	9795
	WY 2018	**9000**	**706**	**539**	**9297**		**282**	**9295**			
	Oct 2018	640	71	42	535	8.7	28	535	643	1078.59	9894
	Nov 2018	640	65	42	698	11.7	21	698	640	1077.95	9842
	Dec 2018	720	51	36	625	10.2	14	625	646	1079.04	9931
	Jan 2019	860	64	30	627	10.2	12	627	661	1081.91	10170
	Feb 2019	750	72	28	697	12.6	14	697	666	1082.84	10247
	Mar 2019	800	46	31	1058	17.2	21	1058	650	1079.86	9999
	Apr 2019	710	39	38	1060	17.8	23	1060	627	1075.60	9650
	May 2019	710	26	43	964	15.7	27	964	609	1072.15	9371
	Jun 2019	750	10	51	875	14.7	33	875	597	1069.80	9184
	Jul 2019	850	77	63	833	13.5	36	833	597	1069.74	9179
	Aug 2019	900	127	68	729	11.9	34	729	609	1072.05	9363
	Sep 2019	670	110	56	744	12.5	27	744	606	1071.51	9320
	WY 2019	**9000**	**757**	**527**	**9445**		**291**	**9445**			
	Oct 2019	640	71	41	506	8.2	28	506	614	1073.10	9448
	Nov 2019	640	65	41	671	11.3	21	671	612	1072.77	9421

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

December 2017 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Dec 2016	542	-17	9	482	0	482	7.8	641.31	1653
H	Jan 2017	500	-23	10	408	0	408	6.6	643.47	1712
I	Feb 2017	488	-13	10	486	0	486	8.7	642.70	1690
S	Mar 2017	911	-27	13	844	0	844	13.7	643.70	1718
T	Apr 2017	961	-23	17	955	0	955	16.1	642.45	1684
O	May 2017	917	-13	22	846	0	846	13.8	643.74	1719
R	Jun 2017	864	-6	25	853	0	853	14.3	643.01	1699
I	Jul 2017	885	-5	26	809	0	809	13.2	644.65	1744
C	Aug 2017	683	-8	23	707	0	707	11.5	642.64	1689
A	Sep 2017	600	-11	18	656	0	656	11.0	639.47	1603
	WY 2017	**8620**	**-183**	**199**	**8261**	**0**	**8261**			
L	Oct 2017	596	-2	15	671	0	671	10.9	636.00	1512
*	Nov 2017	731	-18	11	595	0	595	10.0	640.07	1619
	Dec 2017	580	-10	9	549	0	549	8.9	640.50	1631
	Jan 2018	485	-19	10	429	0	429	7.0	641.50	1658
	Feb 2018	657	-16	10	623	0	623	11.2	641.80	1666
	Mar 2018	1048	-16	13	984	0	984	16.0	643.05	1700
	Apr 2018	1051	-20	17	1016	0	1016	17.1	643.00	1699
	May 2018	962	-13	22	927	0	927	15.1	643.00	1699
	Jun 2018	872	-18	25	856	0	856	14.4	642.00	1671
	Jul 2018	833	-16	25	806	0	806	13.1	641.50	1658
	Aug 2018	742	-12	23	707	0	707	11.5	641.50	1658
	Sep 2018	741	-11	18	751	0	751	12.6	640.01	1617
	WY 2018	**9297**	**-171**	**197**	**8913**	**0**	**8913**			
	Oct 2018	535	-4	15	700	0	700	11.4	633.00	1434
	Nov 2018	698	-11	10	625	0	625	10.5	635.00	1486
	Dec 2018	625	-10	9	509	0	509	8.3	638.71	1583
	Jan 2019	627	-19	10	516	0	516	8.4	641.80	1666
	Feb 2019	697	-16	10	613	58	671	12.1	641.80	1666
	Mar 2019	1058	-16	13	994	0	994	16.2	643.05	1700
	Apr 2019	1060	-20	17	1024	0	1024	17.2	643.00	1699
	May 2019	964	-13	22	929	0	929	15.1	643.00	1699
	Jun 2019	875	-18	25	860	0	860	14.4	642.00	1671
	Jul 2019	833	-16	25	805	0	805	13.1	641.50	1658
	Aug 2019	729	-12	23	694	0	694	11.3	641.50	1658
	Sep 2019	744	-11	18	755	0	755	12.7	640.01	1617
	WY 2019	**9445**	**-166**	**197**	**9023**	**58**	**9081**			
	Oct 2019	506	-4	15	670	0	670	10.9	633.00	1434
	Nov 2019	671	-11	10	598	0	598	10.1	635.00	1486

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

December 2017 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	Dec 2016	482	26	7	271	4.4	86	118	447.64	573	112	1.8
H	Jan 2017	408	33	6	244	4.0	68	126	447.29	567	126	2.1
I	Feb 2017	486	14	8	393	7.1	13	62	448.30	586	160	2.9
S	Mar 2017	844	11	9	687	11.2	24	136	447.83	577	203	3.3
T	Apr 2017	955	13	11	729	12.3	42	160	448.73	594	181	3.0
O	May 2017	846	22	13	634	10.3	44	175	448.31	586	111	1.8
R	Jun 2017	853	0	15	689	11.6	58	79	448.41	588	126	2.1
I	Jul 2017	809	18	17	666	10.8	58	71	448.63	592	131	2.1
C	Aug 2017	707	11	17	570	9.3	58	70	448.28	585	102	1.7
A	Sep 2017	656	16	15	481	8.1	56	134	447.17	564	104	1.7
	WY 2017	**8261**	**219**	**140**	**6204**		**665**	**1406**			**1513**	
L	Oct 2017	671	9	12	478	7.8	69	131	446.27	548	65	1.1
*	Nov 2017	595	12	9	349	5.9	89	127	447.86	577	99	1.7
	Dec 2017	549	19	7	329	5.3	99	149	446.80	557	109	1.8
	Jan 2018	429	17	6	323	5.3	29	89	446.50	552	138	2.2
	Feb 2018	623	10	8	496	8.9	12	110	446.50	552	160	2.9
	Mar 2018	984	7	9	725	11.8	63	181	446.70	555	198	3.2
	Apr 2018	1016	19	11	720	12.1	83	174	448.70	593	175	2.9
	May 2018	927	15	13	645	10.5	85	186	448.70	593	104	1.7
	Jun 2018	856	15	16	687	11.5	83	73	448.70	593	105	1.8
	Jul 2018	806	26	17	656	10.7	85	74	448.00	580	111	1.8
	Aug 2018	707	25	17	595	9.7	85	33	447.50	571	100	1.6
	Sep 2018	751	20	15	524	8.8	64	159	447.50	570	89	1.5
	WY 2018	**8913**	**195**	**139**	**6527**		**847**	**1485**			**1454**	
	Oct 2018	700	28	12	481	7.8	58	170	447.50	571	74	1.2
	Nov 2018	625	19	9	407	6.8	57	164	447.50	571	116	1.9
	Dec 2018	509	19	7	317	5.2	58	161	446.50	552	131	2.1
	Jan 2019	516	17	6	324	5.3	76	122	446.50	552	138	2.2
	Feb 2019	671	10	8	496	8.9	50	122	446.50	552	160	2.9
	Mar 2019	994	7	9	722	11.7	67	190	446.70	555	198	3.2
	Apr 2019	1024	19	11	715	12.0	85	185	448.70	593	175	2.9
	May 2019	929	15	13	641	10.4	87	190	448.70	593	104	1.7
	Jun 2019	860	15	16	680	11.4	85	80	448.70	593	105	1.8
	Jul 2019	805	26	17	648	10.5	87	80	448.00	580	111	1.8
	Aug 2019	694	25	17	583	9.5	87	30	447.50	571	100	1.6
	Sep 2019	755	20	15	512	8.6	85	154	447.50	570	89	1.5
	WY 2019	**9081**	**220**	**139**	**6526**		**882**	**1648**			**1500**	
	Oct 2019	670	28	12	490	8.0	47	142	447.50	571	74	1.2
	Nov 2019	598	19	9	413	6.9	47	142	447.50	571	116	1.9

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

December 2017 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Dec 2016	542	8.8	1080.82	10079	352	438.26	1103.0	207.3	71	382.3
H	Jan 2017	500	8.1	1086.08	10521	442	442.12	857.0	192.4	55	384.9
I	Feb 2017	488	8.8	1089.78	10838	317	446.75	938.0	190.4	58	390.4
S	Mar 2017	911	14.8	1088.26	10707	-131	440.44	1291.1	362.0	79	397.2
T	Apr 2017	961	16.1	1084.89	10420	-287	439.75	1227.0	381.0	76	396.5
O	May 2017	917	14.9	1081.56	10141	-280	434.83	1307.0	360.6	80	393.4
R	Jun 2017	864	14.5	1079.52	9971	-169	433.52	1500.0	335.0	94	387.5
I	Jul 2017	885	14.4	1079.03	9931	-40	432.24	1499.0	341.1	94	385.5
C	Aug 2017	683	11.1	1081.44	10131	200	436.25	1478.1	261.0	93	382.0
A	Sep 2017	600	10.1	1082.05	10182	51	440.10	976.1	230.7	66	384.8
	WY 2017	**8620**							**3347.1**		
L	Oct 2017	596	9.7	1082.30	10202	21	441.43	976.1	229.0	66	384.2
*	Nov 2017	731	12.3	1080.95	10090	-113	435.01	996.0	287.9	63	393.6
	Dec 2017	580	9.4	1082.75	10240	150	435.32	821.0	229.0	52	395.0
	Jan 2018	485	7.9	1087.15	10612	372	437.32	926.9	192.4	57	397.1
	Feb 2018	657	11.8	1088.28	10709	97	438.45	1109.9	261.6	68	398.4
	Mar 2018	1048	17.0	1085.47	10469	-239	436.41	1203.1	418.7	75	399.6
	Apr 2018	1051	17.7	1081.35	10123	-347	432.55	1188.0	418.4	75	398.0
	May 2018	962	15.6	1077.93	9840	-283	426.74	1477.0	372.8	95	387.6
	Jun 2018	872	14.7	1075.78	9664	-176	423.73	1549.0	332.2	100	381.0
	Jul 2018	833	13.6	1075.81	9666	2	423.17	1549.0	321.5	100	385.7
	Aug 2018	742	12.1	1077.89	9837	170	424.38	1562.0	283.4	100	382.1
	Sep 2018	741	12.4	1077.38	9795	-42	425.64	1559.0	284.8	100	384.5
	WY 2018	**9297**							**3631.7**		
	Oct 2018	535	8.7	1078.59	9894	99	430.85	1166.0	204.5	74	381.8
	Nov 2018	698	11.7	1077.95	9842	-52	432.73	1265.0	272.5	81	390.6
	Dec 2018	625	10.2	1079.04	9931	90	431.80	1168.0	243.9	74	390.1
	Jan 2019	627	10.2	1081.91	10170	238	433.42	903.0	248.2	57	395.6
	Feb 2019	697	12.6	1082.84	10247	78	434.84	826.0	281.7	52	404.1
	Mar 2019	1058	17.2	1079.86	9999	-248	432.79	908.0	429.5	57	406.0
	Apr 2019	1060	17.8	1075.60	9650	-349	427.00	1156.0	417.1	74	393.6
	May 2019	964	15.7	1072.15	9371	-279	421.03	1440.4	368.6	95	382.5
	Jun 2019	875	14.7	1069.80	9184	-187	417.91	1509.0	329.1	100	375.9
	Jul 2019	833	13.5	1069.74	9179	-5	417.20	1508.7	316.5	100	380.2
	Aug 2019	729	11.9	1072.05	9363	184	418.48	1521.7	274.2	100	376.2
	Sep 2019	744	12.5	1071.51	9320	-43	419.84	1518.7	282.3	100	379.6
	WY 2019	**9445**							**3668.1**		
	Oct 2019	506	8.2	1073.10	9448	128	425.21	1136.0	195.6	74	386.7
	Nov 2019	671	11.3	1072.77	9421	-27	427.44	1231.8	257.9	81	384.3

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

December 2017 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Dec 2016	482	7.8	641.31	1653	33	138.48	168.3	61.4	66	127.3
H	Jan 2017	408	6.6	643.47	1712	59	143.95	164.5	54.6	65	133.8
I	Feb 2017	486	8.7	642.70	1690	-21	141.54	162.1	63.8	64	131.4
S	Mar 2017	844	13.7	643.70	1718	28	141.08	194.1	109.6	76	129.9
T	Apr 2017	955	16.1	642.45	1684	-34	138.31	204.0	131.0	80	137.2
O	May 2017	846	13.8	643.74	1719	35	142.74	232.0	108.4	91	128.1
R	Jun 2017	853	14.3	643.01	1699	-20	141.59	255.0	107.4	100	126.0
I	Jul 2017	809	13.2	644.65	1744	45	143.65	255.0	101.5	100	125.5
C	Aug 2017	707	11.5	642.64	1689	-55	143.10	255.0	89.9	100	127.1
A	Sep 2017	656	11.0	639.47	1603	-86	138.07	253.3	83.2	99	126.8
	WY 2017	**8261**							**1061.4**		
L	Oct 2017	671	10.9	636.00	1512	-91	134.26	179.3	81.3	70	121.3
*	Nov 2017	595	10.0	640.07	1619	107	138.81	151.3	73.1	59	122.7
	Dec 2017	549	8.9	640.50	1631	12	137.11	131.6	68.6	52	124.9
	Jan 2018	429	7.0	641.50	1658	27	136.18	179.3	54.2	70	126.4
	Feb 2018	623	11.2	641.80	1666	8	139.27	111.1	78.0	44	125.3
	Mar 2018	984	16.0	643.05	1700	34	138.04	166.2	122.5	65	124.5
	Apr 2018	1016	17.1	643.00	1699	-1	137.36	207.4	126.6	81	124.7
	May 2018	927	15.1	643.00	1699	0	137.43	204.0	116.1	80	125.3
	Jun 2018	856	14.4	642.00	1671	-27	135.51	255.0	107.0	100	125.0
	Jul 2018	806	13.1	641.50	1658	-14	134.73	255.0	100.5	100	124.8
	Aug 2018	707	11.5	641.50	1658	0	134.46	255.0	88.4	100	125.1
	Sep 2018	751	12.6	640.01	1617	-40	133.68	255.0	93.2	100	124.0
	WY 2018	**8913**							**1109.5**		
	Oct 2018	700	11.4	633.00	1434	-183	130.74	202.3	84.4	79	120.6
	Nov 2018	625	10.5	635.00	1486	51	129.19	170.0	74.2	67	118.7
	Dec 2018	509	8.3	638.71	1583	97	132.25	167.8	62.2	66	122.1
	Jan 2019	516	8.4	641.80	1666	83	135.41	179.3	64.5	70	125.1
	Feb 2019	613	11.0	641.80	1666	0	139.11	111.1	77.0	44	125.5
	Mar 2019	994	16.2	643.05	1700	34	138.04	166.2	123.7	65	124.4
	Apr 2019	1024	17.2	643.00	1699	-1	137.36	207.4	127.6	81	124.6
	May 2019	929	15.1	643.00	1699	0	137.43	204.0	116.3	80	125.2
	Jun 2019	860	14.4	642.00	1671	-27	135.51	255.0	107.4	100	125.0
	Jul 2019	805	13.1	641.50	1658	-14	134.73	255.0	100.4	100	124.8
	Aug 2019	694	11.3	641.50	1658	0	134.46	255.0	86.8	100	125.2
	Sep 2019	755	12.7	640.01	1617	-40	133.68	255.0	93.6	100	124.0
	WY 2019	**9023**							**1118.2**		
	Oct 2019	670	10.9	633.00	1434	-183	130.74	202.3	81.0	79	120.8
	Nov 2019	598	10.1	635.00	1486	51	129.19	170.0	71.1	67	118.9

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3048

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

December 2017 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Dec 2016	271	4.4	447.64	573	24	83.20	117.6	17.9	98	65.9
H	Jan 2017	244	4.0	447.29	567	-6	81.95	93.9	16.2	78	66.5
I	Feb 2017	393	7.1	448.30	586	19	82.67	90.0	27.9	75	71.0
S	Mar 2017	687	11.2	447.83	577	-9	79.98	90.0	48.8	75	71.1
T	Apr 2017	729	12.3	448.73	594	17	80.51	120.0	51.3	100	70.3
O	May 2017	634	10.3	448.31	586	-8	82.36	120.0	44.8	100	70.6
R	Jun 2017	689	11.6	448.41	588	2	80.56	120.0	48.1	100	69.9
I	Jul 2017	666	10.8	448.63	592	4	82.74	120.0	46.5	100	69.9
C	Aug 2017	570	9.3	448.28	585	-7	82.37	120.0	39.9	100	70.0
A	Sep 2017	481	8.1	447.17	564	-21	81.08	120.0	33.8	100	70.2
	WY 2017	**6204**							**434.1**		
L	Oct 2017	478	7.8	446.27	548	-17	80.03	92.9	33.6	77	70.4
*	Nov 2017	349	5.9	447.86	577	30	81.65	90.0	24.1	75	69.2
	Dec 2017	329	5.3	446.80	557	-20	75.98	92.9	21.2	77	64.4
	Jan 2018	323	5.3	446.50	552	-6	74.18	117.1	20.4	98	63.0
	Feb 2018	496	8.9	446.50	552	0	75.21	92.1	32.5	77	65.6
	Mar 2018	725	11.8	446.70	555	4	74.69	104.5	47.6	87	65.6
	Apr 2018	720	12.1	448.70	593	38	75.08	120.0	47.4	100	65.8
	May 2018	645	10.5	448.70	593	0	76.05	120.0	42.8	100	66.3
	Jun 2018	687	11.5	448.70	593	0	76.05	120.0	45.7	100	66.5
	Jul 2018	656	10.7	448.00	580	-13	75.71	120.0	43.3	100	66.1
	Aug 2018	595	9.7	447.50	571	-9	75.13	120.0	38.9	100	65.4
	Sep 2018	524	8.8	447.50	570	0	74.89	120.0	34.1	100	65.0
	WY 2018	**6527**							**431.7**		
	Oct 2018	481	7.8	447.50	571	0	76.19	91.9	31.7	77	65.9
	Nov 2018	407	6.8	447.50	571	0	75.83	99.0	26.5	83	65.2
	Dec 2018	317	5.2	446.50	552	-19	74.40	120.0	20.0	100	63.0
	Jan 2019	324	5.3	446.50	552	0	75.02	95.8	20.6	80	63.7
	Feb 2019	496	8.9	446.50	552	0	75.21	92.1	32.5	77	65.6
	Mar 2019	722	11.7	446.70	555	4	74.34	112.3	47.1	94	65.3
	Apr 2019	715	12.0	448.70	593	38	75.08	120.0	47.1	100	65.8
	May 2019	641	10.4	448.70	593	0	76.05	120.0	42.5	100	66.3
	Jun 2019	680	11.4	448.70	593	0	76.05	120.0	45.2	100	66.5
	Jul 2019	648	10.5	448.00	580	-13	75.71	120.0	42.8	100	66.1
	Aug 2019	583	9.5	447.50	571	-9	75.13	120.0	38.1	100	65.4
	Sep 2019	512	8.6	447.50	570	0	74.89	120.0	33.3	100	65.0
	WY 2019	**6526**							**427.5**		
	Oct 2019	490	8.0	447.50	571	0	76.29	90.0	32.4	75	66.1
	Nov 2019	413	6.9	447.50	571	0	76.14	93.0	27.1	78	65.5

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

December 2017 24-Month Study

Most Probable Inflow*

Upper Basin Power

	Date	Glen Canyon 1000 MWHR	Flaming Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Reservoir 1000 MWHR	Fontenelle Reservoir 1000 MWHR
*	Dec 2016	395	41	10	11	6	0
H	Jan 2017	385	43	10	11	5	0
I	Feb 2017	307	43	13	19	10	0
S	Mar 2017	312	97	19	22	0	0
	Winter 2017	**1945**	**289**	**87**	**107**	**46**	**0**
T	Apr 2017	270	102	15	22	6	0
O	May 2017	291	105	43	72	17	4
R	Jun 2017	346	102	40	66	8	6
I	Jul 2017	399	71	35	13	18	8
C	Aug 2017	421	56	34	0	22	9
A	Sep 2017	306	56	35	33	22	6
	Summer 2017	**2033**	**492**	**202**	**207**	**93**	**33**
L	Oct 2017	294	42	30	37	21	7
*	Nov 2017	288	55	12	14	8	7
	Dec 2017	308	63	27	32	16	7
	Jan 2018	356	63	19	23	12	6
	Feb 2018	300	57	11	14	8	5
	Mar 2018	328	48	12	15	8	6
	Winter 2018	**1874**	**328**	**111**	**136**	**73**	**38**
	Apr 2018	288	46	15	22	12	6
	May 2018	288	48	28	40	23	7
	Jun 2018	313	71	15	23	15	8
	Jul 2018	356	80	25	31	16	10
	Aug 2018	370	37	27	32	16	10
	Sep 2018	274	36	24	28	15	6
	Summer 2018	**1889**	**318**	**134**	**177**	**98**	**46**
	Oct 2018	260	37	16	20	10	6
	Nov 2018	260	36	14	17	9	6
	Dec 2018	290	37	22	28	14	6
	Jan 2019	345	37	20	26	13	5
	Feb 2019	299	33	9	12	6	4
	Mar 2019	317	37	9	13	7	5
	Winter 2019	**1771**	**217**	**91**	**115**	**60**	**32**
	Apr 2019	281	36	12	19	11	5
	May 2019	285	37	45	64	23	7
	Jun 2019	309	58	25	36	22	8
	Jul 2019	356	55	31	38	21	10
	Aug 2019	376	36	34	40	21	10
	Sep 2019	278	35	29	34	18	7
	Summer 2019	**1607**	**222**	**147**	**198**	**98**	**39**
	Oct 2019	265	36	20	24	13	7
	Nov 2019	264	36	11	13	7	6

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

December 2017 24-Month Study

Most Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions

Date	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Total KAF	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****CREDITABLE SPACE****										
Dec 2017	425	171	410	9990	10996	17287	28283	425	171	410	1006	9990	17287	28283	4580	580	0	32.2
Jan 2018	541	230	420	10203	11393	17137	28530	541	230	420	1191	10203	17137	28530	5350	485	0	32.1
								****EFFECTIVE SPACE****										
Jan 2018	541	230	420	10203	11393	17137	28530	140	151	235	526	10203	17137	27865	5350	485	0	32.1
Feb 2018	650	268	430	10549	11897	16765	28661	250	189	244	684	10549	16765	27997	1500	657	0	31.8
Mar 2018	746	281	434	10796	12258	16668	28926	346	205	247	798	10796	16668	28263	1500	1048	0	31.3
Apr 2018	761	287	421	11071	12541	16908	29448	357	212	228	796	11071	16908	28775	1500	1051	0	31.0
May 2018	758	278	398	11140	12574	17254	29828	348	203	182	733	11140	17254	29127	1500	962	0	31.2
Jun 2018	660	233	345	10832	12070	17537	29607	239	148	90	477	10832	17537	28847	1500	872	0	31.9
Jul 2018	467	94	327	10269	11158	17713	28871	32	-7	17	41	10269	17713	28024	1500	833	0	31.8
								****CREDITABLE SPACE****										
Aug 2018	450	96	371	10389	11306	17711	29017	450	96	371	917	10389	17711	29017	1500	742	0	31.4
Sep 2018	468	129	408	10847	11853	17540	29393	468	129	408	1005	10847	17540	29393	2270	741	0	30.9
Oct 2018	516	164	425	11135	12240	17582	29822	516	164	425	1104	11135	17582	29822	3040	535	0	30.6
Nov 2018	560	182	422	11319	12483	17483	29966	560	182	422	1164	11319	17483	29966	3810	698	0	30.3
Dec 2018	608	196	423	11493	12721	17535	30256	608	196	423	1228	11493	17535	30256	4580	625	0	30.1
Jan 2019	676	245	428	11741	13090	17446	30536	676	245	428	1349	11741	17446	30536	5350	627	0	30.0
								****EFFECTIVE SPACE****										
Jan 2019	676	245	428	11741	13090	17446	30536	365	245	172	783	11741	17446	29969	5350	627	0	30.0
Feb 2019	738	289	435	12109	13572	17207	30779	426	289	178	894	12109	17207	30211	1500	697	0	29.7
Mar 2019	788	295	431	12405	13918	17130	31047	473	295	173	942	12405	17130	30476	1500	1058	0	29.3
Apr 2019	791	289	379	12604	14062	17378	31440	473	289	115	876	12604	17378	30858	1500	1060	0	29.3
May 2019	762	257	295	12470	13784	17727	31511	437	257	7	702	12470	17727	30899	1500	964	0	30.5
Jun 2019	631	198	307	11209	12346	18006	30352	294	198	-19	472	11209	18006	29687	1500	875	0	32.0
Jul 2019	415	39	427	9771	10652	18193	28845	61	18	44	123	9771	18193	28088	1500	833	0	32.1
								****CREDITABLE SPACE****										
Aug 2019	370	21	443	9654	10488	18198	28686	370	21	443	834	9654	18198	28686	1500	729	0	31.8
Sep 2019	395	57	466	9995	10914	18014	28928	395	57	466	918	9995	18014	28928	2270	744	0	31.4
Oct 2019	447	105	468	10190	11210	18057	29267	447	105	468	1019	10190	18057	29267	3040	506	0	31.2
Nov 2019	494	131	457	10292	11374	17929	29303	494	131	457	1082	10292	17929	29303	3810	671	0	31.0

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3048

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January 24-Month Study
Date: January 12, 2018

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

Reservoir	December Inflow (unregulated) (acre-feet)	Percent of Average (%)	January 11, Midnight Elevation (feet)	January 11, Midnight Reservoir Storage (acre-feet)
Fontenelle	46,000	144	6,484.14	190,000
Flaming Gorge	52,000	150	6,029.05	3,312,000
Blue Mesa	25,000	102	7,489.45	577,000
Navajo	10,000	39	6,053.26	1,264,000
Powell	299,000	82	3,621.63	13,937,000

Expected Operations

The operation of Lake Powell and Lake Mead in this January 2018 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines), and reflects the 2018 Annual Operating Plan (AOP). Pursuant to the Interim Guidelines, the August 2017 24-Month Study projections of the January 1, 2018, system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2018.

Consistent with Section 6.B of the Interim Guidelines, Lake Powell's operations in water year 2018 will be governed by the Upper Elevation Balancing Tier, with an initial water year release volume of 8.23 million acre-feet (maf) and the potential for an April adjustment to equalization or balancing releases in April 2018. This January 2018 24-Month Study indicates that, consistent with Section 6.B.4 of the Interim Guidelines, an April adjustment to balancing releases is projected to occur and Lake Powell is projected to release 9.0 maf in water year 2018.

Consistent with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar year 2018.

The Interim Guidelines are available for download at:
https://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The 2018 AOP is available for download at:
https://www.usbr.gov/lc/region/g4000/aop/AOP18.pdf

Fontenelle Reservoir – Fontenelle Reservoir is currently at elevation 6484 feet above sea level (feet), which amounts to 56 percent of live storage capacity. Inflows for the month of December totaled 46,000 acre-feet (af), or 144 percent of average. Releases have been set to 1,300 cubic feet per second (cfs) and are forecasted to remain at this level through the winter.

The Colorado Basin River Forecast Center has forecasted spring inflows that are above average. January, February, and March forecasted inflow volumes amount to 44,000 af (145 percent of average), 40,000 af (145 percent of average), and 60,000 af (114 percent of average), respectively.

The next Fontenelle Working Group meeting is scheduled for 10:00 a.m., April 17, 2018. The meeting will be held at Seedskadee Wildlife Refuge Headquarters, Wyoming. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir.

Flaming Gorge Reservoir – Releases are currently 2,800 cfs and expected to remain at this level through February, subject to hydrology.

Unregulated inflow into Flaming Gorge Reservoir during the month of December was 52,000 af, or 149 percent of average. The reservoir elevation is 6,029 feet (89 percent of live storage capacity) and decreasing.

The January final forecast for inflows for the next three months projects above average conditions: January, February and March forecasted inflow volumes at 59,000 af (146 percent of average), 57,000 af (128 percent of average), and 106,000 af (104 percent of average), respectively.

The January water supply forecast of the April through July unregulated inflow volume into Flaming Gorge Reservoir is 1 million acre-feet (102 percent of average). Current snowpack is 97 percent of median for the Upper Green Basin. The Upper Green is doing well compared against the southern portion of the Upper Colorado River Basin.

The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stakeholders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations and plans presented by Reclamation at these meetings. Meeting notes from past Working Group meetings are posted on the Working Group webpage. For more information on this group and these meetings please contact Dale Hamilton at 801-379-1186 or Heather Patno at 801-524-3883.

Reclamation will be holding the next Flaming Gorge Working Group meeting on Thursday, March 8, 2018, at 7:00 p.m. at the Lighthouse Learning Center High School (gymnasium), 251 West 400 North, Price, Utah, and the next on April 19, 2018, at 11:00 a.m. at the UDWR offices 318 North Vernal Ave, Vernal, Utah.

Aspinall Unit Reservoirs – Releases from Crystal Dam are approximately 900 cfs. Uncompahgre Valley Water Users Association shut down the Gunnison Tunnel on November 1, 2017 so all releases from Crystal are now flowing through the Black Canyon. Blue Mesa Reservoir elevation is 7589 feet which corresponds to a storage content 577,000 acre-feet (69 percent of live storage capacity). Releases from Crystal will remain at the current level to the end of January. In February, releases will likely be decreased to approximately 750 cfs.

The December unregulated inflow to Blue Mesa Reservoir was 24,636 af (102 percent of average). Unregulated Inflows to Blue Mesa for the next three months (January, February and March) are projected to be: 24,000 af (100 percent of average), 21,000 af (95 percent of average) and 31,000 af (86 percent of average), respectively.

Snow accumulation so far this winter has been well below normal for this time of year. As of January 11, 2018 the snowpack above Crystal Reservoir is 48 percent of median. For water year 2018, the unregulated inflow volume is forecasted to be 679,000 af (71 percent of average) with 435,000 af (64 percent of average) forecasted unregulated inflow during the April through July period. The January 24-Month Study is reflective of this new forecast.

The Aspinall Unit Working Group is an open public forum for information exchange between Reclamation and the stakeholders of the Aspinall Unit. The public is encouraged to attend and comments on the operations and plans presented by Reclamation at these meetings. Meeting notes from past working Group meetings are posted on the Working Group webpage. For more information on this group and these meetings please contact Erik Knight in the Grand Junction Area Office at (970) 248-0629.

Meeting notes from past working Group meetings are posted on the Working Group webpage at:

https://www.usbr.gov/uc/wcao/water/rsvrs/mtgs/amcurrnt.html

The next meeting of the Aspinall Unit Working Group will be held on Thursday, January 18th, 2018 at 1:00 p.m. at the Holiday Inn Express located in Montrose, Colorado.

Navajo Reservoir – The daily average release from Navajo is 380 cfs, and the observed inflow is 210 cfs. The reservoir elevation is 6053.4 feet (1,265,600 af), and is 74 percent full (58 percent of active storage). The San Juan River at Four Corners USGS gage is at 690 cfs. The Animas River at Farmington USGS gage is at 230 cfs. Releases are made for the authorized purposes of the Navajo Unit, and pursuant to the 2006 Record of Decision,

in an attempt to maintain a target base flow through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell). The San Juan River Basin Recovery Implementation Program (SJRIP) recommends a target base flow of between 500 cfs and 1,000 cfs through the critical habitat area. The target base flow is calculated as the weekly average of gaged flows throughout the critical habitat area.

Currently SNOTEL sites are showing an average of 2.7 inches of SWE above Navajo, which is 26 percent of the median and 13 percent of the seasonal median peak. Currently the closest comparable years are 2000, 2002, and 2006.

Modified unregulated inflow into Navajo for November was 10,440 af, which was 42 percent of average for the month. The most probable modified-unregulated inflow forecast for January at Navajo is 14,000 af (64 percent of average), for February is 16,000 af (53 percent of average), and for March is 40,000 af (43 percent of average). Releases for the remainder of the winter will be made to maintain the target baseflow in the critical habitat reach and will likely range between 400 and 600 cfs.

Reclamation conducts Public Operations Meetings three times per year to gather input for determining upcoming operations for Navajo Reservoir. Input from individuals, organizations, and agencies along with other factors such as weather, water rights, endangered species requirements, flood control, hydro power, recreation, fish and wildlife management, and reservoir levels, will be considered in the development of these reservoir operation plans. In addition, the meetings are used to coordinate activities and exchange information among agencies, water users, and other interested parties concerning the San Juan River and Navajo Reservoir.

The next Navajo Public Operations Coordination Meeting is scheduled for January 23rd, 2018, at 1:00 p.m. at the Farmington Civic Center, Farmington, NM.

Glen Canyon Dam / Lake Powell

Current Status
The unregulated inflow to Lake Powell in December was 299 thousand acre-feet (kaf) (82 percent of average). The release volume from Glen Canyon Dam in December was 740 kaf. The end of December elevation and storage of Lake Powell were 3,623 feet (77 feet from full pool) and 13.7 maf (56 percent of full capacity), respectively. The reservoir is declining and will continue to decline until spring runoff begins to enter the reservoir. The current snowpack above Lake Powell is 64 percent of average.

Current Operations
The operating tier for water year 2018 was established in August 2017 as the Upper Elevation Balancing Tier, with an initial water year release volume of 8.23 maf and the potential for an April 2018 adjustment to equalization or balancing releases. Based on the current forecast, an April adjustment to balancing is projected to occur and Lake Powell is currently projected to release 9.0 maf in water year 2018. This projection will be updated each month throughout the water year. Reclamation will schedule operations

at Glen Canyon Dam to achieve as practicably as possible the appropriate total annual release volume by September 30, 2018.

In January 2018, the release volume will be approximately 860 kaf, with fluctuations anticipated between approximately 9,100 cfs and 16,850 cfs and consistent with the Glen Canyon Dam, Record of Decision (dated December 2016). The anticipated release volume for February is approximately 730 kaf with daily fluctuations between approximately 10,500 cfs and 13,900 cfs. The expected release for March is 800 kaf with daily fluctuations between approximately 7,200 cfs and 16,000 cfs.

In addition to daily scheduled fluctuations for power generation, the instantaneous releases from Glen Canyon Dam may also fluctuate to provide 40 MW of system regulation. These instantaneous release adjustments stabilize the electrical generation and transmission system and translate to a range of up to about 1,200 cfs above or below the hourly scheduled release rate. Under system normal conditions, fluctuations for regulation are typically short lived and generally balance out over the hour with minimal or no noticeable impacts on downstream river flow conditions.

Releases from Glen Canyon Dam can also fluctuate beyond scheduled releases when called upon to respond to unscheduled power outages or power system emergencies. Depending on the severity of the system emergency, the response from Glen Canyon Dam can be significant, within the full range of the operating capacity of the power plant for as long as is necessary to maintain balance in the transmission system. Glen Canyon Dam currently maintains 27 MW (approximately 800 cfs) of generation capacity in reserve in order to respond to a system emergency even when generation rates are already high. System emergencies occur fairly infrequently and typically require small responses from Glen Canyon Dam. However, these responses can have a noticeable impact on the river downstream of Glen Canyon Dam.

Inflow Forecasts and Model Projections

The April to July 2018 water supply forecast for unregulated inflow to Lake Powell, issued on January 3, 2018, by the Colorado Basin River Forecast Center, projects that the most probable (median) unregulated inflow volume will be 3.9 maf (54 percent of average based on the period 1981-2010). The projected water year 2018 inflow is 6.75 maf (62 percent of average). At this early point in the season, there is still significant uncertainty regarding this year's water supply. The April-July forecast ranges from a minimum probable of 2.11 maf (29 percent of average) to a maximum probable of 9.8 maf (90 percent of average). There is a 10 percent chance that inflows could be higher than the current maximum probable forecast and a 10 percent chance that inflows could be lower than the minimum probable forecast.

Based on the current forecast, the January 24-Month Study projects Lake Powell elevation will end water year 2018 near 3,607 feet with approximately 12.4 maf in storage (51 percent of capacity). Note that projections of elevation and storage for water year 2018 have significant uncertainty at this point in the season. Projections of elevation and storage using the minimum and maximum probable inflow forecast, updated in January, are 3,591 feet (10.9 maf, 45 percent of capacity) and 3,628 feet (14.7 maf, 60 percent of capacity), respectively. Under these scenarios, there is a 10 percent chance

that inflows will be higher, resulting in higher elevation and storage, and 10 percent chance that inflows will be lower, potentially in lower elevation and storage. The annual release volume from Lake Powell during water year 2018 is projected to be 9.0 maf under the minimum, most, and maximum probable inflow scenarios. There is a chance that inflows could be higher or lower, potentially resulting in releases greater than 9.0 maf or as low as 8.23 maf in water year 2018. The minimum and maximum probable scenarios will be updated again in April.

Upper Colorado River Basin Hydrology

The Upper Colorado River Basin regularly experiences significant year to year hydrologic variability. During the 18-year period 2000 to 2017, however, the unregulated inflow to Lake Powell, which is a good measure of hydrologic conditions in the Colorado River Basin, was above average in only 4 out of the past 18 years. The period 2000-2017 is the lowest 18-year period since the closure of Glen Canyon Dam in 1963, with an average unregulated inflow of 8.76 maf, or 81percent of the 30-year average (1981-2010). (For comparison, the 1981-2010 total water year average is 10.83 maf.) The unregulated inflow during the 2000-2017 period has ranged from a low of 2.64 maf (24 percent of average) in water year 2002 to a high of 15.97 maf (147 percent of average) in water year 2011. In water year 2017 unregulated inflow volume to Lake Powell was 11.9 maf (110 percent of average), the fourth year to be above average. Under the current most probable forecast, the total water year 2018 unregulated inflow to Lake Powell is projected to be 6.75 maf (62 percent of average).

At the beginning of water year 2018, total system storage in the Colorado River Basin was 32.9 maf (55 percent of 59.6 maf total system capacity). This is an increase of 2.7 maf over the total storage at the beginning of water year 2017 when total system storage was 30.2 maf (51 percent of capacity). Since the beginning of water year 2000, total Colorado Basin storage has experienced year to year increases and decreases in response to wet and dry hydrology, ranging from a high of 94 percent of capacity at the beginning of 2000 to a low of 50 percent of capacity at the beginning of water year 2005. One wet year can significantly increase total system reservoir storage, just as persistent dry years can draw down the system storage. Based on current inflow forecasts, the current projected end of water year total Colorado Basin reservoir storage for water year 2018 is approximately 29.9 maf (50 percent of total system capacity). The actual end of water year 2018 system storage may vary from this projection, primarily due to uncertainty regarding this season's runoff and reservoir inflow. Based on the January minimum and maximum probable inflow forecasts and modeling, the range of end of water year 2018 total system capacity is approximately 28.0 maf (47 percent of capacity) to 32.7 maf (55 percent of capacity), respectively.

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-430
125 SOUTH STATE STREET, ROOM 8100
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-3709

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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:			Obs		dec	Forecast		Outlook		
:	sep	oct	nov	dec	%Avg	jan	feb	mar	apr-jul	%Avg
GLDA3:Lake Powell	196	449	387	299	82%:	310/	335/	475/	3900/:	54%
GBRW4:Fontenelle	66	73	62	46	144%:	44/	40/	60/	780/:	108%
GRNU1:Flaming Gorge	87	88	82	52	149%:	59/	57/	106/	1000/:	102%
BMDC2:Blue Mesa	35	37	32	26	101%:	24/	21/	31/	435/:	64%
MPSC2:Morrow Point	35	38	34	26	94%:	24/	21/	34/	470/:	64%
CLSC2:Crystal	39	43	38	29	89%:	26/	24/	39/	520/:	62%
TPIC2:Taylor Park	7.7	8.2	5.9	4.1	88%:	4.5/	4/	4/	76/:	77%
VCRC2:Vallecito	8.6	8.6	5.1	3.2	50%:	3.5/	3/	5/	100/:	52%
NVRN5:Navajo	8.7	38	18.8	9.9	39%:	14/	16/	40/	350/:	48%
LEMC2:Lemon	1.73	1.31	0.73	0.48	44%:	0.5/	0.5/	1/	27/:	49%
MPHC2:McPhee	8.4	2.9	2.2	2.1	48%:	3/	3/	8/	130/:	44%
RBSC2:Ridgway	5.3	6.3	5.0	3.7	82%:	3.5/	3/	5/	61/:	60%

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

January 2018 24-Month Study

Most Probable Inflow*

Fontenelle Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jan 2017	45	1	0	63	63	6483.20	184
H	Feb 2017	51	1	0	57	57	6482.06	178
I	Mar 2017	180	1	0	150	150	6486.90	207
S	Apr 2017	225	1	0	304	304	6472.17	128
T	May 2017	430	1	54	373	427	6472.55	129
O	Jun 2017	732	2	74	469	543	6502.49	317
R	Jul 2017	332	3	88	230	319	6503.83	328
I	Aug 2017	102	2	95	61	156	6496.34	271
C	Sep 2017	66	2	69	4	72	6495.21	263
	WY 2017	**2319**	**15**	**379**	**1890**	**2270**		
A	Oct 2017	73	1	80	0	80	6494.03	255
L	Nov 2017	62	1	78	0	78	6491.65	238
*	Dec 2017	46	1	72	8	80	6486.39	204
	Jan 2018	44	1	80	0	80	6480.16	168
	Feb 2018	40	0	73	0	73	6473.48	134
	Mar 2018	60	0	80	0	80	6468.68	114
	Apr 2018	85	1	83	0	83	6468.99	115
	May 2018	165	1	97	28	126	6477.37	153
	Jun 2018	330	2	101	108	209	6496.41	272
	Jul 2018	200	3	103	32	135	6504.64	335
	Aug 2018	76	2	71	0	71	6505.02	338
	Sep 2018	47	2	68	0	68	6502.04	314
	WY 2018	**1228**	**15**	**986**	**177**	**1163**		
	Oct 2018	49	1	71	0	71	6499.08	292
	Nov 2018	42	1	68	0	68	6495.41	265
	Dec 2018	32	1	71	0	71	6489.58	226
	Jan 2019	30	1	71	0	71	6483.17	185
	Feb 2019	28	1	68	0	68	6475.49	144
	Mar 2019	53	0	82	0	82	6468.80	114
	Apr 2019	85	1	82	0	82	6469.55	117
	May 2019	164	1	97	29	126	6477.43	153
	Jun 2019	299	2	102	53	155	6499.56	296
	Jul 2019	178	3	101	29	130	6505.34	340
	Aug 2019	77	2	94	0	94	6502.83	321
	Sep 2019	46	2	71	0	71	6499.26	293
	WY 2019	**1083**	**15**	**978**	**111**	**1089**		
	Oct 2019	49	1	70	0	70	6496.17	271
	Nov 2019	42	1	68	0	68	6492.41	244
	Dec 2019	32	1	70	0	70	6486.53	206

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3049

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

January 2018 24-Month Study

Most Probable Inflow*

Flaming Gorge Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	Jan 2017	49	67	2	110	0	110	124	6023.01	3087	149
H	Feb 2017	106	112	2	109	0	109	124	6023.03	3088	189
I	Mar 2017	400	370	3	256	26	282	128	6025.25	3169	408
S	Apr 2017	350	428	5	268	244	511	124	6022.93	3084	745
T	May 2017	582	580	8	278	171	449	129	6026.15	3203	857
O	Jun 2017	895	705	11	263	223	486	137	6031.41	3404	859
R	Jul 2017	387	374	14	180	48	228	142	6034.61	3531	315
I	Aug 2017	120	174	13	143	0	143	143	6035.05	3548	173
C	Sep 2017	87	93	11	141	0	141	140	6033.63	3491	161
	WY 2017	**3153**	**3104**	**81**	**2016**	**712**	**2728**				**4225**
A	Oct 2017	88	95	8	107	0	107	140	6033.17	3473	155
L	Nov 2017	82	98	4	139	0	139	138	6032.07	3430	171
*	Dec 2017	52	86	2	174	0	174	135	6029.85	3343	201
	Jan 2018	59	95	2	172	0	172	131	6027.87	3268	193
	Feb 2018	57	90	2	156	0	156	129	6026.14	3202	180
	Mar 2018	106	126	3	115	0	115	129	6026.36	3211	175
	Apr 2018	135	133	5	110	0	110	130	6026.83	3228	250
	May 2018	230	191	8	114	0	114	133	6028.58	3295	464
	Jun 2018	400	279	11	174	0	174	136	6030.93	3385	504
	Jul 2018	235	170	14	226	0	226	133	6029.18	3318	276
	Aug 2018	90	85	13	98	0	98	132	6028.52	3292	116
	Sep 2018	56	77	11	95	0	95	131	6027.79	3264	107
	WY 2018	**1590**	**1525**	**81**	**1680**	**0**	**1680**				**2792**
	Oct 2018	60	81	7	98	0	98	130	6027.16	3241	123
	Nov 2018	51	77	3	95	0	95	130	6026.62	3220	123
	Dec 2018	35	74	2	98	0	98	129	6025.93	3195	124
	Jan 2019	40	81	2	98	0	98	128	6025.43	3176	123
	Feb 2019	45	85	2	89	0	89	128	6025.27	3170	117
	Mar 2019	102	132	3	98	0	98	129	6026.06	3200	175
	Apr 2019	134	130	5	95	0	95	130	6026.82	3228	310
	May 2019	245	208	8	98	0	98	134	6029.40	3326	630
	Jun 2019	390	245	11	150	0	150	137	6031.52	3408	570
	Jul 2019	210	163	14	155	0	155	137	6031.36	3402	255
	Aug 2019	89	106	13	98	0	98	137	6031.24	3397	124
	Sep 2019	55	81	11	95	0	95	136	6030.59	3372	114
	WY 2019	**1455**	**1462**	**81**	**1269**	**0**	**1269**				**2788**
	Oct 2019	59	81	7	98	0	98	135	6029.96	3348	131
	Nov 2019	51	77	4	95	0	95	134	6029.42	3327	127
	Dec 2019	35	73	2	98	0	98	133	6028.73	3300	124

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

January 2018 24-Month Study

Most Probable Inflow*

Taylor Park Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jan 2017	6	5	9309.76	70
H	Feb 2017	4	5	9309.43	69
I	Mar 2017	6	6	9309.23	69
S	Apr 2017	13	9	9312.04	73
T	May 2017	30	19	9318.55	84
O	Jun 2017	62	45	9327.76	102
R	Jul 2017	24	26	9326.95	100
I	Aug 2017	12	25	9320.31	88
C	Sep 2017	8	18	9314.58	77
	WY 2017	**179**	**173**		
A	Oct 2017	8	8	9314.93	78
L	Nov 2017	6	6	9315.09	78
*	Dec 2017	4	6	9313.84	76
	Jan 2018	4	6	9312.64	74
	Feb 2018	4	6	9311.42	72
	Mar 2018	4	6	9310.17	70
	Apr 2018	7	6	9310.80	71
	May 2018	24	12	9317.90	83
	Jun 2018	32	19	9324.92	96
	Jul 2018	13	18	9322.29	91
	Aug 2018	8	16	9317.90	83
	Sep 2018	6	15	9312.64	74
	WY 2018	**120**	**124**		
	Oct 2018	6	6	9312.54	74
	Nov 2018	5	6	9311.80	73
	Dec 2018	5	6	9310.98	71
	Jan 2019	4	6	9309.95	70
	Feb 2019	4	6	9308.55	68
	Mar 2019	4	6	9307.54	66
	Apr 2019	9	6	9309.32	69
	May 2019	28	20	9314.39	77
	Jun 2019	42	22	9325.26	97
	Jul 2019	20	22	9324.29	95
	Aug 2019	10	20	9319.07	85
	Sep 2019	7	16	9314.11	77
	WY 2019	**144**	**142**		
	Oct 2019	7	8	9313.31	75
	Nov 2019	5	6	9312.78	74
	Dec 2019	5	6	9311.97	73

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

January 2018 24-Month Study

Most Probable Inflow*

Blue Mesa Reservoir

	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jan 2017	29	28	0	34	0	34	7490.68	587
H	Feb 2017	28	29	0	44	1	44	7488.71	571
I	Mar 2017	70	70	0	69	0	70	7488.71	571
S	Apr 2017	145	140	1	53	0	53	7499.55	658
T	May 2017	244	233	1	151	65	293	7491.98	597
O	Jun 2017	392	373	1	139	35	175	7515.35	793
R	Jul 2017	135	137	2	113	0	110	7518.20	819
I	Aug 2017	84	96	1	111	0	111	7516.38	802
C	Sep 2017	35	45	1	115	0	114	7508.43	732
	WY 2017	**1245**	**1238**	**9**	**987**	**101**	**1163**		
A	Oct 2017	37	37	1	102	0	102	7500.64	667
L	Nov 2017	32	32	0	40	0	40	7499.68	659
*	Dec 2017	25	27	0	93	0	93	7491.44	593
	Jan 2018	24	26	0	62	0	62	7486.74	556
	Feb 2018	21	23	0	40	0	40	7484.52	539
	Mar 2018	31	33	0	41	0	41	7483.41	531
	Apr 2018	52	51	1	55	0	55	7482.74	526
	May 2018	147	135	1	65	0	65	7491.78	595
	Jun 2018	175	162	1	57	0	57	7504.52	699
	Jul 2018	61	66	1	91	0	91	7501.36	673
	Aug 2018	39	47	1	93	0	93	7495.58	625
	Sep 2018	34	43	1	76	0	76	7491.37	592
	WY 2018	**678**	**681**	**8**	**813**	**0**	**813**		
	Oct 2018	36	36	1	48	0	48	7489.77	580
	Nov 2018	30	31	0	18	0	18	7491.49	593
	Dec 2018	26	27	0	42	0	42	7489.49	577
	Jan 2019	24	26	0	42	0	42	7487.35	561
	Feb 2019	22	25	0	35	0	35	7485.93	550
	Mar 2019	36	38	0	41	0	41	7485.46	547
	Apr 2019	77	74	1	51	0	51	7488.45	569
	May 2019	221	213	1	155	0	155	7495.69	626
	Jun 2019	261	241	1	81	0	81	7514.51	786
	Jul 2019	117	119	2	99	0	99	7516.52	804
	Aug 2019	63	73	1	108	0	108	7512.44	767
	Sep 2019	38	47	1	93	0	93	7506.98	720
	WY 2019	**951**	**949**	**9**	**813**	**0**	**813**		
	Oct 2019	38	40	1	65	0	65	7503.86	693
	Nov 2019	31	32	0	67	0	67	7499.66	659
	Dec 2019	26	27	0	113	0	113	7488.83	572

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

January 2018 24-Month Study

Most Probable Inflow*

Morrow Point Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jan 2017	30	34	2	36	33	0	33	7153.75	112
H	Feb 2017	29	44	1	45	55	0	55	7140.48	102
I	Mar 2017	74	70	5	74	64	0	68	7148.96	108
S	Apr 2017	157	53	12	66	65	0	65	7149.64	109
T	May 2017	263	293	19	312	203	0	312	7149.70	109
O	Jun 2017	411	175	19	195	184	0	193	7151.34	110
R	Jul 2017	139	110	4	114	37	0	111	7155.13	113
I	Aug 2017	86	111	2	113	0	0	115	7152.68	111
C	Sep 2017	35	114	0	115	92	0	112	7155.62	114
	WY 2017	**1314**	**1163**	**69**	**1232**	**893**	**0**	**1226**		
A	Oct 2017	38	102	1	103	105	0	105	7153.17	112
L	Nov 2017	34	40	1	41	42	0	42	7152.45	111
*	Dec 2017	26	93	1	94	94	0	94	7152.45	111
	Jan 2018	24	62	0	62	61	0	61	7153.73	112
	Feb 2018	21	40	0	40	40	0	40	7153.73	112
	Mar 2018	34	41	3	44	44	0	44	7153.73	112
	Apr 2018	59	55	7	62	62	0	62	7153.73	112
	May 2018	157	65	10	75	75	0	75	7153.73	112
	Jun 2018	188	57	13	70	70	0	70	7153.73	112
	Jul 2018	66	91	5	96	96	0	96	7153.73	112
	Aug 2018	42	93	3	96	96	0	96	7153.73	112
	Sep 2018	37	76	3	79	79	0	79	7153.73	112
	WY 2018	**726**	**813**	**48**	**861**	**862**	**0**	**862**		
	Oct 2018	38	48	3	50	50	0	50	7153.73	112
	Nov 2018	32	18	2	20	20	0	20	7153.73	112
	Dec 2018	28	42	2	45	45	0	45	7153.73	112
	Jan 2019	27	42	2	44	44	0	44	7153.73	112
	Feb 2019	25	35	3	38	38	0	38	7153.73	112
	Mar 2019	40	41	4	45	45	0	45	7153.73	112
	Apr 2019	88	51	11	62	62	0	62	7153.73	112
	May 2019	247	155	26	181	181	0	181	7153.73	112
	Jun 2019	281	81	20	101	101	0	101	7153.73	112
	Jul 2019	123	99	6	105	105	0	105	7153.73	112
	Aug 2019	67	108	3	112	112	0	112	7153.73	112
	Sep 2019	41	93	3	96	96	0	96	7153.73	112
	WY 2019	**1037**	**813**	**85**	**898**	**898**	**0**	**898**		
	Oct 2019	41	65	3	68	68	0	68	7153.73	112
	Nov 2019	33	67	2	69	69	0	69	7153.73	112
	Dec 2019	28	113	2	115	115	0	115	7153.73	112

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

January 2018 24-Month Study

Most Probable Inflow*

Crystal Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
*	Jan 2017	35	33	4	37	36	2	37	6750.29	16	1	37
H	Feb 2017	34	55	4	59	56	4	60	6749.56	16	0	60
I	Mar 2017	81	68	6	74	0	73	73	6752.06	17	8	67
S	Apr 2017	167	65	10	75	31	44	75	6751.65	17	39	38
T	May 2017	285	312	22	334	86	73	331	6759.83	19	62	270
O	Jun 2017	446	193	36	229	44	127	231	6751.78	17	61	172
R	Jul 2017	148	111	8	119	96	25	121	6746.24	15	63	60
I	Aug 2017	89	115	3	119	119	0	119	6744.79	15	62	58
C	Sep 2017	39	112	4	116	115	0	115	6748.63	16	59	56
	WY 2017	**1423**	**1226**	**109**	**1335**	**751**	**350**	**1334**			**413**	**929**
A	Oct 2017	43	105	5	110	109	0	109	6751.20	16	55	53
L	Nov 2017	38	42	4	46	46	0	46	6749.89	16	1	46
*	Dec 2017	29	94	3	97	97	0	97	6749.23	16	1	98
	Jan 2018	26	61	2	63	62	0	62	6753.04	17	0	62
	Feb 2018	24	40	3	43	43	0	43	6753.04	17	0	43
	Mar 2018	39	44	5	49	49	0	49	6753.04	17	5	44
	Apr 2018	69	62	10	72	72	0	72	6753.04	17	30	42
	May 2018	177	75	20	95	95	0	95	6753.04	17	55	40
	Jun 2018	205	70	17	87	87	0	87	6753.04	17	60	27
	Jul 2018	69	96	3	99	99	0	99	6753.04	17	65	34
	Aug 2018	45	96	3	99	99	0	99	6753.04	17	65	34
	Sep 2018	40	79	3	82	82	0	82	6753.04	17	55	27
	WY 2018	**804**	**862**	**79**	**941**	**939**	**0**	**940**			**392**	**549**
	Oct 2018	42	50	4	54	54	0	54	6753.04	17	30	24
	Nov 2018	36	20	4	24	24	0	24	6753.04	17	0	24
	Dec 2018	32	45	5	49	49	0	49	6753.04	17	0	49
	Jan 2019	31	44	5	49	49	0	49	6753.04	17	0	49
	Feb 2019	29	38	4	42	42	0	42	6753.04	17	0	42
	Mar 2019	46	45	6	51	51	0	51	6753.04	17	5	46
	Apr 2019	101	62	12	74	74	0	74	6753.04	17	30	44
	May 2019	281	181	34	215	134	81	215	6753.04	17	55	160
	Jun 2019	315	101	34	134	130	5	134	6753.04	17	60	74
	Jul 2019	138	105	14	120	120	0	120	6753.04	17	65	55
	Aug 2019	75	112	8	120	120	0	120	6753.04	17	65	55
	Sep 2019	47	96	6	102	102	0	102	6753.04	17	55	47
	WY 2019	**1174**	**898**	**137**	**1035**	**949**	**85**	**1035**			**365**	**670**
	Oct 2019	47	68	6	74	74	0	74	6753.04	17	30	44
	Nov 2019	38	69	5	74	74	0	74	6753.04	17	0	74
	Dec 2019	32	115	5	120	120	0	120	6753.04	17	0	120

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

January 2018 24-Month Study

Most Probable Inflow*

Vallecito Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jan 2017	7	5	7648.89	84
H	Feb 2017	7	15	7645.42	76
I	Mar 2017	24	24	7645.75	77
S	Apr 2017	45	35	7649.82	87
T	May 2017	67	44	7658.86	109
O	Jun 2017	72	57	7664.54	124
R	Jul 2017	30	39	7660.94	115
I	Aug 2017	19	33	7655.15	100
C	Sep 2017	9	34	7644.31	74
	WY 2017	**303**	**297**		
A	Oct 2017	9	22	7638.22	61
L	Nov 2017	5	2	7639.49	63
*	Dec 2017	3	1	7640.27	65
	Jan 2018	4	0	7641.92	68
	Feb 2018	3	0	7643.09	71
	Mar 2018	5	2	7644.42	74
	Apr 2018	10	2	7647.86	82
	May 2018	39	29	7651.73	91
	Jun 2018	37	40	7650.20	87
	Jul 2018	14	39	7638.85	62
	Aug 2018	11	36	7625.21	37
	Sep 2018	11	28	7611.79	19
	WY 2018	**151**	**202**		
	Oct 2018	12	17	7606.86	14
	Nov 2018	8	2	7612.76	20
	Dec 2018	6	2	7616.62	25
	Jan 2019	5	2	7619.39	28
	Feb 2019	5	2	7621.60	31
	Mar 2019	9	2	7625.98	38
	Apr 2019	23	2	7637.59	59
	May 2019	71	31	7654.98	99
	Jun 2019	70	44	7664.91	125
	Jul 2019	29	42	7659.83	112
	Aug 2019	20	38	7652.55	93
	Sep 2019	17	30	7647.35	81
	WY 2019	**276**	**212**		
	Oct 2019	16	17	7646.58	79
	Nov 2019	9	2	7649.51	86
	Dec 2019	6	2	7651.34	90

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

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Most Probable Inflow*

Navajo Reservoir

	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azetea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Farmington Flow (1000 Ac-Ft)
*	Jan 2017	34	0	32	1	0	22	6056.65	1306	37
H	Feb 2017	56	1	62	1	1	27	6059.31	1339	47
I	Mar 2017	176	17	159	2	6	30	6068.54	1460	98
S	Apr 2017	235	33	193	3	19	33	6078.18	1598	132
T	May 2017	261	45	195	4	25	228	6073.94	1536	323
O	Jun 2017	231	46	166	5	40	259	6063.90	1398	458
R	Jul 2017	49	11	48	4	43	38	6061.00	1361	95
I	Aug 2017	30	5	38	4	35	36	6058.07	1323	57
C	Sep 2017	9	2	33	3	23	42	6055.28	1289	46
	WY 2017	**1157**	**160**	**991**	**28**	**198**	**785**			**1422**
A	Oct 2017	38	2	49	2	8	32	6055.89	1296	52
L	Nov 2017	19	0	16	1	0	25	6055.04	1286	42
*	Dec 2017	10	0	9	1	0	24	6053.69	1270	40
	Jan 2018	14	0	10	1	0	24	6052.48	1255	34
	Feb 2018	16	0	13	1	0	22	6051.66	1245	30
	Mar 2018	40	0	37	2	5	25	6052.13	1251	37
	Apr 2018	72	10	54	2	21	24	6052.75	1258	49
	May 2018	155	23	123	3	35	25	6057.61	1318	100
	Jun 2018	91	15	79	4	51	24	6057.57	1317	95
	Jul 2018	32	2	56	4	56	25	6055.22	1288	54
	Aug 2018	30	0	55	3	47	25	6053.53	1268	45
	Sep 2018	30	0	47	3	26	24	6053.10	1262	41
	WY 2018	**547**	**52**	**547**	**26**	**249**	**298**			**617**
	Oct 2018	37	0	42	2	10	25	6053.63	1269	44
	Nov 2018	30	0	24	1	0	24	6053.59	1268	39
	Dec 2018	25	0	21	1	0	25	6053.21	1264	40
	Jan 2019	22	0	18	1	0	25	6052.65	1257	38
	Feb 2019	30	0	27	1	0	22	6052.99	1261	35
	Mar 2019	92	0	86	2	5	25	6057.42	1315	47
	Apr 2019	170	10	139	3	21	28	6064.30	1404	80
	May 2019	277	23	214	4	36	192	6062.96	1386	338
	Jun 2019	224	15	182	4	52	253	6052.80	1259	404
	Jul 2019	66	2	77	4	57	29	6051.77	1246	96
	Aug 2019	45	0	63	3	48	25	6050.69	1234	63
	Sep 2019	43	0	55	3	26	24	6050.92	1236	56
	WY 2019	**1062**	**50**	**948**	**26**	**254**	**694**			**1281**
	Oct 2019	47	0	48	2	10	25	6051.98	1249	53
	Nov 2019	34	0	27	1	0	24	6052.14	1251	42
	Dec 2019	25	0	21	1	0	25	6051.75	1246	40

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

January 2018 24-Month Study

Most Probable Inflow*

Lake Powell

	Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry Gage (1000 Ac-Ft)
*	Jan 2017	359	415	8	880	0	880	3595.86	4962	11359	900
H	Feb 2017	555	565	8	711	0	711	3594.33	4951	11217	720
I	Mar 2017	1112	895	14	722	0	722	3595.91	4963	11364	730
S	Apr 2017	1608	1494	23	623	0	623	3604.14	5026	12149	629
T	May 2017	2377	2321	29	652	0	652	3619.09	5147	13667	658
O	Jun 2017	3115	2680	51	749	0	749	3634.89	5286	15408	763
R	Jul 2017	1073	889	64	850	0	850	3634.69	5284	15385	875
I	Aug 2017	446	495	63	900	0	900	3630.88	5250	14952	930
C	Sep 2017	196	410	57	663	0	663	3628.31	5227	14664	677
	WY 2017	**11905**	**11396**	**409**	**8874**	**126**	**9000**				**9158**
A	Oct 2017	449	533	39	640	0	640	3627.09	5216	14530	644
L	Nov 2017	387	454	37	630	0	630	3625.29	5200	14332	629
*	Dec 2017	299	483	29	740	0	740	3622.85	5179	14068	744
	Jan 2018	310	470	9	860	0	860	3619.38	5150	13698	866
	Feb 2018	335	458	10	730	0	730	3616.90	5129	13437	732
	Mar 2018	475	483	16	800	0	800	3613.92	5104	13129	805
	Apr 2018	550	510	25	705	0	705	3611.93	5088	12926	713
	May 2018	1050	779	29	705	0	705	3612.34	5091	12967	711
	Jun 2018	1750	1406	46	760	0	760	3617.71	5135	13522	766
	Jul 2018	550	621	56	860	0	860	3615.09	5114	13249	875
	Aug 2018	325	429	55	900	0	900	3610.32	5075	12762	914
	Sep 2018	270	371	49	670	0	670	3607.09	5049	12439	679
	WY 2018	**6749**	**6998**	**401**	**9000**	**0**	**9000**				**9078**
	Oct 2018	397	444	34	640	0	640	3604.93	5032	12227	646
	Nov 2018	420	445	32	640	0	640	3602.77	5015	12016	644
	Dec 2018	363	442	25	720	0	720	3599.85	4993	11736	726
	Jan 2019	361	440	8	860	0	860	3595.65	4961	11340	866
	Feb 2019	393	442	8	750	0	750	3592.49	4937	11047	752
	Mar 2019	665	604	13	800	0	800	3590.36	4922	10853	805
	Apr 2019	1056	879	21	710	0	710	3591.86	4933	10989	718
	May 2019	2343	2103	27	710	0	710	3605.22	5034	12255	716
	Jun 2019	2666	2342	46	750	0	750	3619.28	5149	13687	756
	Jul 2019	1091	1039	57	850	0	850	3620.43	5158	13809	865
	Aug 2019	500	582	57	900	0	900	3617.13	5131	13461	914
	Sep 2019	408	510	52	670	0	670	3615.24	5115	13265	679
	WY 2019	**10662**	**10272**	**380**	**9000**	**0**	**9000**				**9086**
	Oct 2019	512	566	36	640	0	640	3614.26	5107	13164	646
	Nov 2019	473	543	34	640	0	640	3613.07	5097	13042	644
	Dec 2019	363	513	27	720	0	720	3610.94	5080	12826	726

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

January 2018 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Glen Release (1000 Ac-Ft)	Side Inflow Glen to Hoover (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Jan 2017	880	128	30	500	8.1	7	494	684	1086.08	10521
H	Feb 2017	711	150	28	488	8.8	7	487	704	1089.78	10838
I	Mar 2017	722	97	32	911	14.8	16	910	696	1088.26	10707
S	Apr 2017	623	92	39	961	16.1	20	960	677	1084.89	10420
T	May 2017	652	39	44	917	14.9	29	915	659	1081.56	10141
O	Jun 2017	749	17	53	864	14.5	29	864	648	1079.52	9971
R	Jul 2017	850	89	66	885	14.4	31	885	646	1079.03	9931
I	Aug 2017	900	94	70	683	11.1	28	683	658	1081.44	10131
C	Sep 2017	663	70	58	600	10.1	21	591	662	1082.05	10182
	WY 2017	**9000**	**994**	**541**	**8620**		**235**	**8591**			
A	Oct 2017	640	44	43	596	9.7	23	595	663	1082.30	10202
L	Nov 2017	630	40	42	731	12.3	16	731	656	1080.95	10090
*	Dec 2017	740	44	37	594	9.7	13	593	664	1082.52	10221
	Jan 2018	860	64	30	475	7.7	12	475	689	1087.03	10602
	Feb 2018	730	72	28	673	12.1	14	673	694	1087.97	10683
	Mar 2018	800	46	31	1004	16.3	21	1004	681	1085.65	10484
	Apr 2018	705	39	39	1049	17.6	23	1049	659	1081.56	10140
	May 2018	705	26	44	959	15.6	27	959	641	1078.17	9860
	Jun 2018	760	10	52	870	14.6	33	870	630	1076.04	9686
	Jul 2018	860	77	65	831	13.5	36	831	630	1076.10	9690
	Aug 2018	900	127	70	740	12.0	34	740	641	1078.20	9863
	Sep 2018	670	110	58	730	12.3	27	730	639	1077.83	9832
	WY 2018	**9000**	**699**	**539**	**9252**		**280**	**9250**			
	Oct 2018	640	71	42	525	8.5	28	525	646	1079.15	9941
	Nov 2018	640	65	42	703	11.8	21	703	642	1078.45	9883
	Dec 2018	720	51	36	631	10.3	14	631	648	1079.47	9967
	Jan 2019	860	64	30	627	10.2	12	627	663	1082.33	10205
	Feb 2019	750	72	28	697	12.6	14	697	668	1083.26	10283
	Mar 2019	800	46	31	1058	17.2	21	1058	652	1080.28	10035
	Apr 2019	710	39	38	1060	17.8	23	1060	630	1076.04	9686
	May 2019	710	26	43	964	15.7	27	964	611	1072.59	9407
	Jun 2019	750	10	51	875	14.7	33	875	599	1070.25	9219
	Jul 2019	850	77	64	833	13.5	36	833	599	1070.19	9214
	Aug 2019	900	127	68	729	11.9	34	729	611	1072.49	9398
	Sep 2019	670	110	56	744	12.5	27	744	608	1071.95	9355
	WY 2019	**9000**	**757**	**528**	**9446**		**291**	**9446**			
	Oct 2019	640	71	41	506	8.2	28	506	616	1073.54	9483
	Nov 2019	640	65	41	671	11.3	21	671	615	1073.20	9456
	Dec 2019	720	51	36	595	9.7	14	595	622	1074.67	9574

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

January 2018 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Jan 2017	500	-23	10	408	0	408	6.6	643.47	1712
H	Feb 2017	488	-13	10	486	0	486	8.7	642.70	1690
I	Mar 2017	911	-27	13	844	0	844	13.7	643.70	1718
S	Apr 2017	961	-23	17	955	0	955	16.1	642.45	1684
T	May 2017	917	-13	22	846	0	846	13.8	643.74	1719
O	Jun 2017	864	-6	25	853	0	853	14.3	643.01	1699
R	Jul 2017	885	-5	26	809	0	809	13.2	644.65	1744
I	Aug 2017	683	-8	23	707	0	707	11.5	642.64	1689
C	Sep 2017	600	-11	18	656	0	656	11.0	639.47	1603
	WY 2017	**8620**	**-183**	**199**	**8261**	**0**	**8261**			
A	Oct 2017	596	-2	15	671	0	671	10.9	636.00	1512
L	Nov 2017	731	-18	11	595	0	595	10.0	640.07	1619
*	Dec 2017	594	-16	9	552	0	552	9.0	640.68	1636
	Jan 2018	475	-19	10	424	0	424	6.9	641.50	1658
	Feb 2018	673	-16	10	634	0	634	11.4	642.00	1671
	Mar 2018	1004	-16	13	946	0	946	15.4	643.05	1700
	Apr 2018	1049	-20	17	1013	0	1013	17.0	643.00	1699
	May 2018	959	-13	22	924	0	924	15.0	643.00	1699
	Jun 2018	870	-18	25	854	0	854	14.4	642.00	1671
	Jul 2018	831	-16	25	803	0	803	13.1	641.50	1658
	Aug 2018	740	-12	23	705	0	705	11.5	641.50	1658
	Sep 2018	730	-11	18	740	0	740	12.4	640.01	1617
	WY 2018	**9252**	**-177**	**197**	**8862**	**0**	**8862**			
	Oct 2018	525	-4	15	689	0	689	11.2	633.00	1434
	Nov 2018	703	-11	10	630	0	630	10.6	635.00	1486
	Dec 2018	631	-10	9	515	0	515	8.4	638.71	1583
	Jan 2019	627	-19	10	516	0	516	8.4	641.80	1666
	Feb 2019	697	-16	10	613	58	671	12.1	641.80	1666
	Mar 2019	1058	-16	13	994	0	994	16.2	643.05	1700
	Apr 2019	1060	-20	17	1024	0	1024	17.2	643.00	1699
	May 2019	964	-13	22	929	0	929	15.1	643.00	1699
	Jun 2019	875	-18	25	860	0	860	14.4	642.00	1671
	Jul 2019	833	-16	25	805	0	805	13.1	641.50	1658
	Aug 2019	729	-12	23	694	0	694	11.3	641.50	1658
	Sep 2019	744	-11	18	755	0	755	12.7	640.01	1617
	WY 2019	**9446**	**-166**	**197**	**9024**	**58**	**9082**			
	Oct 2019	506	-4	15	670	0	670	10.9	633.00	1434
	Nov 2019	671	-11	10	598	0	598	10.1	635.00	1486
	Dec 2019	595	-10	9	479	0	479	7.8	638.71	1583

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

January 2018 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	Jan 2017	408	33	6	244	4.0	68	126	447.29	567	126	2.1
H	Feb 2017	486	14	8	393	7.1	13	62	448.30	586	160	2.9
I	Mar 2017	844	11	9	687	11.2	24	136	447.83	577	203	3.3
S	Apr 2017	955	13	11	729	12.3	42	160	448.73	594	181	3.0
T	May 2017	846	22	13	634	10.3	44	175	448.31	586	111	1.8
O	Jun 2017	853	0	15	689	11.6	57	79	448.41	588	126	2.1
R	Jul 2017	809	18	17	666	10.8	58	71	448.63	592	131	2.1
I	Aug 2017	707	12	17	570	9.3	58	70	448.28	585	102	1.7
C	Sep 2017	656	16	15	481	8.1	56	134	447.17	564	104	1.7
	WY 2017	**8261**	**219**	**140**	**6204**		**664**	**1406**			**1513**	
A	Oct 2017	671	9	12	478	7.8	69	131	446.27	548	65	1.1
L	Nov 2017	595	12	9	349	5.9	89	127	447.86	577	99	1.7
*	Dec 2017	552	18	7	335	5.5	100	144	446.80	557	109	1.8
	Jan 2018	424	17	6	319	5.2	29	89	446.50	552	138	2.2
	Feb 2018	634	10	8	494	8.9	13	110	447.20	565	160	2.9
	Mar 2018	946	7	9	723	11.8	40	181	446.70	555	198	3.2
	Apr 2018	1013	19	11	718	12.1	82	174	448.70	593	175	2.9
	May 2018	924	15	13	643	10.5	85	186	448.70	593	104	1.7
	Jun 2018	854	15	16	685	11.5	82	73	448.70	593	105	1.8
	Jul 2018	803	26	17	654	10.6	85	74	448.00	580	111	1.8
	Aug 2018	705	25	17	593	9.6	85	33	447.50	571	100	1.6
	Sep 2018	740	20	15	522	8.8	63	151	447.50	570	89	1.5
	WY 2018	**8862**	**193**	**139**	**6513**		**822**	**1472**			**1453**	
	Oct 2018	689	28	12	479	7.8	56	162	447.50	571	74	1.2
	Nov 2018	630	19	9	407	6.8	56	172	447.50	571	116	1.9
	Dec 2018	515	19	7	316	5.1	56	169	446.50	552	131	2.1
	Jan 2019	516	17	6	322	5.2	78	122	446.50	552	138	2.2
	Feb 2019	671	10	8	494	8.9	52	122	446.50	552	160	2.9
	Mar 2019	994	7	9	720	11.7	69	190	446.70	555	198	3.2
	Apr 2019	1024	19	11	713	12.0	87	185	448.70	593	175	2.9
	May 2019	929	15	13	640	10.4	89	190	448.70	593	104	1.7
	Jun 2019	860	15	16	678	11.4	87	80	448.70	593	105	1.8
	Jul 2019	805	26	17	646	10.5	89	80	448.00	580	111	1.8
	Aug 2019	694	25	17	581	9.4	89	30	447.50	571	100	1.6
	Sep 2019	755	20	15	510	8.6	87	154	447.50	570	89	1.5
	WY 2019	**9082**	**220**	**139**	**6506**		**895**	**1656**			**1500**	
	Oct 2019	670	28	12	488	7.9	49	142	447.50	571	74	1.2
	Nov 2019	598	19	9	411	6.9	49	142	447.50	571	116	1.9
	Dec 2019	479	19	7	314	5.1	49	142	446.50	552	131	2.1

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

January 2018 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Jan 2017	500	8.1	1086.08	10521	442	442.12	857.0	192.4	55	384.9
H	Feb 2017	488	8.8	1089.78	10838	317	446.75	938.0	190.4	58	390.4
I	Mar 2017	911	14.8	1088.26	10707	-131	440.44	1291.1	362.0	79	397.2
S	Apr 2017	961	16.1	1084.89	10420	-287	439.75	1227.0	381.0	76	396.5
T	May 2017	917	14.9	1081.56	10141	-280	434.83	1307.0	360.6	80	393.4
O	Jun 2017	864	14.5	1079.52	9971	-169	433.52	1500.0	335.0	94	387.5
R	Jul 2017	885	14.4	1079.03	9931	-40	432.24	1499.0	341.1	94	385.5
I	Aug 2017	683	11.1	1081.44	10131	200	436.25	1478.1	261.0	93	382.0
C	Sep 2017	600	10.1	1082.05	10182	51	440.10	976.1	230.7	66	384.8
	WY 2017	**8620**							**3347.1**		
A	Oct 2017	596	9.7	1082.30	10202	21	441.43	976.1	229.0	66	384.2
L	Nov 2017	731	12.3	1080.95	10090	-113	435.01	996.0	287.9	63	393.6
*	Dec 2017	594	9.7	1082.52	10221	131	439.05	821.0	235.7	52	396.6
	Jan 2018	475	7.7	1087.03	10602	381	437.72	834.0	189.1	51	397.9
	Feb 2018	673	12.1	1087.97	10683	81	437.45	1222.0	267.4	75	397.2
	Mar 2018	1004	16.3	1085.65	10484	-198	437.70	995.0	406.2	62	404.6
	Apr 2018	1049	17.6	1081.56	10140	-344	432.76	1189.9	417.6	75	398.1
	May 2018	959	15.6	1078.17	9860	-280	426.96	1483.0	371.8	95	387.7
	Jun 2018	870	14.6	1076.04	9686	-174	423.98	1555.0	331.6	100	381.1
	Jul 2018	831	13.5	1076.10	9690	5	423.44	1556.0	320.6	100	385.8
	Aug 2018	740	12.0	1078.20	9863	172	424.68	1568.0	282.7	100	382.2
	Sep 2018	730	12.3	1077.83	9832	-31	426.02	1565.0	280.3	100	384.2
	WY 2018	**9252**							**3619.9**		
	Oct 2018	525	8.5	1079.15	9941	109	431.34	1170.0	199.9	74	381.1
	Nov 2018	703	11.8	1078.45	9883	-58	433.28	1263.0	275.3	81	391.5
	Dec 2018	631	10.3	1079.47	9967	84	432.26	1167.0	246.8	74	390.9
	Jan 2019	627	10.2	1082.33	10205	238	433.85	901.1	248.4	57	395.9
	Feb 2019	697	12.6	1083.26	10283	78	435.26	825.0	282.0	52	404.5
	Mar 2019	1058	17.2	1080.28	10035	-248	433.21	907.0	430.0	57	406.4
	Apr 2019	1060	17.8	1076.04	9686	-349	427.43	1154.0	417.5	74	394.0
	May 2019	964	15.7	1072.59	9407	-279	421.57	1437.1	369.2	94	383.1
	Jun 2019	875	14.7	1070.25	9219	-187	418.35	1511.5	329.4	100	376.3
	Jul 2019	833	13.5	1070.19	9214	-5	417.64	1511.1	316.9	100	380.6
	Aug 2019	729	11.9	1072.49	9398	184	418.92	1524.1	274.5	100	376.6
	Sep 2019	744	12.5	1071.95	9355	-43	420.27	1521.1	282.6	100	379.9
	WY 2019	**9446**							**3672.5**		
	Oct 2019	506	8.2	1073.54	9483	128	425.63	1138.8	195.8	74	387.1
	Nov 2019	671	11.3	1073.20	9456	-27	427.89	1230.9	258.2	81	384.7
	Dec 2019	595	9.7	1074.67	9574	119	427.28	1139.1	228.5	74	384.1

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

January 2018 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Jan 2017	408	6.6	643.47	1712	59	143.95	164.5	54.6	65	133.8
H	Feb 2017	486	8.7	642.70	1690	-21	141.54	162.1	63.8	64	131.4
I	Mar 2017	844	13.7	643.70	1718	28	141.08	194.1	109.6	76	129.9
S	Apr 2017	955	16.1	642.45	1684	-34	138.31	204.0	131.0	80	137.2
T	May 2017	846	13.8	643.74	1719	35	142.74	232.0	108.4	91	128.1
O	Jun 2017	853	14.3	643.01	1699	-20	141.59	255.0	107.4	100	126.0
R	Jul 2017	809	13.2	644.65	1744	45	143.65	255.0	101.5	100	125.5
I	Aug 2017	707	11.5	642.64	1689	-55	143.10	255.0	89.9	100	127.1
C	Sep 2017	656	11.0	639.47	1603	-86	138.07	253.3	83.2	99	126.8
	WY 2017	**8261**							**1061.4**		
A	Oct 2017	671	10.9	636.00	1512	-91	134.26	179.3	81.3	70	121.3
L	Nov 2017	595	10.0	640.07	1619	107	138.81	151.3	73.1	59	122.7
*	Dec 2017	552	9.0	640.68	1636	17	139.44	131.6	69.5	52	126.0
	Jan 2018	424	6.9	641.50	1658	22	136.92	159.6	53.7	63	126.5
	Feb 2018	634	11.4	642.00	1671	14	137.49	162.1	79.5	64	125.3
	Mar 2018	946	15.4	643.05	1700	29	136.95	204.0	118.0	80	124.7
	Apr 2018	1013	17.0	643.00	1699	-1	137.36	207.4	126.3	81	124.7
	May 2018	924	15.0	643.00	1699	0	137.43	204.0	115.8	80	125.3
	Jun 2018	854	14.4	642.00	1671	-27	135.51	255.0	106.8	100	125.0
	Jul 2018	803	13.1	641.50	1658	-14	134.73	255.0	100.2	100	124.8
	Aug 2018	705	11.5	641.50	1658	0	134.46	255.0	88.1	100	125.1
	Sep 2018	740	12.4	640.01	1617	-40	133.68	255.0	91.9	100	124.1
	WY 2018	**8862**							**1104.2**		
	Oct 2018	689	11.2	633.00	1434	-183	130.74	202.3	83.2	79	120.7
	Nov 2018	630	10.6	635.00	1486	51	129.19	170.0	74.8	67	118.7
	Dec 2018	515	8.4	638.71	1583	97	132.25	167.8	62.9	66	122.1
	Jan 2019	516	8.4	641.80	1666	83	135.41	179.3	64.5	70	125.1
	Feb 2019	613	11.0	641.80	1666	0	139.11	111.1	77.0	44	125.5
	Mar 2019	994	16.2	643.05	1700	34	138.04	166.2	123.7	65	124.4
	Apr 2019	1024	17.2	643.00	1699	-1	137.36	207.4	127.6	81	124.6
	May 2019	929	15.1	643.00	1699	0	137.43	204.0	116.3	80	125.2
	Jun 2019	860	14.4	642.00	1671	-27	135.51	255.0	107.4	100	125.0
	Jul 2019	805	13.1	641.50	1658	-14	134.73	255.0	100.4	100	124.8
	Aug 2019	694	11.3	641.50	1658	0	134.46	255.0	86.8	100	125.2
	Sep 2019	755	12.7	640.01	1617	-40	133.68	255.0	93.6	100	124.0
	WY 2019	**9024**							**1118.3**		
	Oct 2019	670	10.9	633.00	1434	-183	130.74	202.3	81.0	79	120.8
	Nov 2019	598	10.1	635.00	1486	51	129.19	170.0	71.1	67	118.9
	Dec 2019	479	7.8	638.71	1583	97	132.25	167.8	58.6	66	122.3

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

January 2018 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Jan 2017	244	4.0	447.29	567	-6	81.95	93.9	16.2	78	66.5
H	Feb 2017	393	7.1	448.30	586	19	82.67	90.0	27.9	75	71.0
I	Mar 2017	687	11.2	447.83	577	-9	79.98	90.0	48.8	75	71.1
S	Apr 2017	729	12.3	448.73	594	17	80.51	120.0	51.3	100	70.3
T	May 2017	634	10.3	448.31	586	-8	82.36	120.0	44.8	100	70.6
O	Jun 2017	689	11.6	448.41	588	2	80.56	120.0	48.1	100	69.9
R	Jul 2017	666	10.8	448.63	592	4	82.74	120.0	46.5	100	69.9
I	Aug 2017	570	9.3	448.28	585	-7	82.37	120.0	39.9	100	70.0
C	Sep 2017	481	8.1	447.17	564	-21	81.08	120.0	33.8	100	70.2
	WY 2017	**6204**							**434.1**		
A	Oct 2017	478	7.8	446.27	548	-17	80.03	92.9	33.6	77	70.4
L	Nov 2017	349	5.9	447.86	577	30	81.65	90.0	24.1	75	69.2
*	Dec 2017	335	5.5	446.80	557	-20	81.55	92.9	22.5	77	67.0
	Jan 2018	319	5.2	446.50	552	-6	74.18	117.1	20.1	98	63.0
	Feb 2018	494	8.9	447.20	565	13	75.55	92.1	32.5	77	65.8
	Mar 2018	723	11.8	446.70	555	-9	75.03	104.5	47.7	87	65.9
	Apr 2018	718	12.1	448.70	593	38	75.08	120.0	47.3	100	65.8
	May 2018	643	10.5	448.70	593	0	76.05	120.0	42.7	100	66.3
	Jun 2018	685	11.5	448.70	593	0	76.05	120.0	45.5	100	66.5
	Jul 2018	654	10.6	448.00	580	-13	75.71	120.0	43.2	100	66.1
	Aug 2018	593	9.6	447.50	571	-9	75.13	120.0	38.8	100	65.4
	Sep 2018	522	8.8	447.50	570	0	74.89	120.0	34.0	100	65.0
	WY 2018	**6513**							**431.9**		
	Oct 2018	479	7.8	447.50	571	0	76.19	91.9	31.6	77	65.9
	Nov 2018	407	6.8	447.50	571	0	75.83	99.0	26.5	83	65.2
	Dec 2018	316	5.1	446.50	552	-19	74.40	120.0	19.9	100	63.0
	Jan 2019	322	5.2	446.50	552	0	75.02	95.8	20.5	80	63.7
	Feb 2019	494	8.9	446.50	552	0	75.21	92.1	32.4	77	65.6
	Mar 2019	720	11.7	446.70	555	4	74.34	112.3	47.0	94	65.3
	Apr 2019	713	12.0	448.70	593	38	75.08	120.0	46.9	100	65.8
	May 2019	640	10.4	448.70	593	0	76.05	120.0	42.4	100	66.3
	Jun 2019	678	11.4	448.70	593	0	76.05	120.0	45.1	100	66.5
	Jul 2019	646	10.5	448.00	580	-13	75.71	120.0	42.7	100	66.0
	Aug 2019	581	9.4	447.50	571	-9	75.13	120.0	38.0	100	65.4
	Sep 2019	510	8.6	447.50	570	0	74.89	120.0	33.1	100	65.0
	WY 2019	**6506**							**426.2**		
	Oct 2019	488	7.9	447.50	571	0	76.29	90.0	32.3	75	66.1
	Nov 2019	411	6.9	447.50	571	0	76.14	93.0	26.9	78	65.5
	Dec 2019	314	5.1	446.50	552	-19	74.40	120.0	19.8	100	63.0

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

January 2018 24-Month Study

Most Probable Inflow*

Upper Basin Power

	Date	Glen Canyon 1000 MWHR	Flaming Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Reservoir 1000 MWHR	Fontenelle Reservoir 1000 MWHR
*	Jan 2017	385	43	10	11	5	0
H	Feb 2017	307	43	13	19	10	0
I	Mar 2017	312	97	19	22	0	0
	Winter 2017	**1945**	**289**	**87**	**107**	**46**	**0**
S	Apr 2017	270	102	15	22	6	0
T	May 2017	291	105	43	72	17	4
O	Jun 2017	346	102	40	66	8	6
R	Jul 2017	399	71	35	13	18	8
I	Aug 2017	421	56	34	0	22	9
C	Sep 2017	306	56	35	33	22	6
	Summer 2017	**2033**	**492**	**202**	**207**	**93**	**33**
A	Oct 2017	294	42	30	37	21	7
L	Nov 2017	288	55	12	14	8	7
*	Dec 2017	339	68	27	33	19	6
	Jan 2018	356	63	18	22	11	6
	Feb 2018	300	57	12	14	7	5
	Mar 2018	327	42	12	16	8	5
	Winter 2018	**1904**	**327**	**111**	**136**	**74**	**36**
	Apr 2018	287	40	16	22	12	5
	May 2018	286	42	19	27	16	7
	Jun 2018	310	64	17	25	15	8
	Jul 2018	352	83	28	35	17	10
	Aug 2018	365	36	28	35	17	7
	Sep 2018	270	35	22	28	14	7
	Summer 2018	**1870**	**300**	**130**	**172**	**92**	**43**
	Oct 2018	256	36	14	18	9	7
	Nov 2018	255	35	5	7	4	6
	Dec 2018	285	36	13	16	9	6
	Jan 2019	339	36	12	16	9	6
	Feb 2019	293	32	10	14	7	5
	Mar 2019	311	36	12	16	9	6
	Winter 2019	**1740**	**211**	**66**	**87**	**47**	**35**
	Apr 2019	276	35	15	22	13	5
	May 2019	280	36	46	65	23	7
	Jun 2019	304	55	25	36	22	8
	Jul 2019	350	57	31	38	21	10
	Aug 2019	370	36	34	40	21	9
	Sep 2019	274	35	29	34	18	7
	Summer 2019	**1854**	**254**	**179**	**236**	**118**	**45**
	Oct 2019	261	36	20	24	13	6
	Nov 2019	259	35	20	25	13	6
	Dec 2019	291	36	34	42	21	6

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

January 2018 24-Month Study

Most Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions

Date	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Total KAF	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****EFFECTIVE SPACE****										
Jan 2018	546	237	426	10254	11464	17156	28620	546	237	426	1210	10254	17156	28620	5350	475	0	32.0
Jan 2018	546	237	426	10254	11464	17156	28620	155	100	204	459	10254	17156	27870	5350	475	0	32.0
Feb 2018	659	273	441	10624	11997	16775	28773	268	138	218	625	10624	16775	28024	1500	673	0	31.7
Mar 2018	757	290	451	10885	12383	16694	29077	367	157	227	751	10885	16694	28329	1500	1004	0	31.2
Apr 2018	770	298	445	11193	12706	16893	29598	376	167	214	757	11193	16893	28842	1500	1049	0	30.7
May 2018	751	303	438	11396	12888	17237	30125	351	170	184	705	11396	17237	29338	1500	959	0	30.7
Jun 2018	646	234	378	11355	12614	17517	30131	234	88	86	408	11355	17517	29280	1500	870	0	31.4
Jul 2018	437	131	379	10800	11746	17691	29437	9	-30	31	10	10800	17691	28501	1500	831	0	31.0
								****CREDITABLE SPACE****										
Aug 2018	442	157	408	11073	12079	17687	29766	442	157	408	1006	11073	17687	29766	1500	740	0	30.6
Sep 2018	464	204	428	11560	12656	17514	30170	464	204	428	1096	11560	17514	30170	2270	730	0	30.1
Oct 2018	515	238	434	11883	13069	17545	30614	515	238	434	1186	11883	17545	30614	3040	525	0	29.8
Nov 2018	561	250	427	12095	13334	17436	30770	561	250	427	1238	12095	17436	30770	3810	703	0	29.5
Dec 2018	608	237	428	12306	13578	17494	31072	608	237	428	1273	12306	17494	31072	4580	631	0	29.3
Jan 2019	673	252	432	12586	13944	17410	31354	673	252	432	1358	12586	17410	31354	5350	627	0	29.1
								****EFFECTIVE SPACE****										
Jan 2019	673	252	432	12586	13944	17410	31354	382	252	170	804	12586	17410	30801	5350	627	0	29.1
Feb 2019	733	269	439	12982	14423	17172	31595	440	269	176	885	12982	17172	31039	1500	697	0	28.9
Mar 2019	780	279	435	13275	14769	17094	31863	484	279	171	935	13275	17094	31304	1500	1058	0	28.5
Apr 2019	780	283	381	13469	14913	17342	32256	480	283	110	874	13469	17342	31685	1500	1060	0	28.5
May 2019	749	260	292	13333	14634	17691	32325	442	260	-1	701	13333	17691	31725	1500	964	0	29.7
Jun 2019	615	203	310	12067	13195	17970	31166	295	198	-23	471	12067	17970	30508	1500	875	0	31.1
Jul 2019	391	44	437	10635	11507	18158	29665	55	18	48	121	10635	18158	28914	1500	833	0	31.3
								****CREDITABLE SPACE****										
Aug 2019	352	26	450	10513	11341	18163	29503	352	26	450	827	10513	18163	29503	1500	729	0	31.0
Sep 2019	376	62	462	10861	11762	17979	29741	376	62	462	901	10861	17979	29741	2270	744	0	30.6
Oct 2019	429	110	460	11057	12055	18022	30077	429	110	460	998	11057	18022	30077	3040	506	0	30.4
Nov 2019	476	136	447	11158	12217	17894	30111	476	136	447	1059	11158	17894	30111	3810	671	0	30.2
Dec 2019	523	171	445	11280	12419	17921	30340	523	171	445	1139	11280	17921	30340	4580	595	0	30.1

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3049

Processed On: 1/12/2018 9:06:59AM

February 24-Month Study
Date: February 13, 2018

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

Reservoir	January Inflow (unregulated) (acre-feet)	Percent of Average (%)	February 12, Midnight Elevation (feet)	February 12, Midnight Reservoir Storage (acre-feet)
Fontenelle	42,000	139	6,477.31	152,000
Flaming Gorge	52,000	129	6,026.95	3,233,000
Blue Mesa	20,000	84	7,486.15	552,000
Navajo	12,000	56	6,052.15	1,251,000
Powell	262,000	72	3,617.89	13,541,000

Expected Operations

The operation of Lake Powell and Lake Mead in this February 2018 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines), and reflects the 2018 Annual Operating Plan (AOP). Pursuant to the Interim Guidelines, the August 2017 24-Month Study projections of the January 1, 2018, system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2018.

Consistent with Section 6.B of the Interim Guidelines, Lake Powell's operations in water year 2018 will be governed by the Upper Elevation Balancing Tier, with an initial water year release volume of 8.23 million acre-feet (maf) and the potential for an April adjustment to equalization or balancing releases in April 2018. This February 2018 24-Month Study indicates that, consistent with Section 6.B.4 of the Interim Guidelines, an April adjustment to balancing releases is projected to occur and Lake Powell is projected to release 9.0 maf in water year 2018.

Consistent with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar year 2018.

The Interim Guidelines are available for download at:
https://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The 2018 AOP is available for download at:
https://www.usbr.gov/lc/region/g4000/aop/AOP18.pdf

Fontenelle Reservoir – Fontenelle Reservoir is currently at elevation 6479 feet above sea level (feet), which amounts to 47 percent of live storage capacity. Inflows for the month of January totaled 42,100 acre-feet (af), or 139 percent of average. Average to above average inflows are forecasted over the next few months and releases have been increased in order to meet the spring elevation target. Releases have been set to base flow levels of 1,300 cubic feet per second (cfs) and are forecasted to remain at this level through the winter.

The Colorado Basin River Forecast Center has forecasted spring inflows that are above average. February, March, and April forecasted inflow volumes amount to 38,000 af (137 percent of average), 58,000 af (110 percent of average), and 85,000 af (100 percent of average), respectively.

The next Fontenelle Working Group meeting is scheduled for 10:00 a.m., April 17, 2018. The meeting will be held at Seedskadee Wildlife Refuge Headquarters, Wyoming. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir.

Flaming Gorge Reservoir – Releases are currently 2,800 cfs and expected to remain at this level through February, subject to hydrology. Current estimates are for releases to decrease to 1,750 cfs beginning in March through the beginning of spring runoff.

Unregulated inflow into Flaming Gorge Reservoir during the month of January was 52,000 af, or 130 percent of average. The reservoir elevation is 6,027.39 feet (87 percent of live capacity) and decreasing.

The February final forecast for inflows for the next three months projects above average conditions: February, March and April forecasted inflow volumes at 55,000 af (123 percent of average), 104,000 af (102 percent of average), and 125,000 af (94 percent of average), respectively.

The January water supply forecast of the April through July unregulated inflow volume into Flaming Gorge Reservoir is 890,000 acre-feet (91 percent of average). Current snowpack is 102 percent of median for the Upper Green Basin. The Upper Green is doing well compared against the southern portion of the Upper Colorado River Basin. The Yampa River forecast for Deerlodge is 790,000 acre-feet (64 percent of average).

The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stakeholders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations and plans presented by Reclamation

at these meetings. Meeting notes from past Working Group meetings are posted on the Working Group webpage. For more information on this group and these meetings please contact Dale Hamilton at 801-379-1186 or Heather Patno at 801-524-3883.

Reclamation will be holding the next Flaming Gorge Working Group meeting on Thursday, March 8, 2018, at 7:00 p.m. at the Lighthouse Learning Center High School (gymnasium), 251 West 400 North, Price, Utah, and the next on April 19, 2018, at 11:00 a.m. at the UDWR offices 318 North Vernal Ave, Vernal, Utah.

Aspinall Unit Reservoirs – Releases from Crystal Dam are approximately 650 cfs. Uncompahgre Valley Water Users Association shut down the Gunnison Tunnel on November 1, 2017 so all releases from Crystal are now flowing through the Black Canyon. Blue Mesa Reservoir elevation is 7586.15 feet which corresponds to a storage content 552,000 acre-feet (67 percent of full capacity). Releases from Crystal are likely to be reduced in the near future if hydrologic conditions do not improve.

The January unregulated inflow to Blue Mesa Reservoir was 20,355 af (84 percent of average). Unregulated Inflows to Blue Mesa for the next three months (February, March and April) are projected to be: 20,000 af (91 percent of average), 30,000 af (83 percent of average) and 48,000 af (62 percent of average), respectively. For water year 2018, the unregulated inflow volume is forecasted to be 627,000 af (66 percent of average) with 400,000 af (59 percent of average) forecasted unregulated inflow during the April through July period. The February 24-Month Study is reflective of this new forecast.

The Aspinall Unit Working Group is an open public forum for information exchange between Reclamation and the stakeholders of the Aspinall Unit. The public is encouraged to attend and comments on the operations and plans presented by Reclamation at these meetings. Meeting notes from past working Group meetings are posted on the Working Group webpage. For more information on this group and these meetings please contact Erik Knight in the Grand Junction Area Office at (970) 248-0629.

Meeting notes from past working Group meetings are posted on the Working Group webpage at:

https://www.usbr.gov/uc/wcao/water/rsvrs/mtgs/amcurrnt.html

The next meeting of the Aspinall Unit Working Group will be held on Thursday, April 17th, 2018 at 1:00 pm at the at the Western Colorado Area Office located at 445 West Gunnison Avenue in Grand Junction, Colorado.

Navajo Reservoir – As of February 5, 2018, the daily average release at Navajo is 360 cfs, and the observed inflow is 190 cfs. The reservoir elevation is 6052.3 feet (1,253,100 af), and is 74 percent full (57 percent of active storage). The San Juan River at Four Corners USGS gage is at 580 cfs. The Animas River at Farmington USGS gage is at 190

cfs. Releases are made for the authorized purposes of the Navajo Unit, and pursuant to the 2006 Record of Decision, in an attempt to maintain a target base flow through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell). The San Juan River Basin Recovery Implementation Program (SJRIP) recommends a target base flow of between 500 cfs and 1,000 cfs through the critical habitat area. The target base flow is calculated as the weekly average of gaged flows throughout the critical habitat area.

Currently SNOTEL sites are showing an average of 4.3 inches of snow water equivalent (swe) above Navajo, which is 32% of the median and 21% of the seasonal median peak.

Modified unregulated inflow into Navajo was 12,194 af, which was 56% of average for the month. The most probable modified-unregulated inflow forecast for February at Navajo is 16,000 af (53% of average), for March is 35,000 af (38% of average), and for April is 53,000 af (31% of average).

The April through July runoff forecasts are as follows:
Min Probable: 120,000 af (16% of average)
Most Probable: 260,000 af (35% of average)
Max Probable: 500,000 af (68% of average)

Under the current soil moisture conditions, snowpack, and inflow forecast for the runoff season, there are no current plans for a spring peak release at Navajo Reservoir. Releases for the remainder of the winter will be made to maintain the target baseflow in the critical habitat reach and will range from 300 and 500 cfs.

Reclamation conducts Public Operations Meetings three times per year to gather input for determining upcoming operations for Navajo Reservoir. Input from individuals, organizations, and agencies along with other factors such as weather, water rights, endangered species requirements, flood control, hydro power, recreation, fish and wildlife management, and reservoir levels, will be considered in the development of these reservoir operation plans. In addition, the meetings are used to coordinate activities and exchange information among agencies, water users, and other interested parties concerning the San Juan River and Navajo Reservoir.

The next Navajo Public Operations Coordination Meeting is scheduled for February 13, 2018, at 1:00 p.m. at the Farmington Civic Center, Farmington, NM.

Glen Canyon Dam / Lake Powell

Current Status
The unregulated inflow to Lake Powell in January was 262 thousand acre-feet (kaf) (72 percent of average). The release volume from Glen Canyon Dam in January was 860 kaf. The end of January elevation and storage of Lake Powell were 3,619 feet (81 feet from full pool) and 13.7 maf (56 percent of full capacity), respectively. The reservoir is

declining and will continue to decline until spring runoff begins to enter the reservoir. The current snowpack above Lake Powell is 66 percent of average.

Current Operations

The operating tier for water year 2018 was established in August 2017 as the Upper Elevation Balancing Tier, with an initial water year release volume of 8.23 maf and the potential for an April 2018 adjustment to equalization or balancing releases. Based on the current forecast, an April adjustment to balancing is projected to occur and Lake Powell is currently projected to release 9.0 maf in water year 2018. This projection will be updated each month throughout the water year. Reclamation will schedule operations at Glen Canyon Dam to achieve as practicably as possible the appropriate total annual release volume by September 30, 2018.

In February 2018, the release volume will be approximately 730 kaf, with fluctuations anticipated between approximately 10,500 cfs and 13,900 cfs and consistent with the Glen Canyon Dam, Record of Decision (dated December 2016). The anticipated release volume for March is approximately 800 kaf with daily fluctuations between approximately 7,200 cfs and 16,000 cfs. The expected release for April is 705 kaf with daily fluctuations between approximately 8,650 cfs and 15,000 cfs.

In addition to daily scheduled fluctuations for power generation, the instantaneous releases from Glen Canyon Dam may also fluctuate to provide 40 MW of system regulation. These instantaneous release adjustments stabilize the electrical generation and transmission system and translate to a range of up to about 1,200 cfs above or below the hourly scheduled release rate. Under system normal conditions, fluctuations for regulation are typically short lived and generally balance out over the hour with minimal or no noticeable impacts on downstream river flow conditions.

Releases from Glen Canyon Dam can also fluctuate beyond scheduled releases when called upon to respond to unscheduled power outages or power system emergencies. Depending on the severity of the system emergency, the response from Glen Canyon Dam can be significant, within the full range of the operating capacity of the power plant for as long as is necessary to maintain balance in the transmission system. Glen Canyon Dam currently maintains 27 MW (approximately 800 cfs) of generation capacity in reserve in order to respond to a system emergency even when generation rates are already high. System emergencies occur fairly infrequently and typically require small responses from Glen Canyon Dam. However, these responses can have a noticeable impact on the river downstream of Glen Canyon Dam.

Inflow Forecasts and Model Projections

The April to July 2018 water supply forecast for unregulated inflow to Lake Powell, issued on February 2, 2018, by the Colorado Basin River Forecast Center, projects that the most probable (median) unregulated inflow volume will be 3.4 maf (47 percent of average based on the period 1981-2010). The projected water year 2018 inflow is 6.1 maf (56 percent of average). At this early point in the season, there is still significant uncertainty regarding this year's water supply. The April-July forecast ranges from a minimum probable of 2.11 maf (29 percent of average) to a maximum probable of 6.5 maf (90 percent of average). There is a 10 percent chance that inflows could be higher

than the current maximum probable forecast and a 10 percent chance that inflows could be lower than the minimum probable forecast.

Based on the current forecast, the February 24-Month Study projects Lake Powell elevation will end water year 2018 near 3,603 feet with approximately 12.0 maf in storage (49 percent of capacity). Note that projections of elevation and storage for water year 2018 have significant uncertainty at this point in the season. Projections of elevation and storage using the minimum and maximum probable inflow forecast, updated in January, are 3,591 feet (10.9 maf, 45 percent of capacity) and 3,628 feet (14.7 maf, 60 percent of capacity), respectively. Under these scenarios, there is a 10 percent chance that inflows will be higher, resulting in higher elevation and storage, and 10 percent chance that inflows will be lower, potentially in lower elevation and storage. The annual release volume from Lake Powell during water year 2018 is projected to be 9.0 maf under the minimum, most, and maximum probable inflow scenarios. There is a chance that inflows could be higher or lower, potentially resulting in releases greater than 9.0 maf or as low as 8.23 maf in water year 2018. The minimum and maximum probable scenarios will be updated again in April.

Upper Colorado River Basin Hydrology

The Upper Colorado River Basin regularly experiences significant year to year hydrologic variability. During the 18-year period 2000 to 2017, however, the unregulated inflow to Lake Powell, which is a good measure of hydrologic conditions in the Colorado River Basin, was above average in only 4 out of the past 18 years. The period 2000-2017 is the lowest 18-year period since the closure of Glen Canyon Dam in 1963, with an average unregulated inflow of 8.76 maf, or 81 percent of the 30-year average (1981-2010). (For comparison, the 1981-2010 total water year average is 10.83 maf.) The unregulated inflow during the 2000-2017 period has ranged from a low of 2.64 maf (24 percent of average) in water year 2002 to a high of 15.97 maf (147 percent of average) in water year 2011. In water year 2017 unregulated inflow volume to Lake Powell was 11.9 maf (110 percent of average), the fourth year to be above average. Under the current most probable forecast, the total water year 2018 unregulated inflow to Lake Powell is projected to be 6.1 maf (56 percent of average).

At the beginning of water year 2018, total system storage in the Colorado River Basin was 32.9 maf (55 percent of 59.6 maf total system capacity). This is an increase of 2.7 maf over the total storage at the beginning of water year 2017 when total system storage was 30.2 maf (51 percent of capacity). Since the beginning of water year 2000, total Colorado Basin storage has experienced year to year increases and decreases in response to wet and dry hydrology, ranging from a high of 94 percent of capacity at the beginning of 2000 to a low of 50 percent of capacity at the beginning of water year 2005. One wet year can significantly increase total system reservoir storage, just as persistent dry years can draw down the system storage. Based on current inflow forecasts, the current projected end of water year total Colorado Basin reservoir storage for water year 2018 is approximately 29.3 maf (49 percent of total system capacity). The actual end of water year 2018 system storage may vary from this projection, primarily due to uncertainty regarding this season's runoff and reservoir inflow. Based on the January minimum and maximum probable inflow forecasts and modeling, the range of end of water year 2018

total system capacity is approximately 28.0 maf (47 percent of capacity) to 32.7 maf (55 percent of capacity), respectively.

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-430
125 SOUTH STATE STREET, ROOM 8100
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-3709

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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:	Obs			jan	Forecast		Outlook		
:	oct	nov	dec	jan	%Avg	feb	mar	apr	apr-jul	%Avg
GLDA3:Lake Powell	449	387	299	262	73%:	310/	440/	550/	3400/:	47%
GBRW4:Fontenelle	73	62	46	42	139%:	38/	58/	85/	750/:	103%
GRNU1:Flaming Gorge	88	82	52	52	129%:	55/	104/	125/	890/:	91%
BMDC2:Blue Mesa	37	32	25	20	82%:	20/	30/	48/	400/:	59%
MPSC2:Morrow Point	38	34	26	22	83%:	20/	33/	55/	435/:	59%
CLSC2:Crystal	43	38	29	25	80%:	23/	38/	63/	480/:	57%
TPIC2:Taylor Park	8.2	5.9	4.1	4.2	98%:	3.5/	4/	7/	70/:	71%
VCRC2:Vallecito	8.6	5.1	3.2	2.7	50%:	3.5/	4/	8/	75/:	39%
NVRN5:Navajo	38	18.8	10.3	12.2	56%:	16/	35/	53/	260/:	35%
LEMC2:Lemon	1.31	0.73	0.50	0.40	46%:	0.5/	1/	2/	18/:	33%
MPHC2:McPhee	2.9	2.2	0.71	1.64	36%:	3/	7/	22/	110/:	37%
RBSC2:Ridgway	6.3	5.0	3.7	3.5	88%:	3/	4/	6/	56/:	55%

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 2018 24-Month Study

Most Probable Inflow*

Fontenelle Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Feb 2017	51	1	0	57	57	6482.06	178
H	Mar 2017	180	1	0	150	150	6486.90	207
I	Apr 2017	225	1	0	304	304	6472.17	128
S	May 2017	430	1	54	373	427	6472.55	129
T	Jun 2017	732	2	74	469	543	6502.49	317
O	Jul 2017	332	3	88	230	319	6503.83	328
R	Aug 2017	102	2	95	61	156	6496.34	271
I	Sep 2017	66	2	69	4	72	6495.21	263
	WY 2017	**2319**	**15**	**379**	**1890**	**2270**		
C	Oct 2017	73	1	80	0	80	6494.03	255
A	Nov 2017	62	1	78	0	78	6491.65	238
L	Dec 2017	46	1	72	8	80	6486.39	204
*	Jan 2018	42	1	79	1	80	6479.83	165
	Feb 2018	38	0	73	0	73	6472.64	131
	Mar 2018	58	0	77	0	77	6468.16	111
	Apr 2018	85	1	71	0	71	6471.24	124
	May 2018	165	1	74	0	74	6487.87	214
	Jun 2018	315	2	104	126	230	6499.74	297
	Jul 2018	185	3	101	39	140	6505.19	339
	Aug 2018	72	2	75	0	75	6504.53	334
	Sep 2018	45	2	68	0	68	6501.27	309
	WY 2018	**1186**	**15**	**951**	**175**	**1126**		
	Oct 2018	48	1	71	0	71	6498.09	285
	Nov 2018	42	1	68	0	68	6494.29	257
	Dec 2018	32	1	71	0	71	6488.42	218
	Jan 2019	30	1	71	0	71	6481.81	177
	Feb 2019	28	1	64	0	64	6474.71	140
	Mar 2019	53	0	79	0	79	6468.53	113
	Apr 2019	85	1	81	0	81	6469.57	117
	May 2019	164	1	98	21	119	6478.92	161
	Jun 2019	299	2	102	57	159	6500.05	299
	Jul 2019	178	3	101	31	132	6505.54	342
	Aug 2019	77	2	90	0	90	6503.55	326
	Sep 2019	46	2	71	0	71	6500.01	299
	WY 2019	**1081**	**15**	**966**	**109**	**1075**		
	Oct 2019	49	1	70	0	70	6496.93	276
	Nov 2019	42	1	68	0	68	6493.21	250
	Dec 2019	32	1	70	0	70	6487.38	211
	Jan 2020	30	1	70	0	70	6480.68	171

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3052

Processed On: 2/12/2018 12:01:40PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 2018 24-Month Study

Most Probable Inflow*

Flaming Gorge Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	Feb 2017	106	112	2	109	0	109	124	6023.03	3088	189
H	Mar 2017	400	370	3	256	26	282	128	6025.25	3169	408
I	Apr 2017	350	428	5	268	244	511	124	6022.93	3084	745
S	May 2017	582	580	8	278	171	449	129	6026.15	3203	857
T	Jun 2017	895	705	11	263	223	486	137	6031.41	3404	859
O	Jul 2017	387	374	14	180	48	228	142	6034.61	3531	315
R	Aug 2017	120	174	13	143	0	143	143	6035.05	3548	173
I	Sep 2017	87	93	11	141	0	141	140	6033.63	3491	161
	WY 2017	**3153**	**3104**	**81**	**2016**	**712**	**2728**				**4225**
C	Oct 2017	88	95	8	107	0	107	140	6033.17	3473	155
A	Nov 2017	82	98	4	139	0	139	138	6032.07	3430	171
L	Dec 2017	52	86	2	174	0	174	135	6029.85	3343	201
*	Jan 2018	52	90	2	175	0	175	131	6027.65	3259	203
	Feb 2018	55	90	2	156	0	156	129	6025.91	3194	183
	Mar 2018	104	123	3	100	0	100	129	6026.41	3213	160
	Apr 2018	125	111	5	95	0	95	130	6026.70	3224	245
	May 2018	220	129	8	160	0	160	128	6025.70	3186	480
	Jun 2018	350	265	10	156	0	156	132	6028.23	3281	436
	Jul 2018	195	150	14	98	0	98	133	6029.19	3318	138
	Aug 2018	87	90	13	98	0	98	133	6028.66	3298	114
	Sep 2018	56	79	11	95	0	95	132	6027.98	3272	105
	WY 2018	**1466**	**1406**	**80**	**1554**	**0**	**1554**				**2592**
	Oct 2018	60	82	7	98	0	98	131	6027.39	3249	121
	Nov 2018	51	78	3	95	0	95	130	6026.86	3229	122
	Dec 2018	35	74	2	98	0	98	129	6026.18	3204	124
	Jan 2019	40	81	2	98	0	98	128	6025.68	3185	123
	Feb 2019	45	81	2	89	0	89	128	6025.41	3176	117
	Mar 2019	102	129	3	98	0	98	129	6026.13	3202	175
	Apr 2019	134	129	5	95	0	95	130	6026.87	3230	310
	May 2019	245	200	8	98	0	98	134	6029.25	3320	630
	Jun 2019	390	249	11	150	0	150	137	6031.47	3406	570
	Jul 2019	210	165	14	161	0	161	137	6031.23	3397	261
	Aug 2019	89	102	13	108	0	108	136	6030.77	3379	133
	Sep 2019	55	81	11	104	0	104	135	6029.91	3345	123
	WY 2019	**1455**	**1450**	**81**	**1293**	**0**	**1293**				**2808**
	Oct 2019	59	81	7	108	0	108	133	6029.04	3312	140
	Nov 2019	51	77	3	104	0	104	132	6028.27	3283	136
	Dec 2019	35	73	2	108	0	108	131	6027.34	3248	133
	Jan 2020	40	80	2	108	0	108	130	6026.60	3220	133

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3052

Processed On: 2/12/2018 12:01:40PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 2018 24-Month Study

Most Probable Inflow*

Taylor Park Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Feb 2017	4	5	9309.43	69
H	Mar 2017	6	6	9309.23	69
I	Apr 2017	13	9	9312.04	73
S	May 2017	30	19	9318.55	84
T	Jun 2017	62	45	9327.76	102
O	Jul 2017	24	26	9326.95	100
R	Aug 2017	12	25	9320.31	88
I	Sep 2017	8	18	9314.58	77
	WY 2017	**179**	**173**		
C	Oct 2017	8	8	9314.93	78
A	Nov 2017	6	6	9315.09	78
L	Dec 2017	4	6	9313.84	76
*	Jan 2018	4	6	9312.64	74
	Feb 2018	4	6	9311.73	73
	Mar 2018	4	6	9310.49	71
	Apr 2018	7	6	9311.11	72
	May 2018	21	9	9318.18	84
	Jun 2018	30	15	9326.22	99
	Jul 2018	12	18	9323.09	93
	Aug 2018	7	15	9318.74	85
	Sep 2018	6	12	9315.32	79
	WY 2018	**114**	**112**		
	Oct 2018	6	6	9315.22	79
	Nov 2018	5	6	9314.51	77
	Dec 2018	5	6	9313.72	76
	Jan 2019	4	6	9312.73	74
	Feb 2019	4	6	9311.39	72
	Mar 2019	4	6	9310.42	71
	Apr 2019	9	6	9312.12	73
	May 2019	28	18	9318.14	84
	Jun 2019	42	30	9324.48	95
	Jul 2019	20	20	9324.56	95
	Aug 2019	10	10	9324.71	96
	Sep 2019	7	8	9324.38	95
	WY 2019	**144**	**128**		
	Oct 2019	7	8	9323.68	94
	Nov 2019	5	8	9322.15	91
	Dec 2019	5	8	9320.35	88
	Jan 2020	4	8	9318.33	84

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3052

Processed On: 2/12/2018 12:01:40PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 2018 24-Month Study

Most Probable Inflow*

Blue Mesa Reservoir

	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Feb 2017	28	29	0	44	1	44	7488.71	571
H	Mar 2017	70	70	0	69	0	70	7488.71	571
I	Apr 2017	145	140	1	53	0	53	7499.55	658
S	May 2017	244	233	1	151	65	293	7491.98	597
T	Jun 2017	392	373	1	139	35	175	7515.35	793
O	Jul 2017	135	137	2	113	0	110	7518.20	819
R	Aug 2017	84	96	1	111	0	111	7516.38	802
I	Sep 2017	35	45	1	115	0	114	7508.43	732
	WY 2017	**1245**	**1238**	**9**	**987**	**101**	**1163**		
C	Oct 2017	37	37	1	102	0	102	7500.64	667
A	Nov 2017	32	32	0	40	0	40	7499.68	659
L	Dec 2017	25	27	0	93	0	93	7491.44	593
*	Jan 2018	20	22	0	60	0	60	7486.51	554
	Feb 2018	20	22	0	33	0	33	7485.02	543
	Mar 2018	30	32	0	34	0	34	7484.72	541
	Apr 2018	48	47	1	50	0	50	7484.17	537
	May 2018	140	128	1	49	0	49	7494.29	615
	Jun 2018	155	140	1	53	0	53	7504.71	701
	Jul 2018	57	63	1	89	0	89	7501.45	673
	Aug 2018	35	43	1	89	0	89	7495.69	626
	Sep 2018	28	34	1	67	0	67	7491.44	593
	WY 2018	**627**	**626**	**8**	**757**	**0**	**757**		
	Oct 2018	32	32	1	41	0	41	7490.15	583
	Nov 2018	28	30	0	13	0	13	7492.19	599
	Dec 2018	26	27	0	24	0	24	7492.55	601
	Jan 2019	24	26	0	24	0	24	7492.80	603
	Feb 2019	22	25	0	21	0	21	7493.19	606
	Mar 2019	36	38	0	25	0	25	7494.67	618
	Apr 2019	77	74	1	36	0	36	7499.32	656
	May 2019	221	211	1	167	0	167	7504.41	698
	Jun 2019	261	249	1	136	0	136	7517.17	809
	Jul 2019	117	117	2	99	0	99	7518.93	825
	Aug 2019	63	63	1	108	0	108	7513.78	779
	Sep 2019	38	39	1	107	0	107	7505.76	709
	WY 2019	**946**	**929**	**9**	**804**	**0**	**804**		
	Oct 2019	38	40	1	66	0	66	7502.59	683
	Nov 2019	31	34	0	53	0	53	7500.33	664
	Dec 2019	26	29	0	85	0	85	7493.31	607
	Jan 2020	24	28	0	68	0	68	7488.20	567

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3052

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 2018 24-Month Study

Most Probable Inflow*

Morrow Point Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Feb 2017	29	44	1	45	55	0	55	7140.48	102
H	Mar 2017	74	70	5	74	64	0	68	7148.96	108
I	Apr 2017	157	53	12	66	65	0	65	7149.64	109
S	May 2017	263	293	19	312	203	0	312	7149.70	109
T	Jun 2017	411	175	19	195	184	0	193	7151.34	110
O	Jul 2017	139	110	4	114	37	0	111	7155.13	113
R	Aug 2017	86	111	2	113	0	0	115	7152.68	111
I	Sep 2017	35	114	0	115	92	0	112	7155.62	114
	WY 2017	**1314**	**1163**	**69**	**1232**	**893**	**0**	**1226**		
C	Oct 2017	38	102	1	103	105	0	105	7153.17	112
A	Nov 2017	34	40	1	41	42	0	42	7152.45	111
L	Dec 2017	26	93	1	94	94	0	94	7152.45	111
*	Jan 2018	22	60	2	62	62	0	63	7150.65	110
	Feb 2018	20	33	0	33	30	0	30	7153.73	112
	Mar 2018	33	34	3	37	37	0	37	7153.73	112
	Apr 2018	55	50	7	57	57	0	57	7153.73	112
	May 2018	152	49	12	61	61	0	61	7153.73	112
	Jun 2018	168	53	13	66	66	0	66	7153.73	112
	Jul 2018	60	89	3	92	92	0	92	7153.73	112
	Aug 2018	37	89	2	91	91	0	91	7153.73	112
	Sep 2018	30	67	2	69	69	0	69	7153.73	112
	WY 2018	**675**	**757**	**47**	**805**	**805**	**0**	**806**		
	Oct 2018	34	41	2	43	43	0	43	7153.73	112
	Nov 2018	30	13	2	15	15	0	15	7153.73	112
	Dec 2018	28	24	2	26	26	0	26	7153.73	112
	Jan 2019	27	24	2	26	26	0	26	7153.73	112
	Feb 2019	25	21	3	24	24	0	24	7153.73	112
	Mar 2019	40	25	4	29	29	0	29	7153.73	112
	Apr 2019	88	36	11	47	47	0	47	7153.73	112
	May 2019	247	167	26	193	193	0	193	7153.73	112
	Jun 2019	281	136	20	156	156	0	156	7153.73	112
	Jul 2019	123	99	6	105	105	0	105	7153.73	112
	Aug 2019	67	108	3	112	112	0	112	7153.73	112
	Sep 2019	41	107	3	110	110	0	110	7153.73	112
	WY 2019	**1030**	**804**	**85**	**888**	**888**	**0**	**888**		
	Oct 2019	41	66	3	68	68	0	68	7153.73	112
	Nov 2019	33	53	2	55	55	0	55	7153.73	112
	Dec 2019	28	85	2	88	88	0	88	7153.73	112
	Jan 2020	27	68	2	70	70	0	70	7153.73	112

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 2018 24-Month Study

Most Probable Inflow*

Crystal Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
*	Feb 2017	34	55	4	59	56	4	60	6749.56	16	0	60
H	Mar 2017	81	68	6	74	0	73	73	6752.06	17	8	67
I	Apr 2017	167	65	10	75	31	44	75	6751.65	17	39	38
S	May 2017	285	312	22	334	86	73	331	6759.83	19	62	270
T	Jun 2017	446	193	36	229	44	127	231	6751.78	17	61	172
O	Jul 2017	148	111	8	119	96	25	121	6746.24	15	63	60
R	Aug 2017	89	115	3	119	119	0	119	6744.79	15	62	58
I	Sep 2017	39	112	4	116	115	0	115	6748.63	16	59	56
	WY 2017	**1423**	**1226**	**109**	**1335**	**751**	**350**	**1334**			**413**	**929**
C	Oct 2017	43	105	5	110	109	0	109	6751.20	16	55	53
A	Nov 2017	38	42	4	46	46	0	46	6749.89	16	1	46
L	Dec 2017	29	94	3	97	97	0	97	6749.23	16	1	98
*	Jan 2018	25	63	3	66	62	4	66	6747.99	16	1	67
	Feb 2018	23	30	3	33	32	0	32	6753.04	17	0	32
	Mar 2018	38	37	5	42	42	0	42	6753.04	17	5	37
	Apr 2018	63	57	8	65	65	0	65	6753.04	17	30	35
	May 2018	178	61	26	87	87	0	87	6753.04	17	55	32
	Jun 2018	178	66	10	76	76	0	76	6753.04	17	60	16
	Jul 2018	61	92	1	93	93	0	93	6753.04	17	65	28
	Aug 2018	39	91	2	93	93	0	93	6753.04	17	65	28
	Sep 2018	32	69	2	71	71	0	71	6753.04	17	55	16
	WY 2018	**747**	**806**	**72**	**879**	**873**	**5**	**877**			**392**	**487**
	Oct 2018	37	43	3	47	47	0	47	6753.04	17	30	17
	Nov 2018	34	15	4	19	19	0	19	6753.04	17	0	19
	Dec 2018	32	26	5	31	31	0	31	6753.04	17	0	31
	Jan 2019	31	26	5	31	31	0	31	6753.04	17	0	31
	Feb 2019	29	24	4	28	28	0	28	6753.04	17	0	28
	Mar 2019	46	29	6	36	36	0	36	6753.04	17	5	31
	Apr 2019	101	47	12	60	60	0	60	6753.04	17	30	30
	May 2019	281	193	34	228	134	93	228	6753.04	17	55	173
	Jun 2019	315	156	34	190	130	60	190	6753.04	17	60	130
	Jul 2019	138	105	14	120	120	0	120	6753.04	17	65	55
	Aug 2019	75	112	8	120	120	0	120	6753.04	17	65	55
	Sep 2019	47	110	6	116	116	0	116	6753.04	17	55	61
	WY 2019	**1166**	**888**	**136**	**1024**	**870**	**154**	**1024**			**365**	**659**
	Oct 2019	47	68	6	74	74	0	74	6753.04	17	30	44
	Nov 2019	38	55	5	60	60	0	60	6753.04	17	0	60
	Dec 2019	32	88	5	92	92	0	92	6753.04	17	0	92
	Jan 2020	31	70	5	75	75	0	75	6753.04	17	0	75

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 2018 24-Month Study

Most Probable Inflow*

Vallecito Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Feb 2017	7	15	7645.42	76
H	Mar 2017	24	24	7645.75	77
I	Apr 2017	45	35	7649.82	87
S	May 2017	67	44	7658.86	109
T	Jun 2017	72	57	7664.54	124
O	Jul 2017	30	39	7660.94	115
R	Aug 2017	19	33	7655.15	100
I	Sep 2017	9	34	7644.31	74
	WY 2017	**303**	**297**		
C	Oct 2017	9	22	7638.22	61
A	Nov 2017	5	2	7639.49	63
L	Dec 2017	3	1	7640.27	65
*	Jan 2018	3	0	7641.42	67
	Feb 2018	3	0	7642.77	70
	Mar 2018	4	0	7644.32	74
	Apr 2018	8	0	7647.51	81
	May 2018	31	25	7650.00	87
	Jun 2018	25	34	7645.83	77
	Jul 2018	11	33	7635.10	54
	Aug 2018	10	31	7622.98	33
	Sep 2018	9	24	7610.54	18
	WY 2018	**121**	**174**		
	Oct 2018	11	14	7607.02	15
	Nov 2018	8	2	7612.94	21
	Dec 2018	6	2	7616.78	25
	Jan 2019	5	2	7619.54	29
	Feb 2019	5	2	7621.73	32
	Mar 2019	9	2	7626.10	38
	Apr 2019	23	2	7637.68	59
	May 2019	71	31	7655.06	99
	Jun 2019	70	44	7664.96	125
	Jul 2019	29	42	7659.89	112
	Aug 2019	20	38	7652.61	93
	Sep 2019	17	30	7647.41	81
	WY 2019	**275**	**209**		
	Oct 2019	16	17	7646.64	79
	Nov 2019	9	2	7649.57	86
	Dec 2019	6	2	7651.40	90
	Jan 2020	5	2	7652.82	94

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Managing Water in the West

February 2018 24-Month Study

Most Probable Inflow*

Navajo Reservoir

	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azetea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Farmington Flow (1000 Ac-Ft)
*	Feb 2017	56	1	62	1	1	27	6059.31	1339	47
H	Mar 2017	176	17	159	2	6	30	6068.54	1460	98
I	Apr 2017	235	33	193	3	19	33	6078.18	1598	132
S	May 2017	261	45	195	4	25	228	6073.94	1536	323
T	Jun 2017	231	46	166	5	40	259	6063.90	1398	458
O	Jul 2017	49	11	48	4	43	38	6061.00	1361	95
R	Aug 2017	30	5	38	4	35	36	6058.07	1323	57
I	Sep 2017	9	2	33	3	23	42	6055.28	1289	46
	WY 2017	**1157**	**160**	**991**	**28**	**198**	**785**			**1422**
C	Oct 2017	38	2	49	2	8	32	6055.89	1296	52
A	Nov 2017	19	0	16	1	0	25	6055.04	1286	42
L	Dec 2017	10	0	9	1	0	24	6053.69	1270	40
*	Jan 2018	12	0	10	1	0	24	6052.47	1255	40
	Feb 2018	16	0	13	1	0	28	6051.13	1239	36
	Mar 2018	35	0	31	1	5	32	6050.48	1231	44
	Apr 2018	53	10	36	2	21	38	6048.33	1206	57
	May 2018	116	23	87	3	35	29	6050.03	1226	89
	Jun 2018	66	15	60	4	51	33	6047.59	1198	95
	Jul 2018	25	2	46	4	56	53	6041.68	1131	77
	Aug 2018	29	0	49	3	47	54	6036.63	1077	72
	Sep 2018	28	0	43	2	26	49	6033.38	1043	65
	WY 2018	**447**	**52**	**448**	**25**	**249**	**420**			**707**
	Oct 2018	36	0	39	1	10	36	6032.59	1035	55
	Nov 2018	30	0	24	1	0	24	6032.48	1034	39
	Dec 2018	25	0	21	1	0	25	6032.03	1029	40
	Jan 2019	22	0	18	1	0	25	6031.36	1022	38
	Feb 2019	30	0	27	1	0	22	6031.77	1026	35
	Mar 2019	92	0	86	1	5	25	6037.02	1081	47
	Apr 2019	170	10	139	2	21	25	6045.36	1172	78
	May 2019	277	23	214	3	36	25	6058.00	1323	171
	Jun 2019	224	15	182	4	52	24	6065.83	1424	176
	Jul 2019	66	2	77	5	57	45	6063.67	1395	112
	Aug 2019	45	0	63	4	48	50	6060.69	1357	89
	Sep 2019	43	0	55	3	26	45	6059.22	1338	77
	WY 2019	**1060**	**50**	**945**	**26**	**254**	**370**			**956**
	Oct 2019	47	0	48	2	10	39	6059.10	1336	67
	Nov 2019	34	0	27	1	0	24	6059.21	1338	42
	Dec 2019	25	0	21	1	0	25	6058.83	1333	40
	Jan 2020	22	0	18	1	0	25	6058.27	1326	38

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Managing Water in the West

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Most Probable Inflow*

Lake Powell

	Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry Gage (1000 Ac-Ft)
*	Feb 2017	555	565	8	711	0	711	3594.33	4951	11217	720
H	Mar 2017	1112	895	14	722	0	722	3595.91	4963	11364	730
I	Apr 2017	1608	1494	23	623	0	623	3604.14	5026	12149	629
S	May 2017	2377	2321	29	652	0	652	3619.09	5147	13667	658
T	Jun 2017	3115	2680	51	749	0	749	3634.89	5286	15408	763
O	Jul 2017	1073	889	64	850	0	850	3634.69	5284	15385	875
R	Aug 2017	446	495	63	900	0	900	3630.88	5250	14952	929
I	Sep 2017	196	410	57	663	0	663	3628.31	5227	14664	671
	WY 2017	**11905**	**11396**	**409**	**8874**	**126**	**9000**				**9152**
C	Oct 2017	449	533	39	640	0	640	3627.09	5216	14530	634
A	Nov 2017	387	454	37	630	0	630	3625.29	5200	14332	619
L	Dec 2017	299	483	29	740	0	740	3622.85	5179	14068	733
*	Jan 2018	262	442	9	860	0	860	3619.14	5147	13672	859
	Feb 2018	310	431	10	730	0	730	3616.42	5125	13387	732
	Mar 2018	440	443	16	800	0	800	3613.06	5097	13041	805
	Apr 2018	550	538	25	705	0	705	3611.32	5083	12863	713
	May 2018	1050	869	29	705	0	705	3612.55	5093	12988	711
	Jun 2018	1400	1138	46	760	0	760	3615.54	5117	13296	766
	Jul 2018	400	420	55	860	0	860	3611.06	5081	12837	875
	Aug 2018	290	427	53	900	0	900	3606.19	5042	12350	914
	Sep 2018	250	375	48	670	0	670	3602.94	5016	12033	679
	WY 2018	**6086**	**6554**	**396**	**9000**	**0**	**9000**				**9040**
	Oct 2018	380	438	33	640	0	640	3600.69	4999	11816	646
	Nov 2018	412	435	31	640	0	640	3598.39	4981	11597	644
	Dec 2018	363	424	24	720	0	720	3595.23	4958	11300	726
	Jan 2019	361	421	7	860	0	860	3590.74	4925	10887	866
	Feb 2019	393	428	8	750	0	750	3587.35	4900	10582	752
	Mar 2019	665	588	13	800	0	800	3585.00	4884	10374	805
	Apr 2019	1056	861	21	710	0	710	3586.37	4893	10495	718
	May 2019	2343	1948	26	710	0	710	3598.61	4983	11618	716
	Jun 2019	2666	2169	43	750	0	750	3611.60	5085	12892	756
	Jul 2019	1091	1061	55	850	0	850	3613.02	5097	13037	865
	Aug 2019	500	617	54	900	0	900	3609.94	5072	12724	914
	Sep 2019	408	555	49	670	0	670	3608.42	5059	12571	679
	WY 2019	**10637**	**9946**	**364**	**9000**	**0**	**9000**				**9086**
	Oct 2019	512	590	34	640	0	640	3607.63	5053	12493	646
	Nov 2019	473	538	33	640	0	640	3606.37	5043	12369	644
	Dec 2019	363	495	26	720	0	720	3604.00	5025	12136	726
	Jan 2020	361	475	8	860	0	860	3600.23	4995	11772	866

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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February 2018 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Glen Release (1000 Ac-Ft)	Side Inflow Glen to Hoover (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Feb 2017	711	150	28	488	8.8	7	487	704	1089.78	10838
H	Mar 2017	722	97	32	911	14.8	16	910	696	1088.26	10707
I	Apr 2017	623	92	39	961	16.1	20	960	677	1084.89	10420
S	May 2017	652	39	44	917	14.9	29	915	659	1081.56	10141
T	Jun 2017	749	17	53	864	14.5	29	864	648	1079.52	9971
O	Jul 2017	850	89	66	885	14.4	31	885	646	1079.03	9931
R	Aug 2017	900	94	70	683	11.1	28	683	658	1081.44	10131
I	Sep 2017	663	70	58	600	10.1	21	591	662	1082.05	10182
	WY 2017	**9000**	**994**	**541**	**8620**		**235**	**8591**			
C	Oct 2017	640	44	43	596	9.7	23	595	663	1082.30	10202
A	Nov 2017	630	40	42	731	12.3	16	731	656	1080.95	10090
L	Dec 2017	740	43	37	594	9.7	12	593	664	1082.52	10221
*	Jan 2018	860	76	30	449	7.3	8	448	692	1087.50	10642
	Feb 2018	730	72	28	674	12.1	15	674	697	1088.43	10722
	Mar 2018	800	46	32	1014	16.5	22	1014	683	1086.00	10514
	Apr 2018	705	39	39	1051	17.7	23	1051	661	1081.89	10168
	May 2018	705	26	44	974	15.8	27	974	642	1078.33	9873
	Jun 2018	760	10	52	892	15.0	33	892	629	1075.94	9678
	Jul 2018	860	77	65	855	13.9	36	855	628	1075.72	9659
	Aug 2018	900	127	69	744	12.1	35	744	639	1077.77	9827
	Sep 2018	670	110	57	755	12.7	27	755	635	1077.10	9772
	WY 2018	**9000**	**710**	**539**	**9329**		**278**	**9326**			
	Oct 2018	640	71	42	544	8.9	29	544	641	1078.20	9862
	Nov 2018	640	65	42	681	11.4	21	681	639	1077.75	9825
	Dec 2018	720	51	36	602	9.8	14	602	646	1079.10	9936
	Jan 2019	860	64	30	628	10.2	12	628	661	1081.96	10174
	Feb 2019	750	72	28	692	12.5	14	692	667	1082.95	10257
	Mar 2019	800	46	31	1054	17.1	21	1054	651	1080.02	10013
	Apr 2019	710	39	38	1058	17.8	23	1058	628	1075.79	9665
	May 2019	710	26	43	965	15.7	27	965	610	1072.32	9385
	Jun 2019	750	10	51	880	14.8	33	880	598	1069.92	9193
	Jul 2019	850	77	64	835	13.6	36	835	597	1069.84	9186
	Aug 2019	900	127	68	736	12.0	34	736	609	1072.06	9364
	Sep 2019	670	110	56	750	12.6	27	750	605	1071.45	9315
	WY 2019	**9000**	**757**	**527**	**9424**		**292**	**9424**			
	Oct 2019	640	71	41	503	8.2	28	503	614	1073.07	9445
	Nov 2019	640	65	41	667	11.2	21	667	612	1072.79	9423
	Dec 2019	720	51	35	591	9.6	14	591	620	1074.30	9544
	Jan 2020	860	64	29	549	8.9	14	549	641	1078.11	9855

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 2018 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Feb 2017	488	-13	10	486	0	486	8.7	642.70	1690
H	Mar 2017	911	-27	13	844	0	844	13.7	643.70	1718
I	Apr 2017	961	-23	17	955	0	955	16.1	642.45	1684
S	May 2017	917	-13	22	846	0	846	13.8	643.74	1719
T	Jun 2017	864	-6	25	853	0	853	14.3	643.01	1699
O	Jul 2017	885	-5	26	809	0	809	13.2	644.65	1744
R	Aug 2017	683	-8	23	707	0	707	11.5	642.64	1689
I	Sep 2017	600	-11	18	656	0	656	11.0	639.47	1603
	WY 2017	**8620**	**-183**	**199**	**8261**	**0**	**8261**			
C	Oct 2017	596	-2	15	671	0	671	10.9	636.00	1512
A	Nov 2017	731	-18	11	595	0	595	10.0	640.07	1619
L	Dec 2017	594	-16	9	552	0	552	9.0	640.68	1636
*	Jan 2018	449	2	10	437	0	437	7.1	640.86	1641
	Feb 2018	674	-16	10	618	0	618	11.1	642.00	1671
	Mar 2018	1014	-16	13	971	0	971	15.8	642.50	1685
	Apr 2018	1051	-20	17	1000	0	1000	16.8	643.00	1699
	May 2018	974	-13	22	939	0	939	15.3	643.00	1699
	Jun 2018	892	-18	25	876	0	876	14.7	642.00	1671
	Jul 2018	855	-16	25	827	0	827	13.5	641.50	1658
	Aug 2018	744	-12	23	709	0	709	11.5	641.50	1658
	Sep 2018	755	-11	18	766	0	766	12.9	640.01	1617
	WY 2018	**9329**	**-157**	**197**	**8960**	**0**	**8960**			
	Oct 2018	544	-4	15	709	0	709	11.5	633.00	1434
	Nov 2018	681	-11	10	608	0	608	10.2	635.00	1486
	Dec 2018	602	-10	9	486	0	486	7.9	638.71	1583
	Jan 2019	628	-19	10	516	0	516	8.4	641.80	1666
	Feb 2019	692	-16	10	666	0	666	12.0	641.80	1666
	Mar 2019	1054	-16	13	990	0	990	16.1	643.05	1700
	Apr 2019	1058	-20	17	1023	0	1023	17.2	643.00	1699
	May 2019	965	-13	22	930	0	930	15.1	643.00	1699
	Jun 2019	880	-18	25	864	0	864	14.5	642.00	1671
	Jul 2019	835	-16	25	807	0	807	13.1	641.50	1658
	Aug 2019	736	-12	23	701	0	701	11.4	641.50	1658
	Sep 2019	750	-11	18	760	0	760	12.8	640.01	1617
	WY 2019	**9424**	**-166**	**197**	**9060**	**0**	**9060**			
	Oct 2019	503	-4	15	668	0	668	10.9	633.00	1434
	Nov 2019	667	-11	10	594	0	594	10.0	635.00	1486
	Dec 2019	591	-10	9	475	0	475	7.7	638.71	1583
	Jan 2020	549	64	10	520	0	520	8.5	641.80	1666

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 2018 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	Feb 2017	486	14	8	393	7.1	13	62	448.30	586	160	2.9
H	Mar 2017	844	11	9	687	11.2	24	136	447.83	577	203	3.3
I	Apr 2017	955	13	11	729	12.3	42	160	448.73	594	181	3.0
S	May 2017	846	22	13	634	10.3	44	175	448.31	586	111	1.8
T	Jun 2017	853	0	15	689	11.6	57	79	448.41	588	126	2.1
O	Jul 2017	809	18	17	666	10.8	58	71	448.63	592	131	2.1
R	Aug 2017	707	12	17	570	9.3	58	70	448.28	585	102	1.7
I	Sep 2017	656	16	15	481	8.1	56	134	447.17	564	104	1.7
	WY 2017	**8261**	**219**	**140**	**6204**		**664**	**1406**			**1513**	
C	Oct 2017	671	9	12	478	7.8	69	131	446.27	548	65	1.1
A	Nov 2017	595	12	9	349	5.9	89	127	447.86	577	99	1.7
L	Dec 2017	552	17	7	335	5.5	100	144	446.80	557	109	1.8
*	Jan 2018	437	4	6	329	5.3	29	90	445.81	539	125	2.0
	Feb 2018	618	10	8	465	8.4	13	110	447.20	565	152	2.7
	Mar 2018	971	7	9	718	11.7	55	181	447.50	570	192	3.1
	Apr 2018	1000	19	11	720	12.1	82	174	448.70	593	178	3.0
	May 2018	939	15	13	658	10.7	85	186	448.70	593	119	1.9
	Jun 2018	876	15	16	707	11.9	82	73	448.70	593	127	2.1
	Jul 2018	827	26	17	678	11.0	85	74	448.00	580	135	2.2
	Aug 2018	709	25	17	597	9.7	85	33	447.50	571	104	1.7
	Sep 2018	766	20	15	529	8.9	82	151	447.50	570	96	1.6
	WY 2018	**8960**	**179**	**139**	**6563**		**857**	**1473**			**1501**	
	Oct 2018	709	28	12	471	7.7	85	162	447.50	571	65	1.1
	Nov 2018	608	19	9	399	6.7	41	172	447.50	571	99	1.7
	Dec 2018	486	19	7	304	4.9	41	168	446.50	552	109	1.8
	Jan 2019	516	17	6	321	5.2	81	121	446.50	552	138	2.2
	Feb 2019	666	10	8	489	8.8	53	121	446.50	552	160	2.9
	Mar 2019	990	7	9	715	11.6	71	189	446.70	555	198	3.2
	Apr 2019	1023	19	11	709	11.9	91	184	448.70	593	175	2.9
	May 2019	930	15	13	638	10.4	92	189	448.70	593	104	1.7
	Jun 2019	864	15	16	681	11.4	91	79	448.70	593	105	1.8
	Jul 2019	807	26	17	645	10.5	92	79	448.00	580	111	1.8
	Aug 2019	701	25	17	585	9.5	92	29	447.50	571	100	1.6
	Sep 2019	760	20	15	513	8.6	91	152	447.50	570	89	1.5
	WY 2019	**9060**	**220**	**139**	**6470**		**920**	**1645**			**1453**	
	Oct 2019	668	28	12	486	7.9	50	141	447.50	571	74	1.2
	Nov 2019	594	19	9	407	6.8	50	141	447.50	571	116	1.9
	Dec 2019	475	19	7	311	5.1	50	141	446.50	552	131	2.1
	Jan 2020	520	-19	6	296	4.8	89	106	446.50	552	134	2.2

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 2018 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Feb 2017	488	8.8	1089.78	10838	317	446.75	938.0	190.4	58	390.4
H	Mar 2017	911	14.8	1088.26	10707	-131	440.44	1291.1	362.0	79	397.2
I	Apr 2017	961	16.1	1084.89	10420	-287	439.75	1227.0	381.0	76	396.5
S	May 2017	917	14.9	1081.56	10141	-280	434.83	1307.0	360.6	80	393.4
T	Jun 2017	864	14.5	1079.52	9971	-169	433.52	1500.0	335.0	94	387.5
O	Jul 2017	885	14.4	1079.03	9931	-40	432.24	1499.0	341.1	94	385.5
R	Aug 2017	683	11.1	1081.44	10131	200	436.25	1478.1	261.0	93	382.0
I	Sep 2017	600	10.1	1082.05	10182	51	440.10	976.1	230.7	66	384.8
	WY 2017	**8620**							**3347.1**		
C	Oct 2017	596	9.7	1082.30	10202	21	441.43	976.1	229.0	66	384.2
A	Nov 2017	731	12.3	1080.95	10090	-113	435.01	996.0	287.9	63	393.6
L	Dec 2017	594	9.7	1082.52	10221	131	439.05	821.0	235.7	52	396.6
*	Jan 2018	449	7.3	1087.50	10642	421	442.14	834.0	176.5	51	392.9
	Feb 2018	674	12.1	1088.43	10722	80	438.13	1220.1	268.1	75	397.9
	Mar 2018	1014	16.5	1086.00	10514	-208	438.28	996.1	411.2	62	405.7
	Apr 2018	1051	17.7	1081.89	10168	-347	433.27	1191.0	419.0	75	398.7
	May 2018	974	15.8	1078.33	9873	-295	427.21	1484.0	378.6	95	388.6
	Jun 2018	892	15.0	1075.94	9678	-195	424.01	1557.0	341.0	100	382.3
	Jul 2018	855	13.9	1075.72	9659	-18	423.21	1557.0	330.6	100	386.7
	Aug 2018	744	12.1	1077.77	9827	168	424.27	1569.0	284.3	100	382.1
	Sep 2018	755	12.7	1077.10	9772	-55	425.44	1567.0	290.7	100	385.1
	WY 2018	**9329**							**3652.7**		
	Oct 2018	544	8.9	1078.20	9862	90	429.83	1269.9	207.5	81	381.0
	Nov 2018	681	11.4	1077.75	9825	-37	432.45	1266.1	264.9	81	389.2
	Dec 2018	602	9.8	1079.10	9936	111	431.72	1170.0	233.8	74	388.3
	Jan 2019	628	10.2	1081.96	10174	238	433.47	904.0	248.3	57	395.6
	Feb 2019	692	12.5	1082.95	10257	83	434.24	927.0	277.1	58	400.6
	Mar 2019	1054	17.1	1080.02	10013	-244	432.92	909.1	427.7	58	405.8
	Apr 2019	1058	17.8	1075.79	9665	-348	427.17	1157.0	416.6	74	393.7
	May 2019	965	15.7	1072.32	9385	-280	421.96	1344.0	371.1	87	384.7
	Jun 2019	880	14.8	1069.92	9193	-192	418.05	1509.6	331.2	100	376.3
	Jul 2019	835	13.6	1069.84	9186	-7	417.31	1509.1	317.4	100	380.4
	Aug 2019	736	12.0	1072.06	9364	177	418.53	1521.7	277.3	100	376.6
	Sep 2019	750	12.6	1071.45	9315	-49	419.81	1518.3	284.7	100	379.8
	WY 2019	**9424**							**3657.7**		
	Oct 2019	503	8.2	1073.07	9445	130	424.49	1231.6	194.0	81	385.4
	Nov 2019	667	11.2	1072.79	9423	-23	427.45	1229.7	256.1	81	384.0
	Dec 2019	591	9.6	1074.30	9544	122	426.88	1138.3	226.8	74	383.5
	Jan 2020	549	8.9	1078.11	9855	311	429.17	883.0	211.7	57	385.5

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 2018 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Feb 2017	486	8.7	642.70	1690	-21	141.54	162.1	63.8	64	131.4
H	Mar 2017	844	13.7	643.70	1718	28	141.08	194.1	109.6	76	129.9
I	Apr 2017	955	16.1	642.45	1684	-34	138.31	204.0	131.0	80	137.2
S	May 2017	846	13.8	643.74	1719	35	142.74	232.0	108.4	91	128.1
T	Jun 2017	853	14.3	643.01	1699	-20	141.59	255.0	107.4	100	126.0
O	Jul 2017	809	13.2	644.65	1744	45	143.65	255.0	101.5	100	125.5
R	Aug 2017	707	11.5	642.64	1689	-55	143.10	255.0	89.9	100	127.1
I	Sep 2017	656	11.0	639.47	1603	-86	138.07	253.3	83.2	99	126.8
	WY 2017	**8261**							**1061.4**		
C	Oct 2017	671	10.9	636.00	1512	-91	134.26	179.3	81.3	70	121.3
A	Nov 2017	595	10.0	640.07	1619	107	138.81	151.3	73.1	59	122.7
L	Dec 2017	552	9.0	640.68	1636	17	139.44	131.6	69.5	52	126.0
*	Jan 2018	437	7.1	640.86	1641	5	141.78	159.6	55.0	63	125.9
	Feb 2018	618	11.1	642.00	1671	31	137.18	162.1	77.3	64	125.2
	Mar 2018	971	15.8	642.50	1685	14	136.67	204.0	120.7	80	124.4
	Apr 2018	1000	16.8	643.00	1699	14	137.09	207.4	124.5	81	124.5
	May 2018	939	15.3	643.00	1699	0	137.43	204.0	117.6	80	125.2
	Jun 2018	876	14.7	642.00	1671	-27	135.51	255.0	109.4	100	124.9
	Jul 2018	827	13.5	641.50	1658	-14	134.73	255.0	103.1	100	124.6
	Aug 2018	709	11.5	641.50	1658	0	134.46	255.0	88.7	100	125.1
	Sep 2018	766	12.9	640.01	1617	-40	133.68	255.0	94.9	100	123.9
	WY 2018	**8960**							**1115.2**		
	Oct 2018	709	11.5	633.00	1434	-183	130.59	207.3	85.5	81	120.6
	Nov 2018	608	10.2	635.00	1486	51	129.19	170.0	72.2	67	118.8
	Dec 2018	486	7.9	638.71	1583	97	132.25	167.8	59.4	66	122.3
	Jan 2019	516	8.4	641.80	1666	83	134.43	210.6	64.6	83	125.1
	Feb 2019	666	12.0	641.80	1666	0	136.73	187.6	83.4	74	125.2
	Mar 2019	990	16.1	643.05	1700	34	137.26	190.8	123.2	75	124.4
	Apr 2019	1023	17.2	643.00	1699	-1	136.07	255.0	127.5	100	124.6
	May 2019	930	15.1	643.00	1699	0	136.04	255.0	116.5	100	125.2
	Jun 2019	864	14.5	642.00	1671	-27	135.51	255.0	108.0	100	125.0
	Jul 2019	807	13.1	641.50	1658	-14	134.73	255.0	100.6	100	124.8
	Aug 2019	701	11.4	641.50	1658	0	134.46	255.0	87.7	100	125.1
	Sep 2019	760	12.8	640.01	1617	-40	133.68	255.0	94.3	100	124.0
	WY 2019	**9060**							**1122.8**		
	Oct 2019	668	10.9	633.00	1434	-183	130.59	207.3	80.7	81	120.8
	Nov 2019	594	10.0	635.00	1486	51	129.19	170.0	70.6	67	118.9
	Dec 2019	475	7.7	638.71	1583	97	132.25	167.8	58.1	66	122.3
	Jan 2020	520	8.5	641.80	1666	83	133.85	230.3	65.1	90	125.1

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 2018 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Feb 2017	393	7.1	448.30	586	19	82.67	90.0	27.9	75	71.0
H	Mar 2017	687	11.2	447.83	577	-9	79.98	90.0	48.8	75	71.1
I	Apr 2017	729	12.3	448.73	594	17	80.51	120.0	51.3	100	70.3
S	May 2017	634	10.3	448.31	586	-8	82.36	120.0	44.8	100	70.6
T	Jun 2017	689	11.6	448.41	588	2	80.56	120.0	48.1	100	69.9
O	Jul 2017	666	10.8	448.63	592	4	82.74	120.0	46.5	100	69.9
R	Aug 2017	570	9.3	448.28	585	-7	82.37	120.0	39.9	100	70.0
I	Sep 2017	481	8.1	447.17	564	-21	81.08	120.0	33.8	100	70.2
	WY 2017	**6204**							**434.1**		
C	Oct 2017	478	7.8	446.27	548	-17	80.03	92.9	33.6	77	70.4
A	Nov 2017	349	5.9	447.86	577	30	81.65	90.0	24.1	75	69.2
L	Dec 2017	335	5.5	446.80	557	-20	81.55	92.9	22.5	77	67.0
*	Jan 2018	329	5.3	445.81	539	-18	80.05	117.1	22.8	98	69.2
	Feb 2018	465	8.4	447.20	565	25	75.21	92.1	30.4	77	65.4
	Mar 2018	718	11.7	447.50	570	6	75.42	104.5	47.5	87	66.2
	Apr 2018	720	12.1	448.70	593	23	75.47	120.0	47.6	100	66.1
	May 2018	658	10.7	448.70	593	0	76.05	120.0	43.7	100	66.3
	Jun 2018	707	11.9	448.70	593	0	76.05	120.0	47.0	100	66.6
	Jul 2018	678	11.0	448.00	580	-13	75.71	120.0	44.8	100	66.2
	Aug 2018	597	9.7	447.50	571	-9	75.13	120.0	39.1	100	65.4
	Sep 2018	529	8.9	447.50	570	0	74.89	120.0	34.4	100	65.1
	WY 2018	**6563**							**437.6**		
	Oct 2018	471	7.7	447.50	571	0	76.19	91.9	31.0	77	65.9
	Nov 2018	399	6.7	447.50	571	0	75.83	99.0	26.0	83	65.1
	Dec 2018	304	4.9	446.50	552	-19	74.40	120.0	19.1	100	62.9
	Jan 2019	321	5.2	446.50	552	0	75.02	95.8	20.4	80	63.7
	Feb 2019	489	8.8	446.50	552	0	75.21	92.1	32.0	77	65.6
	Mar 2019	715	11.6	446.70	555	4	74.34	112.3	46.7	94	65.3
	Apr 2019	709	11.9	448.70	593	38	75.08	120.0	46.7	100	65.8
	May 2019	638	10.4	448.70	593	0	76.05	120.0	42.3	100	66.3
	Jun 2019	681	11.4	448.70	593	0	76.05	120.0	45.3	100	66.5
	Jul 2019	645	10.5	448.00	580	-13	75.71	120.0	42.6	100	66.0
	Aug 2019	585	9.5	447.50	571	-9	75.13	120.0	38.3	100	65.4
	Sep 2019	513	8.6	447.50	570	0	74.89	120.0	33.4	100	65.0
	WY 2019	**6470**							**423.7**		
	Oct 2019	486	7.9	447.50	571	0	76.29	90.0	32.1	75	66.1
	Nov 2019	407	6.8	447.50	571	0	76.14	93.0	26.7	78	65.5
	Dec 2019	311	5.1	446.50	552	-19	74.40	120.0	19.6	100	63.0
	Jan 2020	296	4.8	446.50	552	0	75.02	95.8	18.7	80	63.3

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3052

Processed On: 2/12/2018 12:01:40PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 2018 24-Month Study

Most Probable Inflow*

Upper Basin Power

	Date	Glen Canyon 1000 MWHR	Flaming Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Reservoir 1000 MWHR	Fontenelle Reservoir 1000 MWHR
*	Feb 2017	307	43	13	19	10	0
H	Mar 2017	312	97	19	22	0	0
	Winter 2017	**1945**	**289**	**87**	**107**	**46**	**0**
I	Apr 2017	270	102	15	22	6	0
S	May 2017	291	105	43	72	17	4
T	Jun 2017	346	102	40	66	8	6
O	Jul 2017	399	71	35	13	18	8
R	Aug 2017	421	56	34	0	22	9
I	Sep 2017	306	56	35	33	22	6
	Summer 2017	**2033**	**492**	**202**	**207**	**93**	**33**
C	Oct 2017	294	42	30	37	21	7
A	Nov 2017	288	55	12	14	8	7
L	Dec 2017	339	68	27	33	19	6
*	Jan 2018	394	68	17	21	12	6
	Feb 2018	300	57	9	11	5	5
	Mar 2018	327	37	10	13	7	5
	Winter 2018	**1941**	**327**	**105**	**129**	**72**	**35**
	Apr 2018	286	35	15	21	11	5
	May 2018	286	58	14	22	15	5
	Jun 2018	309	57	16	24	13	9
	Jul 2018	350	36	27	33	16	10
	Aug 2018	362	36	27	33	16	7
	Sep 2018	267	35	20	25	12	6
	Summer 2018	**1861**	**257**	**119**	**157**	**84**	**42**
	Oct 2018	254	36	12	16	8	6
	Nov 2018	253	35	4	6	3	6
	Dec 2018	283	36	7	9	5	6
	Jan 2019	335	36	7	9	5	6
	Feb 2019	290	32	6	9	5	5
	Mar 2019	308	36	8	11	6	5
	Winter 2019	**1722**	**211**	**44**	**59**	**33**	**34**
	Apr 2019	273	35	11	17	10	5
	May 2019	276	36	51	70	23	7
	Jun 2019	300	55	42	56	22	8
	Jul 2019	345	59	31	38	21	10
	Aug 2019	365	40	34	40	21	9
	Sep 2019	270	38	33	40	20	7
	Summer 2019	**1558**	**224**	**170**	**221**	**97**	**39**
	Oct 2019	257	39	20	25	13	6
	Nov 2019	256	38	16	20	10	6
	Dec 2019	287	39	26	32	16	6
	Jan 2020	340	39	20	25	13	5

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3052

Processed On: 2/12/2018 12:01:40PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 2018 24-Month Study

Most Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions

Date	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Total KAF	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****EFFECTIVE SPACE****										
Feb 2018	669	275	441	10650	12035	16735	28770	284	142	60	486	10650	16735	27871	1500	674	0	31.7
Mar 2018	769	286	457	10935	12448	16655	29103	384	155	75	614	10935	16655	28204	1500	1014	0	31.1
Apr 2018	770	289	465	11281	12804	16863	29667	380	159	76	615	11281	16863	28759	1500	1051	0	30.6
May 2018	746	293	490	11459	12987	17209	30196	351	161	78	590	11459	17209	29258	1500	974	0	30.6
Jun 2018	694	214	470	11334	12712	17504	30216	291	70	20	381	11334	17504	29219	1500	892	0	30.9
Jul 2018	516	129	498	11026	12170	17699	29869	97	-32	-7	58	11026	17699	28784	1500	855	0	30.4
								****CREDITABLE SPACE****										
Aug 2018	437	156	565	11485	12643	17718	30360	437	156	565	1158	11485	17718	30360	1500	744	0	30.0
Sep 2018	463	203	619	11972	13257	17550	30806	463	203	619	1285	11972	17550	30806	2270	755	0	29.4
Oct 2018	514	237	653	12289	13693	17605	31298	514	237	653	1404	12289	17605	31298	3040	544	0	29.0
Nov 2018	560	247	661	12506	13975	17515	31490	560	247	661	1468	12506	17515	31490	3810	681	0	28.8
Dec 2018	607	231	662	12725	14225	17552	31777	607	231	662	1500	12725	17552	31777	4580	602	0	28.6
Jan 2019	672	228	667	13022	14589	17441	32030	672	228	667	1567	13022	17441	32030	5350	628	0	28.5
								****EFFECTIVE SPACE****										
Jan 2019	672	228	667	13022	14589	17441	32030	376	228	553	1158	13022	17441	31620	5350	628	0	28.5
Feb 2019	732	226	674	13435	15066	17203	32269	434	226	559	1220	13435	17203	31857	1500	692	0	28.2
Mar 2019	778	223	670	13740	15411	17120	32531	479	223	554	1256	13740	17120	32116	1500	1054	0	27.9
Apr 2019	779	211	615	13948	15553	17364	32917	475	211	493	1179	13948	17364	32492	1500	1058	0	27.8
May 2019	747	174	524	13827	15271	17712	32983	437	174	379	990	13827	17712	32528	1500	965	0	29.0
Jun 2019	613	132	373	12704	13821	17992	31813	290	132	190	611	12704	17992	31307	1500	880	0	30.5
Jul 2019	389	20	272	11430	12111	18184	30295	50	18	32	100	11430	18184	29713	1500	835	0	30.6
								****CREDITABLE SPACE****										
Aug 2019	355	4	301	11285	11946	18191	30136	355	4	301	660	11285	18191	30136	1500	736	0	30.4
Sep 2019	389	50	339	11598	12377	18013	30390	389	50	339	779	11598	18013	30390	2270	750	0	30.0
Oct 2019	450	120	358	11751	12678	18062	30740	450	120	358	928	11751	18062	30740	3040	503	0	29.8
Nov 2019	506	147	360	11829	12841	17932	30772	506	147	360	1012	11829	17932	30772	3810	667	0	29.6
Dec 2019	562	165	358	11953	13039	17954	30993	562	165	358	1085	11953	17954	30993	4580	591	0	29.4
Jan 2020	635	222	363	12186	13406	17833	31239	635	222	363	1220	12186	17833	31239	5350	549	0	29.3
								****EFFECTIVE SPACE****										
Jan 2020	635	222	363	12186	13406	17833	31239	288	222	363	873	12186	17833	30891	5350	549	0	29.3

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3052

Processed On: 2/12/2018 12:01:40PM

March 24-Month Study
Date: March 13, 2018

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

Reservoir	February Inflow (unregulated) (acre-feet)	Percent of Average (%)	March 12, Midnight Elevation (feet)	March 12, Midnight Reservoir Storage (acre-feet)
Fontenelle	38,000	138	6,469.79	117,000
Flaming Gorge	57,000	128	6,025.81	3,190,000
Blue Mesa	23,000	102	7,484.55	540,000
Navajo	15,000	48	6,051.35	1,241,000
Powell	269,000	69	3,614.63	13,202,000

Expected Operations

The operation of Lake Powell and Lake Mead in this March 2018 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines), and reflects the 2018 Annual Operating Plan (AOP). Pursuant to the Interim Guidelines, the August 2017 24-Month Study projections of the January 1, 2018, system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2018.

Consistent with Section 6.B of the Interim Guidelines, Lake Powell's operations in water year 2018 will be governed by the Upper Elevation Balancing Tier, with an initial water year release volume of 8.23 maf and the potential for an April adjustment to equalization or balancing releases in April 2018. This March 2018 24-Month Study indicates that, consistent with Section 6.B.4 of the Interim Guidelines, an April adjustment to balancing releases is projected to occur and Lake Powell is projected to release 9.0 maf in water year 2018.

Consistent with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar year 2018.

The Interim Guidelines are available for download at:
https://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The 2018 AOP is available for download at:
https://www.usbr.gov/lc/region/g4000/aop/AOP18.pdf

Fontenelle Reservoir – Fontenelle Reservoir is currently at elevation 6472 feet above sea level (feet), which amounts to 37 percent of live storage capacity. Inflows for the month of February totaled 38,300 acre-feet (af), or 138 percent of average. Above average inflows are forecasted over the next few months and releases have been increased in order to meet the spring elevation target. Releases have been set to base flow levels of 1,300 cubic feet per second (cfs) and are anticipated to change when downstream icing threats have passed.

The Colorado Basin River Forecast Center has forecasted spring inflows that are significantly above average. March, April, and May forecasted inflow volumes amount to 55,000 af (105 percent of average), 95,000 af (111 percent of average), and 175,000 af (107 percent of average), respectively.

The next Fontenelle Working Group meeting is scheduled for 10:00 a.m., April 17, 2018. The meeting will be held at Seedskadee Wildlife Refuge Headquarters, Wyoming. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir.

Flaming Gorge Reservoir – Releases are currently 1,700 cfs with fluctuations for hydropower, and will increase or decrease throughout the spring season to meet the May 1 elevation target of 6,027 feet.

Unregulated inflow into Flaming Gorge Reservoir during the month of February was 57,000 af, or 128 percent of average. The reservoir elevation currently is 6,025.9 feet (85 percent of live capacity) and increasing.

The March final forecast for inflows for the next three months projects near to below average conditions: March, April and May forecasted inflow volumes at 108,000 af (106 percent of average), 125,000 af (94 percent of average), and 220,000 af (90 percent of average), respectively.

The March water supply forecast of the April through July unregulated inflow volume into Flaming Gorge Reservoir is 940,000 acre-feet (96 percent of average). Current snowpack is 108 percent of median and we have received 89 percent of the season peak for the Upper Green Basin with additional storm systems anticipated.

The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stakeholders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations and plans presented by Reclamation at these meetings. Meeting notes from past Working Group meetings are posted on the

Working Group webpage. For more information on this group and these meetings please contact Dale Hamilton at 801-379-1186 or Heather Patno at 801-524-3883.

Reclamation will be holding the Flaming Gorge Working Group meeting on Thursday, April 19, 2018, at 11:00 a.m. at the Utah Division of Wildlife Resources offices located at 318 North Vernal Avenue, Vernal, Utah.

Aspinall Unit Reservoirs – Releases from Crystal Dam are approximately 650 cfs. Uncompahgre Valley Water Users Association will likely begin diverting water through the Gunnison Tunnel by mid-March 2018. When this occurs, releases from Crystal will likely be adjusted to maintain flows in the Black Canyon at or above 650 cfs until such time that a spring operation plan is initiated which will likely occur near mid-May. Blue Mesa Reservoir elevation is 7586.51 feet which corresponds to a storage content 539,000 af (65 percent of full capacity).

The February unregulated inflow to Blue Mesa Reservoir was 22,899 af (102 percent of average). Unregulated Inflows to Blue Mesa for the next three months (March, April and May) are projected to be: 27,000 af (75 percent of average), 46,000 af (60 percent of average) and 130,000 af (59 percent of average), respectively. For water year 2018, the unregulated inflow volume is forecasted to be 627,000 af (66 percent of average) with 395,000 af (58 percent of average) forecasted unregulated inflow during the April through July period. The March 24-Month Study is reflective of this new forecast.

The Aspinall Unit Working Group is an open public forum for information exchange between Reclamation and the stakeholders of the Aspinall Unit. The public is encouraged to attend and comments on the operations and plans presented by Reclamation at these meetings. Meeting notes from past working Group meetings are posted on the Working Group webpage. For more information on this group and these meetings please contact Erik Knight in the Grand Junction Area Office at (970) 248-0629.

Meeting notes from past working Group meetings are posted on the Working Group webpage at:

https://www.usbr.gov/uc/wcao/water/rsvrs/mtgs/amcurrnt.html

The next meeting of the Aspinall Unit Working Group will be held on Thursday, April 17th, 2018 at 1:00 pm at the at the Western Colorado Area Office located at 445 West Gunnison Avenue in Grand Junction, Colorado.

Navajo Reservoir – As of March 5th, 2018, the daily average release at Navajo is 325 cfs, and the observed inflow is 217 cfs. The reservoir elevation is 6052.5 feet (1,243,000 af), and is 73 percent full (56 percent of active storage). The San Juan River at Four Corners USGS gage is at 541 cfs. The Animas River at Farmington USGS gage is at 145 cfs. Releases are made for the authorized purposes of the Navajo Unit, and pursuant to the 2006 Record of Decision, in an attempt to maintain a target base flow through the

endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell). The San Juan River Basin Recovery Implementation Program (SJRIP) recommends a target base flow of between 500 cfs and 1,000 cfs through the critical habitat area. The target base flow is calculated as the weekly average of gaged flows throughout the critical habitat area.

Currently SNOTEL sites are showing an average of 9.9 inches of SWE above Navajo, which is 53 percent of the median and 49 percent of the seasonal median peak.

Modified unregulated inflow into Navajo in February was 15,200 af (50 percent of average). The Navajo Reservoir most probable modified-unregulated inflow forecast for March, April and May is 30,000 af (32 percent of average), 60,000 af (35 percent of average), and 125,000 af (45% of average), respectively.

The April-July runoff forecasts are as follows:

Min Prob: 150,000 af (20% avg, no change since the last forecast)
Most Prob: 285,000 af (39% avg, an increase of 25,000 af since the last forecast)
Max Prob: 470,000 af (64% avg, no change since the last forecast)

Under the current soil moisture conditions, snowpack, and inflow forecast for the runoff season, there are no current plans for a spring peak release at Navajo Reservoir.

Releases for the remainder of the winter will be made to maintain the minimum target baseflow in the critical habitat reach and will likely range from 300 and 500 cfs.

Reclamation conducts Public Operations Meetings three times per year to gather input for determining upcoming operations for Navajo Reservoir. Input from individuals, organizations, and agencies along with other factors such as weather, water rights, endangered species requirements, flood control, hydro power, recreation, fish and wildlife management, and reservoir levels, will be considered in the development of these reservoir operation plans. In addition, the meetings are used to coordinate activities and exchange information among agencies, water users, and other interested parties concerning the San Juan River and Navajo Reservoir.

The next Navajo Public Operations Coordination Meeting is scheduled for February 13, 2018, at 1:00 p.m. at the Farmington Civic Center, Farmington, NM.

Glen Canyon Dam / Lake Powell

Current Status
The unregulated inflow to Lake Powell in February was 269 thousand acre-feet (kaf) (69 percent of average). The release volume from Glen Canyon Dam in February was 730 kaf. The end of February elevation and storage of Lake Powell were 3,616 feet (84 feet from full pool) and 13.3 maf (55 percent of full capacity), respectively. The reservoir is

declining and will continue to decline until spring runoff begins to enter the reservoir. The current snowpack above Lake Powell is 71 percent of average.

Current Operations

The operating tier for water year 2018 was established in August 2017 as the Upper Elevation Balancing Tier, with an initial water year release volume of 8.23 maf and the potential for an April 2018 adjustment to equalization or balancing releases. Based on the current forecast, an April adjustment to balancing is projected to occur and Lake Powell is currently projected to release 9.0 maf in water year 2018. This projection will be updated each month throughout the water year. Reclamation will schedule operations at Glen Canyon Dam to achieve as practicably as possible the appropriate total annual release volume by September 30, 2018.

In March 2018, the release volume will be approximately 800 kaf, with fluctuations anticipated between approximately 7,200 cfs and 16,000 cfs and consistent with the Glen Canyon Dam, Record of Decision (dated December 2016). The anticipated release volume for April is approximately 705 kaf with daily fluctuations between approximately 8,650 cfs and 15,000 cfs. The expected release for May is 705 kaf with daily fluctuations between approximately 7,050 cfs and 13,390 cfs.

In addition to daily scheduled fluctuations for power generation, the instantaneous releases from Glen Canyon Dam may also fluctuate to provide 40 MW of system regulation. These instantaneous release adjustments stabilize the electrical generation and transmission system and translate to a range of up to about 1,200 cfs above or below the hourly scheduled release rate. Under system normal conditions, fluctuations for regulation are typically short lived and generally balance out over the hour with minimal or no noticeable impacts on downstream river flow conditions.

Releases from Glen Canyon Dam can also fluctuate beyond scheduled releases when called upon to respond to unscheduled power outages or power system emergencies. Depending on the severity of the system emergency, the response from Glen Canyon Dam can be significant, within the full range of the operating capacity of the power plant for as long as is necessary to maintain balance in the transmission system. Glen Canyon Dam currently maintains 27 MW (approximately 800 cfs) of generation capacity in reserve in order to respond to a system emergency even when generation rates are already high. System emergencies occur fairly infrequently and typically require small responses from Glen Canyon Dam. However, these responses can have a noticeable impact on the river downstream of Glen Canyon Dam.

Inflow Forecasts and Model Projections

The April to July 2018 water supply forecast for unregulated inflow to Lake Powell, issued on March 2, 2018, by the Colorado Basin River Forecast Center, projects that the most probable (median) unregulated inflow volume will be 3.4 maf (47 percent of average based on the period 1981-2010). The projected water year 2018 inflow is 6.0 maf (55 percent of average). At this early point in the season, there is still significant uncertainty regarding this year's water supply. The April-July forecast ranges from a minimum probable of 2.2 maf (31 percent of average) to a maximum probable of 5.7 maf (80 percent of average). There is a 10 percent chance that inflows could be higher than

the current maximum probable forecast and a 10 percent chance that inflows could be lower than the minimum probable forecast.

Based on the current forecast, the March 24-Month Study projects Lake Powell elevation will end water year 2018 near 3,601 feet with approximately 11.8 maf in storage (49 percent of capacity). Note that projections of elevation and storage for water year 2018 have significant uncertainty at this point in the season. Projections of elevation and storage using the minimum and maximum probable inflow forecast, updated in January, are 3,591 feet (10.9 maf, 45 percent of capacity) and 3,628 feet (14.7 maf, 60 percent of capacity), respectively. Under these scenarios, there is a 10 percent chance that inflows will be higher, resulting in higher elevation and storage, and 10 percent chance that inflows will be lower, potentially in lower elevation and storage. The annual release volume from Lake Powell during water year 2018 is projected to be 9.0 maf under the minimum, most, and maximum probable inflow scenarios. There is a chance that inflows could be higher or lower, potentially resulting in releases greater than 9.0 maf or as low as 8.23 maf in water year 2018. The minimum and maximum probable scenarios will be updated again in April.

Upper Colorado River Basin Hydrology

The Upper Colorado River Basin regularly experiences significant year to year hydrologic variability. During the 18-year period 2000 to 2017, however, the unregulated inflow to Lake Powell, which is a good measure of hydrologic conditions in the Colorado River Basin, was above average in only 4 out of the past 18 years. The period 2000-2017 is the lowest 18-year period since the closure of Glen Canyon Dam in 1963, with an average unregulated inflow of 8.76 maf, or 81percent of the 30-year average (1981-2010). (For comparison, the 1981-2010 total water year average is 10.83 maf.) The unregulated inflow during the 2000-2017 period has ranged from a low of 2.64 maf (24 percent of average) in water year 2002 to a high of 15.97 maf (147 percent of average) in water year 2011. In water year 2017 unregulated inflow volume to Lake Powell was 11.9 maf (110 percent of average), the fourth year to be above average. Under the current most probable forecast, the total water year 2018 unregulated inflow to Lake Powell is projected to be 6.0 maf (55 percent of average).

At the beginning of water year 2018, total system storage in the Colorado River Basin was 32.9 maf (55 percent of 59.6 maf total system capacity). This is an increase of 2.7 maf over the total storage at the beginning of water year 2017 when total system storage was 30.2 maf (51 percent of capacity). Since the beginning of water year 2000, total Colorado Basin storage has experienced year to year increases and decreases in response to wet and dry hydrology, ranging from a high of 94 percent of capacity at the beginning of 2000 to a low of 50 percent of capacity at the beginning of water year 2005. One wet year can significantly increase total system reservoir storage, just as persistent dry years can draw down the system storage. Based on current inflow forecasts, the current projected end of water year total Colorado Basin reservoir storage for water year 2018 is approximately 29.3 maf (49 percent of total system capacity). The actual end of water year 2018 system storage may vary from this projection, primarily due to uncertainty regarding this season's runoff and reservoir inflow. Based on the January minimum and maximum probable inflow forecasts and modeling, the range of end of water year 2018

total system capacity is approximately 28.0 maf (47 percent of capacity) to 32.7 maf (55 percent of capacity), respectively.

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-430
125 SOUTH STATE STREET, ROOM 8100
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-3709

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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:	Obs			jan	Forecast		Outlook		
:	oct	nov	dec	jan	%Avg	feb	mar	apr	apr-jul	%Avg
GLDA3:Lake Powell	387	299	262	260	66%:	400/	550/	1150/	3400/:	47%
GBRW4:Fontenelle	62	46	42	38	137%:	55/	95/	175/	840/:	116%
GRNU1:Flaming Gorge	82	52	52	57	128%:	108/	125/	220/	940/:	96%
BMDC2:Blue Mesa	32	25	20	23	103%:	27/	46/	130/	395/:	59%
MPSC2:Morrow Point	34	26	22	24	96%:	30/	55/	141/	430/:	58%
CLSC2:Crystal	38	29	25	27	94%:	35/	62/	160/	475/:	57%
TPIC2:Taylor Park	5.9	4.1	4.2	3.8	100%:	4/	7/	21/	70/:	71%
VCRC2:Vallecito	5.1	3.2	2.7	2.2	46%:	4/	8/	33/	80/:	41%
NVRN5:Navajo	18.8	10.3	12.2	13.4	44%:	30/	60/	130/	285/:	39%
LEMC2:Lemon	0.73	0.50	0.40	0.38	50%:	1/	2/	8/	18/:	33%
MPHC2:McPhee	2.2	0.71	1.68	2.0	40%:	6/	22/	54/	113/:	38%
RBSC2:Ridgway	5.0	3.7	3.4	3.1	86%:	5/	7/	16/	59/:	58%

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 2018 24-Month Study

Most Probable Inflow*

Fontenelle Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Mar 2017	180	1	0	150	150	6486.90	207
H	Apr 2017	225	1	0	304	304	6472.17	128
I	May 2017	430	1	54	373	427	6472.55	129
S	Jun 2017	732	2	74	469	543	6502.49	317
T	Jul 2017	332	3	88	230	319	6503.83	328
O	Aug 2017	102	2	95	61	156	6496.34	271
R	Sep 2017	66	2	69	4	72	6495.21	263
	WY 2017	**2319**	**15**	**379**	**1890**	**2270**		
I	Oct 2017	73	1	80	0	80	6494.03	255
C	Nov 2017	62	1	78	0	78	6491.65	238
A	Dec 2017	46	1	72	8	80	6486.39	204
L	Jan 2018	42	1	79	1	80	6479.83	165
*	Feb 2018	38	0	72	0	72	6472.86	131
	Mar 2018	55	0	74	0	74	6468.25	112
	Apr 2018	95	1	88	0	88	6469.82	118
	May 2018	175	1	97	57	154	6474.40	139
	Jun 2018	370	2	101	114	215	6499.04	292
	Jul 2018	200	3	101	47	148	6505.42	341
	Aug 2018	80	2	80	0	80	6505.13	339
	Sep 2018	47	2	71	0	71	6501.85	313
	WY 2018	**1284**	**15**	**992**	**228**	**1220**		
	Oct 2018	49	1	73	0	73	6498.54	288
	Nov 2018	42	1	71	0	71	6494.52	259
	Dec 2018	32	1	73	0	73	6488.29	217
	Jan 2019	30	1	73	0	73	6481.22	174
	Feb 2019	28	1	66	0	66	6473.52	135
	Mar 2019	53	0	73	0	73	6468.69	114
	Apr 2019	85	1	74	0	74	6471.28	125
	May 2019	164	1	99	11	110	6481.89	177
	Jun 2019	299	2	103	72	175	6500.07	299
	Jul 2019	178	3	101	30	130	6505.78	344
	Aug 2019	77	2	85	0	85	6504.43	333
	Sep 2019	46	2	77	0	77	6500.22	301
	WY 2019	**1083**	**15**	**967**	**113**	**1080**		
	Oct 2019	49	1	73	0	73	6496.72	275
	Nov 2019	42	1	68	0	68	6492.99	248
	Dec 2019	32	1	70	0	70	6487.14	209
	Jan 2020	30	1	70	0	70	6480.40	169
	Feb 2020	28	0	66	0	66	6472.64	131

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 2018 24-Month Study

Most Probable Inflow*

Flaming Gorge Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	Mar 2017	400	370	3	256	26	282	128	6025.25	3169	408
H	Apr 2017	350	428	5	268	244	511	124	6022.93	3084	745
I	May 2017	582	580	8	278	171	449	129	6026.15	3203	857
S	Jun 2017	895	705	11	263	223	486	137	6031.41	3404	859
T	Jul 2017	387	374	14	180	48	228	142	6034.61	3531	315
O	Aug 2017	120	174	13	143	0	143	143	6035.05	3548	173
R	Sep 2017	87	93	11	141	0	141	140	6033.63	3491	161
	WY 2017	**3153**	**3104**	**81**	**2016**	**712**	**2728**				**4225**
I	Oct 2017	88	95	8	107	0	107	140	6033.17	3473	155
C	Nov 2017	82	98	4	139	0	139	138	6032.07	3430	171
A	Dec 2017	52	86	2	174	0	174	135	6029.85	3343	201
L	Jan 2018	52	90	2	175	0	175	131	6027.65	3259	204
*	Feb 2018	57	91	2	155	1	157	129	6025.91	3194	197
	Mar 2018	108	127	3	106	0	106	129	6026.39	3212	166
	Apr 2018	125	118	5	101	0	101	130	6026.69	3223	251
	May 2018	220	199	8	164	0	164	131	6027.37	3249	484
	Jun 2018	390	235	10	157	0	157	133	6029.07	3313	437
	Jul 2018	205	153	14	101	0	101	135	6030.02	3350	141
	Aug 2018	90	90	13	101	0	101	134	6029.41	3326	117
	Sep 2018	56	80	11	98	0	98	133	6028.67	3298	108
	WY 2018	**1525**	**1461**	**81**	**1580**	**1**	**1582**				**2634**
	Oct 2018	60	83	7	101	0	101	132	6028.03	3274	124
	Nov 2018	51	80	3	98	0	98	131	6027.47	3253	125
	Dec 2018	35	76	2	101	0	101	130	6026.78	3226	127
	Jan 2019	40	83	2	101	0	101	129	6026.27	3207	127
	Feb 2019	45	83	2	92	0	92	129	6025.99	3197	120
	Mar 2019	102	123	3	101	0	101	129	6026.46	3215	178
	Apr 2019	134	122	5	98	0	98	130	6026.95	3233	313
	May 2019	245	191	8	167	0	167	131	6027.38	3249	698
	Jun 2019	390	265	10	141	0	141	135	6030.25	3359	561
	Jul 2019	210	163	14	100	0	100	137	6031.47	3406	200
	Aug 2019	89	97	13	100	0	100	136	6031.08	3391	125
	Sep 2019	55	86	11	97	0	97	136	6030.53	3370	116
	WY 2019	**1455**	**1453**	**80**	**1298**	**0**	**1298**				**2813**
	Oct 2019	59	84	7	100	0	100	135	6029.95	3347	132
	Nov 2019	51	77	4	97	0	97	134	6029.36	3325	128
	Dec 2019	35	73	2	100	0	100	133	6028.64	3297	125
	Jan 2020	40	80	2	100	0	100	132	6028.10	3276	125
	Feb 2020	45	82	2	93	0	93	131	6027.76	3264	121

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 2018 24-Month Study

Most Probable Inflow*

Taylor Park Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Mar 2017	6	6	9309.23	69
H	Apr 2017	13	9	9312.04	73
I	May 2017	30	19	9318.55	84
S	Jun 2017	62	45	9327.76	102
T	Jul 2017	24	26	9326.95	100
O	Aug 2017	12	25	9320.31	88
R	Sep 2017	8	18	9314.58	77
	WY 2017	**179**	**173**		
I	Oct 2017	8	8	9314.93	78
C	Nov 2017	6	6	9315.09	78
A	Dec 2017	4	6	9313.84	76
L	Jan 2018	4	6	9312.64	74
*	Feb 2018	4	6	9311.50	72
	Mar 2018	4	6	9310.16	70
	Apr 2018	7	6	9310.81	71
	May 2018	21	10	9317.17	82
	Jun 2018	31	17	9324.54	95
	Jul 2018	11	18	9320.57	88
	Aug 2018	7	15	9315.87	80
	Sep 2018	6	14	9310.78	71
	WY 2018	**113**	**120**		
	Oct 2018	6	6	9310.67	71
	Nov 2018	5	6	9309.91	70
	Dec 2018	5	6	9309.08	68
	Jan 2019	4	6	9308.01	67
	Feb 2019	4	6	9306.57	65
	Mar 2019	4	6	9305.53	63
	Apr 2019	9	6	9307.36	66
	May 2019	28	18	9313.78	76
	Jun 2019	42	30	9320.46	88
	Jul 2019	20	20	9320.54	88
	Aug 2019	10	10	9320.70	88
	Sep 2019	7	8	9320.36	88
	WY 2019	**144**	**128**		
	Oct 2019	7	8	9319.62	86
	Nov 2019	5	8	9318.01	83
	Dec 2019	5	8	9316.11	80
	Jan 2020	4	8	9313.97	76
	Feb 2020	4	8	9311.43	72

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Managing Water in the West

March 2018 24-Month Study

Most Probable Inflow*

Blue Mesa Reservoir

	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Mar 2017	70	70	0	69	0	70	7488.71	571
H	Apr 2017	145	140	1	53	0	53	7499.55	658
I	May 2017	244	233	1	151	65	293	7491.98	597
S	Jun 2017	392	373	1	139	35	175	7515.35	793
T	Jul 2017	135	137	2	113	0	110	7518.20	819
O	Aug 2017	84	96	1	111	0	111	7516.38	802
R	Sep 2017	35	45	1	115	0	114	7508.43	732
	WY 2017	**1245**	**1238**	**9**	**987**	**101**	**1163**		
I	Oct 2017	37	37	1	102	0	102	7500.64	667
C	Nov 2017	32	32	0	40	0	40	7499.68	659
A	Dec 2017	25	27	0	93	0	93	7491.44	593
L	Jan 2018	20	22	0	60	0	60	7486.51	554
*	Feb 2018	23	25	0	32	0	32	7485.54	547
	Mar 2018	27	29	0	38	0	38	7484.36	538
	Apr 2018	46	45	1	67	0	67	7481.28	515
	May 2018	130	119	1	71	0	71	7487.53	562
	Jun 2018	162	148	1	52	0	52	7499.48	657
	Jul 2018	57	64	1	77	0	77	7497.77	643
	Aug 2018	37	45	1	77	0	77	7493.69	610
	Sep 2018	31	39	1	65	0	65	7490.28	584
	WY 2018	**627**	**634**	**8**	**774**	**0**	**774**		
	Oct 2018	34	34	1	40	0	40	7489.42	577
	Nov 2018	29	30	0	13	0	13	7491.64	594
	Dec 2018	26	27	0	24	0	24	7492.00	597
	Jan 2019	24	26	0	24	0	24	7492.25	599
	Feb 2019	22	25	0	21	0	21	7492.64	602
	Mar 2019	36	38	0	25	0	25	7494.13	614
	Apr 2019	77	74	1	36	0	36	7498.79	651
	May 2019	221	211	1	167	0	167	7503.89	694
	Jun 2019	261	249	1	136	0	136	7516.69	805
	Jul 2019	117	117	2	99	0	99	7518.45	821
	Aug 2019	63	63	1	108	0	108	7513.29	775
	Sep 2019	38	39	1	107	0	107	7505.25	705
	WY 2019	**949**	**932**	**9**	**802**	**0**	**802**		
	Oct 2019	38	40	1	66	0	66	7502.07	678
	Nov 2019	31	34	0	53	0	53	7499.80	660
	Dec 2019	26	29	0	85	0	85	7492.77	603
	Jan 2020	24	28	0	68	0	68	7487.64	563
	Feb 2020	22	27	0	40	0	40	7485.86	550

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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Most Probable Inflow*

Morrow Point Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Mar 2017	74	70	5	74	64	0	68	7148.96	108
H	Apr 2017	157	53	12	66	65	0	65	7149.64	109
I	May 2017	263	293	19	312	203	0	312	7149.70	109
S	Jun 2017	411	175	19	195	184	0	193	7151.34	110
T	Jul 2017	139	110	4	114	37	0	111	7155.13	113
O	Aug 2017	86	111	2	113	0	0	115	7152.68	111
R	Sep 2017	35	114	0	115	92	0	112	7155.62	114
	WY 2017	**1314**	**1163**	**69**	**1232**	**893**	**0**	**1226**		
I	Oct 2017	38	102	1	103	105	0	105	7153.17	112
C	Nov 2017	34	40	1	41	42	0	42	7152.45	111
A	Dec 2017	26	93	1	94	94	0	94	7152.45	111
L	Jan 2018	22	60	2	62	62	0	63	7150.65	110
*	Feb 2018	24	32	1	33	34	0	34	7149.19	108
	Mar 2018	30	38	3	41	37	0	37	7153.73	112
	Apr 2018	55	67	9	76	76	0	76	7153.73	112
	May 2018	141	71	11	82	82	0	82	7153.73	112
	Jun 2018	174	52	12	64	64	0	64	7153.73	112
	Jul 2018	60	77	3	80	80	0	80	7153.73	112
	Aug 2018	39	77	2	79	79	0	79	7153.73	112
	Sep 2018	33	65	2	67	67	0	67	7153.73	112
	WY 2018	**676**	**774**	**49**	**823**	**823**	**0**	**824**		
	Oct 2018	36	40	2	42	42	0	42	7153.73	112
	Nov 2018	31	13	2	15	15	0	15	7153.73	112
	Dec 2018	28	24	2	26	26	0	26	7153.73	112
	Jan 2019	27	24	2	26	26	0	26	7153.73	112
	Feb 2019	25	21	3	24	24	0	24	7153.73	112
	Mar 2019	40	25	4	29	29	0	29	7153.73	112
	Apr 2019	88	36	11	47	47	0	47	7153.73	112
	May 2019	247	167	26	193	193	0	193	7153.73	112
	Jun 2019	281	136	20	156	156	0	156	7153.73	112
	Jul 2019	123	99	6	105	105	0	105	7153.73	112
	Aug 2019	67	108	3	112	112	0	112	7153.73	112
	Sep 2019	41	107	3	110	110	0	110	7153.73	112
	WY 2019	**1033**	**802**	**84**	**886**	**886**	**0**	**886**		
	Oct 2019	41	66	3	68	68	0	68	7153.73	112
	Nov 2019	33	53	2	55	55	0	55	7153.73	112
	Dec 2019	28	85	2	88	88	0	88	7153.73	112
	Jan 2020	27	68	2	70	70	0	70	7153.73	112
	Feb 2020	25	40	3	42	42	0	42	7153.73	112

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Managing Water in the West

March 2018 24-Month Study

Most Probable Inflow*

Crystal Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
*	Mar 2017	81	68	6	74	0	73	73	6752.06	17	8	67
H	Apr 2017	167	65	10	75	31	44	75	6751.65	17	39	38
I	May 2017	285	312	22	334	86	73	331	6759.83	19	62	270
S	Jun 2017	446	193	36	229	44	127	231	6751.78	17	61	172
T	Jul 2017	148	111	8	119	96	25	121	6746.24	15	63	60
O	Aug 2017	89	115	3	119	119	0	119	6744.79	15	62	58
R	Sep 2017	39	112	4	116	115	0	115	6748.63	16	59	56
	WY 2017	**1423**	**1226**	**109**	**1335**	**751**	**350**	**1334**			**413**	**929**
I	Oct 2017	43	105	5	110	109	0	109	6751.20	16	55	53
C	Nov 2017	38	42	4	46	46	0	46	6749.89	16	1	46
A	Dec 2017	29	94	3	97	97	0	97	6749.23	16	1	98
L	Jan 2018	25	63	3	66	62	4	66	6747.99	16	1	67
*	Feb 2018	27	34	3	37	16	20	36	6750.06	16	0	37
	Mar 2018	35	37	5	42	41	0	41	6753.04	17	5	36
	Apr 2018	62	76	7	83	83	0	83	6753.04	17	42	41
	May 2018	160	82	19	101	101	0	101	6753.04	17	62	39
	Jun 2018	190	64	16	80	80	0	80	6753.04	17	61	19
	Jul 2018	63	80	3	83	83	0	83	6753.04	17	63	20
	Aug 2018	43	79	4	83	83	0	83	6753.04	17	65	18
	Sep 2018	37	67	4	71	71	0	71	6753.04	17	55	16
	WY 2018	**752**	**824**	**76**	**900**	**874**	**25**	**899**			**411**	**492**
	Oct 2018	40	42	5	47	47	0	47	6753.04	17	30	17
	Nov 2018	35	15	4	19	19	0	19	6753.04	17	0	19
	Dec 2018	32	26	5	31	31	0	31	6753.04	17	0	31
	Jan 2019	31	26	5	31	31	0	31	6753.04	17	0	31
	Feb 2019	29	24	4	28	28	0	28	6753.04	17	0	28
	Mar 2019	46	29	6	36	36	0	36	6753.04	17	5	31
	Apr 2019	101	47	12	60	60	0	60	6753.04	17	42	18
	May 2019	281	193	34	228	134	93	228	6753.04	17	62	166
	Jun 2019	315	156	34	190	130	60	190	6753.04	17	61	129
	Jul 2019	138	105	14	120	120	0	120	6753.04	17	65	55
	Aug 2019	75	112	8	120	120	0	120	6753.04	17	65	55
	Sep 2019	47	110	6	116	116	0	116	6753.04	17	55	61
	WY 2019	**1171**	**886**	**138**	**1024**	**870**	**154**	**1024**			**385**	**639**
	Oct 2019	47	68	6	74	74	0	74	6753.04	17	30	44
	Nov 2019	38	55	5	60	60	0	60	6753.04	17	0	60
	Dec 2019	32	88	5	92	92	0	92	6753.04	17	0	92
	Jan 2020	31	70	5	75	75	0	75	6753.04	17	0	75
	Feb 2020	29	42	4	46	46	0	46	6753.04	17	0	46

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Managing Water in the West

March 2018 24-Month Study

Most Probable Inflow*

Vallecito Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Mar 2017	24	24	7645.75	77
H	Apr 2017	45	35	7649.82	87
I	May 2017	67	44	7658.86	109
S	Jun 2017	72	57	7664.54	124
T	Jul 2017	30	39	7660.94	115
O	Aug 2017	19	33	7655.15	100
R	Sep 2017	9	34	7644.31	74
	WY 2017	**303**	**297**		
I	Oct 2017	9	22	7638.22	61
C	Nov 2017	5	2	7639.49	63
A	Dec 2017	3	1	7640.27	65
L	Jan 2018	3	0	7641.42	67
*	Feb 2018	3	0	7642.57	70
	Mar 2018	4	0	7644.12	73
	Apr 2018	8	0	7647.33	81
	May 2018	33	25	7650.37	88
	Jun 2018	28	35	7647.09	80
	Jul 2018	11	34	7636.12	56
	Aug 2018	10	31	7623.76	34
	Sep 2018	9	25	7611.02	18
	WY 2018	**125**	**178**		
	Oct 2018	11	15	7606.82	14
	Nov 2018	7	2	7612.42	20
	Dec 2018	6	2	7616.31	24
	Jan 2019	5	2	7619.11	28
	Feb 2019	5	2	7621.33	31
	Mar 2019	9	2	7625.75	38
	Apr 2019	23	2	7637.41	59
	May 2019	71	31	7654.84	99
	Jun 2019	70	44	7664.75	125
	Jul 2019	29	42	7659.67	111
	Aug 2019	20	38	7652.38	93
	Sep 2019	17	30	7647.17	80
	WY 2019	**274**	**210**		
	Oct 2019	16	17	7646.40	78
	Nov 2019	9	2	7649.33	85
	Dec 2019	6	2	7651.17	90
	Jan 2020	5	2	7652.59	93
	Feb 2020	5	2	7653.76	96

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Managing Water in the West

March 2018 24-Month Study

Most Probable Inflow*

Navajo Reservoir

	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azetea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Farmington Flow (1000 Ac-Ft)
*	Mar 2017	176	17	159	2	6	30	6068.54	1460	98
H	Apr 2017	235	33	193	3	19	33	6078.18	1598	132
I	May 2017	261	45	195	4	25	228	6073.94	1536	323
S	Jun 2017	231	46	166	5	40	259	6063.90	1398	458
T	Jul 2017	49	11	48	4	43	38	6061.00	1361	95
O	Aug 2017	30	5	38	4	35	36	6058.07	1323	57
R	Sep 2017	9	2	33	3	23	42	6055.28	1289	46
	WY 2017	**1157**	**160**	**991**	**28**	**198**	**785**			**1422**
I	Oct 2017	38	2	49	2	8	32	6055.89	1296	52
C	Nov 2017	19	0	16	1	0	25	6055.04	1286	42
A	Dec 2017	10	0	9	1	0	24	6053.69	1270	40
L	Jan 2018	12	0	10	1	0	24	6052.47	1255	40
*	Feb 2018	15	0	12	1	1	19	6051.73	1246	32
	Mar 2018	30	0	26	2	6	24	6051.34	1241	34
	Apr 2018	60	10	43	2	20	25	6050.88	1236	44
	May 2018	130	23	100	3	35	22	6054.19	1276	85
	Jun 2018	72	15	64	4	51	25	6052.86	1260	85
	Jul 2018	23	2	45	4	56	41	6048.14	1204	64
	Aug 2018	29	0	50	3	47	44	6044.32	1160	63
	Sep 2018	30	0	46	2	26	35	6042.76	1143	53
	WY 2018	**468**	**52**	**468**	**25**	**250**	**339**			**632**
	Oct 2018	37	0	41	2	9	26	6043.14	1147	46
	Nov 2018	30	0	25	1	0	21	6043.40	1150	36
	Dec 2018	25	0	21	1	0	22	6043.27	1149	37
	Jan 2019	22	0	18	1	0	22	6042.93	1145	35
	Feb 2019	30	0	27	1	0	19	6043.55	1152	32
	Mar 2019	92	0	86	1	5	22	6048.59	1209	44
	Apr 2019	170	10	139	2	21	21	6056.53	1304	73
	May 2019	277	23	214	4	36	26	6067.98	1453	172
	Jun 2019	224	15	182	5	52	30	6074.79	1548	181
	Jul 2019	66	2	77	5	57	42	6072.97	1522	109
	Aug 2019	45	0	63	4	48	63	6069.26	1470	102
	Sep 2019	43	0	55	3	26	55	6067.15	1442	87
	WY 2019	**1062**	**50**	**948**	**28**	**254**	**368**			**955**
	Oct 2019	47	0	48	2	10	31	6067.61	1448	59
	Nov 2019	34	0	27	1	0	30	6067.29	1443	48
	Dec 2019	25	0	21	1	0	31	6066.49	1433	46
	Jan 2020	22	0	18	1	0	31	6065.51	1420	44
	Feb 2020	30	0	27	1	0	29	6065.32	1417	41

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 2018 24-Month Study

Most Probable Inflow*

Lake Powell

	Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry Gage (1000 Ac-Ft)
*	Mar 2017	1112	895	14	722	0	722	3595.91	4963	11364	730
H	Apr 2017	1608	1494	23	623	0	623	3604.14	5026	12149	629
I	May 2017	2377	2321	29	652	0	652	3619.09	5147	13667	658
S	Jun 2017	3115	2680	51	749	0	749	3634.89	5286	15408	763
T	Jul 2017	1073	889	64	850	0	850	3634.69	5284	15385	875
O	Aug 2017	446	495	63	900	0	900	3630.88	5250	14952	929
R	Sep 2017	196	410	57	663	0	663	3628.31	5227	14664	671
	WY 2017	**11905**	**11396**	**409**	**8874**	**126**	**9000**				**9152**
I	Oct 2017	449	533	39	640	0	640	3627.09	5216	14530	634
C	Nov 2017	387	454	37	630	0	630	3625.29	5200	14332	619
A	Dec 2017	299	483	29	740	0	740	3622.85	5179	14068	733
L	Jan 2018	262	442	9	860	0	860	3619.14	5147	13672	859
*	Feb 2018	269	387	10	730	0	730	3616.02	5121	13346	735
	Mar 2018	400	404	16	800	0	800	3612.31	5091	12964	805
	Apr 2018	550	543	25	705	0	705	3610.60	5077	12791	713
	May 2018	1150	985	29	705	0	705	3612.88	5096	13023	711
	Jun 2018	1400	1077	46	760	0	760	3615.33	5116	13274	768
	Jul 2018	300	291	55	860	0	860	3609.67	5069	12697	879
	Aug 2018	290	403	53	900	0	900	3604.53	5029	12188	918
	Sep 2018	250	357	47	670	0	670	3601.09	5002	11855	681
	WY 2018	**6006**	**6360**	**395**	**9000**	**0**	**9000**				**9055**
	Oct 2018	380	426	32	640	0	640	3598.70	4984	11627	646
	Nov 2018	412	433	31	640	0	640	3596.37	4966	11407	640
	Dec 2018	363	424	24	720	0	720	3593.17	4943	11110	725
	Jan 2019	361	421	7	860	0	860	3588.63	4909	10697	871
	Feb 2019	393	428	8	750	0	750	3585.21	4885	10392	754
	Mar 2019	665	588	13	800	0	800	3582.84	4868	10185	805
	Apr 2019	1056	860	20	710	0	710	3584.21	4878	10305	718
	May 2019	2343	2018	25	710	0	710	3597.28	4973	11493	716
	Jun 2019	2666	2166	43	750	0	750	3610.34	5075	12764	758
	Jul 2019	1091	997	54	850	0	850	3611.19	5082	12850	869
	Aug 2019	500	622	54	900	0	900	3608.13	5057	12543	918
	Sep 2019	408	557	49	670	0	670	3606.62	5045	12393	681
	WY 2019	**10637**	**9941**	**360**	**9000**	**0**	**9000**				**9100**
	Oct 2019	512	574	34	640	0	640	3605.69	5038	12301	646
	Nov 2019	473	536	32	640	0	640	3604.40	5028	12175	640
	Dec 2019	363	493	26	720	0	720	3601.99	5009	11941	725
	Jan 2020	361	473	8	860	0	860	3598.16	4980	11576	871
	Feb 2020	393	458	8	750	0	750	3595.20	4958	11298	754

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 2018 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Glen Release (1000 Ac-Ft)	Side Inflow Glen to Hoover (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Mar 2017	722	97	32	911	14.8	16	910	696	1088.26	10707
H	Apr 2017	623	92	39	961	16.1	20	960	677	1084.89	10420
I	May 2017	652	39	44	917	14.9	29	915	659	1081.56	10141
S	Jun 2017	749	17	53	864	14.5	29	864	648	1079.52	9971
T	Jul 2017	850	89	66	885	14.4	31	885	646	1079.03	9931
O	Aug 2017	900	94	70	683	11.1	28	683	658	1081.44	10131
R	Sep 2017	663	70	58	600	10.1	21	591	662	1082.05	10182
	WY 2017	**9000**	**995**	**541**	**8620**		**236**	**8591**			
I	Oct 2017	640	44	43	596	9.7	23	595	663	1082.30	10202
C	Nov 2017	630	40	42	731	12.3	16	731	656	1080.95	10090
A	Dec 2017	740	43	37	594	9.7	12	593	664	1082.52	10221
L	Jan 2018	860	76	30	449	7.3	8	448	692	1087.50	10642
*	Feb 2018	730	62	28	687	12.4	12	686	696	1088.21	10703
	Mar 2018	800	56	32	898	14.6	21	898	690	1087.19	10615
	Apr 2018	705	48	39	1048	17.6	22	1048	668	1083.24	10281
	May 2018	705	31	44	1021	16.6	26	1021	647	1079.23	9947
	Jun 2018	760	12	53	913	15.3	32	913	633	1076.64	9735
	Jul 2018	860	81	65	882	14.3	35	882	630	1076.16	9696
	Aug 2018	900	112	70	770	12.5	33	770	639	1077.76	9826
	Sep 2018	670	105	57	774	13.0	26	774	634	1076.81	9749
	WY 2018	**9000**	**710**	**540**	**9364**		**268**	**9360**			
	Oct 2018	640	69	42	582	9.5	27	582	637	1077.48	9803
	Nov 2018	640	61	42	728	12.2	20	728	632	1076.45	9719
	Dec 2018	720	50	36	652	10.6	13	652	636	1077.24	9784
	Jan 2019	860	78	30	619	10.1	12	619	653	1080.40	10044
	Feb 2019	750	93	27	685	12.3	14	685	660	1081.71	10154
	Mar 2019	800	56	31	1055	17.2	21	1055	645	1078.88	9918
	Apr 2019	710	48	38	1059	17.8	23	1059	623	1074.72	9578
	May 2019	710	31	43	967	15.7	27	967	605	1071.27	9301
	Jun 2019	750	12	51	880	14.8	33	880	592	1068.88	9111
	Jul 2019	850	81	63	839	13.7	36	839	592	1068.79	9104
	Aug 2019	900	112	67	740	12.0	34	740	602	1070.80	9263
	Sep 2019	670	105	56	747	12.6	27	747	599	1070.16	9212
	WY 2019	**9000**	**796**	**525**	**9554**		**289**	**9554**			
	Oct 2019	640	69	41	510	8.3	28	510	607	1071.69	9334
	Nov 2019	640	61	41	670	11.3	21	670	605	1071.32	9305
	Dec 2019	720	50	35	594	9.7	14	594	613	1072.81	9424
	Jan 2020	860	78	29	607	9.9	14	607	630	1076.15	9694
	Feb 2020	750	93	27	663	11.5	17	663	638	1077.71	9822

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 2018 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Mar 2017	911	-27	13	844	0	844	13.7	643.70	1718
H	Apr 2017	961	-23	17	955	0	955	16.1	642.45	1684
I	May 2017	917	-13	22	846	0	846	13.8	643.74	1719
S	Jun 2017	864	-6	25	853	0	853	14.3	643.01	1699
T	Jul 2017	885	-5	26	809	0	809	13.2	644.65	1744
O	Aug 2017	683	-8	23	707	0	707	11.5	642.64	1689
R	Sep 2017	600	-11	18	656	0	656	11.0	639.47	1603
	WY 2017	**8620**	**-183**	**199**	**8261**	**0**	**8261**			
I	Oct 2017	596	-2	15	671	0	671	10.9	636.00	1512
C	Nov 2017	731	-18	11	595	0	595	10.0	640.07	1619
A	Dec 2017	594	-16	9	552	0	552	9.0	640.68	1636
L	Jan 2018	449	2	10	437	0	437	7.1	640.86	1641
*	Feb 2018	687	-4	10	611	0	611	11.0	643.18	1704
	Mar 2018	898	-17	13	886	0	886	14.4	642.50	1685
	Apr 2018	1048	-20	17	997	0	997	16.8	643.00	1699
	May 2018	1021	-12	22	987	0	987	16.0	643.00	1699
	Jun 2018	913	-15	25	900	0	900	15.1	642.00	1671
	Jul 2018	882	-15	25	855	0	855	13.9	641.50	1658
	Aug 2018	770	-12	23	735	0	735	12.0	641.50	1658
	Sep 2018	774	-12	18	784	0	784	13.2	640.01	1617
	WY 2018	**9364**	**-142**	**197**	**9009**	**0**	**9009**			
	Oct 2018	582	-4	15	746	0	746	12.1	633.00	1434
	Nov 2018	728	-12	10	654	0	654	11.0	635.00	1486
	Dec 2018	652	-12	9	534	0	534	8.7	638.71	1583
	Jan 2019	619	-19	10	507	0	507	8.2	641.80	1666
	Feb 2019	685	-15	10	660	0	660	11.9	641.80	1666
	Mar 2019	1055	-17	13	991	0	991	16.1	643.05	1700
	Apr 2019	1059	-20	17	1024	0	1024	17.2	643.00	1699
	May 2019	967	-12	22	933	0	933	15.2	643.00	1699
	Jun 2019	880	-15	25	867	0	867	14.6	642.00	1671
	Jul 2019	839	-15	25	812	0	812	13.2	641.50	1658
	Aug 2019	740	-12	23	706	0	706	11.5	641.50	1658
	Sep 2019	747	-12	18	757	0	757	12.7	640.01	1617
	WY 2019	**9554**	**-166**	**197**	**9190**	**0**	**9190**			
	Oct 2019	510	-4	15	675	0	675	11.0	633.00	1434
	Nov 2019	670	-12	10	596	0	596	10.0	635.00	1486
	Dec 2019	594	-12	9	476	0	476	7.7	638.71	1583
	Jan 2020	607	-19	10	495	0	495	8.1	641.80	1666
	Feb 2020	663	-15	10	638	0	638	11.1	641.80	1666

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 2018 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	Mar 2017	844	11	9	687	11.2	24	136	447.83	577	203	3.3
H	Apr 2017	955	13	11	729	12.3	42	160	448.73	594	181	3.0
I	May 2017	846	22	13	634	10.3	44	175	448.31	586	111	1.8
S	Jun 2017	853	0	15	689	11.6	57	79	448.41	588	126	2.1
T	Jul 2017	809	18	17	666	10.8	58	71	448.63	592	131	2.1
O	Aug 2017	707	12	17	570	9.3	58	70	448.28	585	102	1.7
R	Sep 2017	656	16	15	481	8.1	56	134	447.17	564	104	1.7
	WY 2017	**8261**	**220**	**140**	**6204**		**664**	**1406**			**1513**	
I	Oct 2017	671	9	12	478	7.8	69	131	446.27	548	65	1.1
C	Nov 2017	595	12	9	349	5.9	89	127	447.86	577	99	1.7
A	Dec 2017	552	17	7	335	5.5	100	144	446.80	557	109	1.8
L	Jan 2018	437	4	6	329	5.3	29	90	445.81	539	125	2.0
*	Feb 2018	611	3	8	429	7.7	12	109	448.52	590	145	2.6
	Mar 2018	886	26	9	702	11.4	64	147	447.50	571	195	3.2
	Apr 2018	997	16	11	719	12.1	102	174	447.50	571	175	2.9
	May 2018	987	15	13	662	10.8	105	186	448.70	593	119	1.9
	Jun 2018	900	13	16	709	11.9	102	73	448.70	593	127	2.1
	Jul 2018	855	21	17	680	11.1	105	74	448.00	580	135	2.2
	Aug 2018	735	23	17	601	9.8	105	33	447.50	571	104	1.7
	Sep 2018	784	17	15	524	8.8	102	151	447.50	570	96	1.6
	WY 2018	**9009**	**175**	**139**	**6516**		**984**	**1438**			**1494**	
	Oct 2018	746	23	12	475	7.7	85	190	447.50	571	65	1.1
	Nov 2018	654	16	9	400	6.7	69	187	447.50	571	99	1.7
	Dec 2018	534	18	7	305	5.0	69	185	446.50	552	109	1.8
	Jan 2019	507	21	6	318	5.2	79	121	446.50	552	138	2.2
	Feb 2019	660	11	8	485	8.7	51	121	446.50	552	160	2.9
	Mar 2019	991	7	9	718	11.7	69	189	446.70	555	198	3.2
	Apr 2019	1024	16	11	710	11.9	89	184	448.70	593	175	2.9
	May 2019	933	15	13	642	10.4	90	189	448.70	593	104	1.7
	Jun 2019	867	13	16	683	11.5	89	79	448.70	593	105	1.8
	Jul 2019	812	21	17	647	10.5	90	79	448.00	580	111	1.8
	Aug 2019	706	23	17	589	9.6	90	29	447.50	571	100	1.6
	Sep 2019	757	17	15	509	8.6	89	152	447.50	570	89	1.5
	WY 2019	**9190**	**200**	**139**	**6482**		**958**	**1706**			**1453**	
	Oct 2019	675	23	12	490	8.0	48	141	447.50	571	74	1.2
	Nov 2019	596	16	9	408	6.9	48	141	447.50	571	116	1.9
	Dec 2019	476	18	7	313	5.1	48	141	446.50	552	131	2.1
	Jan 2020	495	21	6	313	5.1	86	106	446.50	552	134	2.2
	Feb 2020	638	11	8	479	8.3	57	100	446.50	552	155	2.7

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 2018 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Mar 2017	911	14.8	1088.26	10707	-131	440.44	1291.1	362.0	79	397.2
H	Apr 2017	961	16.1	1084.89	10420	-287	439.75	1227.0	381.0	76	396.5
I	May 2017	917	14.9	1081.56	10141	-280	434.83	1307.0	360.6	80	393.4
S	Jun 2017	864	14.5	1079.52	9971	-169	433.52	1500.0	335.0	94	387.5
T	Jul 2017	885	14.4	1079.03	9931	-40	432.24	1499.0	341.1	94	385.5
O	Aug 2017	683	11.1	1081.44	10131	200	436.25	1478.1	261.0	93	382.0
R	Sep 2017	600	10.1	1082.05	10182	51	440.10	976.1	230.7	66	384.8
	WY 2017	**8620**							**3347.1**		
I	Oct 2017	596	9.7	1082.30	10202	21	441.43	976.1	229.0	66	384.2
C	Nov 2017	731	12.3	1080.95	10090	-113	435.01	996.0	287.9	63	393.6
A	Dec 2017	594	9.7	1082.52	10221	131	439.05	821.0	235.7	52	396.6
L	Jan 2018	449	7.3	1087.50	10642	421	442.14	834.0	176.5	51	392.9
*	Feb 2018	687	12.4	1088.21	10703	61	441.97	1220.1	275.0	75	400.3
	Mar 2018	898	14.6	1087.19	10615	-88	438.39	1005.9	362.6	62	404.0
	Apr 2018	1048	17.6	1083.24	10281	-334	435.97	972.1	427.0	62	407.5
	May 2018	1021	16.6	1079.23	9947	-334	428.32	1478.0	393.4	95	385.2
	Jun 2018	913	15.3	1076.64	9735	-213	424.80	1539.0	350.8	100	384.1
	Jul 2018	882	14.3	1076.16	9696	-39	423.77	1539.0	342.4	100	388.3
	Aug 2018	770	12.5	1077.76	9826	130	424.49	1552.0	295.5	100	383.8
	Sep 2018	774	13.0	1076.81	9749	-77	425.29	1552.0	298.8	100	386.0
	WY 2018	**9364**							**3674.5**		
	Oct 2018	582	9.5	1077.48	9803	55	430.00	1164.0	224.1	75	385.2
	Nov 2018	728	12.2	1076.45	9719	-84	431.50	1251.9	285.1	80	391.6
	Dec 2018	652	10.6	1077.24	9784	64	430.17	1158.1	250.7	74	384.7
	Jan 2019	619	10.1	1080.40	10044	260	432.36	808.0	245.0	51	395.9
	Feb 2019	685	12.3	1081.71	10154	109	433.55	820.0	275.4	52	402.2
	Mar 2019	1055	17.2	1078.88	9918	-236	431.75	904.0	427.3	57	404.9
	Apr 2019	1059	17.8	1074.72	9578	-340	426.07	1143.9	415.9	74	392.7
	May 2019	967	15.7	1071.27	9301	-278	420.91	1335.9	371.3	87	383.8
	Jun 2019	880	14.8	1068.88	9111	-190	417.02	1499.0	330.4	100	375.3
	Jul 2019	839	13.7	1068.79	9104	-7	416.28	1499.0	318.6	100	379.6
	Aug 2019	740	12.0	1070.80	9263	160	417.39	1514.5	278.2	100	375.9
	Sep 2019	747	12.6	1070.16	9212	-51	418.55	1510.9	282.9	100	378.6
	WY 2019	**9554**							**3704.9**		
	Oct 2019	510	8.3	1071.69	9334	122	423.81	1132.3	197.0	75	385.9
	Nov 2019	670	11.3	1071.32	9305	-29	426.08	1216.3	256.6	80	383.1
	Dec 2019	594	9.7	1072.81	9424	119	425.42	1131.3	227.2	74	382.5
	Jan 2020	607	9.9	1076.15	9694	270	428.04	792.0	237.5	51	391.2
	Feb 2020	663	11.5	1077.71	9822	128	429.44	800.7	262.1	52	395.2

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 2018 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Mar 2017	844	13.7	643.70	1718	28	141.08	194.1	109.6	76	129.9
H	Apr 2017	955	16.1	642.45	1684	-34	138.31	204.0	131.0	80	137.2
I	May 2017	846	13.8	643.74	1719	35	142.74	232.0	108.4	91	128.1
S	Jun 2017	853	14.3	643.01	1699	-20	141.59	255.0	107.4	100	126.0
T	Jul 2017	809	13.2	644.65	1744	45	143.65	255.0	101.5	100	125.5
O	Aug 2017	707	11.5	642.64	1689	-55	143.10	255.0	89.9	100	127.1
R	Sep 2017	656	11.0	639.47	1603	-86	138.07	253.3	83.2	99	126.8
	WY 2017	**8261**							**1061.4**		
I	Oct 2017	671	10.9	636.00	1512	-91	134.26	179.3	81.3	70	121.3
C	Nov 2017	595	10.0	640.07	1619	107	138.81	151.3	73.1	59	122.7
A	Dec 2017	552	9.0	640.68	1636	17	139.44	131.6	69.5	52	126.0
L	Jan 2018	437	7.1	640.86	1641	5	141.78	159.6	55.0	63	125.9
*	Feb 2018	611	11.0	643.18	1704	63	142.18	162.1	76.6	64	125.4
	Mar 2018	886	14.4	642.50	1685	-18	137.72	189.2	111.0	74	125.3
	Apr 2018	997	16.8	643.00	1699	14	137.09	207.4	124.2	81	124.5
	May 2018	987	16.0	643.00	1699	0	137.43	204.0	123.3	80	125.0
	Jun 2018	900	15.1	642.00	1671	-27	135.51	255.0	112.3	100	124.8
	Jul 2018	855	13.9	641.50	1658	-14	134.73	255.0	106.4	100	124.5
	Aug 2018	735	12.0	641.50	1658	0	134.46	255.0	91.9	100	124.9
	Sep 2018	784	13.2	640.01	1617	-40	133.68	255.0	97.1	100	123.8
	WY 2018	**9009**							**1121.6**		
	Oct 2018	746	12.1	633.00	1434	-183	130.59	207.3	89.8	81	120.4
	Nov 2018	654	11.0	635.00	1486	51	129.19	170.0	77.5	67	118.5
	Dec 2018	534	8.7	638.71	1583	97	132.25	167.8	65.1	66	122.0
	Jan 2019	507	8.2	641.80	1666	83	134.43	210.6	63.5	83	125.2
	Feb 2019	660	11.9	641.80	1666	0	136.73	187.6	82.6	74	125.2
	Mar 2019	991	16.1	643.05	1700	34	137.26	190.8	123.2	75	124.4
	Apr 2019	1024	17.2	643.00	1699	-1	136.07	255.0	127.6	100	124.6
	May 2019	933	15.2	643.00	1699	0	136.04	255.0	116.8	100	125.2
	Jun 2019	867	14.6	642.00	1671	-27	135.51	255.0	108.3	100	125.0
	Jul 2019	812	13.2	641.50	1658	-14	134.73	255.0	101.3	100	124.7
	Aug 2019	706	11.5	641.50	1658	0	134.46	255.0	88.3	100	125.1
	Sep 2019	757	12.7	640.01	1617	-40	133.68	255.0	93.9	100	124.0
	WY 2019	**9190**							**1138.0**		
	Oct 2019	675	11.0	633.00	1434	-183	130.59	207.3	81.5	81	120.8
	Nov 2019	596	10.0	635.00	1486	51	129.19	170.0	70.8	67	118.9
	Dec 2019	476	7.7	638.71	1583	97	132.25	167.8	58.2	66	122.3
	Jan 2020	495	8.1	641.80	1666	83	133.85	230.3	62.1	90	125.3
	Feb 2020	638	11.1	641.80	1666	0	136.73	187.6	80.1	74	125.5

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 2018 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Mar 2017	687	11.2	447.83	577	-9	79.98	90.0	48.8	75	71.1
H	Apr 2017	729	12.3	448.73	594	17	80.51	120.0	51.3	100	70.3
I	May 2017	634	10.3	448.31	586	-8	82.36	120.0	44.8	100	70.6
S	Jun 2017	689	11.6	448.41	588	2	80.56	120.0	48.1	100	69.9
T	Jul 2017	666	10.8	448.63	592	4	82.74	120.0	46.5	100	69.9
O	Aug 2017	570	9.3	448.28	585	-7	82.37	120.0	39.9	100	70.0
R	Sep 2017	481	8.1	447.17	564	-21	81.08	120.0	33.8	100	70.2
	WY 2017	**6204**							**434.1**		
I	Oct 2017	478	7.8	446.27	548	-17	80.03	92.9	33.6	77	70.4
C	Nov 2017	349	5.9	447.86	577	30	81.65	90.0	24.1	75	69.2
A	Dec 2017	335	5.5	446.80	557	-20	81.55	92.9	22.5	77	67.0
L	Jan 2018	329	5.3	445.81	539	-18	80.05	117.1	22.8	98	69.2
*	Feb 2018	429	7.7	448.52	590	50	81.30	92.1	30.3	77	70.6
	Mar 2018	702	11.4	447.50	571	-19	76.06	104.5	46.8	87	66.6
	Apr 2018	719	12.1	447.50	571	0	74.89	120.0	47.2	100	65.7
	May 2018	662	10.8	448.70	593	23	75.47	120.0	43.7	100	65.9
	Jun 2018	709	11.9	448.70	593	0	76.05	120.0	47.2	100	66.6
	Jul 2018	680	11.1	448.00	580	-13	75.71	120.0	45.0	100	66.2
	Aug 2018	601	9.8	447.50	571	-9	75.13	120.0	39.3	100	65.5
	Sep 2018	524	8.8	447.50	570	0	74.89	120.0	34.1	100	65.0
	WY 2018	**6516**							**436.5**		
	Oct 2018	475	7.7	447.50	571	0	76.19	91.9	31.3	77	65.9
	Nov 2018	400	6.7	447.50	571	0	75.83	99.0	26.0	83	65.1
	Dec 2018	305	5.0	446.50	552	-19	74.40	120.0	19.2	100	62.9
	Jan 2019	318	5.2	446.50	552	0	75.02	95.8	20.2	80	63.6
	Feb 2019	485	8.7	446.50	552	0	75.21	92.1	31.8	77	65.5
	Mar 2019	718	11.7	446.70	555	4	74.34	112.3	46.9	94	65.3
	Apr 2019	710	11.9	448.70	593	38	75.08	120.0	46.7	100	65.8
	May 2019	642	10.4	448.70	593	0	76.05	120.0	42.6	100	66.3
	Jun 2019	683	11.5	448.70	593	0	76.05	120.0	45.4	100	66.5
	Jul 2019	647	10.5	448.00	580	-13	75.71	120.0	42.7	100	66.1
	Aug 2019	589	9.6	447.50	571	-9	75.13	120.0	38.5	100	65.4
	Sep 2019	509	8.6	447.50	570	0	74.89	120.0	33.1	100	65.0
	WY 2019	**6482**							**424.5**		
	Oct 2019	490	8.0	447.50	571	0	76.29	90.0	32.4	75	66.1
	Nov 2019	408	6.9	447.50	571	0	76.14	93.0	26.7	78	65.5
	Dec 2019	313	5.1	446.50	552	-19	74.40	120.0	19.7	100	63.0
	Jan 2020	313	5.1	446.50	552	0	75.02	95.8	19.9	80	63.6
	Feb 2020	479	8.3	446.50	552	0	75.21	92.1	31.3	77	65.4

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 2018 24-Month Study

Most Probable Inflow*

Upper Basin Power

	Date	Glen Canyon 1000 MWHR	Flaming Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Reservoir 1000 MWHR	Fontenelle Reservoir 1000 MWHR
*	Mar 2017	312	97	19	22	0	0
	Winter 2017	**1945**	**289**	**87**	**107**	**46**	**0**
H	Apr 2017	270	102	15	22	6	0
I	May 2017	291	105	43	72	17	4
S	Jun 2017	346	102	40	66	8	6
T	Jul 2017	399	71	35	13	18	8
O	Aug 2017	421	56	34	0	22	9
R	Sep 2017	306	56	35	33	22	6
	Summer 2017	**2033**	**492**	**202**	**207**	**93**	**33**
I	Oct 2017	294	42	30	37	21	7
C	Nov 2017	288	55	12	14	8	7
A	Dec 2017	339	68	27	33	19	6
L	Jan 2018	394	68	17	21	12	6
*	Feb 2018		60	9	12	3	5
	Mar 2018	326	39	11	13	7	5
	Winter 2018	**1641**	**332**	**106**	**130**	**69**	**35**
	Apr 2018	286	37	19	27	14	6
	May 2018	286	60	21	30	18	7
	Jun 2018	309	58	16	23	14	8
	Jul 2018	349	37	23	29	14	10
	Aug 2018	361	37	23	28	14	8
	Sep 2018	267	36	19	24	12	7
	Summer 2018	**1858**	**265**	**121**	**162**	**87**	**44**
	Oct 2018	253	37	12	15	8	7
	Nov 2018	252	36	4	5	3	6
	Dec 2018	281	37	7	9	5	6
	Jan 2019	334	37	7	9	5	6
	Feb 2019	288	33	6	9	5	5
	Mar 2019	306	37	8	11	6	5
	Winter 2019	**1714**	**218**	**44**	**58**	**33**	**35**
	Apr 2019	271	36	11	17	10	5
	May 2019	275	61	51	70	23	7
	Jun 2019	299	52	42	56	22	9
	Jul 2019	344	37	31	38	21	10
	Aug 2019	363	37	34	40	21	8
	Sep 2019	269	36	33	40	20	7
	Summer 2019	**1189**	**185**	**135**	**181**	**77**	**30**
	Oct 2019	256	37	20	25	13	7
	Nov 2019	256	35	16	20	10	6
	Dec 2019	286	37	26	32	16	6
	Jan 2020	340	37	20	25	13	5
	Feb 2020	295	34	12	15	8	5

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 2018 24-Month Study

Most Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions

Date	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Total KAF	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****EFFECTIVE SPACE****										
Mar 2018	768	282	450	10976	12477	16674	29151	418	117	141	675	10976	16674	28325	1500	898	0	31.1
Apr 2018	770	291	455	11358	12874	16762	29636	416	127	138	681	11358	16762	28801	1500	1048	0	30.6
May 2018	753	314	460	11531	13058	17096	30154	392	148	121	661	11531	17096	29288	1500	1021	0	30.7
Jun 2018	707	267	420	11299	12693	17430	30123	336	90	43	469	11299	17430	29198	1500	913	0	31.0
Jul 2018	489	172	436	11048	12146	17642	29789	104	-20	4	88	11048	17642	28778	1500	882	0	30.4
								****CREDITABLE SPACE****										
Aug 2018	403	186	492	11625	12707	17681	30389	403	186	492	1082	11625	17681	30389	1500	770	0	29.9
Sep 2018	429	219	536	12134	13318	17551	30869	429	219	536	1184	12134	17551	30869	2270	774	0	29.3
Oct 2018	483	246	553	12467	13749	17628	31378	483	246	553	1282	12467	17628	31378	3040	582	0	28.9
Nov 2018	532	253	549	12695	14029	17574	31603	532	253	549	1334	12695	17574	31603	3810	728	0	28.6
Dec 2018	582	235	546	12915	14279	17658	31937	582	235	546	1364	12915	17658	31937	4580	652	0	28.4
Jan 2019	650	233	547	13212	14642	17593	32235	650	233	547	1430	13212	17593	32235	5350	619	0	28.3
								****EFFECTIVE SPACE****										
Jan 2019	650	233	547	13212	14642	17593	32235	366	233	547	1146	13212	17593	31951	5350	619	0	28.3
Feb 2019	713	231	551	13625	15119	17333	32452	427	231	551	1209	13625	17333	32166	1500	685	0	28.0
Mar 2019	762	227	544	13930	15464	17223	32687	474	227	544	1246	13930	17223	32399	1500	1055	0	27.7
Apr 2019	766	216	487	14137	15606	17459	33065	473	216	487	1176	14137	17459	32772	1500	1059	0	27.7
May 2019	737	178	392	14017	15324	17799	33122	438	178	375	991	14017	17799	32807	1500	967	0	28.9
Jun 2019	668	136	243	12829	13876	18076	31952	359	136	187	682	12829	18076	31588	1500	880	0	30.4
Jul 2019	436	24	148	11558	12166	18266	30432	110	18	35	163	11558	18266	29987	1500	839	0	30.5
								****CREDITABLE SPACE****										
Aug 2019	344	8	174	11472	11998	18273	30271	344	8	174	526	11472	18273	30271	1500	740	0	30.2
Sep 2019	370	55	226	11779	12429	18114	30543	370	55	226	650	11779	18114	30543	2270	747	0	29.8
Oct 2019	424	124	254	11929	12732	18165	30897	424	124	254	803	11929	18165	30897	3040	510	0	29.6
Nov 2019	472	151	248	12021	12893	18043	30936	472	151	248	872	12021	18043	30936	3810	670	0	29.4
Dec 2019	521	170	253	12147	13091	18072	31163	521	170	253	944	12147	18072	31163	4580	594	0	29.3
Jan 2020	588	226	263	12381	13458	17953	31412	588	226	263	1078	12381	17953	31412	5350	607	0	29.1
								****EFFECTIVE SPACE****										
Jan 2020	588	226	263	12381	13458	17953	31412	324	226	55	605	12381	17953	30939	5350	607	0	29.1
Feb 2020	649	266	276	12746	13938	17683	31621	384	266	67	717	12746	17683	31146	1500	663	0	28.9

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3053

Processed On: 3/12/2018 10:33:30AM

April 24-Month Study
Date: April 16, 2018

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

Reservoir	March Inflow (unregulated) (acre-feet)	Percent of Average (%)	April 15, Midnight Elevation (feet)	April 15, Midnight Reservoir Storage (acre-feet)
Fontenelle	58,000	110	6,470.73	121,000
Flaming Gorge	86,000	84	6,025.49	3,178,000
Blue Mesa	28,000	78	7,480.78	512,000
Navajo	24,000	26	6,050.82	1,235,000
Powell	332,000	50	3,610.84	12,815,000

Expected Operations

The operation of Lake Powell and Lake Mead in this April 2018 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines), and reflects the 2018 Annual Operating Plan (AOP). Pursuant to the Interim Guidelines, the August 2017 24-Month Study projections of the January 1, 2018, system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2018.

Consistent with Section 6.B of the Interim Guidelines, Lake Powell's operations in water year 2018 will be governed by the Upper Elevation Balancing Tier. With an 8.23 million acre-feet (maf) release from Lake Powell in water year 2018, the April 2018 24-Month Study projects the end of water year elevation at Lake Powell to be above 3,575 feet above sea level (feet), and the end of water year elevation at Lake Mead to be below 1,075 feet. Therefore, in accordance with Section 6.B.4 of the Interim Guidelines, Lake Powell operations will shift to balancing releases for the remainder of water year 2018. Under Section 6.B.4, the contents of Lake Powell and Lake Mead will be balanced by the end of the water year, but not more than 9.0 maf and not less than 8.23 maf shall be released from Lake Powell. Based on the most probable inflow forecast, this April 24-Month Study projects a balancing release of 9.0 maf in water year 2018; however, the actual release in water year 2018 will depend on hydrology in the remainder of water

year and will range from 8.23 to 9.0 maf. The projected release from Lake Powell in water year 2018 will be updated each month throughout the remainder of the water year.

Consistent with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar year 2018.

The Interim Guidelines are available for download at:
https://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The 2018 AOP is available for download at:
https://www.usbr.gov/lc/region/g4000/aop/AOP18.pdf

Fontenelle Reservoir – Fontenelle Reservoir is currently at elevation 6470 feet, which amounts to 35 percent of live storage capacity. Inflows for the month of March totaled 58,000 acre-feet (af), or 110 percent of average. Above average inflows are forecasted over the next few months and releases have been adjusted to meet the spring elevation target. Releases have been set to 1,500 cfs and are anticipated to increase as inflows into the reservoir increase.

The Colorado Basin River Forecast Center has forecasted above average inflows into the reservoir this spring. April, May, and June forecasted inflow volumes amount to 95,000 af (111 percent of average), 205,000 af (125 percent of average), and 370,000 af (124 percent of average), respectively.

The next Fontenelle Working Group meeting is scheduled for 10:00 a.m., April 17, 2018. The meeting will be held at Seedskadee Wildlife Refuge Headquarters, Wyoming. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir.

Flaming Gorge Reservoir – Releases are currently 1,700 cfs with fluctuations for hydropower, and will increase or decrease throughout the spring season to meet the May 1 elevation target of 6,027 feet.

Unregulated inflow into Flaming Gorge Reservoir during the month of March was 98,864 af, or 97 percent of average. The reservoir elevation is 6,025.53 feet (85 percent of live capacity) and decreasing.

The April final forecast for inflows for the next three months projects near average conditions: April, May, and June forecasted unregulated inflow volumes at 125,000 af (94 percent of average), 240,000 af (98 percent of average), and 400,000 af (102 percent of average), respectively.

The April water supply forecast of the April through July unregulated inflow volume into Flaming Gorge Reservoir is 1,000,000 af (102 percent of average). Current snowpack is 117 percent of median and we have received 117 percent of the season peak for the

Upper Green Basin with additional storm systems anticipated through the remainder of April.

The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stakeholders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations and plans presented by Reclamation at these meetings. Meeting notes from past Working Group meetings are posted on the Working Group webpage. For more information on this group and these meetings please contact Dale Hamilton at 801-379-1186 or Jed Parker at 801-524-3816.

Reclamation will be holding the Flaming Gorge Working Group meeting on Thursday, April 19, 2018, at 11:00 a.m. at the Utah Division of Wildlife Resources offices located at 318 North Vernal Avenue, Vernal, Utah.

Aspinall Unit Reservoirs – Releases from Crystal Dam are approximately 1,500 cfs. Uncompahgre Valley Water Users Association is diverting approximately 1,050 cfs through the Gunnison Tunnel and flows through the Black Canyon are approximately 450 cfs. Blue Mesa Reservoir elevation is 7580.78 feet which corresponds to a storage content 511,000 af (62 percent of capacity).

The March unregulated inflow to Blue Mesa Reservoir was 27,739 af (78 percent of average). Unregulated Inflows to Blue Mesa for the next three months (April, May and June) are projected to be: 41,000 af (53 percent of average), 127,000 af (57 percent of average) and 129,000 af (49 percent of average), respectively. For water year 2018, the unregulated inflow volume is forecasted to be 574,000 af (60 percent of average) with 345,000 af (51 percent of average) forecasted unregulated inflow during the April through July period. The April 24-Month Study is reflective of this new forecast.

The Aspinall Unit Working Group is an open public forum for information exchange between Reclamation and the stakeholders of the Aspinall Unit. The public is encouraged to attend and comments on the operations and plans presented by Reclamation at these meetings. Meeting notes from past working Group meetings are posted on the Working Group webpage. For more information on this group and these meetings please contact Erik Knight in the Grand Junction Area Office at (970) 248-0629.

Meeting notes from past working Group meetings are posted on the Working Group webpage at:

https://www.usbr.gov/uc/wcao/water/rsvrs/mtgs/amcurrnt.html

The next meeting of the Aspinall Unit Working Group will be held on Thursday, April 17th, 2018 at 1:00 pm at the at the Western Colorado Area Office located at 445 West Gunnison Avenue in Grand Junction, Colorado.

Navajo Reservoir – On April 2nd, the release was increased to 550 cfs. The observed inflow is 338 cfs. The reservoir elevation is 6050.88 feet (1,235,927 af), and is 73 percent full (55 percent of active storage). The San Juan River at Four Corners USGS gage is at 483 cfs. The Animas River at Farmington USGS gage is at 80 cfs. Releases are made for the authorized purposes of the Navajo Unit, and pursuant to the 2006 Record of Decision, in an attempt to maintain a target base flow through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell). The San Juan River Basin Recovery Implementation Program (SJRIP) recommends a target base flow of between 500 cfs and 1,000 cfs through the critical habitat area. The target base flow is calculated as the weekly average of gaged flows throughout the critical habitat area.

Currently SNOTEL sites are showing an average of 10.7 inches of snow water equivalent (swe) above Navajo, which is 54 percent of the median for this time of year. So far the snowpack has peaked at 11.1 inches of swe.

Preliminary modified unregulated inflow into Navajo was 24,176 af, which was 26 percent of average for the month. The most probable modified-unregulated inflow forecast for April at Navajo is 54,000 af (32 percent of average), for May is 105,000 af (38 percent of average), and for June is 51,000 af (23 percent of average).
The April-July runoff forecasts are as follows:

Min Prob: 168,000 af (23 percent of average, an increase of 38,000 af since the last forecast)
Most Prob: 235,000 af (32 percent of average, a decrease of 30,000 af since the last forecast)
Max Prob: 350,000 af (47 percent of average, a decrease of 60,000 af since the last forecast)

Under the current soil moisture conditions, snowpack, and inflow forecast for the runoff season, there are no current plans for a spring peak release at Navajo Reservoir.

Releases for the remainder of the runoff season will be made to maintain the minimum target baseflow in the critical habitat reach and will likely range from 300 to 700 cfs.

As there is no appreciable precipitation on the horizon, the forecasts are expected to continue to trend somewhere between the Min and Most Probable forecasts.

Reclamation conducts Public Operations Meetings three times per year to gather input for determining upcoming operations for Navajo Reservoir. Input from individuals, organizations, and agencies along with other factors such as weather, water rights, endangered species requirements, flood control, hydro power, recreation, fish and wildlife management, and reservoir levels, will be considered in the development of these reservoir operation plans. In addition, the meetings are used to coordinate activities and exchange information among agencies, water users, and other interested parties concerning the San Juan River and Navajo Reservoir.

The next Navajo Public Operations Coordination Meeting is scheduled for Tuesday, April 24th 2018, at 1:00 p.m. at the Farmington Civic Center, Farmington, NM.

Glen Canyon Dam / Lake Powell

Current Status
The 2016 LTEMP ROD provides the framework for implementing flow-based experiments at Glen Canyon Dam when resource conditions warrant. The purpose of LTEMP experiments is to learn, through adaptive management, how to better protect, mitigate adverse effects to, and improve resources downstream of Glen Canyon Dam, while complying with relevant laws. Ongoing research and monitoring through the Glen Canyon Dam Adaptive Management Program ensures the best science and data is available for making decisions related to experimental releases.

Under the LTEMP, the Department may conduct flow-based experiments (High Flow Experiments, Bug Flows, Trout Management Flows, and Low Summer Flows) at Glen Canyon Dam when resource conditions warrant and if it is determined that there will not be unacceptable adverse impacts on other resources. This is the first year of implementing flow-based experiments under LTEMP, and Reclamation has been following a process similar to that established for High Flow Experiments under prior operational decisions.

The Glen Canyon Dam Experimental Technical Team (Technical Team) recommends that experimental Macroinvertebrate Production Flows (Bug Flows) be implemented at Glen Canyon Dam beginning May 1 through August 31, 2018.

The Bug Flow experiment consists of steady weekend releases from Glen Canyon Dam and normal fluctuating releases during the weekdays. The steady weekend flows are expected to provide favorable conditions for insects to lay eggs along the Colorado River downstream of Glen Canyon Dam, while the minimum flows on weekdays are designed to be similar to flows on the weekends, thus preventing the eggs from drying out. Performing this experiment will not affect the Monthly or Weekly planned release volumes. The affect will only be to the daily distribution volumes, and the peak and low daily flow rates.

At this time we do not have a firm confirmation for a Bug Flow event. However, a final determination for this experiment will likely be made near the end of April.

The unregulated inflow volume to Lake Powell in March was 332 thousand acre-feet (kaf) (50 percent of average). The release volume from Glen Canyon Dam in March was 800 kaf. The end of March elevation and storage of Lake Powell were 3,612 feet (88 feet from full pool) and 13.0 million acre-feet (maf) (53 percent of full capacity), respectively. With a much below average snowpack this water year, the anticipated spring inflows will not be enough to arrest the falling elevation levels on the lake. The reservoir is projected to reach new seasonal low elevations as time progresses on through the end of this year. The basin snowpack reached a peak of 72 percent of the seasonal medium peak on April 10th.

Current Operations

The operating tier for water year 2018 was established in August 2017 as the Upper Elevation Balancing Tier. In the Upper Elevation Balancing Tier the initial water year release volume is 8.23 maf; however, there is the possibility for an April adjustment to equalization or balancing operations to govern for the remainder of the water year. This April 2018 24-Month Study establishes that Lake Powell operations will shift to "balancing releases" for the remainder of water year 2018. Under Balancing, the contents of Lake Powell and Lake Mead will be balanced by the end of the water year, but not more than 9.0 maf and not less than 8.23 maf shall be released from Lake Powell. Based on the most probable inflow forecast, this April 24-Month Study projects a balancing release of 9.0 maf in water year 2018; the actual release in water year 2018, however, will depend on hydrology in the remainder of water year and will range from 8.23 to 9.0 maf. The projected release from Lake Powell in water year 2018 will be updated each month throughout the remainder of the water year. Reclamation will schedule operations at Glen Canyon Dam to achieve as practicably as possible the appropriate total annual release volume by September 30, 2018.

In April, the release volume will be approximately 705 kaf, with fluctuations anticipated between about 8,650 cfs in the nighttime to about 15,000 cfs in the daytime and consistent with the Glen Canyon Dam, Record of Decision (dated December 2016). The anticipated release volume for May is 705 kaf with daily fluctuations between approximately 7,050 cfs and 13,390 cfs. The expected release for June is 760 kaf with daily fluctuations between approximately 8,850 cfs and 16,450 cfs.

In addition to daily scheduled fluctuations for power generation, the instantaneous releases from Glen Canyon Dam may also fluctuate to provide 40 MW of system regulation. These instantaneous release adjustments stabilize the electrical generation and transmission system and translate to a range of up to about 1,200 cfs above or below the hourly scheduled release rate. Under system normal conditions, fluctuations for regulation are typically short lived and generally balance out over the hour with minimal or no noticeable impacts on downstream river flow conditions.

Releases from Glen Canyon Dam can also fluctuate beyond scheduled releases when called upon to respond to unscheduled power outages or power system emergencies. Depending on the severity of the system emergency, the response from Glen Canyon Dam can be significant, within the full range of the operating capacity of the power plant for as long as is necessary to maintain balance in the transmission system. Glen Canyon Dam currently maintains 27 mw (approximately 800 cfs) of generation capacity in reserve in order to respond to a system emergency even when generation rates are already high. System emergencies occur fairly infrequently and typically require small responses from Glen Canyon Dam. However, these responses can have a noticeable impact on the river downstream of Glen Canyon Dam.

Inflow Forecasts and Model Projections

The April to July 2018 water supply forecast for unregulated inflow to Lake Powell, issued on April 3, 2018, by the Colorado Basin River Forecast Center, projects that the most probable (median) unregulated inflow volume will be 3.1 maf (43 percent of

average based on the period 1981-2010). The projected water year 2018 inflow is 5.6 maf (124 percent). At this early point in the season, there is still significant uncertainty regarding this year's water supply. The April-July forecast ranges from a minimum probable of 1.9 maf (27 percent) to a maximum probable of 4.9 maf (68 percent). There is a 10percent chance that inflows could be higher than the current maximum probable forecast and a 10 percent chance that inflows could be lower than the minimum probable forecast.

As determined in the August 2017 24-Month Study, and documented in the 2018 Annual Operating Plan, Lake Powell's operations in water year 2018 will be governed by the Upper Elevation Balancing Tier. In this tier, the initial water year release volume is 8.23 maf, however, there is the potential for an April adjustment to equalization or balancing releases in April 2018. This April 2018 24-Month Study projects the end of water year elevation at Lake Powell to be above 3,575 feet and the end of water year elevation at Lake Mead to be below elevation 1,075.0 feet. Therefore, in accordance with Section 6.B.4 of the 2007 Interim Guidelines, Lake Powell operations will shift to "balancing releases" for the remainder of water year 2018. Under Section 6.B.4, the contents of Lake Powell and Lake Mead will be balanced by the end of the water year, but not more than 9.0 maf and not less than 8.23 maf shall be released from Lake Powell.

Based on the April most probable inflow forecast, the annual release volume from Lake Powell during water year 2018 is projected to be 9.0 maf. Under the minimum probable inflow scenario, the water year release is projected to be 9.0 maf. Under the maximum probable inflow scenario, the release is projected to be 9.0 maf. There is a 10 percent chance that inflows will be lower than the current minimum probable forecast, potentially resulting in lower releases. If inflows are less than the minimum probable forecast, the water year 2018 annual release could be as low as 8.23 maf. If inflows are greater than the current forecasted maximum probable inflow, the annual release will be 9.0 maf. The projected release from Lake Powell in water year 2018 will be updated each month throughout the remainder of the water year.

Based on the current forecast, the April 24-Month Study projects Lake Powell elevation will end water year 2018 near 3,598 feet with approximately 11.6 maf in storage (48 percent capacity). Projections of elevation and storage still have significant uncertainty at this point in the season, primarily due to uncertainty regarding spring runoff and the resulting inflow to Lake Powell. Under the minimum probable inflow scenario, updated in April, the projected end of water year elevation and storage are 3,589 feet and 10.7 maf (44 percent capacity), respectively. Under the maximum probable inflow scenario, updated in April, the projected end of water year elevation and storage are 3616 feet and 13.3 maf (55 percent capacity), respectively. Modeling of projected reservoir operations based on the minimum and maximum scenarios will be updated again in August.

Upper Colorado River Basin Hydrology

The Upper Colorado River Basin regularly experiences significant year to year hydrologic variability. During the 18-year period 2000 to 2017, however, the unregulated inflow to Lake Powell, which is a good measure of hydrologic conditions in the Colorado River Basin, was above average in only 4 out of the past 18 years. The

period 2000-2017 is the lowest 18-year period since the closure of Glen Canyon Dam in 1963, with an average unregulated inflow of 8.76 maf, or 81percent of the 30-year average (1981-2010). (For comparison, the 1981-2010 total water year average is 10.83 maf.) The unregulated inflow during the 2000-2017 period has ranged from a low of 2.64 maf (24 percent of average) in water year 2002 to a high of 15.97 maf (147 percent of average) in water year 2011. In water year 2017 unregulated inflow volume to Lake Powell was 11.9 maf (110 percent of average), the fourth year to be above average. Under the current most probable forecast, the total water year 2018 unregulated inflow to Lake Powell is projected to be 5.6 maf (52 percent of average).

At the beginning of water year 2018, total system storage in the Colorado River Basin was 32.9 maf (55 percent of 59.6 maf total system capacity). This is an increase of 2.7 maf over the total storage at the beginning of water year 2017 when total system storage was 30.2 maf (51 percent of capacity). Since the beginning of water year 2000, total Colorado Basin storage has experienced year to year increases and decreases in response to wet and dry hydrology, ranging from a high of 94 percent of capacity at the beginning of 2000 to a low of 50 percent of capacity at the beginning of water year 2005. One wet year can significantly increase total system reservoir storage, just as persistent dry years can draw down the system storage. Based on current inflow forecasts, the current projected end of water year total Colorado Basin reservoir storage for water year 2018 is approximately 28.9 maf (48 percent of total system capacity). The actual end of water year 2018 system storage may vary from this projection, primarily due to uncertainty regarding this season's runoff and reservoir inflow. Based on the April minimum and maximum probable inflow forecasts and modeling, the range of end of water year 2018 total system capacity is approximately 27.7 maf (46 percent of capacity) to 30.9 maf (52 percent of capacity), respectively.

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-430
125 SOUTH STATE STREET, ROOM 8100
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-3709

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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:	Obs			jan	Forecast		Outlook		
:	oct	nov	dec	jan %Avg	feb	mar	apr	apr-jul	%Avg
GLDA3:Lake Powell	387	299	262	260 66%:	400/	550/	1150/	3400/:	47%
GBRW4:Fontenelle	62	46	42	38 137%:	55/	95/	175/	840/:	116%
GRNU1:Flaming Gorge	82	52	52	57 128%:	108/	125/	220/	940/:	96%
BMDC2:Blue Mesa	32	25	20	23 103%:	27/	46/	130/	395/:	59%
MPSC2:Morrow Point	34	26	22	24 96%:	30/	55/	141/	430/:	58%
CLSC2:Crystal	38	29	25	27 94%:	35/	62/	160/	475/:	57%
TPIC2:Taylor Park	5.9	4.1	4.2	3.8 100%:	4/	7/	21/	70/:	71%
VCRC2:Vallecito	5.1	3.2	2.7	2.2 46%:	4/	8/	33/	80/:	41%
NVRN5:Navajo	18.8	10.3	12.2	13.4 44%:	30/	60/	130/	285/:	39%
LEMC2:Lemon	0.73	0.50	0.40	0.38 50%:	1/	2/	8/	18/:	33%
MPHC2:McPhee	2.2	0.71	1.68	2.0 40%:	6/	22/	54/	113/:	38%
RBSC2:Ridgway	5.0	3.7	3.4	3.1 86%:	5/	7/	16/	59/:	58%

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2018 24-Month Study

Most Probable Inflow*

Fontenelle Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Apr 2017	225	1	0	304	304	6472.17	128
H	May 2017	430	1	54	373	427	6472.55	129
I	Jun 2017	732	2	74	469	543	6502.49	317
S	Jul 2017	332	3	88	230	319	6503.83	328
T	Aug 2017	102	2	95	61	156	6496.34	271
O	Sep 2017	66	2	69	4	72	6495.21	263
	WY 2017	**2319**	**15**	**379**	**1890**	**2270**		
R	Oct 2017	73	1	80	0	80	6494.03	255
I	Nov 2017	62	1	78	0	78	6491.65	238
C	Dec 2017	46	1	72	8	80	6486.39	204
A	Jan 2018	42	1	79	1	80	6479.83	165
L	Feb 2018	38	0	72	0	72	6472.86	131
*	Mar 2018	58	0	16	56	71	6469.78	117
	Apr 2018	95	1	88	0	88	6471.21	124
	May 2018	205	1	98	67	165	6479.32	163
	Jun 2018	370	2	102	118	220	6501.58	311
	Jul 2018	230	3	100	95	195	6505.69	343
	Aug 2018	80	2	85	0	85	6504.78	336
	Sep 2018	47	2	71	0	71	6501.48	310
	WY 2018	**1347**	**15**	**942**	**345**	**1285**		
	Oct 2018	49	1	73	0	73	6498.17	285
	Nov 2018	42	1	71	0	71	6494.12	256
	Dec 2018	32	1	73	0	73	6487.87	214
	Jan 2019	30	1	73	0	73	6480.72	171
	Feb 2019	28	1	66	0	66	6472.92	132
	Mar 2019	53	0	73	0	73	6468.02	111
	Apr 2019	85	1	74	0	74	6470.65	122
	May 2019	164	1	99	11	110	6481.41	175
	Jun 2019	299	2	102	76	178	6499.31	294
	Jul 2019	178	3	101	24	125	6505.73	344
	Aug 2019	77	2	85	0	85	6504.38	333
	Sep 2019	46	2	77	0	77	6500.17	300
	WY 2019	**1083**	**15**	**967**	**111**	**1078**		
	Oct 2019	49	1	73	0	73	6496.67	274
	Nov 2019	42	1	68	0	68	6492.93	248
	Dec 2019	32	1	70	0	70	6487.08	209
	Jan 2020	30	1	70	0	70	6480.34	169
	Feb 2020	28	0	66	0	66	6472.56	130
	Mar 2020	53	0	70	0	70	6468.38	112

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3057

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2018 24-Month Study

Most Probable Inflow*

Flaming Gorge Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	Apr 2017	350	428	5	268	244	511	124	6022.93	3084	745
H	May 2017	582	580	8	278	171	449	129	6026.15	3203	857
I	Jun 2017	895	705	11	263	223	486	137	6031.41	3404	859
S	Jul 2017	387	374	14	180	48	228	142	6034.61	3531	315
T	Aug 2017	120	174	13	143	0	143	143	6035.05	3548	173
O	Sep 2017	87	93	11	141	0	141	140	6033.63	3491	161
	WY 2017	**3153**	**3104**	**81**	**2016**	**712**	**2728**				**4225**
R	Oct 2017	88	95	8	107	0	107	140	6033.17	3473	155
I	Nov 2017	82	98	4	139	0	139	138	6032.07	3430	171
C	Dec 2017	52	86	2	174	0	174	135	6029.85	3343	202
A	Jan 2018	52	90	2	175	0	175	131	6027.65	3259	209
L	Feb 2018	57	91	2	155	1	157	129	6025.91	3194	197
*	Mar 2018	86	99	3	106	0	106	128	6025.65	3184	178
	Apr 2018	125	118	5	101	0	101	129	6025.97	3196	231
	May 2018	240	200	8	164	0	164	130	6026.69	3223	464
	Jun 2018	400	250	10	147	0	147	133	6029.04	3312	427
	Jul 2018	235	200	14	108	0	108	136	6031.00	3388	148
	Aug 2018	90	95	13	108	0	108	135	6030.37	3363	124
	Sep 2018	56	80	11	104	0	104	134	6029.48	3329	114
	WY 2018	**1563**	**1502**	**81**	**1588**	**1**	**1589**				**2619**
	Oct 2018	60	83	7	108	0	108	133	6028.69	3299	130
	Nov 2018	51	80	3	104	0	104	132	6027.99	3272	131
	Dec 2018	35	76	2	108	0	108	130	6027.14	3240	133
	Jan 2019	40	83	2	108	0	108	129	6026.47	3215	133
	Feb 2019	45	83	2	97	0	97	129	6026.05	3199	125
	Mar 2019	102	123	3	108	0	108	129	6026.37	3211	184
	Apr 2019	134	122	5	104	0	104	130	6026.70	3224	319
	May 2019	245	191	8	170	0	170	130	6027.04	3236	702
	Jun 2019	390	268	10	141	0	141	135	6030.00	3349	561
	Jul 2019	210	158	14	100	0	100	136	6031.09	3391	200
	Aug 2019	89	97	13	100	0	100	136	6030.70	3376	125
	Sep 2019	55	86	11	97	0	97	135	6030.15	3355	116
	WY 2019	**1455**	**1450**	**80**	**1343**	**0**	**1343**				**2859**
	Oct 2019	59	84	7	100	0	100	134	6029.56	3332	132
	Nov 2019	51	77	3	97	0	97	133	6028.97	3310	128
	Dec 2019	35	73	2	100	0	100	132	6028.25	3282	125
	Jan 2020	40	80	2	100	0	100	131	6027.70	3261	125
	Feb 2020	45	82	2	93	0	93	131	6027.37	3249	121
	Mar 2020	102	120	3	100	0	100	131	6027.80	3265	177

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2018 24-Month Study

Most Probable Inflow*

Taylor Park Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Apr 2017	13	9	9312.04	73
H	May 2017	30	19	9318.55	84
I	Jun 2017	62	45	9327.76	102
S	Jul 2017	24	26	9326.95	100
T	Aug 2017	12	25	9320.31	88
O	Sep 2017	8	18	9314.58	77
	WY 2017	**179**	**173**		
R	Oct 2017	8	8	9314.93	78
I	Nov 2017	6	6	9315.09	78
C	Dec 2017	4	6	9313.84	76
A	Jan 2018	4	6	9312.64	74
L	Feb 2018	4	6	9311.50	72
*	Mar 2018	5	6	9310.51	71
	Apr 2018	7	6	9311.16	72
	May 2018	21	10	9317.77	83
	Jun 2018	25	15	9323.29	93
	Jul 2018	9	18	9318.15	84
	Aug 2018	6	15	9312.68	74
	Sep 2018	5	14	9306.69	65
	WY 2018	**104**	**117**		
	Oct 2018	5	6	9306.08	64
	Nov 2018	5	5	9306.05	64
	Dec 2018	5	5	9306.00	64
	Jan 2019	4	5	9305.74	63
	Feb 2019	4	4	9305.40	63
	Mar 2019	4	5	9305.19	63
	Apr 2019	9	10	9304.35	61
	May 2019	28	16	9312.57	74
	Jun 2019	42	21	9324.20	95
	Jul 2019	20	24	9322.42	91
	Aug 2019	10	20	9317.36	82
	Sep 2019	7	15	9312.89	75
	WY 2019	**144**	**134**		
	Oct 2019	7	7	9312.69	74
	Nov 2019	5	5	9312.72	74
	Dec 2019	5	5	9312.41	74
	Jan 2020	4	5	9311.89	73
	Feb 2020	4	5	9311.21	72
	Mar 2020	4	8	9308.98	68

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2018 24-Month Study

Most Probable Inflow*

Blue Mesa Reservoir

	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Apr 2017	145	140	1	53	0	53	7499.55	658
H	May 2017	244	233	1	151	65	293	7491.98	597
I	Jun 2017	392	373	1	139	35	175	7515.35	793
S	Jul 2017	135	137	2	113	0	110	7518.20	819
T	Aug 2017	84	96	1	111	0	111	7516.38	802
O	Sep 2017	35	45	1	115	0	114	7508.43	732
	WY 2017	**1245**	**1238**	**9**	**987**	**101**	**1163**		
R	Oct 2017	37	37	1	102	0	102	7500.64	667
I	Nov 2017	32	32	0	40	0	40	7499.68	659
C	Dec 2017	25	27	0	93	0	93	7491.44	593
A	Jan 2018	20	22	0	60	0	60	7486.51	554
L	Feb 2018	23	25	0	32	0	32	7485.54	547
*	Mar 2018	28	29	0	43	0	43	7483.73	534
	Apr 2018	41	40	1	73	0	73	7479.12	500
	May 2018	127	116	1	67	0	67	7485.64	548
	Jun 2018	129	119	1	59	0	59	7493.16	606
	Jul 2018	48	57	1	82	0	82	7489.85	580
	Aug 2018	35	44	1	81	0	81	7484.92	542
	Sep 2018	29	38	1	67	0	67	7480.91	513
	WY 2018	**574**	**587**	**8**	**798**	**0**	**798**		
	Oct 2018	32	33	0	41	0	41	7479.75	504
	Nov 2018	29	29	0	14	0	14	7481.68	518
	Dec 2018	26	26	0	15	0	15	7483.14	529
	Jan 2019	24	25	0	15	0	15	7484.47	539
	Feb 2019	22	23	0	13	0	13	7485.76	549
	Mar 2019	36	36	0	16	0	16	7488.35	569
	Apr 2019	77	78	1	36	0	36	7493.67	610
	May 2019	221	208	1	152	0	152	7500.49	665
	Jun 2019	261	240	1	103	0	103	7516.24	801
	Jul 2019	117	120	2	99	0	99	7518.39	821
	Aug 2019	63	73	1	108	0	108	7514.30	784
	Sep 2019	38	46	1	107	0	107	7507.12	721
	WY 2019	**947**	**937**	**9**	**720**	**0**	**720**		
	Oct 2019	38	39	1	66	0	66	7503.86	693
	Nov 2019	31	31	0	63	0	63	7500.01	661
	Dec 2019	26	26	0	113	0	113	7489.09	574
	Jan 2020	24	25	0	72	0	72	7482.91	527
	Feb 2020	22	23	0	51	0	51	7479.13	500
	Mar 2020	36	40	0	33	0	33	7479.99	506

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3057

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2018 24-Month Study

Most Probable Inflow*

Morrow Point Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Apr 2017	157	53	12	66	65	0	65	7149.64	109
H	May 2017	263	293	19	312	203	0	312	7149.70	109
I	Jun 2017	411	175	19	195	184	0	193	7151.34	110
S	Jul 2017	139	110	4	114	37	0	111	7155.13	113
T	Aug 2017	86	111	2	113	0	0	115	7152.68	111
O	Sep 2017	35	114	0	115	92	0	112	7155.62	114
	WY 2017	**1314**	**1163**	**69**	**1232**	**893**	**0**	**1226**		
R	Oct 2017	38	102	1	103	105	0	105	7153.17	112
I	Nov 2017	34	40	1	41	42	0	42	7152.45	111
C	Dec 2017	26	93	1	94	94	0	94	7152.45	111
A	Jan 2018	22	60	2	62	62	0	63	7150.65	110
L	Feb 2018	24	32	1	33	34	0	34	7149.19	108
*	Mar 2018	29	43	1	44	49	0	49	7143.05	104
	Apr 2018	49	73	8	81	73	0	73	7153.73	112
	May 2018	137	67	10	77	77	0	77	7153.73	112
	Jun 2018	139	59	10	69	69	0	69	7153.73	112
	Jul 2018	50	82	2	84	84	0	84	7153.73	112
	Aug 2018	37	81	2	83	83	0	83	7153.73	112
	Sep 2018	31	67	2	69	69	0	69	7153.73	112
	WY 2018	**616**	**798**	**42**	**840**	**840**	**0**	**842**		
	Oct 2018	34	41	2	43	43	0	43	7153.73	112
	Nov 2018	31	14	2	16	16	0	16	7153.73	112
	Dec 2018	28	15	2	17	17	0	17	7153.73	112
	Jan 2019	27	15	2	17	17	0	17	7153.73	112
	Feb 2019	25	13	3	16	16	0	16	7153.73	112
	Mar 2019	40	16	4	20	20	0	20	7153.73	112
	Apr 2019	88	36	11	47	47	0	47	7153.73	112
	May 2019	247	152	26	178	178	0	178	7153.73	112
	Jun 2019	281	103	20	123	123	0	123	7153.73	112
	Jul 2019	123	99	6	105	105	0	105	7153.73	112
	Aug 2019	67	108	3	112	112	0	112	7153.73	112
	Sep 2019	41	107	3	110	110	0	110	7153.73	112
	WY 2019	**1031**	**720**	**84**	**804**	**804**	**0**	**804**		
	Oct 2019	41	66	3	68	68	0	68	7153.73	112
	Nov 2019	33	63	2	65	65	0	65	7153.73	112
	Dec 2019	28	113	2	115	115	0	115	7153.73	112
	Jan 2020	27	72	2	74	74	0	74	7153.73	112
	Feb 2020	25	51	3	54	54	0	54	7153.73	112
	Mar 2020	40	33	4	37	37	0	37	7153.73	112

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2018 24-Month Study

Most Probable Inflow*

Crystal Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
*	Apr 2017	167	65	10	75	31	44	75	6751.65	17	39	38
H	May 2017	285	312	22	334	86	73	331	6759.83	19	62	270
I	Jun 2017	446	193	36	229	44	127	231	6751.78	17	61	172
S	Jul 2017	148	111	8	119	96	25	121	6746.24	15	63	60
T	Aug 2017	89	115	3	119	119	0	119	6744.79	15	62	58
O	Sep 2017	39	112	4	116	115	0	115	6748.63	16	59	56
	WY 2017	**1423**	**1226**	**109**	**1335**	**751**	**350**	**1334**			**413**	**929**
R	Oct 2017	43	105	5	110	109	0	109	6751.20	16	55	53
I	Nov 2017	38	42	4	46	46	0	46	6749.89	16	1	46
C	Dec 2017	29	94	3	97	97	0	97	6749.23	16	1	98
A	Jan 2018	25	63	3	66	62	4	66	6747.99	16	1	66
L	Feb 2018	27	34	3	37	16	20	36	6750.06	16	0	36
*	Mar 2018	33	49	4	52	53	0	53	6747.97	16	13	39
	Apr 2018	56	73	7	80	78	0	78	6753.04	17	42	36
	May 2018	154	77	17	94	94	0	94	6753.04	17	62	32
	Jun 2018	153	69	14	83	83	0	83	6753.04	17	61	22
	Jul 2018	52	84	2	86	86	0	86	6753.04	17	63	23
	Aug 2018	40	83	3	86	86	0	86	6753.04	17	65	21
	Sep 2018	36	69	5	74	74	0	74	6753.04	17	55	19
	WY 2018	**686**	**842**	**70**	**912**	**885**	**25**	**910**			**419**	**491**
	Oct 2018	40	43	5	49	49	0	49	6753.04	17	30	19
	Nov 2018	35	16	5	21	21	0	21	6753.04	17	0	21
	Dec 2018	32	17	5	22	22	0	22	6753.04	17	0	22
	Jan 2019	31	17	5	22	22	0	22	6753.04	17	0	22
	Feb 2019	29	16	4	19	19	0	19	6753.04	17	0	19
	Mar 2019	46	20	6	26	26	0	26	6753.04	17	5	21
	Apr 2019	101	47	12	60	60	0	60	6753.04	17	42	18
	May 2019	281	178	34	212	134	78	212	6753.04	17	62	150
	Jun 2019	315	123	34	157	130	27	157	6753.04	17	61	96
	Jul 2019	138	105	14	120	120	0	120	6753.04	17	65	55
	Aug 2019	75	112	8	120	120	0	120	6753.04	17	65	55
	Sep 2019	47	110	6	116	116	0	116	6753.04	17	55	61
	WY 2019	**1170**	**804**	**139**	**943**	**838**	**105**	**943**			**385**	**558**
	Oct 2019	47	68	6	74	74	0	74	6753.04	17	30	44
	Nov 2019	38	65	5	70	70	0	70	6753.04	17	0	70
	Dec 2019	32	115	5	120	120	0	120	6753.04	17	0	120
	Jan 2020	31	74	5	79	79	0	79	6753.04	17	0	79
	Feb 2020	29	54	4	58	58	0	58	6753.04	17	0	58
	Mar 2020	46	37	6	43	43	0	43	6753.04	17	5	38

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2018 24-Month Study

Most Probable Inflow*

Vallecito Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Apr 2017	45	35	7649.82	87
H	May 2017	67	44	7658.86	109
I	Jun 2017	72	57	7664.54	124
S	Jul 2017	30	39	7660.94	115
T	Aug 2017	19	33	7655.15	100
O	Sep 2017	9	34	7644.31	74
	WY 2017	**303**	**297**		
R	Oct 2017	9	22	7638.22	61
I	Nov 2017	5	2	7639.49	63
C	Dec 2017	3	1	7640.27	65
A	Jan 2018	3	0	7641.42	67
L	Feb 2018	3	0	7642.57	70
*	Mar 2018	4	0	7644.11	73
	Apr 2018	7	0	7646.89	80
	May 2018	26	22	7648.41	83
	Jun 2018	18	31	7642.69	70
	Jul 2018	9	30	7632.25	49
	Aug 2018	9	27	7620.80	30
	Sep 2018	8	22	7608.98	16
	WY 2018	**103**	**158**		
	Oct 2018	10	13	7605.99	14
	Nov 2018	7	2	7611.59	19
	Dec 2018	6	2	7615.57	24
	Jan 2019	5	2	7618.42	27
	Feb 2019	5	2	7620.70	30
	Mar 2019	9	2	7625.19	37
	Apr 2019	23	2	7636.98	58
	May 2019	71	31	7654.49	98
	Jun 2019	70	44	7664.42	124
	Jul 2019	29	42	7659.34	110
	Aug 2019	20	38	7652.03	92
	Sep 2019	17	30	7646.79	79
	WY 2019	**274**	**208**		
	Oct 2019	16	17	7646.03	78
	Nov 2019	9	2	7648.97	85
	Dec 2019	6	2	7650.81	89
	Jan 2020	5	2	7652.23	92
	Feb 2020	5	2	7653.41	95
	Mar 2020	9	2	7656.02	102

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2018 24-Month Study

Most Probable Inflow*

Navajo Reservoir

	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azetea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Farmington Flow (1000 Ac-Ft)
*	Apr 2017	235	33	193	3	19	33	6078.18	1598	132
H	May 2017	261	45	195	4	25	228	6073.94	1536	323
I	Jun 2017	231	46	166	5	40	259	6063.90	1398	458
S	Jul 2017	49	11	48	4	43	38	6061.00	1361	95
T	Aug 2017	30	5	38	4	35	36	6058.07	1323	57
O	Sep 2017	9	2	33	3	23	42	6055.28	1289	46
	WY 2017	**1157**	**160**	**991**	**28**	**198**	**785**			**1422**
R	Oct 2017	38	2	49	2	8	32	6055.89	1296	52
I	Nov 2017	19	0	16	1	0	25	6055.04	1286	42
C	Dec 2017	10	0	9	1	0	24	6053.69	1270	41
A	Jan 2018	12	0	9	1	0	23	6052.47	1255	40
L	Feb 2018	14	0	11	1	1	18	6051.73	1246	33
*	Mar 2018	24	2	19	2	6	21	6050.92	1236	29
	Apr 2018	55	2	46	2	20	32	6050.24	1228	47
	May 2018	105	7	94	3	35	22	6053.13	1263	73
	Jun 2018	51	3	61	4	51	27	6051.33	1241	76
	Jul 2018	24	0	45	4	56	44	6046.29	1183	61
	Aug 2018	29	0	47	3	47	44	6042.13	1136	63
	Sep 2018	29	0	43	2	26	35	6040.24	1115	53
	WY 2018	**410**	**17**	**449**	**25**	**250**	**347**			**608**
	Oct 2018	37	0	39	1	9	26	6040.44	1118	46
	Nov 2018	30	0	24	1	0	21	6040.70	1120	36
	Dec 2018	25	0	21	1	0	22	6040.56	1119	37
	Jan 2019	22	0	18	1	0	22	6040.22	1115	35
	Feb 2019	30	0	27	1	0	19	6040.86	1122	32
	Mar 2019	92	0	86	1	5	22	6046.01	1179	44
	Apr 2019	170	2	147	2	21	21	6054.73	1282	73
	May 2019	277	7	230	4	36	26	6067.55	1447	172
	Jun 2019	224	3	194	5	52	30	6075.26	1555	181
	Jul 2019	66	0	79	5	57	44	6073.37	1528	112
	Aug 2019	45	0	63	4	48	63	6069.67	1476	102
	Sep 2019	43	0	55	3	26	55	6067.57	1447	87
	WY 2019	**1061**	**12**	**983**	**28**	**254**	**370**			**957**
	Oct 2019	47	0	48	2	10	31	6068.02	1453	59
	Nov 2019	34	0	27	1	0	30	6067.71	1449	48
	Dec 2019	25	0	21	1	0	31	6066.91	1438	46
	Jan 2020	22	0	18	1	0	31	6065.94	1425	44
	Feb 2020	30	0	27	1	0	29	6065.75	1423	41
	Mar 2020	92	0	86	2	6	31	6069.25	1470	53

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2018 24-Month Study

Most Probable Inflow*

Lake Powell

	Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry Gage (1000 Ac-Ft)
*	Apr 2017	1608	1494	23	623	0	623	3604.14	5026	12149	629
H	May 2017	2377	2321	29	652	0	652	3619.09	5147	13667	658
I	Jun 2017	3115	2680	51	749	0	749	3634.89	5286	15408	763
S	Jul 2017	1073	889	64	850	0	850	3634.69	5284	15385	875
T	Aug 2017	446	495	63	900	0	900	3630.88	5250	14952	929
O	Sep 2017	196	410	57	663	0	663	3628.31	5227	14664	671
	WY 2017	**11905**	**11396**	**409**	**8874**	**126**	**9000**				**9152**
R	Oct 2017	449	533	39	640	0	640	3627.09	5216	14530	634
I	Nov 2017	387	454	37	630	0	630	3625.29	5200	14332	619
C	Dec 2017	299	483	29	740	0	740	3622.85	5179	14068	733
A	Jan 2018	262	442	9	860	0	860	3619.14	5147	13672	860
L	Feb 2018	269	387	10	730	0	730	3616.02	5121	13346	748
*	Mar 2018	332	395	16	800	0	800	3612.23	5090	12956	832
	Apr 2018	450	448	25	705	0	705	3609.65	5069	12695	713
	May 2018	850	672	29	705	0	705	3609.08	5065	12638	711
	Jun 2018	1250	957	45	760	0	760	3610.48	5076	12779	768
	Jul 2018	550	532	53	860	0	860	3606.95	5048	12426	879
	Aug 2018	270	395	52	900	0	900	3601.68	5007	11911	918
	Sep 2018	250	368	46	670	0	670	3598.30	4981	11589	681
	WY 2018	**5618**	**6068**	**389**	**9000**	**0**	**9000**				**9096**
	Oct 2018	380	436	32	640	0	640	3595.98	4963	11370	646
	Nov 2018	412	441	30	640	0	640	3593.69	4946	11158	640
	Dec 2018	363	421	24	720	0	720	3590.43	4922	10859	725
	Jan 2019	361	418	7	860	0	860	3585.79	4889	10444	871
	Feb 2019	393	426	7	750	0	750	3582.28	4865	10136	754
	Mar 2019	665	585	12	800	0	800	3579.84	4848	9926	805
	Apr 2019	1056	858	20	710	0	710	3581.23	4857	10045	718
	May 2019	2343	1990	25	710	0	710	3594.23	4950	11208	716
	Jun 2019	2666	2120	42	750	0	750	3607.07	5049	12438	758
	Jul 2019	1091	998	53	850	0	850	3607.96	5056	12526	869
	Aug 2019	500	622	52	900	0	900	3604.86	5031	12220	918
	Sep 2019	408	557	48	670	0	670	3603.33	5019	12071	681
	WY 2019	**10637**	**9873**	**352**	**9000**	**0**	**9000**				**9100**
	Oct 2019	512	574	33	640	0	640	3602.39	5012	11979	646
	Nov 2019	473	546	32	640	0	640	3601.19	5003	11864	640
	Dec 2019	363	521	25	720	0	720	3599.01	4986	11656	725
	Jan 2020	361	477	8	860	0	860	3595.16	4957	11294	871
	Feb 2020	393	469	8	750	0	750	3592.27	4936	11027	754
	Mar 2020	665	604	13	800	0	800	3590.14	4920	10833	805

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2018 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Glen Release (1000 Ac-Ft)	Side Inflow Glen to Hoover (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Apr 2017	623	92	39	961	16.1	20	960	677	1084.89	10420
H	May 2017	652	39	44	917	14.9	29	915	659	1081.56	10141
I	Jun 2017	749	17	53	864	14.5	29	864	648	1079.52	9971
S	Jul 2017	850	89	66	885	14.4	31	885	646	1079.03	9931
T	Aug 2017	900	94	70	683	11.1	28	683	658	1081.44	10131
O	Sep 2017	663	70	58	600	10.1	21	591	662	1082.05	10182
	WY 2017	**9000**	**995**	**541**	**8620**		**236**	**8591**			
R	Oct 2017	640	44	43	596	9.7	23	595	663	1082.30	10202
I	Nov 2017	630	40	42	731	12.3	16	731	656	1080.95	10090
C	Dec 2017	740	43	37	594	9.7	12	593	664	1082.52	10221
A	Jan 2018	860	78	30	449	7.3	10	448	692	1087.50	10642
L	Feb 2018	730	61	28	687	12.4	11	693	696	1088.21	10703
*	Mar 2018	800	71	32	833	13.5	16	832	695	1088.11	10694
	Apr 2018	705	48	39	1002	16.8	23	1002	676	1084.68	10402
	May 2018	705	31	44	1001	16.3	27	1001	656	1080.91	10086
	Jun 2018	760	12	53	906	15.2	33	906	642	1078.41	9880
	Jul 2018	860	81	66	862	14.0	36	862	641	1078.16	9859
	Aug 2018	900	112	70	750	12.2	34	750	650	1079.95	10007
	Sep 2018	670	105	58	779	13.1	27	779	645	1078.94	9924
	WY 2018	**9000**	**726**	**542**	**9191**		**267**	**9193**			
	Oct 2018	640	69	42	579	9.4	28	579	649	1079.62	9980
	Nov 2018	640	61	42	741	12.4	21	741	642	1078.45	9883
	Dec 2018	720	50	36	665	10.8	14	665	646	1079.08	9935
	Jan 2019	860	78	30	619	10.1	12	619	663	1082.21	10195
	Feb 2019	750	93	28	685	12.3	14	685	670	1083.51	10304
	Mar 2019	800	56	31	1055	17.2	21	1055	654	1080.69	10069
	Apr 2019	710	48	38	1059	17.8	23	1059	632	1076.57	9729
	May 2019	710	31	43	967	15.7	27	967	614	1073.14	9451
	Jun 2019	750	12	51	880	14.8	33	880	602	1070.76	9260
	Jul 2019	850	81	64	839	13.7	36	839	601	1070.67	9253
	Aug 2019	900	112	68	740	12.0	34	740	612	1072.66	9412
	Sep 2019	670	105	56	747	12.6	27	747	608	1072.01	9360
	WY 2019	**9000**	**796**	**529**	**9577**		**290**	**9577**			
	Oct 2019	640	69	41	510	8.3	28	510	616	1073.53	9482
	Nov 2019	640	61	41	670	11.3	21	670	614	1073.16	9453
	Dec 2019	720	50	36	594	9.7	14	594	622	1074.63	9571
	Jan 2020	860	78	29	607	9.9	14	607	640	1077.94	9841
	Feb 2020	750	93	27	663	11.5	17	663	648	1079.49	9969
	Mar 2020	800	56	30	988	16.1	22	988	637	1077.40	9796

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2018 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Apr 2017	961	-23	17	955	0	955	16.1	642.45	1684
H	May 2017	917	-13	22	846	0	846	13.8	643.74	1719
I	Jun 2017	864	-6	25	853	0	853	14.3	643.01	1699
S	Jul 2017	885	-5	26	809	0	809	13.2	644.65	1744
T	Aug 2017	683	-8	23	707	0	707	11.5	642.64	1689
O	Sep 2017	600	-11	18	656	0	656	11.0	639.47	1603
	WY 2017	**8620**	**-183**	**199**	**8261**	**0**	**8261**			
R	Oct 2017	596	-2	15	671	0	671	10.9	636.00	1512
I	Nov 2017	731	-18	11	595	0	595	10.0	640.07	1619
C	Dec 2017	594	-16	9	552	0	552	9.0	640.68	1636
A	Jan 2018	449	2	10	437	0	437	7.1	640.86	1641
L	Feb 2018	687	-4	10	611	0	611	11.0	643.18	1704
*	Mar 2018	833	-1	13	836	0	836	13.6	642.57	1687
	Apr 2018	1002	-20	17	954	0	954	16.0	643.00	1699
	May 2018	1001	-12	22	967	0	967	15.7	643.00	1699
	Jun 2018	906	-15	25	893	0	893	15.0	642.00	1671
	Jul 2018	862	-15	25	835	0	835	13.6	641.50	1658
	Aug 2018	750	-12	23	716	0	716	11.6	641.50	1658
	Sep 2018	779	-12	18	789	0	789	13.3	640.01	1617
	WY 2018	**9191**	**-126**	**197**	**8853**	**0**	**8853**			
	Oct 2018	579	-4	15	744	0	744	12.1	633.00	1434
	Nov 2018	741	-12	10	667	0	667	11.2	635.00	1486
	Dec 2018	665	-12	9	546	0	546	8.9	638.71	1583
	Jan 2019	619	-19	10	507	0	507	8.2	641.80	1666
	Feb 2019	685	-15	10	660	0	660	11.9	641.80	1666
	Mar 2019	1055	-17	13	991	0	991	16.1	643.05	1700
	Apr 2019	1059	-20	17	1024	0	1024	17.2	643.00	1699
	May 2019	967	-12	22	933	0	933	15.2	643.00	1699
	Jun 2019	880	-15	25	867	0	867	14.6	642.00	1671
	Jul 2019	839	-15	25	812	0	812	13.2	641.50	1658
	Aug 2019	740	-12	23	706	0	706	11.5	641.50	1658
	Sep 2019	747	-12	18	757	0	757	12.7	640.01	1617
	WY 2019	**9577**	**-166**	**197**	**9213**	**0**	**9213**			
	Oct 2019	510	-4	15	675	0	675	11.0	633.00	1434
	Nov 2019	670	-12	10	596	0	596	10.0	635.00	1486
	Dec 2019	594	-12	9	476	0	476	7.7	638.71	1583
	Jan 2020	607	-19	10	495	0	495	8.1	641.80	1666
	Feb 2020	663	-15	10	638	0	638	11.1	641.80	1666
	Mar 2020	988	-17	13	923	0	923	15.0	643.05	1700

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3057

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2018 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	Apr 2017	955	13	11	729	12.3	42	160	448.73	594	181	3.0
H	May 2017	846	22	13	634	10.3	44	175	448.31	586	111	1.8
I	Jun 2017	853	0	15	689	11.6	57	79	448.41	588	126	2.1
S	Jul 2017	809	18	17	666	10.8	58	71	448.63	592	131	2.1
T	Aug 2017	707	12	17	570	9.3	58	70	448.28	585	102	1.7
O	Sep 2017	656	16	15	481	8.1	56	134	447.17	564	104	1.7
	WY 2017	**8261**	**220**	**140**	**6204**		**664**	**1406**			**1513**	
R	Oct 2017	671	9	12	478	7.8	69	131	446.27	548	65	1.1
I	Nov 2017	595	12	9	349	5.9	89	127	447.86	577	99	1.7
C	Dec 2017	552	17	7	335	5.5	100	144	446.80	557	109	1.8
A	Jan 2018	437	3	6	329	5.3	29	90	445.81	539	125	2.0
L	Feb 2018	611	3	8	429	7.7	12	109	448.52	590	145	2.6
*	Mar 2018	836	-3	9	637	10.4	61	139	447.46	570	195	3.2
	Apr 2018	954	16	11	719	12.1	68	162	447.50	570	175	2.9
	May 2018	967	15	13	662	10.8	85	186	448.70	593	119	1.9
	Jun 2018	893	13	16	709	11.9	82	85	448.70	593	127	2.1
	Jul 2018	835	21	17	680	11.1	85	74	448.00	580	135	2.2
	Aug 2018	716	23	17	601	9.8	85	33	447.50	571	104	1.7
	Sep 2018	789	17	15	524	8.8	82	176	447.50	570	96	1.6
	WY 2018	**8853**	**145**	**139**	**6452**		**849**	**1455**			**1494**	
	Oct 2018	744	23	12	475	7.7	85	188	447.50	571	65	1.1
	Nov 2018	667	16	9	389	6.5	91	188	447.50	571	99	1.7
	Dec 2018	546	18	7	295	4.8	94	183	446.50	552	109	1.8
	Jan 2019	507	21	6	318	5.2	79	121	446.50	552	138	2.2
	Feb 2019	660	11	8	485	8.7	51	121	446.50	552	160	2.9
	Mar 2019	991	7	9	718	11.7	69	189	446.70	555	198	3.2
	Apr 2019	1024	16	11	710	11.9	89	184	448.70	593	175	2.9
	May 2019	933	15	13	642	10.4	90	189	448.70	593	104	1.7
	Jun 2019	867	13	16	683	11.5	89	79	448.70	593	105	1.8
	Jul 2019	812	21	17	647	10.5	90	79	448.00	580	111	1.8
	Aug 2019	706	23	17	589	9.6	90	29	447.50	571	100	1.6
	Sep 2019	757	17	15	509	8.6	89	152	447.50	570	89	1.5
	WY 2019	**9213**	**200**	**139**	**6460**		**1007**	**1702**			**1453**	
	Oct 2019	675	23	12	490	8.0	48	141	447.50	571	74	1.2
	Nov 2019	596	16	9	408	6.9	48	141	447.50	571	116	1.9
	Dec 2019	476	18	7	313	5.1	48	141	446.50	552	131	2.1
	Jan 2020	495	21	6	313	5.1	86	106	446.50	552	134	2.2
	Feb 2020	638	11	8	479	8.3	57	100	446.50	552	155	2.7
	Mar 2020	923	7	9	708	11.5	76	125	446.70	555	191	3.1

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2018 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Apr 2017	961	16.1	1084.89	10420	-287	439.75	1227.0	381.0	76	396.5
H	May 2017	917	14.9	1081.56	10141	-280	434.83	1307.0	360.6	80	393.4
I	Jun 2017	864	14.5	1079.52	9971	-169	433.52	1500.0	335.0	94	387.5
S	Jul 2017	885	14.4	1079.03	9931	-40	432.24	1499.0	341.1	94	385.5
T	Aug 2017	683	11.1	1081.44	10131	200	436.25	1478.1	261.0	93	382.0
O	Sep 2017	600	10.1	1082.05	10182	51	440.10	976.1	230.7	66	384.8
	WY 2017	**8620**							**3347.1**		
R	Oct 2017	596	9.7	1082.30	10202	21	441.43	976.1	229.0	66	384.2
I	Nov 2017	731	12.3	1080.95	10090	-113	435.01	996.0	287.9	63	393.6
C	Dec 2017	594	9.7	1082.52	10221	131	439.05	821.0	235.7	52	396.6
A	Jan 2018	449	7.3	1087.50	10642	421	442.14	834.0	176.5	51	392.9
L	Feb 2018	687	12.4	1088.21	10703	61	441.97	1220.1	275.0	75	400.3
*	Mar 2018	833	13.5	1088.11	10694	-9	442.23	1005.9	333.9	62	400.8
	Apr 2018	1002	16.8	1084.68	10402	-292	437.80	880.9	411.8	55	410.9
	May 2018	1001	16.3	1080.91	10086	-316	429.86	1478.0	386.0	95	385.5
	Jun 2018	906	15.2	1078.41	9880	-206	426.51	1552.0	349.0	100	385.3
	Jul 2018	862	14.0	1078.16	9859	-21	425.64	1552.0	335.4	100	389.2
	Aug 2018	750	12.2	1079.95	10007	148	426.56	1552.0	288.4	100	384.5
	Sep 2018	779	13.1	1078.94	9924	-83	427.44	1552.0	302.5	100	388.2
	WY 2018	**9191**							**3611.1**		
	Oct 2018	579	9.4	1079.62	9980	56	432.80	1058.0	225.0	68	388.4
	Nov 2018	741	12.4	1078.45	9883	-97	433.53	1248.0	291.9	80	394.1
	Dec 2018	665	10.8	1079.08	9935	52	432.10	1146.9	257.4	74	387.4
	Jan 2019	619	10.1	1082.21	10195	260	433.52	904.0	244.3	57	394.8
	Feb 2019	685	12.3	1083.51	10304	109	434.68	909.0	274.3	58	400.6
	Mar 2019	1055	17.2	1080.69	10069	-236	432.88	993.0	424.3	64	402.1
	Apr 2019	1059	17.8	1076.57	9729	-340	427.24	1237.0	414.8	80	391.7
	May 2019	967	15.7	1073.14	9451	-278	422.11	1414.0	371.2	94	383.8
	Jun 2019	880	14.8	1070.76	9260	-190	418.87	1499.0	331.9	100	377.1
	Jul 2019	839	13.7	1070.67	9253	-8	418.14	1499.0	320.1	100	381.3
	Aug 2019	740	12.0	1072.66	9412	159	419.24	1512.0	279.5	100	377.5
	Sep 2019	747	12.6	1072.01	9360	-52	420.39	1521.5	284.2	100	380.2
	WY 2019	**9577**							**3718.8**		
	Oct 2019	510	8.3	1073.53	9482	122	425.65	1140.1	197.8	75	387.4
	Nov 2019	670	11.3	1073.16	9453	-29	427.91	1224.7	257.6	80	384.7
	Dec 2019	594	9.7	1074.63	9571	118	427.23	1139.0	228.1	74	384.0
	Jan 2020	607	9.9	1077.94	9841	270	429.84	797.2	238.5	51	392.8
	Feb 2020	663	11.5	1079.49	9969	128	431.22	805.9	263.1	52	396.8
	Mar 2020	988	16.1	1077.40	9796	-173	429.91	890.1	394.2	57	399.2

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2018 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Apr 2017	955	16.1	642.45	1684	-34	138.31	204.0	131.0	80	137.2
H	May 2017	846	13.8	643.74	1719	35	142.74	232.0	108.4	91	128.1
I	Jun 2017	853	14.3	643.01	1699	-20	141.59	255.0	107.4	100	126.0
S	Jul 2017	809	13.2	644.65	1744	45	143.65	255.0	101.5	100	125.5
T	Aug 2017	707	11.5	642.64	1689	-55	143.10	255.0	89.9	100	127.1
O	Sep 2017	656	11.0	639.47	1603	-86	138.07	253.3	83.2	99	126.8
	WY 2017	**8261**							**1061.4**		
R	Oct 2017	671	10.9	636.00	1512	-91	134.26	179.3	81.3	70	121.3
I	Nov 2017	595	10.0	640.07	1619	107	138.81	151.3	73.1	59	122.7
C	Dec 2017	552	9.0	640.68	1636	17	139.44	131.6	69.5	52	126.0
A	Jan 2018	437	7.1	640.86	1641	5	141.78	159.6	55.0	63	125.9
L	Feb 2018	611	11.0	643.18	1704	63	142.18	162.1	76.6	64	125.4
*	Mar 2018	836	13.6	642.57	1687	-17	139.99	189.2	105.4	74	126.1
	Apr 2018	954	16.0	643.00	1699	12	137.12	207.4	119.0	81	124.8
	May 2018	967	15.7	643.00	1699	0	137.43	204.0	120.9	80	125.1
	Jun 2018	893	15.0	642.00	1671	-27	135.51	255.0	111.4	100	124.8
	Jul 2018	835	13.6	641.50	1658	-14	134.73	255.0	104.0	100	124.6
	Aug 2018	716	11.6	641.50	1658	0	134.46	255.0	89.5	100	125.0
	Sep 2018	789	13.3	640.01	1617	-40	133.68	255.0	97.7	100	123.8
	WY 2018	**8853**							**1103.3**		
	Oct 2018	744	12.1	633.00	1434	-183	130.59	207.3	89.5	81	120.4
	Nov 2018	667	11.2	635.00	1486	51	129.19	170.0	78.9	67	118.4
	Dec 2018	546	8.9	638.71	1583	97	132.25	167.8	66.6	66	121.9
	Jan 2019	507	8.2	641.80	1666	83	134.43	210.6	63.5	83	125.2
	Feb 2019	660	11.9	641.80	1666	0	136.73	187.6	82.6	74	125.2
	Mar 2019	991	16.1	643.05	1700	34	137.26	190.8	123.2	75	124.4
	Apr 2019	1024	17.2	643.00	1699	-1	136.07	255.0	127.6	100	124.6
	May 2019	933	15.2	643.00	1699	0	136.04	255.0	116.8	100	125.2
	Jun 2019	867	14.6	642.00	1671	-27	135.51	255.0	108.3	100	125.0
	Jul 2019	812	13.2	641.50	1658	-14	134.73	255.0	101.3	100	124.7
	Aug 2019	706	11.5	641.50	1658	0	134.46	255.0	88.3	100	125.1
	Sep 2019	757	12.7	640.01	1617	-40	133.68	255.0	93.9	100	124.0
	WY 2019	**9213**							**1140.6**		
	Oct 2019	675	11.0	633.00	1434	-183	130.59	207.3	81.5	81	120.8
	Nov 2019	596	10.0	635.00	1486	51	129.19	170.0	70.8	67	118.9
	Dec 2019	476	7.7	638.71	1583	97	132.25	167.8	58.2	66	122.3
	Jan 2020	495	8.1	641.80	1666	83	133.85	230.3	62.1	90	125.3
	Feb 2020	638	11.1	641.80	1666	0	136.73	187.6	80.1	74	125.5
	Mar 2020	923	15.0	643.05	1700	34	137.26	190.8	115.1	75	124.8

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2018 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Apr 2017	729	12.3	448.73	594	17	80.51	120.0	51.3	100	70.3
H	May 2017	634	10.3	448.31	586	-8	82.36	120.0	44.8	100	70.6
I	Jun 2017	689	11.6	448.41	588	2	80.56	120.0	48.1	100	69.9
S	Jul 2017	666	10.8	448.63	592	4	82.74	120.0	46.5	100	69.9
T	Aug 2017	570	9.3	448.28	585	-7	82.37	120.0	39.9	100	70.0
O	Sep 2017	481	8.1	447.17	564	-21	81.08	120.0	33.8	100	70.2
	WY 2017	**6204**							**434.1**		
R	Oct 2017	478	7.8	446.27	548	-17	80.03	92.9	33.6	77	70.4
I	Nov 2017	349	5.9	447.86	577	30	81.65	90.0	24.1	75	69.2
C	Dec 2017	335	5.5	446.80	557	-20	81.55	92.9	22.5	77	67.0
A	Jan 2018	329	5.3	445.81	539	-18	80.05	117.1	22.8	98	69.2
L	Feb 2018	429	7.7	448.52	590	50	81.30	92.1	30.3	77	70.6
*	Mar 2018	638	10.4	447.46	570	-20	81.79	102.6	44.9	85	70.4
	Apr 2018	719	12.1	447.50	570	1	74.87	120.0	47.2	100	65.7
	May 2018	662	10.8	448.70	593	23	75.47	120.0	43.7	100	65.9
	Jun 2018	709	11.9	448.70	593	0	76.05	120.0	47.2	100	66.6
	Jul 2018	680	11.1	448.00	580	-13	75.71	120.0	45.0	100	66.2
	Aug 2018	601	9.8	447.50	571	-9	75.13	120.0	39.3	100	65.5
	Sep 2018	524	8.8	447.50	570	0	74.89	120.0	34.1	100	65.0
	WY 2018	**6453**							**434.7**		
	Oct 2018	475	7.7	447.50	571	0	76.19	91.9	31.3	77	65.9
	Nov 2018	389	6.5	447.50	571	0	75.83	99.0	25.3	83	65.0
	Dec 2018	295	4.8	446.50	552	-19	74.40	120.0	18.5	100	62.7
	Jan 2019	318	5.2	446.50	552	0	75.02	95.8	20.2	80	63.6
	Feb 2019	485	8.7	446.50	552	0	75.21	92.1	31.8	77	65.5
	Mar 2019	718	11.7	446.70	555	4	74.34	112.3	46.9	94	65.3
	Apr 2019	710	11.9	448.70	593	38	75.08	120.0	46.7	100	65.8
	May 2019	642	10.4	448.70	593	0	76.05	120.0	42.6	100	66.3
	Jun 2019	683	11.5	448.70	593	0	76.05	120.0	45.4	100	66.5
	Jul 2019	647	10.5	448.00	580	-13	75.71	120.0	42.7	100	66.1
	Aug 2019	589	9.6	447.50	571	-9	75.13	120.0	38.5	100	65.4
	Sep 2019	509	8.6	447.50	570	0	74.89	120.0	33.1	100	65.0
	WY 2019	**6460**							**423.0**		
	Oct 2019	490	8.0	447.50	571	0	76.29	90.0	32.4	75	66.1
	Nov 2019	408	6.9	447.50	571	0	76.14	93.0	26.7	78	65.5
	Dec 2019	313	5.1	446.50	552	-19	74.40	120.0	19.7	100	63.0
	Jan 2020	313	5.1	446.50	552	0	75.02	95.8	19.9	80	63.6
	Feb 2020	479	8.3	446.50	552	0	75.21	92.1	31.3	77	65.4
	Mar 2020	708	11.5	446.70	555	4	74.34	112.3	46.2	94	65.3

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2018 24-Month Study

Most Probable Inflow*

Upper Basin Power

	Date	Glen Canyon 1000 MWHR	Flaming Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Reservoir 1000 MWHR	Fontenelle Reservoir 1000 MWHR
*	Apr 2017	270	102	15	22	6	0
H	May 2017	291	105	43	72	17	4
I	Jun 2017	346	102	40	66	8	6
S	Jul 2017	399	71	35	13	18	8
T	Aug 2017	421	56	34	0	22	9
O	Sep 2017	306	56	35	33	22	6
	Summer 2017	**2033**	**492**	**202**	**207**	**93**	**33**
R	Oct 2017	294	42	30	37	21	7
I	Nov 2017	288	55	12	14	8	7
C	Dec 2017	339	68	27	33	19	6
A	Jan 2018	394	68	17	21	12	6
L	Feb 2018		60	9	12	3	5
*	Mar 2018	364	41	12	16	9	1
	Winter 2018	**1679**	**334**	**107**	**133**	**71**	**31**
	Apr 2018	286	37	21	26	13	6
	May 2018	284	60	19	28	16	7
	Jun 2018	307	54	17	25	14	9
	Jul 2018	346	40	24	30	15	10
	Aug 2018	359	40	24	30	15	8
	Sep 2018	265	38	19	25	13	7
	Summer 2018	**1847**	**268**	**125**	**164**	**87**	**46**
	Oct 2018	252	39	12	16	8	7
	Nov 2018	251	38	4	6	4	6
	Dec 2018	280	39	4	6	4	6
	Jan 2019	332	39	4	6	4	6
	Feb 2019	287	35	4	6	3	5
	Mar 2019	304	39	5	7	5	5
	Winter 2019	**1704**	**231**	**33**	**46**	**27**	**34**
	Apr 2019	270	38	11	17	10	5
	May 2019	273	62	46	64	23	7
	Jun 2019	297	52	32	44	22	9
	Jul 2019	341	37	31	38	21	10
	Aug 2019	361	37	34	40	21	8
	Sep 2019	267	36	33	40	20	7
	Summer 2019	**1809**	**261**	**187**	**243**	**117**	**45**
	Oct 2019	255	37	20	25	13	7
	Nov 2019	254	35	19	23	12	6
	Dec 2019	285	37	34	42	21	6
	Jan 2020	338	37	21	27	14	5
	Feb 2020	293	34	15	19	10	5
	Mar 2020	311	37	9	13	7	5
	Winter 2020	**1424**	**180**	**109**	**135**	**69**	**29**

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3057

Processed On: 4/11/2018 9:20:48AM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2018 24-Month Study

Most Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions

Date	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Total KAF	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****EFFECTIVE SPACE****										
Apr 2018	792	296	460	11366	12913	16683	29596	480	64	121	665	11366	16683	28713	1500	1002	0	30.6
May 2018	774	330	468	11627	13198	16975	30173	456	96	107	659	11627	16975	29261	1500	1001	0	30.4
Jun 2018	708	282	433	11684	13107	17291	30398	380	36	34	450	11684	17291	29425	1500	906	0	30.6
Jul 2018	471	223	455	11543	12692	17497	30189	127	-34	1	94	11543	17497	29134	1500	862	0	30.2
								****CREDITABLE SPACE****										
Aug 2018	363	249	513	11896	13022	17518	30540	363	249	513	1126	11896	17518	30540	1500	750	0	29.7
Sep 2018	395	287	560	12411	13653	17370	31023	395	287	560	1242	12411	17370	31023	2270	779	0	29.2
Oct 2018	455	317	581	12733	14085	17453	31539	455	317	581	1352	12733	17453	31539	3040	579	0	28.8
Nov 2018	510	325	578	12952	14365	17397	31763	510	325	578	1414	12952	17397	31763	3810	741	0	28.5
Dec 2018	566	311	576	13164	14616	17494	32110	566	311	576	1453	13164	17494	32110	4580	665	0	28.2
Jan 2019	640	300	577	13463	14980	17442	32422	640	300	577	1517	13463	17442	32422	5350	619	0	28.1
								****EFFECTIVE SPACE****										
Jan 2019	640	300	577	13463	14980	17442	32422	338	300	577	1216	13463	17442	32120	5350	619	0	28.1
Feb 2019	708	290	581	13878	15458	17182	32640	405	290	581	1277	13878	17182	32337	1500	685	0	27.9
Mar 2019	763	281	574	14186	15803	17073	32876	458	281	574	1313	14186	17073	32571	1500	1055	0	27.5
Apr 2019	772	261	517	14396	15945	17308	33254	463	261	517	1241	14396	17308	32945	1500	1059	0	27.5
May 2019	749	219	414	14277	15659	17648	33307	434	219	403	1056	14277	17648	32981	1500	967	0	28.7
Jun 2019	683	164	249	13114	14210	17926	32137	359	164	199	722	13114	17926	31763	1500	880	0	30.2
Jul 2019	451	28	141	11884	12505	18117	30622	110	18	34	162	11884	18117	30163	1500	839	0	30.3
								****CREDITABLE SPACE****										
Aug 2019	359	9	168	11796	12333	18124	30457	359	9	168	537	11796	18124	30457	1500	740	0	30.0
Sep 2019	385	46	220	12102	12753	17965	30718	385	46	220	651	12102	17965	30718	2270	747	0	29.6
Oct 2019	439	108	249	12251	13047	18017	31064	439	108	249	796	12251	18017	31064	3040	510	0	29.4
Nov 2019	488	136	243	12343	13209	17895	31104	488	136	243	866	12343	17895	31104	3810	670	0	29.2
Dec 2019	537	168	247	12458	13410	17924	31334	537	168	247	952	12458	17924	31334	4580	594	0	29.1
Jan 2020	603	255	258	12666	13782	17806	31588	603	255	258	1116	12666	17806	31588	5350	607	0	28.9
								****EFFECTIVE SPACE****										
Jan 2020	603	255	258	12666	13782	17806	31588	324	255	58	638	12666	17806	31110	5350	607	0	28.9
Feb 2020	664	302	271	13028	14265	17536	31800	384	302	70	756	13028	17536	31320	1500	663	0	28.7
Mar 2020	715	330	273	13295	14613	17408	32021	433	330	72	835	13295	17408	31538	1500	988	0	28.4

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3057

Processed On: 4/11/2018 9:20:48AM

May 24-Month Study
Date: May 10, 2018

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

Reservoir	April Inflow (unregulated) (acre-feet)	Percent of Average (%)	May 9, Midnight Elevation (feet)	May 9, Midnight Reservoir Storage (acre-feet)
Fontenelle	101,000	118	6,476.68	149,000
Flaming Gorge	121,000	91	6,026.03	3,198,000
Blue Mesa	48,000	62	7,478.33	494,000
Navajo	70,000	41	6,049.61	1,221,000
Powell	382,000	36	3,609.35	12,665,000

Expected Operations

The operation of Lake Powell and Lake Mead in this May 2018 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines), and reflects the 2018 Annual Operating Plan (AOP). Pursuant to the Interim Guidelines, the August 2017 24-Month Study projections of the January 1, 2018, system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2018.

Consistent with Section 6.B of the Interim Guidelines, the Lake Powell's operational tier in water year 2018 is the Upper Elevation Balancing Tier. With an 8.23 million acre-feet (maf) release from Lake Powell in water year 2018, the April 2018 24-Month Study projected the end of water year elevation at Lake Powell to be above 3,575 feet, and the end of water year elevation at Lake Mead to be below 1,075 feet. Therefore, in accordance with Section 6.B.4 of the Interim Guidelines, Lake Powell operations shifted to balancing releases for the remainder of water year 2018. Under Section 6.B.4, the contents of Lake Powell and Lake Mead will be balanced by the end of the water year, but not more than 9.0 maf and not less than 8.23 maf shall be released from Lake Powell. Based on the most probable inflow forecast, this May 24-Month Study projects a balancing release of 9.0 maf in water year 2018; however, the actual release in water year 2018 will depend on hydrology in the remainder of water year and will range from 8.23

to 9.0 maf. The projected release from Lake Powell in water year 2018 will be updated each month throughout the remainder of the water year.

Consistent with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar year 2018.

The Interim Guidelines are available for download at:
https://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The 2018 AOP is available for download at:
https://www.usbr.gov/lc/region/g4000/aop/AOP18.pdf

Fontenelle Reservoir – Fontenelle Reservoir is currently at elevation 6475 feet, which amounts to 41 percent of live storage capacity. Inflows for the month of April totaled 101,000 acre-feet (af), or 118 percent of average. Above average inflows are occurring and releases are being adjusted to keep the reservoir elevation low in anticipation of a large runoff. Releases are currently set at 2,400 cfs (05/08/2018).

The Colorado Basin River Forecast Center has forecasted spring and summer inflows that are above average. May, June and July forecasted inflow volumes amount to 235,000 af (144 percent of average), 350,000 af (117 percent of average), and 214,000 af (121 percent of average), respectively.

The next Fontenelle Working Group meeting is scheduled for 10:00 a.m., August 23, 2018. The meeting will be held at the Joint Powers Water Board in Green River, Wyoming. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir.

Flaming Gorge Reservoir – Releases are currently set at 1,700 cfs with fluctuations for hydropower. Releases will likely be increasing to power plant capacity (4,600 cfs) when the spring peak releases is initiated, likely in later May.

Unregulated inflow into Flaming Gorge Reservoir during the month of April was 121,000 af, or 90 percent of average. The reservoir elevation is 6025.93 feet (85 percent of live capacity) and increasing.

The May final forecast for inflows for the next three months projects average to above average conditions: May, June and July forecasted inflow volumes at 280,000 af (114 percent of average), 375,000 af (96 percent of average), and 224,000 af (107 percent of average), respectively.

The May water supply forecast of the April through July unregulated inflow volume into Flaming Gorge Reservoir is 1.0 maf (102 percent of average). Current snowpack is at 99 percent of median.

The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stakeholders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations and plans presented by Reclamation at these meetings. Meeting notes from past Working Group meetings are posted on the Working Group webpage. For more information on this group and these meetings please contact Dale Hamilton at 801-379-1186 or Jed Parker at 801-524-3816.

Reclamation will be holding the Flaming Gorge Working Group meeting on Tuesday, August 28, 2018 at 11:00 a.m. at the DWR Office, 318 North Vernal Avenue, Vernal, Utah.

Aspinall Unit Reservoirs – Releases from Crystal Dam are approximately 1,650 cfs. Uncompahgre Valley Water Users Association is diverting approximately 1,000 cfs through the Gunnison Tunnel and flows through the Black Canyon are approximately 650 cfs. Blue Mesa Reservoir elevation is 7578.71 feet which corresponds to a storage content 492,000 af (59 percent of capacity).

The April unregulated inflow to Blue Mesa Reservoir was 48,056 af (62 percent of average). Unregulated Inflows to Blue Mesa for the next three months (May, June and July) are projected to be: 124,000 af (56 percent of average), 130,000 af (50 percent of average) and 48,000 af (41 percent of average), respectively. For water year 2018, the unregulated inflow volume is forecasted to be 576,000 af (60 percent of average) with 350,000 af (52 percent of average) forecasted unregulated inflow during the April through July period. The April 24-Month Study is reflective of this new forecast.

The Aspinall Unit Working Group is an open public forum for information exchange between Reclamation and the stakeholders of the Aspinall Unit. The public is encouraged to attend and comments on the operations and plans presented by Reclamation at these meetings. Meeting notes from past working Group meetings are posted on the Working Group webpage. For more information on this group and these meetings please contact Erik Knight in the Grand Junction Area Office at (970) 248-0629.

Meeting notes from past working Group meetings are posted on the Working Group webpage at:

https://www.usbr.gov/uc/wcao/water/rsvrs/mtgs/amcurrnt.html

The next meeting of the Aspinall Unit Working Group will be held on Thursday, April 17th, 2018 at 1:00 pm at the at the Western Colorado Area Office located at 445 West Gunnison Avenue in Grand Junction, Colorado.

Navajo Reservoir – On May 3rd, the release is 650 cfs. The observed inflow is 980 cfs. The reservoir elevation is 6049.7 feet (1,221,400 af), and is 72 percent full (54 percent of active storage). The San Juan River at Four Corners USGS gage is at 790 cfs. The Animas River at Farmington USGS gage is at 260 cfs. Releases are made for the authorized purposes of the Navajo Unit, and pursuant to the 2006 Record of Decision, in an attempt to maintain a target base flow through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell). The San Juan River Basin Recovery Implementation Program (SJRIP) recommends a target base flow of between 500 cfs and 1,000 cfs through the critical habitat area. The target base flow is calculated as the weekly average of gaged flows throughout the critical habitat area.

Currently SNOTEL sites are showing an average of 3.4 inches of SWE above Navajo, which is 18 percent of the median for this time of year. The snowpack peaked at 11.1 inches on March 28th.

Preliminary modified unregulated inflow into Navajo in April was 70,194 af, which was 41 percent of average for the month. The most probable modified-unregulated inflow forecast for May at Navajo is 92,000 af (34 percent of average), for June is 23,000 af (10 percent of average), and for July is 15,000 af (23 percent of average).

The April-July runoff forecasts are as follows:
Min Prob: 147,000 af (20 percent of average, an increase of 2,000 af since the last forecast)
Most Prob: 200,000 af (27 percent of average, a decrease of 20,000 af since the last forecast)
Max Prob: 280,000 af (38 percent of average, a decrease of 45,000 af since the last forecast)

A short release of 2,000 cfs for 2 hours was requested by the NM Department of Game and Fish to aid in a habitat project in the tailwater reach below Navajo Dam. One of the purposes of this project is to curb sediment input entering the San Juan River in this area. Reclamation plans to comply with this request by ramping up beginning in the evening on June 5th, peaking at 2,000 cfs for two hours mid-day on June 6th, and ramping down by the afternoon of June 7th. Total release over base releases will total approximately 2300 af. Reclamation is coordinating with state and local agencies during this event for awareness and safety. Releases for the remainder of the runoff season will be made to maintain the minimum target baseflow in the critical habitat reach and will likely range from 300 to 700 cfs.

Reclamation conducts Public Operations Meetings three times per year to gather input for determining upcoming operations for Navajo Reservoir. Input from individuals, organizations, and agencies along with other factors such as weather, water rights, endangered species requirements, flood control, hydro power, recreation, fish and wildlife management, and reservoir levels, will be considered in the development of these

reservoir operation plans. In addition, the meetings are used to coordinate activities and exchange information among agencies, water users, and other interested parties concerning the San Juan River and Navajo Reservoir.

The next Navajo Public Operations Coordination Meeting is scheduled for Tuesday, August 21st 2018, at 1p.m. at the Farmington Civic Center, Farmington, NM.

Glen Canyon Dam / Lake Powell

Current Status

The Department of the Interior is conducting the first experimental flow at Glen Canyon Dam since implementing its Long-Term Experimental and Management Plan (LTEMP). The goal is to provide enhanced habitat for the lifecycle of aquatic insects that are the primary food source for fish in the Colorado River.

Experiments under LTEMP consist of four different flow regimes: high flows, bug flows, trout management flows, and low summer flows. Collaborative discussions among technical experts resulted in a decision to begin this first experiment on May 1 and continue through August 31, 2018. It will slightly modify the schedule and flow rates of water releases from Lake Powell through Glen Canyon Dam, Arizona. The normally scheduled monthly and weekly release volumes will not be affected.

Flows during the experiment will include steady weekend water releases with routine hydropower production flows on weekdays that include normal hourly changes in release rates. Those steady weekend flows are expected to provide favorable conditions for aquatic insects to lay and cement their eggs to rocks, vegetation, and other materials near the river's edge. Steady weekend flows will be relatively low, within four inches of typical weekday low water levels. It is unlikely casual recreational river users will notice the changes in water levels.

Insects expected to benefit from this experiment are an important food source for many species of fish, birds, and bats in the canyon. Beyond expected resource benefits, this experiment will also provide scientific information that will be used in future decision making.

The unregulated inflow volume to Lake Powell during April was 382 thousand acre-feet (kaf) (36 percent of average). The release volume from Glen Canyon Dam in April was 705 kaf. The end of April elevation and storage of Lake Powell were 3,609 ft (91 feet from full pool) and 12.7 maf (52 percent of full capacity), respectively. The reservoir is projected to decline each month this water year with some reprieve during the smaller than normal spring runoff period.

Current Operations

The operating tier for water year 2018 was established in August 2017 as the Upper Elevation Balancing Tier. The April 2018 24-Month Study established that Lake Powell operations will be governed by balancing for the remainder of water year 2018. Under

balancing, the contents of Lake Powell and Lake Mead will be balanced by the end of the water year, but not more than 9.0 maf and not less than 8.23 maf shall be released from Lake Powell. Based on the most probable inflow forecast, this May 24-Month Study projects a balancing release of 9.0 maf in water year 2018; the actual release in water year 2018, however, will depend on hydrology in the remainder of water year and will range from 8.23 to 9.0 maf. The projected release from Lake Powell in water year 2018 will be updated each month throughout the remainder of the water year. Reclamation will schedule operations at Glen Canyon Dam to achieve as practicably as possible the appropriate total annual release volume by September 30, 2018.

In May, the release volume will be approximately 705 kaf, with fluctuations anticipated between about 8,060 cfs in the nighttime to about 14,260 cfs in the daytime and consistent with the Glen Canyon Dam, Record of Decision (dated December 2016). The anticipated release volume for June is 760 kaf with daily fluctuations between approximately 8,850 cfs and 16,450 cfs. The expected release for July is 860 kaf with daily fluctuations between approximately 10,180 cfs and 18,180 cfs.

In addition to daily scheduled fluctuations for power generation, the instantaneous releases from Glen Canyon Dam may also fluctuate to provide 40 megawatts (mw) of system regulation. These instantaneous release adjustments stabilize the electrical generation and transmission system and translate to a range of about 1,200 cfs above or below the hourly scheduled release rate. Under system normal conditions, fluctuations for regulation are typically short lived and generally balance out over the hour with minimal or no noticeable impacts on downstream river flow conditions.

Releases from Glen Canyon Dam can also fluctuate beyond scheduled releases when called upon to respond to unscheduled power outages or power system emergencies. Depending on the severity of the system emergency, the response from Glen Canyon Dam can be significant, within the full range of the operating capacity of the power plant for as long as is necessary to maintain balance in the transmission system. Glen Canyon Dam currently maintains 27 mw (approximately 800 cfs) of generation capacity in reserve in order to respond to a system emergency even when generation rates are already high. System emergencies occur fairly infrequently and typically require small responses from Glen Canyon Dam. However, these responses can have a noticeable impact on the river downstream of Glen Canyon Dam.

Inflow Forecasts and Model Projections

The April to July 2018 water supply forecast for unregulated inflow to Lake Powell, issued on May 2, 2018, by the Colorado Basin River Forecast Center, projects that the most probable (median) unregulated inflow volume will be 3.0 maf (42 percent of average based on the period 1981-2010). The forecast decreased by 100 kaf since last month. At this point in the season, there is still uncertainty regarding this year's water supply and the total inflow to Lake Powell. The spring runoff forecast ranges from a minimum probable of 2.1 maf (29 percent of average) to a maximum probable of 4.2 maf (58 percent of average). There is 10% chance that inflows could be higher than the maximum probable and a 10% chance they could be lower than the minimum probable.

As determined in the August 2017 24-Month Study, and documented in the 2018 Annual Operating Plan, Lake Powell's operations in water year 2018 will be governed by the Upper Elevation Balancing Tier. Starting with an 8.23 million acre-feet (maf) release from Lake Powell in water year 2018, the April 2018 24-Month Study projected the end of water year elevation at Lake Powell to be above 3,575 feet and the end of water year elevation at Lake Mead to be below 1,075 feet. Therefore, in accordance with Section 6.B.4 of the Interim Guidelines, Lake Powell operations shifted to balancing releases for the remainder of water year 2018. Under balancing, the contents of Lake Powell and Lake Mead will be balanced by the end of the water year, but not more than 9.0 maf and not less than 8.23 maf shall be released from Lake Powell.

Based on the May most probable inflow forecast, the annual release volume from Lake Powell during water year 2018 is projected to be 9.0 maf. Under the minimum probable inflow scenario, the water year release is projected to be 9.0 maf. Under the maximum probable inflow scenario, the release is projected to be 9.0 maf. There is 10% chance that inflows will be lower than the current minimum probable forecast, potentially resulting in lower releases. If inflows are less than the minimum probable forecast, the water year 2018 annual release could be as low as 8.23 maf. If inflows are greater than the current forecasted maximum probable inflow, the annual release will be 9.0 maf. The projected release from Lake Powell in water year 2018 will be updated each month throughout the remainder of the water year.

Based on the current forecast, the May 24-Month Study projects Lake Powell elevation will end water year 2018 near 3,598 feet with approximately 11.59 maf in storage (48 percent capacity). Projections of elevation and storage still have significant uncertainty at this point in the season, primarily due to uncertainty regarding spring runoff and the resulting inflow to Lake Powell. Under the minimum probable inflow scenario, updated in April, the projected end of water year elevation and storage are 3,589 feet and 10.7 maf (44 percent capacity), respectively. Under the maximum probable inflow scenario, updated in April, the projected end of water year elevation and storage are 3616 feet and 13.3 maf (55 percent capacity), respectively. Modeling of projected reservoir operations based on the minimum and maximum scenarios will be updated again in August.

Upper Colorado River Basin Hydrology

The Upper Colorado River Basin regularly experiences significant year to year hydrologic variability. During the 18-year period 2000 to 2017, however, the unregulated inflow to Lake Powell, which is a good measure of hydrologic conditions in the Colorado River Basin, was above average in only 4 out of the past 18 years. The period 2000-2017 is the lowest 18-year period since the closure of Glen Canyon Dam in 1963, with an average unregulated inflow of 8.76 maf, or 81percent of the 30-year average (1981-2010). (For comparison, the 1981-2010 total water year average is 10.83 maf.) The unregulated inflow during the 2000-2017 period has ranged from a low of 2.64 maf (24 percent of average) in water year 2002 to a high of 15.97 maf (147 percent of average) in water year 2011. In water year 2017 unregulated inflow volume to Lake Powell was 11.9 maf (110 percent of average), the fourth year to be above average.

Under the current most probable forecast, the total water year 2018 unregulated inflow to Lake Powell is projected to be 5.6 maf (52 percent of average).

At the beginning of water year 2018, total system storage in the Colorado River Basin was 32.9 maf (55 percent of 59.6 maf total system capacity). This is an increase of 2.7 maf over the total storage at the beginning of water year 2017 when total system storage was 30.2 maf (51 percent of capacity). Since the beginning of water year 2000, total Colorado Basin storage has experienced year to year increases and decreases in response to wet and dry hydrology, ranging from a high of 94 percent of capacity at the beginning of 2000 to a low of 50 percent of capacity at the beginning of water year 2005. One wet year can significantly increase total system reservoir storage, just as persistent dry years can draw down the system storage. Based on current inflow forecasts, the current projected end of water year total Colorado Basin reservoir storage for water year 2018 is approximately 29.0 maf (49 percent of total system capacity). The actual end of water year 2018 system storage may vary from this projection, primarily due to uncertainty regarding this season's runoff and reservoir inflow. Based on the April minimum and maximum probable inflow forecasts and modeling, the range of end of water year 2018 total system capacity is approximately 27.8 maf (47 percent of capacity) to 31.0 maf (52 percent of capacity), respectively.

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-430
125 SOUTH STATE STREET, ROOM 8100
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-3709

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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:	Obs			apr	Forecast		Outlook		
:	jan	feb	mar	apr	%Avg	may	jun	jul	apr-jul	%Avg
GLDA3:Lake Powell	262	269	332	382	36%:	1000/	1100/	518/	3000/:	42%
GBRW4:Fontenelle	42	38	58	101	118%:	235/	350/	214/	900/:	124%
GRNU1:Flaming Gorge	52	57	86	121	91%:	280/	375/	224/	1000/:	102%
BMDC2:Blue Mesa	20	23	28	48	62%:	124/	130/	48/	350/:	52%
MPSC2:Morrow Point	22	24	29	54	61%:	137/	135/	49/	375/:	51%
CLSC2:Crystal	25	27	33	60	60%:	152/	151/	52/	415/:	50%
TPIC2:Taylor Park	4.2	3.8	4.6	8.5	97%:	23/	25/	10/	66/:	67%
VCRC2:Vallecito	2.7	2.9	3.9	14.9	64%:	25/	13/	7/	60/:	31%
NVRN5:Navajo	12.2	14.6	24	70	41%:	92/	23/	15/	200/:	27%
LEMC2:Lemon	0.40	0.38	0.61	3.1	55%:	5/	3/	1/	12/:	22%
MPHC2:McPhee	1.68	2.1	2.9	9.2	13%:	30/	12/	5/	56/:	19%
RBSC2:Ridgway	3.4	3.1	3.4	5.3	49%:	12/	15/	8/	40/:	40%

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2018 24-Month Study

Most Probable Inflow*

Fontenelle Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	May 2017	430	1	54	373	427	6472.55	129
H	Jun 2017	732	2	74	469	543	6502.49	317
I	Jul 2017	332	3	88	230	319	6503.83	328
S	Aug 2017	102	2	95	61	156	6496.34	271
T	Sep 2017	66	2	69	4	72	6495.21	263
	WY 2017	**2319**	**15**	**379**	**1890**	**2270**		
O	Oct 2017	73	1	80	0	80	6494.03	255
R	Nov 2017	62	1	78	0	78	6491.65	238
I	Dec 2017	46	1	72	8	80	6486.39	204
C	Jan 2018	42	1	79	1	80	6479.83	165
A	Feb 2018	38	0	72	0	72	6472.86	131
L	Mar 2018	58	0	16	56	71	6469.78	117
*	Apr 2018	101	1	83	4	87	6472.76	130
	May 2018	235	1	101	54	154	6487.30	211
	Jun 2018	350	2	105	130	235	6503.15	323
	Jul 2018	214	3	99	90	189	6505.95	345
	Aug 2018	80	2	85	0	85	6505.04	338
	Sep 2018	47	2	71	0	71	6501.76	312
	WY 2018	**1347**	**15**	**940**	**344**	**1283**		
	Oct 2018	49	1	73	0	73	6498.45	287
	Nov 2018	42	1	71	0	71	6494.42	258
	Dec 2018	32	1	73	0	73	6488.19	216
	Jan 2019	30	1	73	0	73	6481.09	173
	Feb 2019	28	1	66	0	66	6473.37	134
	Mar 2019	53	0	73	0	73	6468.53	113
	Apr 2019	85	1	74	0	74	6471.12	124
	May 2019	164	1	99	11	110	6481.77	177
	Jun 2019	299	2	102	78	181	6499.25	293
	Jul 2019	178	3	101	24	125	6505.68	343
	Aug 2019	77	2	85	0	85	6504.32	332
	Sep 2019	46	2	77	0	77	6500.11	300
	WY 2019	**1083**	**15**	**967**	**113**	**1080**		
	Oct 2019	49	1	73	0	73	6496.60	274
	Nov 2019	42	1	68	0	68	6492.87	247
	Dec 2019	32	1	70	0	70	6487.01	209
	Jan 2020	30	1	70	0	70	6480.27	168
	Feb 2020	28	0	66	0	66	6472.46	130
	Mar 2020	53	0	70	0	70	6468.27	112
	Apr 2020	85	1	68	0	68	6472.25	129

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2018 24-Month Study

Most Probable Inflow*

Flaming Gorge Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	May 2017	582	580	8	278	171	449	129	6026.15	3203	857
H	Jun 2017	895	705	11	263	223	486	137	6031.41	3404	859
I	Jul 2017	387	374	14	180	48	228	142	6034.61	3531	315
S	Aug 2017	120	174	13	143	0	143	143	6035.05	3548	173
T	Sep 2017	87	93	11	141	0	141	140	6033.63	3491	161
	WY 2017	**3153**	**3104**	**81**	**2016**	**712**	**2728**				**4225**
O	Oct 2017	88	95	8	107	0	107	140	6033.17	3473	151
R	Nov 2017	82	98	4	139	0	139	138	6032.07	3430	166
I	Dec 2017	52	86	2	174	0	174	135	6029.85	3343	197
C	Jan 2018	52	90	2	175	0	175	131	6027.65	3259	208
A	Feb 2018	57	91	2	155	1	157	129	6025.91	3194	197
L	Mar 2018	86	99	3	106	0	106	128	6025.65	3184	178
*	Apr 2018	121	108	5	101	0	101	128	6025.69	3186	277
	May 2018	280	199	8	141	0	141	130	6026.99	3234	511
	Jun 2018	375	260	10	170	0	170	133	6029.02	3311	520
	Jul 2018	224	199	14	108	0	108	136	6030.95	3386	160
	Aug 2018	90	95	13	108	0	108	135	6030.32	3361	124
	Sep 2018	56	80	11	104	0	104	134	6029.43	3327	114
	WY 2018	**1563**	**1499**	**81**	**1588**	**1**	**1589**				**2801**
	Oct 2018	60	83	7	108	0	108	133	6028.64	3297	130
	Nov 2018	51	80	3	104	0	104	132	6027.94	3270	131
	Dec 2018	35	76	2	108	0	108	130	6027.09	3238	133
	Jan 2019	40	83	2	108	0	108	129	6026.42	3213	133
	Feb 2019	45	83	2	97	0	97	129	6026.00	3197	125
	Mar 2019	102	123	3	108	0	108	129	6026.32	3209	184
	Apr 2019	134	122	5	104	0	104	130	6026.65	3222	319
	May 2019	245	191	8	170	0	170	130	6026.99	3234	702
	Jun 2019	390	271	10	141	0	141	135	6030.01	3349	561
	Jul 2019	210	158	14	100	0	100	136	6031.10	3392	200
	Aug 2019	89	97	13	100	0	100	136	6030.71	3377	125
	Sep 2019	55	86	11	97	0	97	135	6030.16	3355	116
	WY 2019	**1455**	**1453**	**80**	**1343**	**0**	**1343**				**2859**
	Oct 2019	59	84	7	100	0	100	134	6029.57	3332	132
	Nov 2019	51	77	3	97	0	97	133	6028.99	3310	128
	Dec 2019	35	73	2	100	0	100	132	6028.26	3282	125
	Jan 2020	40	80	2	100	0	100	131	6027.72	3262	125
	Feb 2020	45	82	2	93	0	93	131	6027.38	3249	121
	Mar 2020	102	120	3	100	0	100	131	6027.81	3265	177
	Apr 2020	134	116	5	164	0	164	129	6026.46	3214	379

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2018 24-Month Study

Most Probable Inflow*

Taylor Park Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	May 2017	30	19	9318.55	84
H	Jun 2017	62	45	9327.76	102
I	Jul 2017	24	26	9326.95	100
S	Aug 2017	12	25	9320.31	88
T	Sep 2017	8	18	9314.58	77
	WY 2017	**179**	**173**		
O	Oct 2017	8	8	9314.93	78
R	Nov 2017	6	6	9315.09	78
I	Dec 2017	4	6	9313.84	76
C	Jan 2018	4	6	9312.64	74
A	Feb 2018	4	6	9311.50	72
L	Mar 2018	5	6	9310.51	71
*	Apr 2018	8	7	9311.18	72
	May 2018	23	10	9318.91	85
	Jun 2018	25	15	9324.36	95
	Jul 2018	10	18	9319.83	87
	Aug 2018	7	15	9315.08	78
	Sep 2018	6	14	9309.93	70
	WY 2018	**110**	**118**		
	Oct 2018	6	6	9309.73	69
	Nov 2018	5	5	9309.85	70
	Dec 2018	5	5	9309.81	70
	Jan 2019	4	5	9309.55	69
	Feb 2019	4	4	9309.24	69
	Mar 2019	4	5	9309.04	68
	Apr 2019	9	10	9308.24	67
	May 2019	28	16	9316.04	80
	Jun 2019	42	21	9327.22	101
	Jul 2019	20	24	9325.50	97
	Aug 2019	10	20	9320.62	88
	Sep 2019	7	15	9316.35	80
	WY 2019	**144**	**134**		
	Oct 2019	7	7	9316.15	80
	Nov 2019	5	5	9316.18	80
	Dec 2019	5	5	9315.88	80
	Jan 2020	4	5	9315.39	79
	Feb 2020	4	5	9314.74	78
	Mar 2020	4	8	9312.62	74
	Apr 2020	9	8	9313.08	75

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2018 24-Month Study

Most Probable Inflow*

Blue Mesa Reservoir

	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	May 2017	244	233	1	151	65	293	7491.98	597
H	Jun 2017	392	373	1	139	35	175	7515.35	793
I	Jul 2017	135	137	2	113	0	110	7518.20	819
S	Aug 2017	84	96	1	111	0	111	7516.38	802
T	Sep 2017	35	45	1	115	0	114	7508.43	732
	WY 2017	**1245**	**1238**	**9**	**987**	**101**	**1163**		
O	Oct 2017	37	37	1	102	0	102	7500.64	667
R	Nov 2017	32	32	0	40	0	40	7499.68	659
I	Dec 2017	25	27	0	93	0	93	7491.44	593
C	Jan 2018	20	22	0	60	0	60	7486.51	554
A	Feb 2018	23	25	0	32	0	32	7485.54	547
L	Mar 2018	28	29	0	43	0	43	7483.73	534
*	Apr 2018	48	47	1	82	0	82	7478.94	498
	May 2018	124	111	1	76	0	76	7483.60	533
	Jun 2018	130	120	1	74	0	74	7489.44	577
	Jul 2018	48	56	1	79	0	79	7486.32	553
	Aug 2018	33	41	1	79	0	79	7481.15	514
	Sep 2018	28	36	1	69	0	69	7476.48	481
	WY 2018	**576**	**584**	**8**	**828**	**0**	**828**		
	Oct 2018	32	32	0	40	0	40	7475.20	472
	Nov 2018	28	28	0	14	0	14	7477.17	486
	Dec 2018	26	26	0	15	0	15	7478.67	496
	Jan 2019	24	25	0	15	0	15	7480.05	506
	Feb 2019	22	23	0	13	0	13	7481.37	516
	Mar 2019	36	36	0	16	0	16	7484.04	536
	Apr 2019	77	78	1	36	0	36	7489.50	577
	May 2019	221	208	1	152	0	152	7496.48	633
	Jun 2019	261	240	1	91	0	91	7513.96	781
	Jul 2019	117	120	2	99	0	99	7516.14	800
	Aug 2019	63	73	1	108	0	108	7512.00	763
	Sep 2019	38	46	1	107	0	107	7504.73	701
	WY 2019	**946**	**935**	**9**	**707**	**0**	**707**		
	Oct 2019	38	39	1	66	0	66	7501.42	673
	Nov 2019	31	31	0	56	0	56	7498.34	648
	Dec 2019	26	26	0	95	0	95	7489.71	579
	Jan 2020	24	25	0	77	0	77	7482.86	527
	Feb 2020	22	23	0	51	0	51	7479.07	499
	Mar 2020	36	40	0	27	0	27	7480.75	511
	Apr 2020	77	76	1	48	0	48	7484.49	539

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2018 24-Month Study

Most Probable Inflow*

Morrow Point Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	May 2017	263	293	19	312	203	0	312	7149.70	109
H	Jun 2017	411	175	19	195	184	0	193	7151.34	110
I	Jul 2017	139	110	4	114	37	0	111	7155.13	113
S	Aug 2017	86	111	2	113	0	0	115	7152.68	111
T	Sep 2017	35	114	0	115	92	0	112	7155.62	114
	WY 2017	**1314**	**1163**	**69**	**1232**	**893**	**0**	**1226**		
O	Oct 2017	38	102	1	103	105	0	105	7153.17	112
R	Nov 2017	34	40	1	41	42	0	42	7152.45	111
I	Dec 2017	26	93	1	94	94	0	94	7152.45	111
C	Jan 2018	22	60	2	62	62	0	63	7150.65	110
A	Feb 2018	24	32	1	33	34	0	34	7149.19	108
L	Mar 2018	29	43	1	44	49	0	49	7143.05	104
*	Apr 2018	54	82	6	87	79	0	79	7154.30	112
	May 2018	137	76	13	89	89	0	89	7153.73	112
	Jun 2018	135	74	5	79	79	0	79	7153.73	112
	Jul 2018	49	79	1	80	80	0	80	7153.73	112
	Aug 2018	36	79	3	82	82	0	82	7153.73	112
	Sep 2018	31	69	3	72	72	0	72	7153.73	112
	WY 2018	**615**	**828**	**39**	**866**	**866**	**0**	**868**		
	Oct 2018	34	40	3	43	43	0	43	7153.73	112
	Nov 2018	31	14	2	16	16	0	16	7153.73	112
	Dec 2018	28	15	2	17	17	0	17	7153.73	112
	Jan 2019	27	15	2	17	17	0	17	7153.73	112
	Feb 2019	25	13	3	16	16	0	16	7153.73	112
	Mar 2019	40	16	4	20	20	0	20	7153.73	112
	Apr 2019	88	36	11	47	47	0	47	7153.73	112
	May 2019	247	152	26	178	178	0	178	7153.73	112
	Jun 2019	281	91	20	111	111	0	111	7153.73	112
	Jul 2019	123	99	6	105	105	0	105	7153.73	112
	Aug 2019	67	108	3	112	112	0	112	7153.73	112
	Sep 2019	41	107	3	110	110	0	110	7153.73	112
	WY 2019	**1031**	**707**	**85**	**792**	**792**	**0**	**792**		
	Oct 2019	41	66	3	68	68	0	68	7153.73	112
	Nov 2019	33	56	2	58	58	0	58	7153.73	112
	Dec 2019	28	95	2	97	97	0	97	7153.73	112
	Jan 2020	27	77	2	79	79	0	79	7153.73	112
	Feb 2020	25	51	3	54	54	0	54	7153.73	112
	Mar 2020	40	27	4	31	31	0	31	7153.73	112
	Apr 2020	88	48	11	59	59	0	59	7153.73	112

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2018 24-Month Study

Most Probable Inflow*

Crystal Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
*	May 2017	285	312	22	334	86	73	331	6759.83	19	62	270
H	Jun 2017	446	193	36	229	44	127	231	6751.78	17	61	172
I	Jul 2017	148	111	8	119	96	25	121	6746.24	15	63	60
S	Aug 2017	89	115	3	119	119	0	119	6744.79	15	62	58
T	Sep 2017	39	112	4	116	115	0	115	6748.63	16	59	56
	WY 2017	**1423**	**1226**	**109**	**1335**	**751**	**350**	**1334**			**413**	**929**
O	Oct 2017	43	105	5	110	109	0	109	6751.20	16	55	53
R	Nov 2017	38	42	4	46	46	0	46	6749.89	16	1	46
I	Dec 2017	29	94	3	97	97	0	97	6749.23	16	1	98
C	Jan 2018	25	63	3	66	62	4	66	6747.99	16	1	65
A	Feb 2018	27	34	3	37	16	20	36	6750.06	16	0	35
L	Mar 2018	33	49	4	52	53	0	53	6747.97	16	13	38
*	Apr 2018	60	79	6	84	84	0	84	6749.35	16	53	28
	May 2018	152	89	15	104	103	0	103	6753.04	17	62	41
	Jun 2018	151	79	16	95	95	0	95	6753.04	17	61	34
	Jul 2018	52	80	3	83	83	0	83	6753.04	17	63	20
	Aug 2018	37	82	1	83	83	0	83	6753.04	17	65	18
	Sep 2018	36	72	5	77	77	0	77	6753.04	17	55	22
	WY 2018	**682**	**868**	**68**	**935**	**909**	**25**	**934**			**430**	**499**
	Oct 2018	40	43	5	49	49	0	49	6753.04	17	30	19
	Nov 2018	35	16	5	21	21	0	21	6753.04	17	0	21
	Dec 2018	32	17	5	22	22	0	22	6753.04	17	0	22
	Jan 2019	31	17	5	22	22	0	22	6753.04	17	0	22
	Feb 2019	29	16	4	19	19	0	19	6753.04	17	0	19
	Mar 2019	46	20	6	26	26	0	26	6753.04	17	5	21
	Apr 2019	101	47	12	60	60	0	60	6753.04	17	42	18
	May 2019	281	178	34	212	134	78	212	6753.04	17	62	150
	Jun 2019	315	111	34	145	130	15	145	6753.04	17	61	84
	Jul 2019	138	105	14	120	120	0	120	6753.04	17	65	55
	Aug 2019	75	112	8	120	120	0	120	6753.04	17	65	55
	Sep 2019	47	110	6	116	116	0	116	6753.04	17	55	61
	WY 2019	**1170**	**792**	**139**	**931**	**838**	**93**	**931**			**385**	**546**
	Oct 2019	47	68	6	74	74	0	74	6753.04	17	30	44
	Nov 2019	38	58	5	63	63	0	63	6753.04	17	0	63
	Dec 2019	32	97	5	101	101	0	101	6753.04	17	0	101
	Jan 2020	31	79	5	84	84	0	84	6753.04	17	0	84
	Feb 2020	29	54	4	58	58	0	58	6753.04	17	0	58
	Mar 2020	46	31	6	37	37	0	37	6753.04	17	5	32
	Apr 2020	101	59	12	71	71	0	71	6753.04	17	42	29

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2018 24-Month Study

Most Probable Inflow*

Vallecito Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	May 2017	67	44	7658.86	109
H	Jun 2017	72	57	7664.54	124
I	Jul 2017	30	39	7660.94	115
S	Aug 2017	19	33	7655.15	100
T	Sep 2017	9	34	7644.31	74
	WY 2017	**303**	**297**		
O	Oct 2017	9	22	7638.22	61
R	Nov 2017	5	2	7639.49	63
I	Dec 2017	3	1	7640.27	65
C	Jan 2018	3	0	7641.42	67
A	Feb 2018	3	0	7642.57	70
L	Mar 2018	4	0	7644.11	73
*	Apr 2018	15	3	7649.29	85
	May 2018	25	23	7649.92	87
	Jun 2018	13	30	7642.50	70
	Jul 2018	7	29	7631.48	47
	Aug 2018	8	26	7619.66	29
	Sep 2018	8	21	7608.10	16
	WY 2018	**102**	**158**		
	Oct 2018	10	12	7605.48	13
	Nov 2018	7	2	7611.18	19
	Dec 2018	6	2	7615.21	23
	Jan 2019	5	2	7618.08	27
	Feb 2019	5	2	7620.38	30
	Mar 2019	9	2	7624.92	36
	Apr 2019	23	2	7636.76	58
	May 2019	71	31	7654.32	98
	Jun 2019	70	44	7664.27	123
	Jul 2019	29	42	7659.17	110
	Aug 2019	20	38	7651.85	91
	Sep 2019	17	30	7646.61	79
	WY 2019	**274**	**207**		
	Oct 2019	16	17	7645.84	77
	Nov 2019	9	2	7648.79	84
	Dec 2019	6	2	7650.63	88
	Jan 2020	5	2	7652.06	92
	Feb 2020	5	2	7653.24	95
	Mar 2020	9	2	7655.86	101
	Apr 2020	23	2	7663.96	123

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Managing Water in the West

May 2018 24-Month Study

Most Probable Inflow*

Navajo Reservoir

	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azetea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Farmington Flow (1000 Ac-Ft)
*	May 2017	261	45	195	4	25	228	6073.94	1536	323
H	Jun 2017	231	46	166	5	40	259	6063.90	1398	449
I	Jul 2017	49	11	48	4	43	38	6061.00	1361	88
S	Aug 2017	30	5	38	4	35	36	6058.07	1323	55
T	Sep 2017	9	2	33	3	23	42	6055.28	1289	48
	WY 2017	**1157**	**160**	**991**	**28**	**198**	**785**			**1410**
O	Oct 2017	38	2	49	2	8	32	6055.89	1296	52
R	Nov 2017	19	0	16	1	0	25	6055.04	1286	41
I	Dec 2017	10	0	9	1	0	24	6053.69	1270	40
C	Jan 2018	12	0	9	1	0	23	6052.47	1255	40
A	Feb 2018	14	0	11	1	1	18	6051.73	1246	33
L	Mar 2018	24	2	19	2	6	21	6050.92	1236	30
*	Apr 2018	70	13	46	2	20	38	6049.73	1222	42
	May 2018	92	7	83	3	36	24	6051.45	1243	69
	Jun 2018	23	3	37	4	51	26	6047.68	1199	65
	Jul 2018	15	0	37	4	56	45	6041.63	1131	60
	Aug 2018	29	0	47	3	47	45	6037.19	1083	60
	Sep 2018	29	0	42	2	26	38	6034.87	1058	51
	WY 2018	**375**	**27**	**405**	**25**	**251**	**360**			**585**
	Oct 2018	37	0	39	1	9	26	6035.06	1060	43
	Nov 2018	30	0	24	1	0	21	6035.33	1063	35
	Dec 2018	25	0	21	1	0	22	6035.19	1062	37
	Jan 2019	22	0	18	1	0	22	6034.84	1058	35
	Feb 2019	30	0	27	1	0	19	6035.50	1065	32
	Mar 2019	92	0	86	1	5	22	6040.88	1122	44
	Apr 2019	170	2	147	2	21	21	6049.97	1225	73
	May 2019	277	7	230	3	36	23	6063.53	1393	169
	Jun 2019	224	3	194	4	52	30	6071.50	1501	181
	Jul 2019	66	0	79	5	57	34	6070.33	1485	101
	Aug 2019	45	0	63	4	48	55	6067.18	1442	93
	Sep 2019	43	0	55	3	26	55	6065.05	1413	87
	WY 2019	**1061**	**12**	**983**	**27**	**254**	**348**			**931**
	Oct 2019	47	0	48	2	10	47	6064.29	1403	75
	Nov 2019	34	0	27	1	0	34	6063.69	1395	52
	Dec 2019	25	0	21	1	0	25	6063.29	1390	40
	Jan 2020	22	0	18	1	0	22	6062.97	1386	36
	Feb 2020	30	0	27	1	0	30	6062.66	1382	43
	Mar 2020	92	0	86	2	6	92	6061.58	1368	114
	Apr 2020	170	2	146	2	22	170	6057.79	1320	223

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2018 24-Month Study

Most Probable Inflow*

Lake Powell

	Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry Gage (1000 Ac-Ft)
*	May 2017	2377	2321	29	652	0	652	3619.09	5147	13667	658
H	Jun 2017	3115	2680	51	749	0	749	3634.89	5286	15408	763
I	Jul 2017	1073	889	64	850	0	850	3634.69	5284	15385	875
S	Aug 2017	446	495	63	900	0	900	3630.88	5250	14952	929
T	Sep 2017	196	410	57	663	0	663	3628.31	5227	14664	671
	WY 2017	**11905**	**11396**	**409**	**8874**	**126**	**9000**				**9152**
O	Oct 2017	449	533	39	640	0	640	3627.09	5216	14530	634
R	Nov 2017	387	454	37	630	0	630	3625.29	5200	14332	619
I	Dec 2017	299	483	29	740	0	740	3622.85	5179	14068	733
C	Jan 2018	262	442	9	860	0	860	3619.14	5147	13672	860
A	Feb 2018	269	387	10	730	0	730	3616.02	5121	13346	748
L	Mar 2018	332	395	16	800	0	800	3612.23	5090	12956	834
*	Apr 2018	382	419	25	705	0	705	3609.39	5067	12669	738
	May 2018	1000	787	29	705	0	705	3609.88	5071	12718	711
	Jun 2018	1100	896	45	760	0	760	3610.71	5078	12802	768
	Jul 2018	518	519	53	860	0	860	3607.06	5049	12436	879
	Aug 2018	250	377	52	900	0	900	3601.61	5006	11904	918
	Sep 2018	250	374	46	670	0	670	3598.28	4981	11587	681
	WY 2018	**5497**	**6066**	**390**	**9000**	**0**	**9000**				**9122**
	Oct 2018	380	436	32	640	0	640	3595.96	4963	11369	646
	Nov 2018	412	441	30	640	0	640	3593.68	4946	11157	640
	Dec 2018	363	421	24	720	0	720	3590.41	4922	10858	725
	Jan 2019	361	418	7	860	0	860	3585.77	4889	10442	871
	Feb 2019	393	426	7	750	0	750	3582.26	4864	10135	754
	Mar 2019	665	585	12	800	0	800	3579.82	4848	9924	805
	Apr 2019	1056	858	20	710	0	710	3581.21	4857	10044	718
	May 2019	2343	1987	25	710	0	710	3594.18	4950	11203	716
	Jun 2019	2666	2108	42	750	0	750	3606.91	5047	12422	758
	Jul 2019	1091	987	53	850	0	850	3607.70	5054	12500	869
	Aug 2019	500	613	52	900	0	900	3604.52	5029	12186	918
	Sep 2019	408	557	48	670	0	670	3602.99	5017	12037	681
	WY 2019	**10637**	**9838**	**352**	**9000**	**0**	**9000**				**9100**
	Oct 2019	512	590	33	640	0	640	3602.20	5011	11961	646
	Nov 2019	473	544	32	640	0	640	3600.97	5001	11842	640
	Dec 2019	363	497	25	720	0	720	3598.55	4983	11612	725
	Jan 2020	361	473	8	860	0	860	3594.66	4953	11248	871
	Feb 2020	393	471	8	750	0	750	3591.77	4932	10982	754
	Mar 2020	665	660	13	800	0	800	3590.21	4921	10839	805
	Apr 2020	1056	1081	22	710	0	710	3593.74	4947	11162	718

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2018 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Glen Release (1000 Ac-Ft)	Side Inflow Glen to Hoover (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	May 2017	652	39	44	917	14.9	29	915	659	1081.56	10141
H	Jun 2017	749	17	53	864	14.5	29	864	648	1079.52	9971
I	Jul 2017	850	89	66	885	14.4	31	885	646	1079.03	9931
S	Aug 2017	900	94	70	683	11.1	28	683	658	1081.44	10131
T	Sep 2017	663	70	58	600	10.1	21	591	662	1082.05	10182
	WY 2017	**9000**	**995**	**541**	**8620**		**236**	**8591**			
O	Oct 2017	640	44	43	596	9.7	23	595	663	1082.30	10202
R	Nov 2017	630	40	42	731	12.3	16	731	656	1080.95	10090
I	Dec 2017	740	43	37	594	9.7	12	593	664	1082.52	10221
C	Jan 2018	860	78	30	449	7.3	10	448	692	1087.50	10642
A	Feb 2018	730	60	28	687	12.4	10	693	696	1088.21	10703
L	Mar 2018	800	70	32	833	13.5	14	832	695	1088.11	10694
*	Apr 2018	705	44	39	1015	17.1	22	1015	675	1084.49	10387
	May 2018	705	31	44	1030	16.8	27	1030	653	1080.39	10043
	Jun 2018	760	12	53	934	15.7	33	934	638	1077.56	9810
	Jul 2018	860	81	66	848	13.8	36	848	637	1077.46	9802
	Aug 2018	900	112	70	752	12.2	34	752	647	1079.23	9947
	Sep 2018	670	105	58	775	13.0	27	775	641	1078.27	9868
	WY 2018	**9000**	**720**	**541**	**9246**		**266**	**9248**			
	Oct 2018	640	69	42	577	9.4	28	577	645	1078.98	9926
	Nov 2018	640	61	42	730	12.3	21	730	640	1077.93	9840
	Dec 2018	720	50	36	658	10.7	14	658	643	1078.63	9897
	Jan 2019	860	78	30	619	10.1	12	619	660	1081.77	10158
	Feb 2019	750	93	28	685	12.3	14	685	667	1083.07	10267
	Mar 2019	800	56	31	1055	17.2	21	1055	652	1080.25	10032
	Apr 2019	710	48	38	1059	17.8	23	1059	630	1076.12	9692
	May 2019	710	31	43	967	15.7	27	967	612	1072.69	9414
	Jun 2019	750	12	51	907	15.2	33	907	598	1069.99	9198
	Jul 2019	850	81	64	826	13.4	36	826	598	1070.06	9204
	Aug 2019	900	112	68	740	12.0	34	740	609	1072.05	9363
	Sep 2019	670	105	56	734	12.3	27	734	606	1071.57	9324
	WY 2019	**9000**	**796**	**528**	**9555**		**291**	**9555**			
	Oct 2019	640	69	41	510	8.3	28	510	614	1073.09	9446
	Nov 2019	640	61	41	670	11.3	21	670	612	1072.73	9417
	Dec 2019	720	50	35	594	9.7	14	594	620	1074.20	9536
	Jan 2020	860	78	29	607	9.9	14	607	637	1077.52	9806
	Feb 2020	750	93	27	663	11.5	17	663	646	1079.07	9934
	Mar 2020	800	56	30	988	16.1	22	988	635	1076.97	9762
	Apr 2020	710	48	37	997	16.8	25	997	616	1073.48	9478

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2018 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	May 2017	917	-13	22	846	0	846	13.8	643.74	1719
H	Jun 2017	864	-6	25	853	0	853	14.3	643.01	1699
I	Jul 2017	885	-5	26	809	0	809	13.2	644.65	1744
S	Aug 2017	683	-8	23	707	0	707	11.5	642.64	1689
T	Sep 2017	600	-11	18	656	0	656	11.0	639.47	1603
	WY 2017	**8620**	**-183**	**199**	**8261**	**0**	**8261**			
O	Oct 2017	596	-2	15	671	0	671	10.9	636.00	1512
R	Nov 2017	731	-18	11	595	0	595	10.0	640.07	1619
I	Dec 2017	594	-16	9	552	0	552	9.0	640.68	1636
C	Jan 2018	449	2	10	437	0	437	7.1	640.86	1641
A	Feb 2018	687	-4	10	611	0	611	11.0	643.18	1704
L	Mar 2018	833	-1	13	836	0	836	13.6	642.57	1687
*	Apr 2018	1015	-3	17	1001	0	1001	16.8	642.40	1682
	May 2018	1030	-12	22	979	0	979	15.9	643.00	1699
	Jun 2018	934	-15	25	893	0	893	15.0	643.00	1699
	Jul 2018	848	-15	25	835	0	835	13.6	642.00	1671
	Aug 2018	752	-12	23	718	0	718	11.7	642.00	1671
	Sep 2018	775	-12	18	798	0	798	13.4	640.01	1617
	WY 2018	**9246**	**-109**	**198**	**8925**	**0**	**8925**			
	Oct 2018	577	-4	15	741	0	741	12.1	633.00	1434
	Nov 2018	730	-12	10	655	0	655	11.0	635.00	1486
	Dec 2018	658	-12	9	540	0	540	8.8	638.71	1583
	Jan 2019	619	-19	10	507	0	507	8.2	641.80	1666
	Feb 2019	685	-15	10	660	0	660	11.9	641.80	1666
	Mar 2019	1055	-17	13	990	0	990	16.1	643.05	1700
	Apr 2019	1059	-20	17	1024	0	1024	17.2	643.00	1699
	May 2019	967	-12	22	933	0	933	15.2	643.00	1699
	Jun 2019	907	-15	25	867	0	867	14.6	643.00	1699
	Jul 2019	826	-15	25	812	0	812	13.2	642.00	1671
	Aug 2019	740	-12	23	706	0	706	11.5	642.00	1671
	Sep 2019	734	-12	18	757	0	757	12.7	640.01	1618
	WY 2019	**9555**	**-166**	**197**	**9191**	**0**	**9191**			
	Oct 2019	510	-4	15	675	0	675	11.0	633.00	1434
	Nov 2019	670	-12	10	595	0	595	10.0	635.00	1486
	Dec 2019	594	-12	9	476	0	476	7.7	638.71	1583
	Jan 2020	607	-19	10	495	0	495	8.1	641.80	1666
	Feb 2020	663	-15	10	638	0	638	11.1	641.80	1666
	Mar 2020	988	-17	13	923	0	923	15.0	643.05	1700
	Apr 2020	997	-20	17	962	0	962	16.2	643.00	1699

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2018 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	May 2017	846	22	13	634	10.3	44	175	448.31	586	111	1.8
H	Jun 2017	853	0	15	689	11.6	57	79	448.41	588	126	2.1
I	Jul 2017	809	18	17	666	10.8	58	71	448.63	592	131	2.1
S	Aug 2017	707	12	17	570	9.3	58	70	448.28	585	102	1.7
T	Sep 2017	656	16	15	481	8.1	56	134	447.17	564	104	1.7
	WY 2017	**8261**	**220**	**140**	**6204**		**664**	**1406**			**1513**	
O	Oct 2017	671	9	12	478	7.8	69	131	446.27	548	65	1.1
R	Nov 2017	595	12	9	349	5.9	89	127	447.86	577	99	1.7
I	Dec 2017	552	17	7	335	5.5	100	144	446.80	557	109	1.8
C	Jan 2018	437	3	6	329	5.3	29	90	445.81	539	125	2.0
A	Feb 2018	611	3	8	429	7.7	12	109	448.52	590	145	2.6
L	Mar 2018	836	-3	9	637	10.4	61	139	447.46	570	195	3.2
*	Apr 2018	1001	-8	11	735	12.4	75	168	447.13	564	175	2.9
	May 2018	979	15	13	673	10.9	85	181	448.70	593	119	1.9
	Jun 2018	893	13	16	710	11.9	82	85	448.70	593	127	2.1
	Jul 2018	835	21	17	680	11.1	85	74	448.00	580	135	2.2
	Aug 2018	718	23	17	601	9.8	85	35	447.50	571	104	1.7
	Sep 2018	798	17	15	524	8.8	82	185	447.50	570	96	1.6
	WY 2018	**8925**	**120**	**139**	**6479**		**856**	**1468**			**1495**	
	Oct 2018	741	23	12	475	7.7	85	185	447.50	571	65	1.1
	Nov 2018	655	16	9	384	6.4	88	185	447.50	571	99	1.7
	Dec 2018	540	18	7	290	4.7	91	185	446.50	552	109	1.8
	Jan 2019	507	21	6	318	5.2	78	121	446.50	552	138	2.2
	Feb 2019	660	11	8	485	8.7	51	121	446.50	552	160	2.9
	Mar 2019	990	7	9	718	11.7	69	189	446.70	555	198	3.2
	Apr 2019	1024	16	11	710	11.9	88	184	448.70	593	175	2.9
	May 2019	933	15	13	642	10.4	90	189	448.70	593	104	1.7
	Jun 2019	867	13	16	683	11.5	88	79	448.70	593	105	1.8
	Jul 2019	812	21	17	647	10.5	90	79	448.00	580	111	1.8
	Aug 2019	706	23	17	589	9.6	90	29	447.50	571	100	1.6
	Sep 2019	757	17	15	509	8.6	88	152	447.50	570	89	1.5
	WY 2019	**9191**	**200**	**139**	**6450**		**999**	**1698**			**1453**	
	Oct 2019	675	23	12	490	8.0	48	141	447.50	571	74	1.2
	Nov 2019	595	16	9	408	6.9	48	141	447.50	571	116	1.9
	Dec 2019	476	18	7	313	5.1	48	141	446.50	552	131	2.1
	Jan 2020	495	21	6	313	5.1	86	106	446.50	552	134	2.2
	Feb 2020	638	11	8	479	8.3	57	100	446.50	552	155	2.7
	Mar 2020	923	7	9	708	11.5	76	125	446.70	555	191	3.1
	Apr 2020	962	16	11	699	11.7	97	125	448.70	593	168	2.8

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2018 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	May 2017	917	14.9	1081.56	10141	-280	434.83	1307.0	360.6	80	393.4
H	Jun 2017	864	14.5	1079.52	9971	-169	433.52	1500.0	335.0	94	387.5
I	Jul 2017	885	14.4	1079.03	9931	-40	432.24	1499.0	341.1	94	385.5
S	Aug 2017	683	11.1	1081.44	10131	200	436.25	1478.1	261.0	93	382.0
T	Sep 2017	600	10.1	1082.05	10182	51	440.10	976.1	230.7	66	384.8
	WY 2017	**8620**							**3347.1**		
O	Oct 2017	596	9.7	1082.30	10202	21	441.43	976.1	229.0	66	384.2
R	Nov 2017	731	12.3	1080.95	10090	-113	435.01	996.0	287.9	63	393.6
I	Dec 2017	594	9.7	1082.52	10221	131	439.05	821.0	235.7	52	396.6
C	Jan 2018	449	7.3	1087.50	10642	421	442.14	834.0	176.5	51	392.9
A	Feb 2018	687	12.4	1088.21	10703	61	441.97	1220.1	275.0	75	400.3
L	Mar 2018	833	13.5	1088.11	10694	-9	442.23	1005.9	333.9	62	400.8
*	Apr 2018	1015	17.1	1084.49	10387	-308	437.15	880.9	406.2	55	400.0
	May 2018	1030	16.8	1080.39	10043	-343	430.42	1385.9	400.9	88	389.2
	Jun 2018	934	15.7	1077.56	9810	-233	425.51	1562.0	360.4	100	385.8
	Jul 2018	848	13.8	1077.46	9802	-8	424.38	1562.0	328.6	100	387.4
	Aug 2018	752	12.2	1079.23	9947	146	425.54	1562.0	288.7	100	383.7
	Sep 2018	775	13.0	1078.27	9868	-79	426.58	1562.0	300.2	100	387.2
	WY 2018	**9246**							**3623.0**		
	Oct 2018	577	9.4	1078.98	9926	58	432.14	1065.0	223.5	68	387.7
	Nov 2018	730	12.3	1077.93	9840	-86	432.95	1256.0	286.7	80	392.9
	Dec 2018	658	10.7	1078.63	9897	58	431.61	1154.0	254.3	74	386.5
	Jan 2019	619	10.1	1081.77	10158	260	433.09	911.0	244.0	57	394.5
	Feb 2019	685	12.3	1083.07	10267	109	434.25	917.1	274.0	58	400.2
	Mar 2019	1055	17.2	1080.25	10032	-236	432.46	1000.0	423.8	63	401.7
	Apr 2019	1059	17.8	1076.12	9692	-340	426.80	1247.0	414.3	80	391.3
	May 2019	967	15.7	1072.69	9414	-278	421.66	1429.0	370.8	94	383.4
	Jun 2019	907	15.2	1069.99	9198	-216	417.94	1512.0	342.6	100	377.6
	Jul 2019	826	13.4	1070.06	9204	5	416.96	1512.0	313.4	100	379.6
	Aug 2019	740	12.0	1072.05	9363	159	418.31	1528.0	278.8	100	376.7
	Sep 2019	734	12.3	1071.57	9324	-39	419.71	1528.0	278.0	100	378.9
	WY 2019	**9555**							**3704.3**		
	Oct 2019	510	8.3	1073.09	9446	122	425.21	1140.1	197.5	75	387.0
	Nov 2019	670	11.3	1072.73	9417	-29	427.47	1224.7	257.3	80	384.3
	Dec 2019	594	9.7	1074.20	9536	119	426.80	1139.0	227.8	74	383.6
	Jan 2020	607	9.9	1077.52	9806	270	429.41	797.2	238.3	51	392.4
	Feb 2020	663	11.5	1079.07	9934	128	430.80	805.9	262.9	52	396.5
	Mar 2020	988	16.1	1076.97	9762	-172	429.49	890.1	393.8	57	398.8
	Apr 2020	997	16.8	1073.48	9478	-283	424.51	1138.9	387.0	74	388.0

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3062

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2018 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	May 2017	846	13.8	643.74	1719	35	142.74	232.0	108.4	91	128.1
H	Jun 2017	853	14.3	643.01	1699	-20	141.59	255.0	107.4	100	126.0
I	Jul 2017	809	13.2	644.65	1744	45	143.65	255.0	101.5	100	125.5
S	Aug 2017	707	11.5	642.64	1689	-55	143.10	255.0	89.9	100	127.1
T	Sep 2017	656	11.0	639.47	1603	-86	138.07	253.3	83.2	99	126.8
	WY 2017	**8261**							**1061.4**		
O	Oct 2017	671	10.9	636.00	1512	-91	134.26	179.3	81.3	70	121.3
R	Nov 2017	595	10.0	640.07	1619	107	138.81	151.3	73.1	59	122.7
I	Dec 2017	552	9.0	640.68	1636	17	139.44	131.6	69.5	52	126.0
C	Jan 2018	437	7.1	640.86	1641	5	141.78	159.6	55.0	63	125.9
A	Feb 2018	611	11.0	643.18	1704	63	142.18	162.1	76.6	64	125.4
L	Mar 2018	836	13.6	642.57	1687	-17	139.99	189.2	105.4	74	126.1
*	Apr 2018	1001	16.8	642.40	1682	-5	141.14	207.4	125.1	81	125.0
	May 2018	979	15.9	643.00	1699	16	137.13	204.0	122.1	80	124.7
	Jun 2018	893	15.0	643.00	1699	0	136.04	255.0	111.9	100	125.3
	Jul 2018	835	13.6	642.00	1671	-27	135.51	255.0	104.6	100	125.3
	Aug 2018	718	11.7	642.00	1671	0	134.99	255.0	90.1	100	125.5
	Sep 2018	798	13.4	640.01	1617	-54	133.94	255.0	99.0	100	124.0
	WY 2018	**8925**							**1113.6**		
	Oct 2018	741	12.1	633.00	1434	-183	130.59	207.3	89.2	81	120.4
	Nov 2018	655	11.0	635.00	1486	51	129.19	170.0	77.7	67	118.5
	Dec 2018	540	8.8	638.71	1583	97	132.25	167.8	65.8	66	121.9
	Jan 2019	507	8.2	641.80	1666	83	134.43	210.6	63.4	83	125.2
	Feb 2019	660	11.9	641.80	1666	0	136.73	187.6	82.6	74	125.2
	Mar 2019	990	16.1	643.05	1700	34	137.26	190.8	123.2	75	124.4
	Apr 2019	1024	17.2	643.00	1699	-1	136.07	255.0	127.6	100	124.6
	May 2019	933	15.2	643.00	1699	0	136.04	255.0	116.8	100	125.2
	Jun 2019	867	14.6	643.00	1699	0	136.04	255.0	108.7	100	125.4
	Jul 2019	812	13.2	642.00	1671	-27	135.51	255.0	101.9	100	125.4
	Aug 2019	706	11.5	642.00	1671	0	134.99	255.0	88.6	100	125.5
	Sep 2019	757	12.7	640.01	1618	-54	133.94	255.0	94.0	100	124.2
	WY 2019	**9191**							**1139.5**		
	Oct 2019	675	11.0	633.00	1434	-183	130.59	207.3	81.5	81	120.8
	Nov 2019	595	10.0	635.00	1486	51	129.19	170.0	70.8	67	118.9
	Dec 2019	476	7.7	638.71	1583	97	132.25	167.8	58.2	66	122.3
	Jan 2020	495	8.1	641.80	1666	83	133.85	230.3	62.1	90	125.3
	Feb 2020	638	11.1	641.80	1666	0	136.73	187.6	80.1	74	125.5
	Mar 2020	923	15.0	643.05	1700	34	137.26	190.8	115.1	75	124.8
	Apr 2020	962	16.2	643.00	1699	-1	136.07	255.0	120.2	100	124.9

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2018 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	May 2017	634	10.3	448.31	586	-8	82.36	120.0	44.8	100	70.6
H	Jun 2017	689	11.6	448.41	588	2	80.56	120.0	48.1	100	69.9
I	Jul 2017	666	10.8	448.63	592	4	82.74	120.0	46.5	100	69.9
S	Aug 2017	570	9.3	448.28	585	-7	82.37	120.0	39.9	100	70.0
T	Sep 2017	481	8.1	447.17	564	-21	81.08	120.0	33.8	100	70.2
	WY 2017	**6204**							**434.1**		
O	Oct 2017	478	7.8	446.27	548	-17	80.03	92.9	33.6	77	70.4
R	Nov 2017	349	5.9	447.86	577	30	81.65	90.0	24.1	75	69.2
I	Dec 2017	335	5.5	446.80	557	-20	81.55	92.9	22.5	77	67.0
C	Jan 2018	329	5.3	445.81	539	-18	80.05	117.1	22.8	98	69.2
A	Feb 2018	429	7.7	448.52	590	50	81.30	92.1	30.3	77	70.6
L	Mar 2018	638	10.4	447.46	570	-20	81.79	102.6	44.9	85	70.4
*	Apr 2018	735	12.4	447.13	564	-6	81.11	120.0	50.8	100	69.1
	May 2018	673	10.9	448.70	593	30	75.29	120.0	44.3	100	65.8
	Jun 2018	710	11.9	448.70	593	0	76.05	120.0	47.3	100	66.6
	Jul 2018	680	11.1	448.00	580	-13	75.71	120.0	45.0	100	66.2
	Aug 2018	601	9.8	447.50	571	-9	75.13	120.0	39.3	100	65.5
	Sep 2018	524	8.8	447.50	570	0	74.89	120.0	34.1	100	65.0
	WY 2018	**6480**							**438.9**		
	Oct 2018	475	7.7	447.50	571	0	76.19	91.9	31.3	77	65.9
	Nov 2018	384	6.4	447.50	571	0	75.83	99.0	24.9	83	65.0
	Dec 2018	290	4.7	446.50	552	-19	74.40	120.0	18.2	100	62.7
	Jan 2019	318	5.2	446.50	552	0	75.02	95.8	20.2	80	63.6
	Feb 2019	485	8.7	446.50	552	0	75.21	92.1	31.8	77	65.5
	Mar 2019	718	11.7	446.70	555	4	74.34	112.3	46.9	94	65.3
	Apr 2019	710	11.9	448.70	593	38	75.08	120.0	46.7	100	65.8
	May 2019	642	10.4	448.70	593	0	76.05	120.0	42.6	100	66.3
	Jun 2019	683	11.5	448.70	593	0	76.05	120.0	45.4	100	66.5
	Jul 2019	647	10.5	448.00	580	-13	75.71	120.0	42.7	100	66.1
	Aug 2019	589	9.6	447.50	571	-9	75.13	120.0	38.5	100	65.4
	Sep 2019	509	8.6	447.50	570	0	74.89	120.0	33.1	100	65.0
	WY 2019	**6450**							**422.4**		
	Oct 2019	490	8.0	447.50	571	0	76.29	90.0	32.4	75	66.1
	Nov 2019	408	6.9	447.50	571	0	76.14	93.0	26.7	78	65.5
	Dec 2019	313	5.1	446.50	552	-19	74.40	120.0	19.7	100	63.0
	Jan 2020	313	5.1	446.50	552	0	75.02	95.8	19.9	80	63.6
	Feb 2020	479	8.3	446.50	552	0	75.21	92.1	31.3	77	65.4
	Mar 2020	708	11.5	446.70	555	4	74.34	112.3	46.2	94	65.3
	Apr 2020	699	11.7	448.70	593	38	75.08	120.0	46.0	100	65.8

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2018 24-Month Study

Most Probable Inflow*

Upper Basin Power

	Date	Glen Canyon 1000 MWHR	Flaming Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Reservoir 1000 MWHR	Fontenelle Reservoir 1000 MWHR
*	May 2017	291	105	43	72	17	4
H	Jun 2017	346	102	40	66	8	6
I	Jul 2017	399	71	35	13	18	8
S	Aug 2017	421	56	34	0	22	9
T	Sep 2017	306	56	35	33	22	6
	Summer 2017	**2033**	**492**	**202**	**207**	**93**	**33**
O	Oct 2017	294	42	30	37	21	7
R	Nov 2017	288	55	12	14	8	7
I	Dec 2017	339	68	27	33	19	6
C	Jan 2018	394	68	17	21	12	6
A	Feb 2018	335	60	9	12	3	5
L	Mar 2018	364	41	12	16	9	1
	Winter 2018	**2013**	**334**	**107**	**133**	**71**	**31**
*	Apr 2018	318	39	23	27	16	5
	May 2018	284	52	22	32	18	8
	Jun 2018	307	62	22	29	16	9
	Jul 2018	346	40	23	29	14	10
	Aug 2018	359	40	23	30	14	8
	Sep 2018	265	38	20	26	13	7
	Summer 2018	**1880**	**270**	**132**	**172**	**92**	**46**
	Oct 2018	252	39	11	16	8	7
	Nov 2018	251	38	4	6	4	6
	Dec 2018	280	39	4	6	4	6
	Jan 2019	332	39	4	6	4	6
	Feb 2019	287	35	4	6	3	5
	Mar 2019	304	39	5	7	5	5
	Winter 2019	**1704**	**231**	**32**	**46**	**27**	**35**
	Apr 2019	269	38	10	17	10	5
	May 2019	273	62	45	64	23	7
	Jun 2019	297	52	28	40	22	9
	Jul 2019	341	37	31	38	21	10
	Aug 2019	361	37	34	40	21	8
	Sep 2019	267	36	33	40	20	7
	Summer 2019	**1809**	**261**	**182**	**239**	**117**	**45**
	Oct 2019	255	37	20	25	13	7
	Nov 2019	254	35	17	21	11	6
	Dec 2019	284	37	28	35	18	6
	Jan 2020	338	37	22	29	15	5
	Feb 2020	292	34	15	19	10	5
	Mar 2020	311	37	8	11	6	5
	Winter 2020	**1423**	**180**	**102**	**128**	**66**	**29**
	Apr 2020	276	60	14	21	12	4

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2018 24-Month Study

Most Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions

Date	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Total KAF	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****EFFECTIVE SPACE****										
May 2018	777	331	474	11653	13235	16990	30225	461	73	62	595	11653	16990	29239	1500	1030	0	30.5
Jun 2018	649	297	453	11604	13004	17334	30337	322	25	2	349	11604	17334	29287	1500	934	0	30.5
Jul 2018	460	253	497	11520	12730	17567	30297	116	-31	-9	77	11520	17567	29164	1500	848	0	30.1
								****CREDITABLE SPACE****										
Aug 2018	363	276	565	11886	13090	17575	30666	363	276	565	1205	11886	17575	30666	1500	752	0	29.6
Sep 2018	395	315	613	12418	13741	17430	31171	395	315	613	1323	12418	17430	31171	2270	775	0	29.0
Oct 2018	455	349	638	12735	14176	17509	31685	455	349	638	1441	12735	17509	31685	3040	577	0	28.6
Nov 2018	510	358	636	12953	14457	17451	31907	510	358	636	1503	12953	17451	31907	3810	730	0	28.3
Dec 2018	566	344	633	13165	14708	17537	32245	566	344	633	1542	13165	17537	32245	4580	658	0	28.1
Jan 2019	639	333	634	13464	15071	17480	32551	639	333	634	1607	13464	17480	32551	5350	619	0	28.0
								****EFFECTIVE SPACE****										
Jan 2019	639	333	634	13464	15071	17480	32551	338	333	611	1282	13464	17480	32226	5350	619	0	28.0
Feb 2019	708	323	638	13880	15549	17219	32768	405	323	614	1343	13880	17219	32442	1500	685	0	27.7
Mar 2019	763	313	631	14187	15894	17110	33004	458	313	606	1378	14187	17110	32675	1500	1055	0	27.4
Apr 2019	772	294	574	14398	16037	17345	33382	463	294	542	1299	14398	17345	33042	1500	1059	0	27.4
May 2019	749	252	471	14278	15750	17685	33435	434	252	417	1103	14278	17685	33066	1500	967	0	28.6
Jun 2019	683	197	303	13119	14301	17963	32264	359	188	209	756	13119	17963	31838	1500	907	0	30.1
Jul 2019	451	49	195	11900	12595	18179	30774	110	18	45	173	11900	18179	30252	1500	826	0	30.2
								****CREDITABLE SPACE****										
Aug 2019	359	29	211	11822	12422	18173	30595	359	29	211	600	11822	18173	30595	1500	740	0	29.9
Sep 2019	385	66	254	12136	12841	18014	30855	385	66	254	705	12136	18014	30855	2270	734	0	29.5
Oct 2019	439	129	283	12285	13135	18053	31188	439	129	283	851	12285	18053	31188	3040	510	0	29.3
Nov 2019	488	156	293	12361	13298	17931	31229	488	156	293	937	12361	17931	31229	3810	670	0	29.1
Dec 2019	537	182	301	12480	13499	17960	31458	537	182	301	1019	12480	17960	31458	4580	594	0	29.0
Jan 2020	603	250	306	12710	13869	17841	31710	603	250	306	1159	12710	17841	31710	5350	607	0	28.8
								****EFFECTIVE SPACE****										
Jan 2020	603	250	306	12710	13869	17841	31710	324	250	-36	539	12710	17841	31089	5350	607	0	28.8
Feb 2020	664	302	310	13074	14351	17571	31922	384	302	-32	654	13074	17571	31299	1500	663	0	28.6
Mar 2020	715	330	314	13340	14700	17443	32143	433	330	-29	734	13340	17443	31517	1500	988	0	28.3
Apr 2020	717	318	328	13483	14846	17615	32461	430	318	-23	726	13483	17615	31824	1500	997	0	28.3

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3062

Processed On: 5/9/2018 9:27:51AM

June 24-Month Study
Date: June 14, 2018

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

Reservoir	May Inflow (unregulated) (acre-feet)	Percent of Average (%)	June 13, Midnight Elevation (feet)	June 13, Midnight Reservoir Storage (acre-feet)
Fontenelle	354,000	216	6,499.23	292,000
Flaming Gorge	422,000	172	6,031.53	3,408,000
Blue Mesa	112,000	51	7,479.58	503,000
Navajo	88,000	32	6,047.83	1,200,000
Powell	1,214,000	52	3,612.02	12,935,000

Expected Operations

The operation of Lake Powell and Lake Mead in this June 2018 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines), and reflects the 2018 Annual Operating Plan (AOP). Pursuant to the Interim Guidelines, the August 2017 24-Month Study projections of the January 1, 2018, system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2018.

Consistent with Section 6.B of the Interim Guidelines, the Lake Powell's operational tier in water year 2018 is the Upper Elevation Balancing Tier. With an 8.23 million acre-feet (maf) release from Lake Powell in water year 2018, the April 2018 24-Month Study projected the end of water year elevation at Lake Powell to be above 3,575 feet above sea level (feet), and the end of water year elevation at Lake Mead to be below 1,075 feet. Therefore, in accordance with Section 6.B.4 of the Interim Guidelines, Lake Powell operations shifted to balancing releases for the remainder of water year 2018. Under Section 6.B.4, the contents of Lake Powell and Lake Mead will be balanced by the end of the water year, but not more than 9.0 maf and not less than 8.23 maf shall be released from Lake Powell. Based on the most probable inflow forecast, this June 24-Month Study projects a balancing release of 9.0 maf in water year 2018.

Consistent with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar year 2018.

The Interim Guidelines are available for download at:
https://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The 2018 AOP is available for download at:
https://www.usbr.gov/lc/region/g4000/aop/AOP18.pdf

Fontenelle Reservoir – Fontenelle Reservoir is currently at elevation 6499.23 feet, which corresponds to a live storage content of 292,000 acre-feet (af) (85 percent of capacity). Inflows for the month of May were 354,440 af, or 216 percent of average. Above average inflows are occurring and releases are being adjusted to maintain capacity in the reservoir. Releases are currently (as of June 10, 2018) 7,000 cubic feet per second (cfs).

The Colorado Basin River Forecast Center has forecasted summer inflows that are above average. Inflows to Fontenelle Reservoir for the next 3 months (June, July, and August) are projected to be: 350,000 af (117 percent of average), 179,000 af (101 percent of average), and 80,000 af (105 percent of average), respectively.

The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir. For more information on this group and these meetings please contact Dale Hamilton at 801-379-1186 or Jed Parker at 801-524-3816.

Meeting notes from past Working Group meetings are posted on the Working Group webpage at:

https://www.usbr.gov/uc/wcao/water/rsvrs/mtgs/ftcurrnt.html

The next Fontenelle Working Group meeting is scheduled for 10:00 a.m., August 23, 2018. The meeting will be held at the Joint Powers Water Board located at 2 Telephone Canyon Road in Green River, WY.

Flaming Gorge Reservoir – Releases are currently set at 1,800 cfs with fluctuations for hydropower. Average daily releases will likely remain at 1,800 cfs through the coming months.

Unregulated inflow into Flaming Gorge Reservoir during the month of May was 422,000 af, or 172 percent of average. The current (as of June 12, 2018) reservoir elevation is 6,031.27 which corresponds to a live storage content of 3.399 maf (91 percent of capacity) and is increasing. Unregulated inflow to Flaming Gorge over the next three months (June, July, and August) are projected to be: 425,000 af (109 percent of average), 152,000 af (72 percent of average), and 75,000 af (84 percent of average), respectively.

The June water supply forecast of the April through July unregulated inflow volume into Flaming Gorge Reservoir is 1.120 maf (114 percent of average).

The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stakeholders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations and plans presented by Reclamation at these meetings. For more information on this group and these meetings please contact Dale Hamilton at 801-379-1186 or Jed Parker at 801-524-3816.

Meeting notes from past Working Group meetings are posted on the Working Group webpage at:

https://www.usbr.gov/uc/wcao/water/rsvrs/mtgs/fgcurrnt.html

The next meeting of the Flaming Gorge Working Group will be held on Tuesday, August 28, 2018 at 11:00 a.m. at the DWR Office, 318 North Vernal Avenue, Vernal, Utah.

Aspinall Unit Reservoirs – Releases from Crystal Dam are approximately 1,750 cfs. Uncompahgre Valley Water Users Association is diverting approximately 1,050 cfs through the Gunnison Tunnel and flows through the Black Canyon are approximately 750 cfs. There currently is about a 50 cfs gain to the Gunnison River between Crystal Dam and the Gunnison Tunnel Diversion. Blue Mesa Reservoir elevation is 7579.82 feet which corresponds to live storage content of 505,000 acre-feet (61 percent of capacity).

The May unregulated inflow to Blue Mesa Reservoir was 112,301 af (51 percent of average). Unregulated Inflows to Blue Mesa for the next three months (June, July and August) are projected to be: 77,000 af (30 percent of average), 33,000 af (28 percent of average) and 28,000 af (44 percent of average), respectively. For water year 2018, the unregulated inflow volume is forecasted to be 487,000 af (51 percent of average) with 270,000 af (40 percent of average) forecasted unregulated inflow during the April through July period. The June 24-Month Study is reflective of this new forecast.

Conditions are clearly very dry and Blue Mesa Reservoir will not fill this year. Current projections indicate Blue Mesa storage will continue to decrease through the rest of water year 2018 ending on September 30, 2018 with a projected elevation and storage of approximately 7455.7 feet and 345,000 af, respectively.

The Aspinall Unit Working Group is an open public forum for information exchange between Reclamation and the stakeholders of the Aspinall Unit. The public is encouraged to attend and comments on the operations and plans presented by Reclamation at these meetings. Meeting notes from past working Group meetings are posted on the Working Group webpage. For more information on this group and these meetings please contact Erik Knight in the Grand Junction Area Office at (970) 248-0629.

Meeting notes from past working Group meetings are posted on the Working Group webpage at:

https://www.usbr.gov/uc/wcao/water/rsvrs/mtgs/amcurrnt.html

The next meeting of the Aspinall Unit Working Group will be held on Thursday, August 16, 2018 at 1:00 pm at the at the Elk Creek Visitor Center at Blue Mesa Reservoir, Colorado.

Navajo Reservoir – The current (June 13, 2018) release rate from Navajo Dam is 650 cfs and the observed inflow to Navajo Reservoir is 180 cfs. The Navajo Indian Irrigation Project (NIIP) is diverting 810 cfs. The reservoir elevation is 6047.8 feet which corresponds to a live storage of 1.201 maf (71 percent of live storage capacity). This elevation also corresponds to an active storage of 0.538 maf (52 percent of active storage capacity). The river flow measured at the San Juan River at Four Corners USGS gage is 570 cfs. River flow at the Animas River at Farmington USGS gage is at 240 cfs. Releases from Navajo Dam are made for the authorized purposes of the Navajo Unit, and pursuant to the 2006 Record of Decision, to attempt to maintain a target base flow through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell). The San Juan River Basin Recovery Implementation Program (SJRIP) recommends a target base flow of between 500 cfs and 1,000 cfs through the critical habitat area. The target base flow is calculated as the weekly average of gaged flows throughout the critical habitat area.

Preliminary modified-unregulated inflow into Navajo in April was 88,244 acre-feet, which was 86 percent of average for the month. Modified-unregulated inflow to Navajo over the next three months (June, July, and August) are projected to be: 10,000 af (5 percent of average), 6,000 af (9 percent of average), and 25,000 af (55 percent of average), respectively.

The April-July modified-unregulated inflow runoff forecasts are as follows:

Min Probable: 161,000 acre-feet (22 percent of average, a decrease of 5,000 acre-feet since the last forecast)
Most Probable: 174,000 acre-feet (24 percent of average, a decrease of 11,000 acre-feet since the last forecast)
Max Probable: 191,000 acre-feet (26 percent of average, a decrease of 24,000 acre-feet since the last forecast

A short release of 2,000 cfs for 2 hours was requested by the NM Department of Game and Fish to aid in a habitat project in the tailwater reach below Navajo Dam. One of the purposes of this project is to curb sediment input entering the San Juan River in this area. Reclamation complied with this request by ramping up in the evening of June 5, 2018 and then peaking at 2,000 cfs for two hours mid-day on June 6, 2018 and ramping down of June 7, 2018. Total release over base releases was approximately 2300 af. Reclamation also coordinated with state and local agencies during this event for awareness and safety. Releases for the remainder of the runoff season will be made to

maintain the minimum target baseflow in the critical habitat reach and will likely range from 300 to 700 cfs.

Reclamation conducts Public Operations Meetings three times per year to gather input for determining upcoming operations for Navajo Reservoir. Input from individuals, organizations, and agencies along with other factors such as weather, water rights, endangered species requirements, flood control, hydro power, recreation, fish and wildlife management, and reservoir levels, will be considered in the development of these reservoir operation plans. In addition, the meetings are used to coordinate activities and exchange information among agencies, water users, and other interested parties concerning the San Juan River and Navajo Reservoir.

The next Navajo Public Operations Coordination Meeting is scheduled for Tuesday, August 21, 2018, at 1:00 p.m. at the Farmington Civic Center, Farmington, NM.

Glen Canyon Dam / Lake Powell

Current Status

The Department of the Interior is conducting the first experimental flow at Glen Canyon Dam since implementing its Long-Term Experimental and Management Plan (LTEMP). Experiments under LTEMP consist of four different flow regimes: high flows, bug flows, trout management flows, and low summer flows. The goal of this first experiment under LTEMP (a bug flow experiment) is to provide enhanced habitat for the lifecycle of aquatic insects that are the primary food source for fish in the Colorado River.

Collaborative discussions among technical experts resulted in a decision to begin this year's experiment on May 1 and to continue through August 31, 2018. The experiment will slightly modify the hourly and weekly patterns of scheduled water releases through Glen Canyon Dam however the projected monthly release volumes will not be altered.

During this experiment, releases during weekends will be steady (i.e. no hourly fluctuations) while releases on weekdays will fluctuate for power production as prescribed under LTEMP. Steady weekend releases are expected to provide favorable conditions for aquatic insects to lay and cement their eggs to rocks, vegetation, and other materials near the river's edge. The steady weekend release rate will be relatively low resulting in a river stage that is within four inches of the weekday low water stage level. Recreational river users will not likely notice the difference in stage levels that will occur during the experiment as compared to normal LTEMP operations.

Insects expected to benefit from this experiment are an important food source for many species of fish, birds, and bats in lower Glen Canyon and the Grand Canyon. Beyond expected resource benefits, this experiment will also provide scientific information that will be used in future decision making.

The unregulated inflow volume to Lake Powell during May was 1.21 (maf) (52 percent of average). The release volume from Glen Canyon Dam in May was 705 thousand acre-feet (kaf). The end of May elevation of Lake Powell was 3,611.54 feet (88.46 feet from

full pool) and this corresponds to a live storage volume of 12.90 maf (53 percent of live storage capacity). Lake Powell elevation is projected to decline each month this water year with some reprieve during the smaller than normal spring runoff period.

Current Operations

Under the Interim Guidelines, the operating Tier for water year 2018 was established in August 2017 as the Upper Elevation Balancing Tier with 8.23 maf projected as the annual release volume for water year 2018. As provided under this operational Tier, however, the April 2018 24-Month Study projected Lake Powell's end of water year elevation to be above 3575 feet and Lake Mead's end of water year elevation to be below 1075 feet with a projected release volume of 8.23 maf. This projected condition resulted in a shift to a Balancing which reset the annual release volume for Lake Powell. Under a Balancing condition, the storage levels of Lake Powell and Lake Mead are to be balanced by the end of the water year, but not more than 9.0 maf and not less than 8.23 maf shall be released from Lake Powell during the water year.

Based on the most probable inflow forecast, the June 24-Month Study projects the annual release volume, as determined under the Balancing provisions of the Interim Guidelines, to be 9.0 maf for water year 2018. The annual release volume for water year 2018 will be dependent upon hydrologic conditions and will be adjusted each month as necessary to meet the Balancing condition within the range from 8.23 to 9.0 maf. Reclamation will make operational adjustments at Glen Canyon Dam throughout water year 2018 to achieve as practicably as possible the appropriate annual release volume by September 30, 2018.

In June, the release volume will be approximately 760 kaf, with fluctuations anticipated between about 8,850 cfs in the nighttime to about 16,450 cfs in the daytime and consistent with the Glen Canyon Dam, LTEMP Record of Decision (December, 2016). The anticipated release volume for July is 860 kaf with daily fluctuations between approximately 10,180 cfs and 18,180 cfs. The expected release for August is 900 kaf with daily fluctuations between approximately 10,500 cfs and 18,500 cfs.

In addition to daily scheduled fluctuations for power generation, the instantaneous releases from Glen Canyon Dam may also fluctuate to provide 40 megawatts (MW) of system regulation. These instantaneous release adjustments stabilize the electrical generation and transmission system and translate to a range of about 1,200 cfs above or below the hourly scheduled release rate. In most cases, fluctuations for regulation are short lived and generally balance out over the hour with minimal impacts on downstream river conditions.

Releases from Glen Canyon Dam can also fluctuate when called upon to respond to unscheduled power outages or power system emergencies. Depending on the severity of the system emergency, the response from Glen Canyon Dam can be significant, within the full range of the operating capacity of the power plant for as long as is necessary to maintain balance in the transmission system. Glen Canyon Dam maintains at least 30 MW (approximately 800 cfs) of generation capacity at all times in reserve in order to

respond to system emergencies. Release fluctuations resulting from unscheduled power outages or system emergencies occur infrequently but can have a noticeable impact on the river downstream of Glen Canyon Dam.

Inflow Forecasts and Model Projections

The most probable unregulated inflow volume to Lake Powell for April through July is currently forecasted to be 2.8 maf (39 percent of average). This is 200 kaf less than the forecast issued last month. There is still uncertainty regarding what the unregulated inflow volume to Lake Powell will be during the April through July period. The minimum probable April through July unregulated inflow volume is forecasted to be 2.34 maf (33 percent of average) and the maximum probable April through July unregulated inflow volume is forecasted to be 3.37 maf (47 percent of average). There is 10 percent probability the April through July unregulated inflow volume could be higher than the maximum probable forecast and a 10 percent probability the April through July unregulated inflow volume could be lower than the minimum probable forecast.

The June 24-Month Study projects Lake Powell elevation will end water year 2018 near 3,597 feet with approximately 11.47 maf in storage (47 percent capacity). To put this projected condition in context with the level of uncertainty for this point in time, the minimum probable inflow scenario would result an end of water year elevation and storage of approximately 3,589 feet and 10.7 maf (44 percent capacity), respectively. The maximum probable inflow scenario would result in an end of water year elevation and storage of approximately 3616 feet and 13.3 maf (55 percent capacity), respectively.

Upper Colorado River Basin Hydrology

The Upper Colorado River Basin regularly experiences significant year to year hydrologic variability. During the 18-year period 2000 to 2017, however, the unregulated inflow to Lake Powell, which is a good measure of hydrologic conditions in the Colorado River Basin, was above average in only 4 out of the past 18 years. The period 2000-2017 is the lowest 18-year period since the closure of Glen Canyon Dam in 1963, with an average unregulated inflow of 8.76 maf, or 81percent of the 30-year average (1981-2010). (For comparison, the 1981-2010 total water year average is 10.83 maf.) The unregulated inflow during the 2000-2017 period has ranged from a low of 2.64 maf (24 percent of average) in water year 2002 to a high of 15.97 maf (147 percent of average) in water year 2011. In water year 2017 unregulated inflow volume to Lake Powell was 11.9 maf (110 percent of average), the fourth year to be above average. Under the current most probable forecast, the total water year 2018 unregulated inflow to Lake Powell is projected to be 5.25 maf (48 percent of average).

At the beginning of water year 2018, total system storage in the Colorado River Basin was 32.9 maf (55 percent of 59.6 maf total system capacity). This is an increase of 2.7 maf over the total storage at the beginning of water year 2017 when total system storage was 30.2 maf (51 percent of capacity). Since the beginning of water year 2000, total Colorado Basin storage has experienced year to year increases and decreases in response to wet and dry hydrology, ranging from a high of 94 percent of capacity at the beginning of 2000 to a low of 50 percent of capacity at the beginning of water year 2005. One wet year can significantly increase total system reservoir storage, just as persistent dry years

can draw down the system storage. Based on current inflow forecasts, the current projected end of water year total Colorado Basin reservoir storage for water year 2018 is approximately 29.0 maf (48 percent of total system capacity). The actual end of water year 2018 system storage may vary from this projection, primarily due to uncertainty regarding this season's runoff and reservoir inflow. Based on the April minimum and maximum probable inflow forecasts and modeling, the range of end of water year 2018 total system capacity is approximately 27.8 maf (47 percent of capacity) to 31.0 maf (52 percent of capacity), respectively.

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-430
125 SOUTH STATE STREET, ROOM 8100
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-3709

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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:	Obs			may	Forecast			Outlook	
:	feb	mar	apr	may	%Avg	jun	jul	aug	apr-jul	%Avg
GLDA3:Lake Powell	269	332	382	1211	52%:	960/	247/	225/	2800/:	39%
GBRW4:Fontenelle	38	58	101	354	216%:	400/	125/	70/	980/:	135%
GRNU1:Flaming Gorge	57	86	121	422	174%:	425/	152/	75/	1120/:	114%
BMDC2:Blue Mesa	23	28	48	112	51%:	77/	33/	28/	270/:	40%
MPSC2:Morrow Point	24	29	54	121	49%:	81/	34/	30/	290/:	39%
CLSC2:Crystal	27	33	60	129	46%:	86/	35/	33/	310/:	37%
TPIC2:Taylor Park	3.8	4.6	8.5	24	85%:	17/	8/	6/	58/:	59%
VCRC2:Vallecito	2.9	3.9	14.9	29	41%:	10/	6/	7/	60/:	31%
NVRN5:Navajo	13.5	24	70	88	32%:	10/	6/	25/	174/:	24%
LEMC2:Lemon	0.38	0.61	3.1	7.5	35%:	2/	1/	2/	13.6/:	25%
MPHC2:McPhee	2.3	3.6	13.0	22	18%:	6.5/	4.5/	5/	46/:	16%
RBSC2:Ridgway	3.1	3.4	5.3	13.0	50%:	11/	6/	5/	35/:	50%

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2018 24-Month Study

Most Probable Inflow*

Fontenelle Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jun 2017	732	2	74	469	543	6502.49	317
H	Jul 2017	332	3	88	230	319	6503.83	328
I	Aug 2017	102	2	95	61	156	6496.34	271
S	Sep 2017	66	2	69	4	72	6495.21	263
	WY 2017	**2319**	**15**	**379**	**1890**	**2270**		
T	Oct 2017	73	1	80	0	80	6494.03	255
O	Nov 2017	62	1	78	0	78	6491.65	238
R	Dec 2017	46	1	72	8	80	6486.39	204
I	Jan 2018	42	1	79	1	80	6479.83	165
C	Feb 2018	38	0	72	0	72	6472.86	131
A	Mar 2018	58	0	16	56	71	6469.78	117
L	Apr 2018	101	1	83	4	87	6472.76	130
*	May 2018	354	2	100	123	223	6494.84	260
	Jun 2018	400	3	100	220	320	6505.13	339
	Jul 2018	125	3	100	45	145	6502.23	316
	Aug 2018	70	2	100	0	100	6497.96	284
	Sep 2018	47	2	65	0	65	6495.17	264
	WY 2018	**1417**	**15**	**946**	**457**	**1402**		
	Oct 2018	52	1	68	0	68	6492.78	247
	Nov 2018	47	1	65	0	65	6489.84	228
	Dec 2018	40	1	68	0	68	6485.56	199
	Jan 2019	35	1	68	0	68	6479.90	166
	Feb 2019	32	0	61	0	61	6473.93	137
	Mar 2019	50	0	73	0	73	6468.57	113
	Apr 2019	80	1	74	0	74	6469.90	119
	May 2019	150	1	90	0	90	6481.89	177
	Jun 2019	270	2	103	42	145	6500.17	300
	Jul 2019	175	3	101	30	130	6505.56	342
	Aug 2019	66	2	93	0	93	6501.83	313
	Sep 2019	43	2	65	0	65	6498.62	289
	WY 2019	**1040**	**15**	**928**	**72**	**1000**		
	Oct 2019	47	1	68	0	68	6495.57	266
	Nov 2019	41	1	65	0	65	6492.01	241
	Dec 2019	32	1	68	0	68	6486.47	205
	Jan 2020	30	1	68	0	68	6480.10	167
	Feb 2020	28	0	61	0	61	6473.23	133
	Mar 2020	53	0	73	0	73	6468.42	113
	Apr 2020	85	1	74	0	74	6471.02	123
	May 2020	164	1	99	1	100	6483.36	186

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3063

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2018 24-Month Study

Most Probable Inflow*

Flaming Gorge Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	Jun 2017	895	705	11	263	223	486	137	6031.41	3404	859
H	Jul 2017	387	374	14	180	48	228	142	6034.61	3531	315
I	Aug 2017	120	174	13	143	0	143	143	6035.05	3548	173
S	Sep 2017	87	93	11	141	0	141	140	6033.63	3491	161
	WY 2017	**3153**	**3104**	**81**	**2016**	**712**	**2728**				**4225**
T	Oct 2017	88	95	8	107	0	107	140	6033.17	3473	151
O	Nov 2017	82	98	4	139	0	139	138	6032.07	3430	166
R	Dec 2017	52	86	2	174	0	174	135	6029.85	3343	197
I	Jan 2018	52	90	2	175	0	175	131	6027.65	3259	208
C	Feb 2018	57	91	2	155	1	157	129	6025.91	3194	197
A	Mar 2018	86	99	3	106	0	106	128	6025.65	3184	178
L	Apr 2018	121	108	5	101	0	101	128	6025.69	3186	277
*	May 2018	422	290	8	163	6	169	133	6028.57	3294	572
	Jun 2018	425	345	11	127	0	127	141	6033.70	3494	287
	Jul 2018	152	172	14	111	0	111	142	6034.83	3539	138
	Aug 2018	75	105	13	111	0	111	142	6034.37	3521	127
	Sep 2018	56	74	12	107	0	107	140	6033.30	3478	117
	WY 2018	**1668**	**1653**	**83**	**1576**	**7**	**1583**				**2612**
	Oct 2018	64	80	8	111	0	111	138	6032.36	3441	138
	Nov 2018	60	78	4	107	0	107	137	6031.58	3410	135
	Dec 2018	41	69	2	111	0	111	136	6030.49	3368	134
	Jan 2019	45	78	2	111	0	111	134	6029.63	3335	131
	Feb 2019	45	74	2	100	0	100	133	6028.92	3308	119
	Mar 2019	95	118	3	162	0	162	131	6027.72	3262	227
	Apr 2019	130	124	5	158	0	158	130	6026.74	3225	348
	May 2019	195	135	8	204	0	204	127	6024.75	3151	694
	Jun 2019	325	200	10	140	0	140	129	6026.05	3199	575
	Jul 2019	200	155	13	98	0	98	130	6027.17	3241	173
	Aug 2019	75	102	12	98	0	98	130	6026.94	3233	117
	Sep 2019	50	72	11	95	0	95	129	6026.08	3200	109
	WY 2019	**1325**	**1285**	**79**	**1495**	**0**	**1495**				**2900**
	Oct 2019	55	76	7	98	0	98	128	6025.32	3172	125
	Nov 2019	50	74	3	95	0	95	127	6024.68	3148	124
	Dec 2019	35	71	2	98	0	98	126	6023.90	3120	124
	Jan 2020	40	78	2	98	0	98	125	6023.31	3098	123
	Feb 2020	45	78	2	92	0	92	124	6022.89	3083	120
	Mar 2020	102	123	3	50	0	50	127	6024.73	3150	127
	Apr 2020	134	122	5	48	0	48	129	6026.53	3217	263
	May 2020	245	181	8	129	0	129	131	6027.68	3260	661

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2018 24-Month Study

Most Probable Inflow*

Taylor Park Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jun 2017	62	45	9327.76	102
H	Jul 2017	24	26	9326.95	100
I	Aug 2017	12	25	9320.31	88
S	Sep 2017	8	18	9314.58	77
	WY 2017	**179**	**173**		
T	Oct 2017	8	8	9314.93	78
O	Nov 2017	6	6	9315.09	78
R	Dec 2017	4	6	9313.84	76
I	Jan 2018	4	6	9312.64	74
C	Feb 2018	4	6	9311.50	72
A	Mar 2018	5	6	9310.51	71
L	Apr 2018	8	7	9311.18	72
*	May 2018	24	12	9318.33	84
	Jun 2018	17	15	9319.50	86
	Jul 2018	8	18	9313.49	76
	Aug 2018	6	15	9307.64	66
	Sep 2018	4	12	9302.32	58
	WY 2018	**99**	**118**		
	Oct 2018	5	4	9303.29	60
	Nov 2018	4	3	9303.98	61
	Dec 2018	3	3	9303.91	61
	Jan 2019	3	3	9303.84	61
	Feb 2019	2	3	9303.29	60
	Mar 2019	3	3	9303.22	60
	Apr 2019	5	10	9299.63	55
	May 2019	23	16	9304.94	62
	Jun 2019	36	21	9314.42	77
	Jul 2019	15	24	9309.21	69
	Aug 2019	7	20	9300.73	56
	Sep 2019	6	15	9293.75	47
	WY 2019	**112**	**123**		
	Oct 2019	6	7	9292.77	46
	Nov 2019	5	5	9292.55	46
	Dec 2019	5	5	9292.10	45
	Jan 2020	4	5	9291.36	44
	Feb 2020	4	5	9290.39	43
	Mar 2020	4	8	9287.09	40
	Apr 2020	9	8	9287.82	40
	May 2020	28	30	9286.16	39

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2018 24-Month Study

Most Probable Inflow*

Blue Mesa Reservoir

	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jun 2017	392	373	1	139	35	175	7515.35	793
H	Jul 2017	135	137	2	113	0	110	7518.20	819
I	Aug 2017	84	96	1	111	0	111	7516.38	802
S	Sep 2017	35	45	1	115	0	114	7508.43	732
	WY 2017	**1245**	**1238**	**9**	**987**	**101**	**1163**		
T	Oct 2017	37	37	1	102	0	102	7500.64	667
O	Nov 2017	32	32	0	40	0	40	7499.68	659
R	Dec 2017	25	27	0	93	0	93	7491.44	593
I	Jan 2018	20	22	0	60	0	60	7486.51	554
C	Feb 2018	23	25	0	32	0	32	7485.54	547
A	Mar 2018	28	29	0	43	0	43	7483.73	534
L	Apr 2018	48	47	1	82	0	82	7478.94	498
*	May 2018	112	100	1	85	0	85	7480.90	513
	Jun 2018	77	75	1	90	0	90	7478.62	496
	Jul 2018	33	43	1	99	0	99	7470.44	439
	Aug 2018	28	37	1	78	0	78	7464.14	397
	Sep 2018	24	32	1	72	0	72	7457.50	356
	WY 2018	**487**	**507**	**8**	**875**	**0**	**875**		
	Oct 2018	24	23	0	45	0	45	7453.71	334
	Nov 2018	21	20	0	18	0	18	7454.06	336
	Dec 2018	18	18	0	19	0	19	7453.96	335
	Jan 2019	16	16	0	21	0	21	7453.17	331
	Feb 2019	14	15	0	17	0	17	7452.69	328
	Mar 2019	25	25	0	22	0	22	7453.09	330
	Apr 2019	55	60	1	50	0	50	7454.81	340
	May 2019	175	168	1	170	0	170	7454.20	336
	Jun 2019	250	235	1	45	0	45	7482.61	525
	Jul 2019	90	99	1	73	0	73	7485.84	549
	Aug 2019	48	61	1	76	0	76	7483.64	533
	Sep 2019	34	43	1	68	0	68	7480.09	507
	WY 2019	**770**	**781**	**7**	**624**	**0**	**624**		
	Oct 2019	36	37	0	42	0	42	7479.24	500
	Nov 2019	30	30	0	12	0	12	7481.76	519
	Dec 2019	26	26	0	12	0	12	7483.69	533
	Jan 2020	24	25	0	12	0	12	7485.49	547
	Feb 2020	22	23	0	11	0	11	7487.12	559
	Mar 2020	36	40	0	17	0	17	7489.95	581
	Apr 2020	77	76	1	42	0	42	7494.23	615
	May 2020	221	223	1	167	0	167	7501.03	670

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2018 24-Month Study

Most Probable Inflow*

Morrow Point Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jun 2017	411	175	19	195	184	0	193	7151.34	110
H	Jul 2017	139	110	4	114	37	0	111	7155.13	113
I	Aug 2017	86	111	2	113	0	0	115	7152.68	111
S	Sep 2017	35	114	0	115	92	0	112	7155.62	114
	WY 2017	**1314**	**1163**	**69**	**1232**	**893**	**0**	**1226**		
T	Oct 2017	38	102	1	103	105	0	105	7153.17	112
O	Nov 2017	34	40	1	41	42	0	42	7152.45	111
R	Dec 2017	26	93	1	94	94	0	94	7152.45	111
I	Jan 2018	22	60	2	62	62	0	63	7150.65	110
C	Feb 2018	24	32	1	33	34	0	34	7149.19	108
A	Mar 2018	29	43	1	44	49	0	49	7143.05	104
L	Apr 2018	54	82	6	87	79	0	79	7154.30	112
*	May 2018	121	85	8	94	94	0	94	7153.76	112
	Jun 2018	81	90	4	94	94	0	94	7153.73	112
	Jul 2018	34	99	1	100	100	0	100	7153.73	112
	Aug 2018	30	78	2	80	80	0	80	7153.73	112
	Sep 2018	26	72	2	74	74	0	74	7153.73	112
	WY 2018	**518**	**875**	**31**	**907**	**907**	**0**	**908**		
	Oct 2018	25	45	1	46	46	0	46	7153.73	112
	Nov 2018	22	18	1	19	19	0	19	7153.73	112
	Dec 2018	19	19	1	20	20	0	20	7153.73	112
	Jan 2019	16	21	0	21	21	0	21	7153.73	112
	Feb 2019	14	17	0	17	17	0	17	7153.73	112
	Mar 2019	27	22	2	24	24	0	24	7153.73	112
	Apr 2019	60	50	5	55	55	0	55	7153.73	112
	May 2019	191	170	16	186	186	0	186	7153.73	112
	Jun 2019	265	45	15	60	60	0	60	7153.73	112
	Jul 2019	94	73	4	77	77	0	77	7153.73	112
	Aug 2019	51	76	3	79	79	0	79	7153.73	112
	Sep 2019	36	68	2	70	70	0	70	7153.73	112
	WY 2019	**820**	**624**	**50**	**674**	**674**	**0**	**674**		
	Oct 2019	38	42	2	45	45	0	45	7153.73	112
	Nov 2019	32	12	2	14	14	0	14	7153.73	112
	Dec 2019	28	12	2	14	14	0	14	7153.73	112
	Jan 2020	27	12	2	14	14	0	14	7153.73	112
	Feb 2020	25	11	3	13	13	0	13	7153.73	112
	Mar 2020	40	17	4	21	21	0	21	7153.73	112
	Apr 2020	88	42	11	53	53	0	53	7153.73	112
	May 2020	247	167	26	193	193	0	193	7153.73	112

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2018 24-Month Study

Most Probable Inflow*

Crystal Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
*	Jun 2017	446	193	36	229	44	127	231	6751.78	17	61	172
H	Jul 2017	148	111	8	119	96	25	121	6746.24	15	63	60
I	Aug 2017	89	115	3	119	119	0	119	6744.79	15	62	58
S	Sep 2017	39	112	4	116	115	0	115	6748.63	16	59	56
	WY 2017	**1423**	**1226**	**109**	**1335**	**751**	**350**	**1334**			**413**	**929**
T	Oct 2017	43	105	5	110	109	0	109	6751.20	16	55	53
O	Nov 2017	38	42	4	46	46	0	46	6749.89	16	1	46
R	Dec 2017	29	94	3	97	97	0	97	6749.23	16	1	98
I	Jan 2018	25	63	3	66	62	4	66	6747.99	16	1	65
C	Feb 2018	27	34	3	37	16	20	36	6750.06	16	0	35
A	Mar 2018	33	49	4	52	53	0	53	6747.97	16	13	38
L	Apr 2018	60	79	6	84	84	0	84	6749.35	16	53	28
*	May 2018	129	94	9	102	102	0	102	6749.41	16	62	40
	Jun 2018	86	94	5	99	98	0	98	6753.04	17	61	37
	Jul 2018	35	100	1	101	101	0	101	6753.04	17	63	38
	Aug 2018	33	80	3	83	83	0	83	6753.04	17	65	18
	Sep 2018	29	74	3	77	77	0	77	6753.04	17	55	22
	WY 2018	**567**	**908**	**48**	**956**	**929**	**25**	**955**			**430**	**519**
	Oct 2018	28	46	3	49	49	0	49	6753.04	17	30	19
	Nov 2018	24	19	2	21	21	0	21	6753.04	17	0	21
	Dec 2018	21	20	2	22	22	0	22	6753.04	17	0	22
	Jan 2019	17	21	1	22	22	0	22	6753.04	17	0	22
	Feb 2019	16	17	2	19	19	0	19	6753.04	17	0	19
	Mar 2019	29	24	2	26	26	0	26	6753.04	17	5	21
	Apr 2019	65	55	5	60	60	0	60	6753.04	17	42	18
	May 2019	210	186	19	205	134	71	205	6753.04	17	62	143
	Jun 2019	290	60	25	85	85	0	85	6753.04	17	61	24
	Jul 2019	100	77	6	83	83	0	83	6753.04	17	65	18
	Aug 2019	55	79	4	83	83	0	83	6753.04	17	65	18
	Sep 2019	40	70	4	74	74	0	74	6753.04	17	55	19
	WY 2019	**895**	**674**	**75**	**749**	**678**	**71**	**749**			**385**	**364**
	Oct 2019	42	45	5	49	49	0	49	6753.04	17	30	19
	Nov 2019	36	14	4	18	18	0	18	6753.04	17	0	18
	Dec 2019	32	14	5	18	18	0	18	6753.04	17	0	18
	Jan 2020	31	14	5	18	18	0	18	6753.04	17	0	18
	Feb 2020	29	13	4	17	17	0	17	6753.04	17	0	17
	Mar 2020	46	21	6	28	28	0	28	6753.04	17	5	23
	Apr 2020	101	53	12	65	65	0	65	6753.04	17	42	23
	May 2020	281	193	34	227	134	93	227	6753.04	17	62	165

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2018 24-Month Study

Most Probable Inflow*

Vallecito Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jun 2017	72	57	7664.54	124
H	Jul 2017	30	39	7660.94	115
I	Aug 2017	19	33	7655.15	100
S	Sep 2017	9	34	7644.31	74
	WY 2017	**303**	**297**		
T	Oct 2017	9	22	7638.22	61
O	Nov 2017	5	2	7639.49	63
R	Dec 2017	3	1	7640.27	65
I	Jan 2018	3	0	7641.42	67
C	Feb 2018	3	0	7642.57	70
A	Mar 2018	4	0	7644.11	73
L	Apr 2018	15	3	7649.29	85
*	May 2018	29	29	7648.91	84
	Jun 2018	29	30	7648.29	83
	Jul 2018	10	28	7639.83	64
	Aug 2018	6	26	7629.23	43
	Sep 2018	7	21	7620.33	30
	WY 2018	**122**	**164**		
	Oct 2018	7	12	7616.29	24
	Nov 2018	4	2	7618.02	27
	Dec 2018	3	2	7618.90	28
	Jan 2019	3	2	7619.75	29
	Feb 2019	2	2	7619.95	29
	Mar 2019	4	2	7621.44	31
	Apr 2019	16	2	7630.19	45
	May 2019	54	31	7641.59	68
	Jun 2019	63	44	7649.73	86
	Jul 2019	25	42	7642.13	69
	Aug 2019	16	38	7631.08	47
	Sep 2019	13	30	7620.54	30
	WY 2019	**210**	**207**		
	Oct 2019	13	17	7617.20	26
	Nov 2019	8	2	7621.85	32
	Dec 2019	6	2	7624.83	36
	Jan 2020	5	2	7627.01	40
	Feb 2020	5	2	7628.74	43
	Mar 2020	9	2	7632.44	49
	Apr 2020	23	2	7642.85	70
	May 2020	71	70	7643.35	72

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2018 24-Month Study

Most Probable Inflow*

Navajo Reservoir

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azetea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Farmington Flow (1000 Ac-Ft)
*	Jun 2017	231	46	166	5	40	259	6063.90	1398	449
H	Jul 2017	49	11	48	4	43	38	6061.00	1361	88
I	Aug 2017	30	5	38	4	35	36	6058.07	1323	55
S	Sep 2017	9	2	33	3	23	42	6055.28	1289	48
	WY 2017	**1157**	**160**	**991**	**28**	**198**	**785**			**1410**
T	Oct 2017	38	2	49	2	8	32	6055.89	1296	52
O	Nov 2017	19	0	16	1	0	25	6055.04	1286	41
R	Dec 2017	10	0	9	1	0	24	6053.69	1270	40
I	Jan 2018	12	0	9	1	0	23	6052.47	1255	40
C	Feb 2018	14	0	11	1	1	18	6051.73	1246	33
A	Mar 2018	24	2	19	2	6	21	6050.92	1236	30
L	Apr 2018	70	13	46	2	20	38	6049.73	1222	42
*	May 2018	88	16	71	3	36	32	6049.80	1223	71
	Jun 2018	10	3	8	4	50	34	6042.86	1144	59
	Jul 2018	6	0	24	4	56	47	6035.22	1062	59
	Aug 2018	25	0	45	3	47	46	6030.25	1011	59
	Sep 2018	25	0	39	2	26	31	6028.15	990	44
	WY 2018	**341**	**36**	**347**	**24**	**250**	**372**			**571**
	Oct 2018	22	0	27	1	10	26	6027.10	980	38
	Nov 2018	20	0	18	1	0	21	6026.72	976	29
	Dec 2018	15	0	14	0	0	22	6025.88	968	29
	Jan 2019	15	0	14	0	0	22	6025.04	960	28
	Feb 2019	19	0	19	1	0	19	6024.88	958	24
	Mar 2019	54	0	52	1	5	22	6027.32	982	32
	Apr 2019	110	2	94	2	21	21	6032.30	1032	50
	May 2019	230	7	200	3	36	22	6045.36	1172	134
	Jun 2019	180	3	158	4	52	29	6051.70	1246	148
	Jul 2019	35	0	52	4	57	31	6048.30	1206	81
	Aug 2019	30	0	52	3	48	36	6045.26	1171	65
	Sep 2019	30	0	47	2	26	37	6043.55	1152	60
	WY 2019	**760**	**12**	**745**	**23**	**254**	**306**			**716**
	Oct 2019	37	0	42	2	10	47	6042.05	1135	70
	Nov 2019	30	0	24	1	0	34	6041.09	1125	50
	Dec 2019	25	0	21	1	0	25	6040.63	1120	40
	Jan 2020	22	0	18	1	0	22	6040.25	1116	36
	Feb 2020	30	0	27	1	0	30	6039.89	1112	43
	Mar 2020	92	0	86	1	6	92	6038.61	1098	114
	Apr 2020	170	2	146	2	22	170	6034.10	1050	223
	May 2020	277	7	269	3	36	277	6029.42	1003	423

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2018 24-Month Study

Most Probable Inflow*

Lake Powell

	Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry Gage (1000 Ac-Ft)
*	Jun 2017	3115	2680	51	749	0	749	3634.89	5286	15408	763
H	Jul 2017	1073	889	64	850	0	850	3634.69	5284	15385	875
I	Aug 2017	446	495	63	900	0	900	3630.88	5250	14952	929
S	Sep 2017	196	410	57	663	0	663	3628.31	5227	14664	671
	WY 2017	**11905**	**11396**	**409**	**8874**	**126**	**9000**				**9152**
T	Oct 2017	449	533	39	640	0	640	3627.09	5216	14530	634
O	Nov 2017	387	454	37	630	0	630	3625.29	5200	14332	619
R	Dec 2017	299	483	29	740	0	740	3622.85	5179	14068	733
I	Jan 2018	262	442	9	860	0	860	3619.14	5147	13672	861
C	Feb 2018	269	387	10	730	0	730	3616.02	5121	13346	750
A	Mar 2018	332	395	16	800	0	800	3612.23	5090	12956	835
L	Apr 2018	382	419	25	705	0	705	3609.39	5067	12669	738
*	May 2018	1214	968	29	705	0	705	3611.54	5085	12886	730
	Jun 2018	960	750	45	760	0	760	3611.04	5080	12835	768
	Jul 2018	247	369	53	860	0	860	3605.99	5040	12331	879
	Aug 2018	225	379	51	900	0	900	3600.53	4998	11801	918
	Sep 2018	225	357	46	671	0	671	3597.02	4971	11468	682
	WY 2018	**5251**	**5937**	**389**	**9000**	**0**	**9000**				**9145**
	Oct 2018	360	441	31	640	0	640	3594.74	4954	11255	646
	Nov 2018	380	425	30	640	0	640	3592.28	4936	11028	640
	Dec 2018	300	377	23	720	0	720	3588.53	4909	10688	725
	Jan 2019	280	357	7	860	0	860	3583.20	4871	10216	871
	Feb 2019	280	339	7	750	0	750	3578.70	4840	9829	754
	Mar 2019	460	498	12	800	0	800	3575.24	4817	9537	805
	Apr 2019	720	676	19	710	0	710	3574.65	4813	9488	718
	May 2019	1730	1568	23	710	0	710	3583.72	4875	10262	716
	Jun 2019	2380	1893	39	750	0	750	3595.06	4956	11285	758
	Jul 2019	800	734	48	850	0	850	3593.42	4944	11133	869
	Aug 2019	370	475	47	900	0	900	3588.61	4909	10695	918
	Sep 2019	340	453	43	670	0	670	3585.92	4890	10455	681
	WY 2019	**8400**	**8236**	**330**	**9000**	**0**	**9000**				**9100**
	Oct 2019	455	524	29	640	0	640	3584.40	4879	10321	646
	Nov 2019	447	477	28	640	0	640	3582.38	4865	10144	640
	Dec 2019	363	412	22	720	0	720	3578.82	4841	9839	725
	Jan 2020	361	406	6	860	0	860	3573.74	4807	9413	871
	Feb 2020	393	429	7	750	0	750	3570.03	4782	9110	754
	Mar 2020	665	600	11	800	0	800	3567.59	4767	8914	805
	Apr 2020	1056	958	18	710	0	710	3570.25	4784	9127	718
	May 2020	2343	2215	23	710	0	710	3586.42	4894	10500	716

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2018 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Glen Release (1000 Ac-Ft)	Side Inflow Glen to Hoover (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Jun 2017	749	17	53	864	14.5	29	864	648	1079.52	9971
H	Jul 2017	850	89	66	885	14.4	31	885	646	1079.03	9931
I	Aug 2017	900	94	70	683	11.1	28	683	658	1081.44	10131
S	Sep 2017	663	70	58	600	10.1	21	591	662	1082.05	10182
	WY 2017	**9000**	**995**	**541**	**8620**		**236**	**8591**			
T	Oct 2017	640	44	43	596	9.7	23	595	663	1082.30	10202
O	Nov 2017	630	40	42	731	12.3	16	731	656	1080.95	10090
R	Dec 2017	740	43	37	594	9.7	12	593	664	1082.52	10221
I	Jan 2018	860	78	30	449	7.3	10	448	692	1087.50	10642
C	Feb 2018	730	60	28	687	12.4	10	693	696	1088.21	10703
A	Mar 2018	800	70	32	833	13.5	14	832	695	1088.11	10694
L	Apr 2018	705	43	39	1015	17.1	21	1015	675	1084.49	10387
*	May 2018	705	23	44	1055	17.1	29	1054	651	1080.00	10011
	Jun 2018	760	12	53	963	16.2	33	963	634	1076.84	9751
	Jul 2018	860	81	65	862	14.0	36	862	632	1076.59	9730
	Aug 2018	900	112	70	726	11.8	34	726	644	1078.67	9901
	Sep 2018	671	105	58	799	13.4	27	799	637	1077.44	9800
	WY 2018	**9000**	**711**	**541**	**9310**		**266**	**9311**			
	Oct 2018	640	69	42	603	9.8	28	603	639	1077.86	9834
	Nov 2018	640	61	42	727	12.2	21	727	634	1076.83	9750
	Dec 2018	720	50	36	645	10.5	14	645	638	1077.68	9820
	Jan 2019	860	78	30	619	10.1	12	619	655	1080.83	10080
	Feb 2019	750	93	27	685	12.3	14	685	662	1082.15	10190
	Mar 2019	800	56	31	1055	17.2	21	1055	647	1079.31	9954
	Apr 2019	710	48	38	1059	17.8	23	1059	625	1075.17	9615
	May 2019	710	31	43	967	15.7	27	967	607	1071.72	9337
	Jun 2019	750	12	51	907	15.2	33	907	593	1069.01	9121
	Jul 2019	850	81	63	826	13.4	36	826	593	1069.09	9127
	Aug 2019	900	112	68	740	12.0	34	740	604	1071.10	9287
	Sep 2019	670	105	56	734	12.3	27	734	601	1070.61	9248
	WY 2019	**9000**	**796**	**526**	**9567**		**291**	**9567**			
	Oct 2019	640	69	41	510	8.3	28	510	609	1072.14	9370
	Nov 2019	640	61	41	670	11.3	21	670	607	1071.78	9341
	Dec 2019	720	50	35	594	9.7	14	594	615	1073.26	9460
	Jan 2020	860	78	29	607	9.9	14	607	632	1076.59	9731
	Feb 2020	750	93	27	663	11.5	17	663	641	1078.15	9858
	Mar 2020	800	56	30	988	16.1	22	988	630	1076.05	9686
	Apr 2020	710	48	37	997	16.8	25	997	611	1072.54	9403
	May 2020	710	31	42	917	14.9	31	917	596	1069.62	9169

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2018 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Jun 2017	864	-6	25	853	0	853	14.3	643.01	1699
H	Jul 2017	885	-5	26	809	0	809	13.2	644.65	1744
I	Aug 2017	683	-8	23	707	0	707	11.5	642.64	1689
S	Sep 2017	600	-11	18	656	0	656	11.0	639.47	1603
	WY 2017	**8620**	**-183**	**199**	**8261**	**0**	**8261**			
T	Oct 2017	596	-2	15	671	0	671	10.9	636.00	1512
O	Nov 2017	731	-18	11	595	0	595	10.0	640.07	1619
R	Dec 2017	594	-16	9	552	0	552	9.0	640.68	1636
I	Jan 2018	449	2	10	437	0	437	7.1		1641
C	Feb 2018	687	-4	10	611	0	611	11.0	643.18	1704
A	Mar 2018	833	-1	13	836	0	836	13.6	642.57	1687
L	Apr 2018	1015	-3	17	1001	0	1001	16.8	642.40	1682
*	May 2018	1055	-11	22	1001	0	1001	16.3	643.17	1703
	Jun 2018	963	-15	25	927	0	927	15.6	643.00	1699
	Jul 2018	862	-15	25	835	0	835	13.6	642.50	1685
	Aug 2018	726	-12	23	705	0	705	11.5	642.00	1671
	Sep 2018	799	-12	18	822	0	822	13.8	640.01	1617
	WY 2018	**9310**	**-107**	**198**	**8990**	**0**	**8990**			
	Oct 2018	603	-4	15	767	0	767	12.5	633.00	1434
	Nov 2018	727	-12	10	653	0	653	11.0	635.00	1486
	Dec 2018	645	-12	9	527	0	527	8.6	638.71	1583
	Jan 2019	619	-19	10	507	0	507	8.2	641.80	1666
	Feb 2019	685	-15	10	660	0	660	11.9	641.80	1666
	Mar 2019	1055	-17	13	990	0	990	16.1	643.05	1700
	Apr 2019	1059	-20	17	1024	0	1024	17.2	643.00	1699
	May 2019	967	-12	22	933	0	933	15.2	643.00	1699
	Jun 2019	907	-15	25	867	0	867	14.6	643.00	1699
	Jul 2019	826	-15	25	812	0	812	13.2	642.00	1671
	Aug 2019	740	-12	23	706	0	706	11.5	642.00	1671
	Sep 2019	734	-12	18	757	0	757	12.7	640.01	1618
	WY 2019	**9567**	**-166**	**197**	**9202**	**0**	**9202**			
	Oct 2019	510	-4	15	675	0	675	11.0	633.00	1434
	Nov 2019	670	-12	10	595	0	595	10.0	635.00	1486
	Dec 2019	594	-12	9	476	0	476	7.7	638.71	1583
	Jan 2020	607	-19	10	495	0	495	8.1	641.80	1666
	Feb 2020	663	-15	10	638	0	638	11.1	641.80	1666
	Mar 2020	988	-17	13	923	0	923	15.0	643.05	1700
	Apr 2020	997	-20	17	962	0	962	16.2	643.00	1699
	May 2020	917	-12	22	882	0	882	14.3	643.00	1699

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3063

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2018 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	Jun 2017	853	0	15	689	11.6	57	79	448.41	588	126	2.1
H	Jul 2017	809	18	17	666	10.8	58	71	448.63	592	131	2.1
I	Aug 2017	707	12	17	570	9.3	58	70	448.28	585	102	1.7
S	Sep 2017	656	16	15	481	8.1	56	134	447.17	564	104	1.7
	WY 2017	**8261**	**220**	**140**	**6204**		**664**	**1406**			**1513**	
T	Oct 2017	671	9	12	478	7.8	69	131	446.27	548	65	1.1
O	Nov 2017	595	12	9	349	5.9	89	127	447.86	577	99	1.7
R	Dec 2017	552	17	7	335	5.5	100	144	446.80	557	109	1.8
I	Jan 2018	437	3	6	329	5.3	29	90	445.81	539	125	2.0
C	Feb 2018	611	3	8	429	7.7	12	109	448.52	590	145	2.6
A	Mar 2018	836	-3	9	637	10.4	61	139	447.46	570	195	3.2
L	Apr 2018	1001	-8	11	735	12.4	75	168	447.13	564	175	2.9
*	May 2018	1001	10	13	697	11.3	87	178	448.51	590	124	2.0
	Jun 2018	927	13	16	740	12.4	82	85	448.70	593	136	2.3
	Jul 2018	835	21	17	680	11.1	85	74	448.00	580	132	2.2
	Aug 2018	705	23	17	590	9.6	85	33	447.50	571	93	1.5
	Sep 2018	822	17	15	533	9.0	96	185	447.50	570	96	1.6
	WY 2018	**8990**	**116**	**139**	**6532**		**871**	**1463**			**1495**	
	Oct 2018	767	23	12	487	7.9	99	185	447.50	571	65	1.1
	Nov 2018	653	16	9	391	6.6	78	185	447.50	571	99	1.7
	Dec 2018	527	18	7	287	4.7	81	185	446.50	552	109	1.8
	Jan 2019	507	21	6	318	5.2	78	121	446.50	552	138	2.2
	Feb 2019	660	11	8	485	8.7	51	121	446.50	552	160	2.9
	Mar 2019	990	7	9	718	11.7	69	189	446.70	555	198	3.2
	Apr 2019	1024	16	11	710	11.9	88	184	448.70	593	175	2.9
	May 2019	933	15	13	642	10.4	90	189	448.70	593	104	1.7
	Jun 2019	867	13	16	683	11.5	88	79	448.70	593	105	1.8
	Jul 2019	812	21	17	647	10.5	90	79	448.00	580	111	1.8
	Aug 2019	706	23	17	589	9.6	90	29	447.50	571	100	1.6
	Sep 2019	757	17	15	509	8.6	88	152	447.50	570	89	1.5
	WY 2019	**9202**	**200**	**139**	**6467**		**992**	**1699**			**1453**	
	Oct 2019	675	23	12	490	8.0	48	141	447.50	571	74	1.2
	Nov 2019	595	16	9	408	6.9	48	141	447.50	571	116	1.9
	Dec 2019	476	18	7	313	5.1	48	141	446.50	552	131	2.1
	Jan 2020	495	21	6	313	5.1	86	106	446.50	552	134	2.2
	Feb 2020	638	11	8	479	8.3	57	100	446.50	552	155	2.7
	Mar 2020	923	7	9	708	11.5	76	125	446.70	555	191	3.1
	Apr 2020	962	16	11	699	11.7	97	125	448.70	593	168	2.8
	May 2020	882	15	13	635	10.3	99	137	448.70	593	100	1.6

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2018 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Jun 2017	864	14.5	1079.52	9971	-169	433.52	1500.0	335.0	94	387.5
H	Jul 2017	885	14.4	1079.03	9931	-40	432.24	1499.0	341.1	94	385.5
I	Aug 2017	683	11.1	1081.44	10131	200	436.25	1478.1	261.0	93	382.0
S	Sep 2017	600	10.1	1082.05	10182	51	440.10	976.1	230.7	66	384.8
	WY 2017	**8620**							**3347.1**		
T	Oct 2017	596	9.7	1082.30	10202	21	441.43	976.1	229.0	66	384.2
O	Nov 2017	731	12.3	1080.95	10090	-113	435.01	996.0	287.9	63	393.6
R	Dec 2017	594	9.7	1082.52	10221	131	439.05	821.0	235.7	52	396.6
I	Jan 2018	449	7.3	1087.50	10642	421	442.14	834.0	176.5	51	392.9
C	Feb 2018	687	12.4	1088.21	10703	61	441.97	1220.1	275.0	75	400.3
A	Mar 2018	833	13.5	1088.11	10694	-9	442.23	1005.9	333.9	62	400.8
L	Apr 2018	1015	17.1	1084.49	10387	-308	437.15	880.9	406.2	55	400.0
*	May 2018	1055	17.1	1080.00	10011	-376	432.39	1385.9	412.1	88	390.8
	Jun 2018	963	16.2	1076.84	9751	-260	424.90	1552.0	365.6	100	379.6
	Jul 2018	862	14.0	1076.59	9730	-21	423.43	1552.0	333.6	100	387.1
	Aug 2018	726	11.8	1078.67	9901	171	424.66	1562.0	277.0	100	381.4
	Sep 2018	799	13.4	1077.44	9800	-101	425.89	1562.0	309.6	100	387.8
	WY 2018	**9310**							**3642.1**		
	Oct 2018	603	9.8	1077.86	9834	34	431.26	1052.9	234.6	67	389.2
	Nov 2018	727	12.2	1076.83	9750	-84	434.66	842.0	292.0	54	401.5
	Dec 2018	645	10.5	1077.68	9820	70	430.60	1153.1	252.0	74	390.6
	Jan 2019	619	10.1	1080.83	10080	260	431.55	990.0	242.3	63	391.7
	Feb 2019	685	12.3	1082.15	10190	109	432.77	999.0	271.9	63	397.1
	Mar 2019	1055	17.2	1079.31	9954	-235	431.53	1000.0	422.9	63	400.9
	Apr 2019	1059	17.8	1075.17	9615	-340	425.74	1265.0	412.9	82	389.9
	May 2019	967	15.7	1071.72	9337	-278	421.98	1247.0	373.4	82	386.1
	Jun 2019	907	15.2	1069.01	9121	-216	416.98	1499.0	341.8	100	376.7
	Jul 2019	826	13.4	1069.09	9127	6	416.00	1512.0	312.7	100	378.8
	Aug 2019	740	12.0	1071.10	9287	160	417.36	1528.0	278.2	100	375.8
	Sep 2019	734	12.3	1070.61	9248	-39	418.76	1512.0	277.4	100	378.1
	WY 2019	**9567**							**3712.1**		
	Oct 2019	510	8.3	1072.14	9370	122	422.85	1341.0	196.0	88	384.0
	Nov 2019	670	11.3	1071.78	9341	-29	429.30	824.7	262.9	54	392.7
	Dec 2019	594	9.7	1073.26	9460	119	425.90	1128.3	227.4	74	382.9
	Jan 2020	607	9.9	1076.59	9731	270	427.25	972.0	235.1	63	387.2
	Feb 2020	663	11.5	1078.15	9858	128	428.67	977.1	258.8	63	390.4
	Mar 2020	988	16.1	1076.05	9686	-172	427.92	979.8	388.7	63	393.6
	Apr 2020	997	16.8	1072.54	9403	-283	422.81	1242.6	383.0	82	384.0
	May 2020	917	14.9	1069.62	9169	-233	419.63	1230.6	349.7	82	381.4

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2018 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Jun 2017	853	14.3	643.01	1699	-20	141.59	255.0	107.4	100	126.0
H	Jul 2017	809	13.2	644.65	1744	45	143.65	255.0	101.5	100	125.5
I	Aug 2017	707	11.5	642.64	1689	-55	143.10	255.0	89.9	100	127.1
S	Sep 2017	656	11.0	639.47	1603	-86	138.07	253.3	83.2	99	126.8
	WY 2017	**8261**							**1061.4**		
T	Oct 2017	671	10.9	636.00	1512	-91	134.26	179.3	81.3	70	121.3
O	Nov 2017	595	10.0	640.07	1619	107	138.81	151.3	73.1	59	122.7
R	Dec 2017	552	9.0	640.68	1636	17	139.44	131.6	69.5	52	126.0
I	Jan 2018	437	7.1		1641	5	141.78	159.6	55.0	63	125.9
C	Feb 2018	611	11.0	643.18	1704	63	142.18	162.1	76.6	64	125.4
A	Mar 2018	836	13.6	642.57	1687	-17	139.99	189.2	105.4	74	126.1
L	Apr 2018	1001	16.8	642.40	1682	-5	141.14	207.4	125.1	81	125.0
*	May 2018	1001	16.3	643.17	1703	21	141.89	204.0	126.2	80	126.1
	Jun 2018	927	15.6	643.00	1699	-5	136.13	255.0	116.1	100	125.2
	Jul 2018	835	13.6	642.50	1685	-14	135.78	255.0	104.7	100	125.5
	Aug 2018	705	11.5	642.00	1671	-14	135.25	255.0	88.7	100	125.8
	Sep 2018	822	13.8	640.01	1617	-54	133.94	255.0	101.8	100	123.9
	WY 2018	**8990**							**1123.4**		
	Oct 2018	767	12.5	633.00	1434	-183	130.59	207.3	92.3	81	120.3
	Nov 2018	653	11.0	635.00	1486	51	129.19	170.0	77.4	67	118.5
	Dec 2018	527	8.6	638.71	1583	97	132.25	167.8	64.3	66	122.0
	Jan 2019	507	8.2	641.80	1666	83	134.43	210.6	63.4	83	125.2
	Feb 2019	660	11.9	641.80	1666	0	136.73	187.6	82.6	74	125.2
	Mar 2019	990	16.1	643.05	1700	34	137.26	190.8	123.2	75	124.4
	Apr 2019	1024	17.2	643.00	1699	-1	136.07	255.0	127.6	100	124.6
	May 2019	933	15.2	643.00	1699	0	136.04	255.0	116.8	100	125.2
	Jun 2019	867	14.6	643.00	1699	0	136.04	255.0	108.7	100	125.4
	Jul 2019	812	13.2	642.00	1671	-27	135.51	255.0	101.9	100	125.4
	Aug 2019	706	11.5	642.00	1671	0	134.99	255.0	88.6	100	125.5
	Sep 2019	757	12.7	640.01	1618	-54	133.94	255.0	94.0	100	124.2
	WY 2019	**9202**							**1140.8**		
	Oct 2019	675	11.0	633.00	1434	-183	130.59	207.3	81.5	81	120.8
	Nov 2019	595	10.0	635.00	1486	51	129.19	170.0	70.8	67	118.9
	Dec 2019	476	7.7	638.71	1583	97	132.25	167.8	58.2	66	122.3
	Jan 2020	495	8.1	641.80	1666	83	133.85	230.3	62.1	90	125.3
	Feb 2020	638	11.1	641.80	1666	0	136.73	187.6	80.1	74	125.5
	Mar 2020	923	15.0	643.05	1700	34	137.26	190.8	115.1	75	124.8
	Apr 2020	962	16.2	643.00	1699	-1	136.07	255.0	120.2	100	124.9
	May 2020	882	14.3	643.00	1699	0	136.04	255.0	110.7	100	125.5

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2018 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Jun 2017	689	11.6	448.41	588	2	80.56	120.0	48.1	100	69.9
H	Jul 2017	666	10.8	448.63	592	4	82.74	120.0	46.5	100	69.9
I	Aug 2017	570	9.3	448.28	585	-7	82.37	120.0	39.9	100	70.0
S	Sep 2017	481	8.1	447.17	564	-21	81.08	120.0	33.8	100	70.2
	WY 2017	**6204**							**434.1**		
T	Oct 2017	478	7.8	446.27	548	-17	80.03	92.9	33.6	77	70.4
O	Nov 2017	349	5.9	447.86	577	30	81.65	90.0	24.1	75	69.2
R	Dec 2017	335	5.5	446.80	557	-20	81.55	92.9	22.5	77	67.0
I	Jan 2018	329	5.3	445.81	539	-18	80.05	117.1	22.8	98	69.2
C	Feb 2018	429	7.7	448.52	590	50	81.30	92.1	30.3	77	70.6
A	Mar 2018	638	10.4	447.46	570	-20	81.79	102.6	44.9	85	70.4
L	Apr 2018	735	12.4	447.13	564	-6	81.11	120.0	50.8	100	69.1
*	May 2018	697	11.3	448.51	590	26	82.36	120.0	48.5	100	69.6
	Jun 2018	740	12.4	448.70	593	4	75.96	120.0	49.3	100	66.6
	Jul 2018	680	11.1	448.00	580	-13	75.71	120.0	45.0	100	66.2
	Aug 2018	590	9.6	447.50	571	-9	75.13	120.0	38.6	100	65.4
	Sep 2018	533	9.0	447.50	570	0	74.89	120.0	34.7	100	65.1
	WY 2018	**6532**							**445.0**		
	Oct 2018	487	7.9	447.50	571	0	76.19	91.9	32.1	77	66.0
	Nov 2018	391	6.6	447.50	571	0	75.83	99.0	25.4	83	65.0
	Dec 2018	287	4.7	446.50	552	-19	74.40	120.0	18.0	100	62.6
	Jan 2019	318	5.2	446.50	552	0	75.02	95.8	20.2	80	63.6
	Feb 2019	485	8.7	446.50	552	0	75.21	92.1	31.8	77	65.5
	Mar 2019	718	11.7	446.70	555	4	74.34	112.3	46.9	94	65.3
	Apr 2019	710	11.9	448.70	593	38	75.08	120.0	46.7	100	65.8
	May 2019	642	10.4	448.70	593	0	76.05	120.0	42.6	100	66.3
	Jun 2019	683	11.5	448.70	593	0	76.05	120.0	45.4	100	66.5
	Jul 2019	647	10.5	448.00	580	-13	75.71	120.0	42.7	100	66.1
	Aug 2019	589	9.6	447.50	571	-9	75.13	120.0	38.5	100	65.4
	Sep 2019	509	8.6	447.50	570	0	74.89	120.0	33.1	100	65.0
	WY 2019	**6467**							**423.5**		
	Oct 2019	490	8.0	447.50	571	0	76.29	90.0	32.4	75	66.1
	Nov 2019	408	6.9	447.50	571	0	76.14	93.0	26.7	78	65.5
	Dec 2019	313	5.1	446.50	552	-19	74.40	120.0	19.7	100	63.0
	Jan 2020	313	5.1	446.50	552	0	75.02	95.8	19.9	80	63.6
	Feb 2020	479	8.3	446.50	552	0	75.21	92.1	31.3	77	65.4
	Mar 2020	708	11.5	446.70	555	4	74.34	112.3	46.2	94	65.3
	Apr 2020	699	11.7	448.70	593	38	75.08	120.0	46.0	100	65.8
	May 2020	635	10.3	448.70	593	0	76.05	120.0	42.1	100	66.3

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2018 24-Month Study

Most Probable Inflow*

Upper Basin Power

	Date	Glen Canyon 1000 MWHR	Flaming Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Reservoir 1000 MWHR	Fontenelle Reservoir 1000 MWHR
*	Jun 2017	346	102	40	66	8	6
H	Jul 2017	399	71	35	13	18	8
I	Aug 2017	421	56	34	0	22	9
S	Sep 2017	306	56	35	33	22	6
	Summer 2017	**2033**	**492**	**202**	**207**	**93**	**33**
T	Oct 2017	294	42	30	37	21	7
O	Nov 2017	288	55	12	14	8	7
R	Dec 2017	339	68	27	33	19	6
I	Jan 2018	394	68	17	21	12	6
C	Feb 2018	335	60	9	12	3	5
A	Mar 2018	364	41	12	16	9	1
	Winter 2018	**2013**	**334**	**107**	**133**	**71**	**31**
L	Apr 2018	318	39	23	27	16	5
*	May 2018	318	63	23	33	20	7
	Jun 2018	308	47	26	34	17	9
	Jul 2018	346	41	28	36	18	10
	Aug 2018	358	41	22	29	14	9
	Sep 2018	264	40	20	27	13	6
	Summer 2018	**1913**	**270**	**141**	**186**	**98**	**46**
	Oct 2018	251	41	12	16	8	6
	Nov 2018	250	39	5	7	4	6
	Dec 2018	279	41	5	7	4	6
	Jan 2019	330	41	5	7	4	5
	Feb 2019	285	37	5	6	3	4
	Mar 2019	301	59	6	9	5	5
	Winter 2019	**1695**	**258**	**37**	**53**	**27**	**31**
	Apr 2019	266	58	13	20	10	5
	May 2019	268	74	45	67	23	6
	Jun 2019	290	51	12	22	15	9
	Jul 2019	332	36	21	28	14	10
	Aug 2019	349	36	22	28	14	9
	Sep 2019	258	35	20	25	13	6
	Summer 2019	**1763**	**290**	**134**	**190**	**90**	**44**
	Oct 2019	245	36	12	16	9	6
	Nov 2019	244	35	3	5	3	6
	Dec 2019	272	36	3	5	3	6
	Jan 2020	323	36	3	5	3	5
	Feb 2020	279	33	3	5	3	4
	Mar 2020	295	18	5	8	5	5
	Winter 2020	**1363**	**175**	**25**	**36**	**21**	**27**
	Apr 2020	262	17	12	19	11	5
	May 2020	268	47	50	69	23	7

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3063

Processed On: 6/12/2018 1:04:57PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2018 24-Month Study

Most Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions

Date	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Total KAF	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****EFFECTIVE SPACE****										
Jun 2018	539	317	473	11436	12764	17366	30130	340	-80	-48	212	11436	17366	29014	1500	963	0	30.6
Jul 2018	261	334	552	11487	12634	17626	30260	41	-66	-23	-48	11487	17626	29066	1500	862	0	29.9
								****CREDITABLE SPACE****										
Aug 2018	239	391	634	11991	13255	17647	30902	239	391	634	1264	11991	17647	30902	1500	726	0	29.4
Sep 2018	289	432	685	12521	13928	17476	31404	289	432	685	1407	12521	17476	31404	2270	799	0	28.7
Oct 2018	352	474	706	12854	14386	17577	31963	352	474	706	1532	12854	17577	31963	3040	603	0	28.3
Nov 2018	406	496	716	13067	14685	17543	32228	406	496	716	1618	13067	17543	32228	3810	727	0	28.0
Dec 2018	456	494	720	13294	14964	17627	32591	456	494	720	1670	13294	17627	32591	4580	645	0	27.7
Jan 2019	527	494	728	13634	15383	17557	32940	527	494	728	1749	13634	17557	32940	5350	619	0	27.5
								****EFFECTIVE SPACE****										
Jan 2019	527	494	728	13634	15383	17557	32940	62	227	423	712	13634	17557	31903	5350	619	0	27.5
Feb 2019	593	499	736	14106	15935	17297	33232	128	231	431	790	14106	17297	32193	1500	685	0	27.2
Mar 2019	650	502	738	14493	16383	17187	33570	183	235	432	849	14493	17187	32530	1500	1055	0	26.6
Apr 2019	719	499	714	14785	16717	17423	34140	250	232	401	883	14785	17423	33091	1500	1059	0	26.3
May 2019	750	489	664	14834	16738	17762	34500	278	227	329	833	14834	17762	33429	1500	967	0	26.9
Jun 2019	766	493	524	14060	15843	18040	33883	287	222	150	659	14060	18040	32759	1500	907	0	28.2
Jul 2019	595	304	450	13037	14387	18256	32642	102	17	21	139	13037	18256	31432	1500	826	0	28.1
								****CREDITABLE SPACE****										
Aug 2019	511	280	490	13189	14470	18250	32720	511	280	490	1281	13189	18250	32720	1500	740	0	27.7
Sep 2019	549	297	525	13627	14997	18090	33087	549	297	525	1370	13627	18090	33087	2270	734	0	27.2
Oct 2019	605	323	544	13867	15339	18129	33468	605	323	544	1472	13867	18129	33468	3040	510	0	26.9
Nov 2019	655	329	561	14001	15546	18007	33553	655	329	561	1545	14001	18007	33553	3810	670	0	26.8
Dec 2019	704	311	571	14178	15764	18036	33799	704	311	571	1586	14178	18036	33799	4580	594	0	26.6
Jan 2020	769	296	576	14483	16125	17917	34041	769	296	576	1642	14483	17917	34041	5350	607	0	26.5
								****EFFECTIVE SPACE****										
Jan 2020	769	296	576	14483	16125	17917	34041	458	295	-36	716	14483	17917	33116	5350	607	0	26.5
Feb 2020	828	283	580	14909	16601	17646	34247	516	282	-32	765	14909	17646	33321	1500	663	0	26.3
Mar 2020	878	270	584	15212	16945	17519	34463	563	270	-29	804	15212	17519	33535	1500	988	0	26.0
Apr 2020	831	249	598	15408	17086	17691	34777	511	249	-23	736	15408	17691	33836	1500	997	0	26.0
May 2020	754	215	646	15195	16809	17974	34783	425	215	1	641	15195	17974	33810	1500	917	0	27.3

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3063

Processed On: 6/12/2018 1:04:57PM

July 24-Month Study
Date: July 13, 2018

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

Reservoir	June Inflow (unregulated) (acre-feet)	Percent of Average (%)	July 12, Midnight Elevation (feet)	July 12, Midnight Reservoir Storage (acre-feet)
Fontenelle	404,000	135	6,502.21	315,000
Flaming Gorge	435,000	112	6,034.97	3,545,000
Blue Mesa	56,000	21	7,470.91	442,000
Navajo	5,000	2	6,041.81	1,126,000
Powell	883,000	33	3,607.58	12,488,000

Expected Operations

The operation of Lake Powell and Lake Mead in this July 2018 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines), and reflects the 2018 Annual Operating Plan (AOP). Pursuant to the Interim Guidelines, the August 2017 24-Month Study projections of the January 1, 2018, system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2018.

Consistent with Section 6.B of the Interim Guidelines, the Lake Powell's operational tier in water year 2018 is the Upper Elevation Balancing Tier. With an 8.23 million acre-feet (maf) release from Lake Powell in water year 2018, the April 2018 24-Month Study projected the end of water year elevation at Lake Powell to be above 3,575 feet above sea level (feet), and the end of water year elevation at Lake Mead to be below 1,075 feet. Therefore, in accordance with Section 6.B.4 of the Interim Guidelines, Lake Powell operations shifted to balancing releases for the remainder of water year 2018. Under Section 6.B.4, the contents of Lake Powell and Lake Mead will be balanced by the end of the water year, but not more than 9.0 maf and not less than 8.23 maf shall be released from Lake Powell. Based on the most probable inflow forecast, this July 24-Month Study projects a balancing release of 9.0 maf in water year 2018.

Consistent with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar year 2018.

The Interim Guidelines are available for download at:
https://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The 2018 AOP is available for download at:
https://www.usbr.gov/lc/region/g4000/aop/AOP18.pdf

Fontenelle Reservoir – Fontenelle Reservoir is currently at elevation 6500.80 feet, which amounts to 88 percent of live storage capacity. Inflows for the month of June totaled 403,585 acre-feet (af), or 135 percent of average. Average inflows are occurring and releases are being adjusted to maintain capacity in the reservoir. Releases are currently (July 9, 2018) 1,200 cfs.

The Colorado Basin River Forecast Center has forecasted summer inflows that are below average. July, August, and September forecasted inflow volumes amount to 136,000 af (77 percent of average), 70,000 af (91 percent of average), and 48,000 af (105 percent of average), respectively.

The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir. For more information on this group and these meetings please contact Dale Hamilton at 801-379-1186 or Jed Parker at 801-524-3816.

The next Fontenelle Working Group meeting is scheduled for 10:00 a.m., August 23, 2018. The meeting will be held at the Joint Powers Water Board at 2 Telephone Canyon Road in Green River, WY

Flaming Gorge Reservoir – Releases are currently 2,000 cfs with fluctuations for hydropower occurring between approximately 1,400 cfs and approximately 2,200 cfs. Average daily releases will likely remain at 2,000 cfs through the coming months.

Unregulated inflow into Flaming Gorge Reservoir during the month of June was 401,300 af, or 103 percent of average. The current reservoir elevation is 6,035.10 feet (95 percent of live capacity) and is decreasing.

The July final forecast for inflows for the next three months projects below conditions: July, August, and September forecasted inflow volumes at 142,000 af (68 percent of average), 73,000 af (82 percent of average), and 51,000 af (93 percent of average), respectively. The July water supply forecast of the April through July unregulated inflow volume into Flaming Gorge Reservoir is 1,120 thousand acre-feet (kaf) which is 114 percent of average.

The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stakeholders of Flaming Gorge Dam. The public is

encouraged to attend and comment on the operations and plans presented by Reclamation at these meetings. For more information on this group and these meetings please contact Dale Hamilton at 801-379-1186 or Jed Parker at 801-524-3816.

The next Flaming Gorge Working Group meeting on Tuesday, August 28, 2018 at 11:00 a.m. at the DWR Office, 318 North Vernal Avenue, Vernal, Utah.

Aspinall Unit Reservoirs – Releases from Crystal Dam are approximately 1,700 cfs. Uncompahgre Valley Water Users Association is diverting approximately 1,050 cfs through the Gunnison Tunnel and flows through the Black Canyon are approximately 730 cfs. There currently is about a 80 cfs gain to the Gunnison River between Crystal Dam and the Gunnison Tunnel Diversion. Blue Mesa Reservoir elevation is 7573.37 feet (as of July 5, 2018) which corresponds to storage content of 458,849 acre-feet (55 percent of capacity).

The June unregulated inflow to Blue Mesa Reservoir was 55,795 af (51 percent of average). Unregulated Inflows to Blue Mesa for the next three months (July, August and September) are projected to be: 28,000 af (24 percent of average), 26,000 af (41 percent of average) and 24,000 af (63 percent of average), respectively. For water year 2018, the unregulated inflow volume is forecasted to be 459,000 af (48 percent of average) with 244,000 af (36 percent of average) forecasted unregulated inflow during the April through July period. The July 24-Month Study is reflective of this new forecast. Conditions are clearly very dry and Blue Mesa Reservoir will not fill this year. Current projections indicate Blue Mesa storage will continue to decrease through the rest of water year 2018 ending on September 30, 2018 with a projected elevation and storage of 7450.5 feet and 315,000 af (38 percent of capacity), respectively.

The Aspinall Unit Working Group is an open public forum for information exchange between Reclamation and the stakeholders of the Aspinall Unit. The public is encouraged to attend and comments on the operations and plans presented by Reclamation at these meetings. Meeting notes from past working Group meetings are posted on the Working Group webpage. For more information on this group and these meetings please contact Erik Knight at 970-248-0629 or Rick Clayton at 801-524-3710.

Meeting notes from past working Group meetings are posted on the Working Group webpage at:

https://www.usbr.gov/uc/wcao/water/rsvrs/mtgs/amcurrnt.html

The next meeting of the Aspinall Unit Working Group will be held on Thursday, August 16, 2018 at 1:00 p.m. at the at the Elk Creek Visitor Center at Blue Mesa Reservoir.

Navajo Reservoir – The current (July 2, 2018) release rate from Navajo Dam is 950 cfs and the observed inflow to Navajo Reservoir is 240 cfs. The Navajo Indian Irrigation Project (NIIP) is diverting 650 cfs. The reservoir elevation is 6043.7 feet which corresponds to a live storage of 1.154 maf (68 percent of live storage capacity). This

elevation also corresponds to an active storage of 0.485 maf (47 percent of active storage capacity). The river flow measured at the San Juan River at Four Corners USGS gage is 535 cfs. River flow at the Animas River at Farmington USGS gage is at 5 cfs. Releases from Navajo Dam are made for the authorized purposes of the Navajo Unit, and pursuant to the 2006 Record of Decision, to attempt to maintain a target base flow through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell). The San Juan River Basin Recovery Implementation Program (SJRIP) recommends a target base flow of between 500 cfs and 1,000 cfs through the critical habitat area. The target base flow is calculated as the weekly average of gaged flows throughout the critical habitat area.

Preliminary modified-unregulated inflow into Navajo in June was 5,819 af, which was 2 percent of average for the month. Modified-unregulated inflow to Navajo over the next three months (July, August, and September) are projected to be: 4,000 af (6 percent of average), 25,000 af (55 percent of average), and 25,000 af (58 percent of average), respectively.

The April-July modified-unregulated inflow runoff forecasts are as follows:

Min Probable: 165,000 af (22 percent of average, an increase of 4,000 af since the last forecast)
Most Probable: 168,000 af (23 percent of average, a decrease of 6,000 af since the last forecast)
Max Probable: 179,000 af (24 percent of average, a decrease of 12,000 af since the last forecast)

Releases for the remainder of the summer will be made to maintain the minimum target baseflow in the critical habitat reach and will likely range between 700 and 1,100 cfs.

Reclamation conducts Public Operations Meetings three times per year to gather input for determining upcoming operations for Navajo Reservoir. Input from individuals, organizations, and agencies along with other factors such as weather, water rights, endangered species requirements, flood control, hydro power, recreation, fish and wildlife management, and reservoir levels, will be considered in the development of these reservoir operation plans. In addition, the meetings are used to coordinate activities and exchange information among agencies, water users, and other interested parties concerning the San Juan River and Navajo Reservoir. For more information regarding these meetings contact Susan Behery at 970- 385-6560.

The next Navajo Public Operations Coordination Meeting is scheduled for Tuesday, August 21, 2018, at 1:00 p.m. at the Farmington Civic Center, Farmington, NM.

Glen Canyon Dam / Lake Powell

Current Status
The Department of the Interior is conducting the first experimental flow at Glen Canyon Dam since implementing its Long-Term Experimental and Management Plan (LTEMP).

The goal is to provide enhanced habitat for the lifecycle of aquatic insects that are the primary food source for fish in the Colorado River. Experiments under LTEMP consist of four different flow regimes: high flows, bug flows, trout management flows, and low summer flows. Collaborative discussions among technical experts resulted in a decision to begin this first experiment on May 1 and continue through August 31, 2018. It will slightly modify the schedule and flow rates of water releases from Lake Powell through Glen Canyon Dam, Arizona. The normally scheduled monthly and weekly release volumes will not be affected.

Flows during the experiment will include steady weekend water releases with routine hydropower production flows on weekdays that include normal hourly changes in release rates. Those steady weekend flows are expected to provide favorable conditions for aquatic insects to lay and cement their eggs to rocks, vegetation, and other materials near the river's edge. Steady weekend flows will be relatively low, within four inches of typical weekday low water levels. It is unlikely casual recreational river users will notice the changes in water levels.

Insects expected to benefit from this experiment are an important food source for many species of fish, birds, and bats in the canyon. Beyond expected resource benefits, this experiment will also provide scientific information that will be used in future decision making.

The unregulated inflow volume to Lake Powell during June was 883 kaf (33 percent of average). The release volume from Glen Canyon Dam in June was 760 kaf. The end of June elevation and storage of Lake Powell were 3,610 ft (90 feet from full pool) and 12.7 maf (52 percent of full capacity), respectively. The reservoir is projected to decline each month this water year with some reprieve during the smaller than normal spring runoff period.

Current Operations

The operating tier for water year 2018 was established in August 2017 as the Upper Elevation Balancing Tier. The April 2018 24-Month Study established that Lake Powell operations will be governed by balancing for the remainder of water year 2018. Under balancing, the contents of Lake Powell and Lake Mead will be balanced by the end of the water year, but not more than 9.0 maf and not less than 8.23 maf shall be released from Lake Powell. Based on the most probable inflow forecast, this June 24-Month Study projects a balancing release of 9.0 maf in water year 2018; the actual release in water year 2018, however, will depend on hydrology in the remainder of water year and will range from 8.23 to 9.0 maf. The projected release from Lake Powell in water year 2018 will be updated each month throughout the remainder of the water year. Reclamation will schedule operations at Glen Canyon Dam to achieve as practicably as possible the appropriate total annual release volume by September 30, 2018.

In July, the release volume will be approximately 860 kaf, with fluctuations anticipated between about 10,180 cfs in the nighttime to about 18,180 cfs in the daytime and consistent with the Glen Canyon Dam, Record of Decision (dated December 2016). The

anticipated release volume for August is 900 kaf with daily fluctuations between approximately 10,500 cfs and 18,500 cfs.

In addition to daily scheduled fluctuations for power generation, the instantaneous releases from Glen Canyon Dam may also fluctuate to provide 40 megawatts (mw) of system regulation. These instantaneous release adjustments stabilize the electrical generation and transmission system and translate to a range of about 1,200 cfs above or below the hourly scheduled release rate. Under system normal conditions, fluctuations for regulation are typically short lived and generally balance out over the hour with minimal or no noticeable impacts on downstream river flow conditions.

Releases from Glen Canyon Dam can also fluctuate beyond scheduled releases when called upon to respond to unscheduled power outages or power system emergencies. Depending on the severity of the system emergency, the response from Glen Canyon Dam can be significant, within the full range of the operating capacity of the power plant for as long as is necessary to maintain balance in the transmission system. Glen Canyon Dam currently maintains 30 mw (approximately 800 cfs) of generation capacity in reserve in order to respond to a system emergency even when generation rates are already high. System emergencies occur fairly infrequently and typically require small responses from Glen Canyon Dam. However, these responses can have a noticeable impact on the river downstream of Glen Canyon Dam.

Inflow Forecasts and Model Projections

The April to July 2018 water supply forecast for unregulated inflow to Lake Powell, issued on July 2, 2018, by the Colorado Basin River Forecast Center, projects that the most probable (median) unregulated inflow volume will be 2.675 maf (37 percent of average based on the period 1981-2010). The forecast decreased by 125 kaf since last month. There is still uncertainty regarding this year's water supply and the total inflow to Lake Powell. The spring runoff forecast ranges from a minimum probable of 2.34 maf (33 percent of average) to a maximum probable of 3.37 maf (47 percent of average). There is 10 percent chance that inflows could be higher than the maximum probable and a 10 percent chance they could be lower than the minimum probable.

As determined in the August 2017 24-Month Study, and documented in the 2018 Annual Operating Plan, Lake Powell's operations in water year 2018 will be governed by the Upper Elevation Balancing Tier. Starting with an 8.23 million acre-feet (maf) release from Lake Powell in water year 2018, the April 2018 24-Month Study projected the end of water year elevation at Lake Powell to be above 3,575 feet and the end of water year elevation at Lake Mead to be below 1,075 feet. Therefore, in accordance with Section 6.B.4 of the Interim Guidelines, Lake Powell operations shifted to balancing releases for the remainder of water year 2018. Under balancing, the contents of Lake Powell and Lake Mead will be balanced by the end of the water year, but not more than 9.0 maf and not less than 8.23 maf shall be released from Lake Powell.

Based on the July most probable inflow forecast, the annual release volume from Lake Powell during water year 2018 is projected to be 9.0 maf. Under the minimum probable

inflow scenario, the water year release is projected to be 9.0 maf. Under the maximum probable inflow scenario, the release is projected to be 9.0 maf. There is 10 percent chance that inflows will be lower than the current minimum probable forecast, potentially resulting in lower releases. However, inflows to Lake Powell so far this water year have been sufficient enough to preclude any release less than 9.0 maf. If inflows are greater than the current forecasted maximum probable inflow, the annual release will be 9.0 maf.

Based on the current forecast, the July 24-Month Study projects Lake Powell elevation will end water year 2018 near 3,596 feet with approximately 11.36 maf in storage (47 percent capacity). Projections of elevation and storage still have significant uncertainty at this point in the season, primarily due to uncertainty regarding spring runoff and the resulting inflow to Lake Powell. Under the minimum probable inflow scenario, updated in April, the projected end of water year elevation and storage are 3,589 feet and 10.7 maf (44 percent capacity), respectively. Under the maximum probable inflow scenario, updated in April, the projected end of water year elevation and storage are 3616 feet and 13.3 maf (55 percent capacity), respectively. Modeling of projected reservoir operations based on the minimum and maximum scenarios will be updated again in August.

Upper Colorado River Basin Hydrology

The Upper Colorado River Basin regularly experiences significant year to year hydrologic variability. During the 18-year period 2000 to 2017, however, the unregulated inflow to Lake Powell, which is a good measure of hydrologic conditions in the Colorado River Basin, was above average in only 4 out of the past 18 years. The period 2000-2017 is the lowest 18-year period since the closure of Glen Canyon Dam in 1963, with an average unregulated inflow of 8.76 maf, or 81percent of the 30-year average (1981-2010). (For comparison, the 1981-2010 total water year average is 10.83 maf.) The unregulated inflow during the 2000-2017 period has ranged from a low of 2.64 maf (24 percent of average) in water year 2002 to a high of 15.97 maf (147 percent of average) in water year 2011. In water year 2017 unregulated inflow volume to Lake Powell was 11.9 maf (110 percent of average), the fourth year to be above average. Under the current most probable forecast, the total water year 2018 unregulated inflow to Lake Powell is projected to be 5.25 maf (48 percent of average).

At the beginning of water year 2018, total system storage in the Colorado River Basin was 32.9 maf (55 percent of 59.6 maf total system capacity). This is an increase of 2.7 maf over the total storage at the beginning of water year 2017 when total system storage was 30.2 maf (51 percent of capacity). Since the beginning of water year 2000, total Colorado Basin storage has experienced year to year increases and decreases in response to wet and dry hydrology, ranging from a high of 94 percent of capacity at the beginning of 2000 to a low of 50 percent of capacity at the beginning of water year 2005. One wet year can significantly increase total system reservoir storage, just as persistent dry years can draw down the system storage. Based on current inflow forecasts, the current projected end of water year total Colorado Basin reservoir storage for water year 2018 is approximately 29.0 maf (48 percent of total system capacity). The actual end of water year 2018 system storage may vary from this projection, primarily due to uncertainty regarding this season's runoff and reservoir inflow. Based on the April minimum and maximum probable inflow forecasts and modeling, the range of end of water year 2018

total system capacity is approximately 27.8 maf (47 percent of capacity) to 31.0 maf (52 percent of capacity), respectively.

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-430
125 SOUTH STATE STREET, ROOM 8100
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-3709

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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:	Obs			jun	Forecast			Outlook	
:	mar	apr	may	jun	%Avg	jul	aug	sep	apr-jul	%Avg
GLDA3:Lake Powell	332	382	1214	883	33%:	196/	215/	225/	2675/:	37%
GBRW4:Fontenelle	58	101	354	404	135%:	136/	70/	48/	995/:	137%
GRNU1:Flaming Gorge	86	121	422	435	111%:	142/	73/	51/	1120/:	114%
BMDC2:Blue Mesa	28	48	112	57	22%:	28/	26/	24/	245/:	36%
MPSC2:Morrow Point	29	54	121	57	20%:	28/	26/	26/	260/:	35%
CLSC2:Crystal	33	60	129	61	19%:	30/	28/	28/	280/:	34%
TPIC2:Taylor Park	4.6	8.5	24	13.2	32%:	6/	5/	5/	52/:	53%
VCRC2:Vallecito	3.9	14.9	29	11.7	17%:	5/	6/	7/	61/:	31%
NVRN5:Navajo	24	70	88	6.0	3%:	4/	25/	25/	168/:	23%
LEMC2:Lemon	0.61	3.1	7.5	2.3	11%:	1.1/	1.5/	1.5/	14/:	25%
MPHC2:McPhee	3.6	13.0	22	4.5	6%:	3/	3/	4/	43/:	15%
RBSC2:Ridgway	3.4	5.3	13.0	9.4	24%:	5/	4/	3/	33/:	33%

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2018 24-Month Study

Most Probable Inflow*

Fontenelle Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jul 2017	332	3	88	230	319	6503.83	328
H	Aug 2017	102	2	95	61	156	6496.34	271
I	Sep 2017	66	2	69	4	72	6495.21	263
	WY 2017	**2319**	**15**	**379**	**1890**	**2270**		
S	Oct 2017	73	1	80	0	80	6494.03	255
T	Nov 2017	62	1	78	0	78	6491.65	238
O	Dec 2017	46	1	72	8	80	6486.39	204
R	Jan 2018	42	1	79	1	80	6479.83	165
I	Feb 2018	38	0	72	0	72	6472.86	131
C	Mar 2018	58	0	16	56	71	6469.78	117
A	Apr 2018	101	1	83	4	87	6472.76	130
L	May 2018	354	2	100	123	223	6494.84	260
*	Jun 2018	404	2	101	269	370	6499.18	292
	Jul 2018	136	3	85	0	85	6505.44	341
	Aug 2018	70	2	74	0	74	6504.67	335
	Sep 2018	48	2	71	0	71	6501.43	310
	WY 2018	**1433**	**16**	**911**	**461**	**1371**		
	Oct 2018	52	1	74	0	74	6498.38	287
	Nov 2018	47	1	71	0	71	6494.90	262
	Dec 2018	40	1	74	0	74	6489.77	227
	Jan 2019	35	1	74	0	74	6483.66	188
	Feb 2019	32	1	67	0	67	6477.25	153
	Mar 2019	50	0	77	0	77	6471.42	125
	Apr 2019	80	1	92	0	92	6468.44	113
	May 2019	150	1	97	5	103	6478.51	159
	Jun 2019	270	2	101	39	140	6498.38	287
	Jul 2019	175	3	102	18	120	6505.18	339
	Aug 2019	66	2	69	0	69	6504.50	334
	Sep 2019	43	2	67	0	67	6501.17	308
	WY 2019	**1040**	**15**	**965**	**62**	**1027**		
	Oct 2019	47	1	69	0	69	6498.01	284
	Nov 2019	41	1	67	0	67	6494.33	258
	Dec 2019	32	1	69	0	69	6488.69	220
	Jan 2020	30	1	69	0	69	6482.39	180
	Feb 2020	28	1	65	0	65	6475.23	143
	Mar 2020	53	0	75	0	75	6470.17	120
	Apr 2020	85	1	90	0	90	6468.94	115
	May 2020	164	1	95	0	95	6482.72	182
	Jun 2020	299	2	104	41	145	6504.55	334

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2018 24-Month Study

Most Probable Inflow*

Flaming Gorge Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	Jul 2017	387	374	14	180	48	228	142	6034.61	3531	315
H	Aug 2017	120	174	13	143	0	143	143	6035.05	3548	173
I	Sep 2017	87	93	11	141	0	141	140	6033.63	3491	161
	WY 2017	**3153**	**3104**	**81**	**2016**	**712**	**2728**				**4225**
S	Oct 2017	88	95	8	107	0	107	140	6033.17	3473	151
T	Nov 2017	82	98	4	139	0	139	138	6032.07	3430	166
O	Dec 2017	52	86	2	174	0	174	135	6029.85	3343	197
R	Jan 2018	52	90	2	175	0	175	131	6027.65	3259	208
I	Feb 2018	57	91	2	155	1	157	129	6025.91	3194	197
C	Mar 2018	86	99	3	106	0	106	128	6025.65	3184	178
A	Apr 2018	121	108	5	101	0	101	128	6025.69	3186	277
L	May 2018	422	290	8	163	6	169	133	6028.57	3294	572
*	Jun 2018	435	401	11	125	0	125	143	6035.09	3550	278
	Jul 2018	142	91	14	120	0	120	141	6034.06	3508	142
	Aug 2018	73	77	13	123	0	123	139	6032.62	3451	139
	Sep 2018	51	74	11	125	0	125	136	6031.10	3392	135
	WY 2018	**1661**	**1600**	**83**	**1613**	**7**	**1620**				**2638**
	Oct 2018	64	86	7	111	0	111	135	6030.30	3361	138
	Nov 2018	60	84	4	107	0	107	134	6029.64	3335	135
	Dec 2018	41	75	2	111	0	111	133	6028.70	3299	134
	Jan 2019	45	84	2	111	0	111	132	6027.98	3272	131
	Feb 2019	45	80	2	100	0	100	131	6027.40	3250	119
	Mar 2019	95	122	3	138	0	138	130	6026.91	3231	203
	Apr 2019	130	142	5	134	0	134	130	6026.99	3234	324
	May 2019	195	148	8	197	0	197	128	6025.53	3180	687
	Jun 2019	325	195	10	167	0	167	129	6026.00	3197	602
	Jul 2019	200	145	13	92	0	92	130	6027.01	3235	167
	Aug 2019	75	78	12	92	0	92	129	6026.33	3210	111
	Sep 2019	50	74	11	89	0	89	128	6025.65	3184	103
	WY 2019	**1325**	**1312**	**79**	**1448**	**0**	**1448**				**2853**
	Oct 2019	55	78	7	92	0	92	127	6025.10	3164	119
	Nov 2019	50	75	3	89	0	89	127	6024.65	3147	118
	Dec 2019	35	72	2	92	0	92	126	6024.07	3126	118
	Jan 2020	40	79	2	92	0	92	125	6023.69	3112	117
	Feb 2020	45	82	2	86	0	86	125	6023.51	3105	114
	Mar 2020	102	125	3	61	0	61	127	6025.09	3163	138
	Apr 2020	134	138	5	60	0	60	130	6026.99	3234	275
	May 2020	245	176	8	191	0	191	129	6026.43	3213	723
	Jun 2020	390	235	10	167	0	167	132	6027.92	3270	587

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2018 24-Month Study

Most Probable Inflow*

Taylor Park Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jul 2017	24	26	9326.95	100
H	Aug 2017	12	25	9320.31	88
I	Sep 2017	8	18	9314.58	77
	WY 2017	**179**	**173**		
S	Oct 2017	8	8	9314.93	78
T	Nov 2017	6	6	9315.09	78
O	Dec 2017	4	6	9313.84	76
R	Jan 2018	4	6	9312.64	74
I	Feb 2018	4	6	9311.50	72
C	Mar 2018	5	6	9310.51	71
A	Apr 2018	8	7	9311.18	72
L	May 2018	24	12	9318.33	84
*	Jun 2018	13	15	9317.29	82
	Jul 2018	6	18	9309.84	70
	Aug 2018	5	15	9302.96	59
	Sep 2018	5	12	9297.96	52
	WY 2018	**93**	**118**		
	Oct 2018	4	4	9298.24	53
	Nov 2018	3	3	9298.24	53
	Dec 2018	3	3	9298.17	53
	Jan 2019	3	3	9298.09	53
	Feb 2019	2	3	9297.48	52
	Mar 2019	3	3	9297.40	52
	Apr 2019	5	10	9293.38	47
	May 2019	23	16	9299.30	54
	Jun 2019	35	21	9308.93	68
	Jul 2019	14	24	9302.56	59
	Aug 2019	7	20	9292.96	46
	Sep 2019	6	15	9284.65	37
	WY 2019	**108**	**123**		
	Oct 2019	6	7	9283.46	36
	Nov 2019	5	5	9283.19	36
	Dec 2019	5	5	9282.64	35
	Jan 2020	4	5	9281.73	34
	Feb 2020	4	5	9280.53	33
	Mar 2020	4	8	9276.41	30
	Apr 2020	9	8	9277.31	31
	May 2020	28	30	9275.24	29
	Jun 2020	42	30	9287.87	41

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2018 24-Month Study

Most Probable Inflow*

Blue Mesa Reservoir

	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jul 2017	135	137	2	113	0	110	7518.20	819
H	Aug 2017	84	96	1	111	0	111	7516.38	802
I	Sep 2017	35	45	1	115	0	114	7508.43	732
	WY 2017	**1245**	**1238**	**9**	**987**	**101**	**1163**		
S	Oct 2017	37	37	1	102	0	102	7500.64	667
T	Nov 2017	32	32	0	40	0	40	7499.68	659
O	Dec 2017	25	27	0	93	0	93	7491.44	593
R	Jan 2018	20	22	0	60	0	60	7486.51	554
I	Feb 2018	23	25	0	32	0	32	7485.54	547
C	Mar 2018	28	29	0	43	0	43	7483.73	534
A	Apr 2018	48	47	1	82	0	82	7478.94	498
L	May 2018	112	100	1	85	0	85	7480.90	513
*	Jun 2018	56	57	1	98	0	98	7475.06	471
	Jul 2018	28	40	1	105	0	105	7465.34	405
	Aug 2018	26	36	1	81	0	81	7458.01	359
	Sep 2018	24	31	1	73	0	73	7450.60	316
	WY 2018	**459**	**484**	**7**	**893**	**0**	**893**		
	Oct 2018	24	24	0	46	0	46	7446.54	294
	Nov 2018	21	21	0	18	0	18	7447.10	297
	Dec 2018	18	18	0	19	0	19	7447.00	296
	Jan 2019	16	16	0	20	0	20	7446.34	292
	Feb 2019	14	15	0	18	0	18	7445.63	289
	Mar 2019	25	25	0	23	0	23	7445.88	290
	Apr 2019	54	59	1	49	0	49	7447.74	300
	May 2019	174	167	1	169	0	169	7447.09	297
	Jun 2019	250	236	1	45	0	45	7477.28	486
	Jul 2019	90	100	1	74	0	74	7480.63	511
	Aug 2019	48	61	1	77	0	77	7478.22	493
	Sep 2019	36	45	1	71	0	71	7474.38	466
	WY 2019	**770**	**785**	**7**	**629**	**0**	**629**		
	Oct 2019	37	38	0	44	0	44	7473.40	459
	Nov 2019	31	31	0	12	0	12	7476.00	477
	Dec 2019	26	26	0	12	0	12	7478.01	492
	Jan 2020	24	25	0	12	0	12	7479.87	505
	Feb 2020	22	23	0	11	0	11	7481.57	518
	Mar 2020	36	40	0	17	0	17	7484.51	539
	Apr 2020	77	76	1	42	0	42	7488.93	573
	May 2020	221	223	1	167	0	167	7495.93	628
	Jun 2020	261	249	1	106	0	106	7512.77	770

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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Managing Water in the West

July 2018 24-Month Study

Most Probable Inflow*

Morrow Point Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jul 2017	139	110	4	114	37	0	111	7155.13	113
H	Aug 2017	86	111	2	113	0	0	115	7152.68	111
I	Sep 2017	35	114	0	115	92	0	112	7155.62	114
	WY 2017	**1314**	**1163**	**69**	**1232**	**893**	**0**	**1226**		
S	Oct 2017	38	102	1	103	105	0	105	7153.17	112
T	Nov 2017	34	40	1	41	42	0	42	7152.45	111
O	Dec 2017	26	93	1	94	94	0	94	7152.45	111
R	Jan 2018	22	60	2	62	62	0	63	7150.65	110
I	Feb 2018	24	32	1	33	34	0	34	7149.19	108
C	Mar 2018	29	43	1	44	49	0	49	7143.05	104
A	Apr 2018	54	82	6	87	79	0	79	7154.30	112
L	May 2018	121	85	8	94	94	0	94	7153.76	112
*	Jun 2018	57	98	2	99	99	0	99	7154.16	112
	Jul 2018	28	105	0	105	105	0	105	7153.73	112
	Aug 2018	26	81	0	81	81	0	81	7153.73	112
	Sep 2018	26	73	2	75	75	0	75	7153.73	112
	WY 2018	**485**	**893**	**26**	**919**	**918**	**0**	**920**		
	Oct 2018	25	46	1	47	47	0	47	7153.73	112
	Nov 2018	22	18	1	19	19	0	19	7153.73	112
	Dec 2018	19	19	1	20	20	0	20	7153.73	112
	Jan 2019	17	20	1	21	21	0	21	7153.73	112
	Feb 2019	14	18	0	18	18	0	18	7153.73	112
	Mar 2019	26	23	1	24	24	0	24	7153.73	112
	Apr 2019	62	49	8	57	57	0	57	7153.73	112
	May 2019	190	169	16	185	185	0	185	7153.73	112
	Jun 2019	265	45	15	60	60	0	60	7153.73	112
	Jul 2019	93	74	3	77	77	0	77	7153.73	112
	Aug 2019	51	77	3	80	80	0	80	7153.73	112
	Sep 2019	36	71	0	71	71	0	71	7153.73	112
	WY 2019	**820**	**629**	**50**	**679**	**679**	**0**	**679**		
	Oct 2019	38	44	1	45	45	0	45	7153.73	112
	Nov 2019	32	12	1	14	14	0	14	7153.73	112
	Dec 2019	28	12	2	14	14	0	14	7153.73	112
	Jan 2020	27	12	2	14	14	0	14	7153.73	112
	Feb 2020	25	11	3	13	13	0	13	7153.73	112
	Mar 2020	40	17	4	21	21	0	21	7153.73	112
	Apr 2020	88	42	11	53	53	0	53	7153.73	112
	May 2020	247	167	26	193	193	0	193	7153.73	112
	Jun 2020	281	106	20	126	126	0	126	7153.73	112

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2018 24-Month Study

Most Probable Inflow*

Crystal Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
*	Jul 2017	148	111	8	119	96	25	121	6746.24	15	63	60
H	Aug 2017	89	115	3	119	119	0	119	6744.79	15	62	58
I	Sep 2017	39	112	4	116	115	0	115	6748.63	16	59	56
	WY 2017	**1423**	**1226**	**109**	**1335**	**751**	**350**	**1334**			**413**	**929**
S	Oct 2017	43	105	5	110	109	0	109	6751.20	16	55	53
T	Nov 2017	38	42	4	46	46	0	46	6749.89	16	1	46
O	Dec 2017	29	94	3	97	97	0	97	6749.23	16	1	98
R	Jan 2018	25	63	3	66	62	4	66	6747.99	16	1	65
I	Feb 2018	27	34	3	37	16	20	36	6750.06	16	0	34
C	Mar 2018	33	49	4	52	53	0	53	6747.97	16	13	38
A	Apr 2018	60	79	6	84	84	0	84	6749.35	16	53	28
L	May 2018	129	94	9	102	102	0	102	6749.41	16	62	40
*	Jun 2018	61	99	3	102	102	0	102	6750.48	16	63	44
	Jul 2018	30	105	2	107	107	0	107	6753.04	17	63	44
	Aug 2018	28	81	2	83	83	0	83	6753.04	17	65	18
	Sep 2018	28	75	2	77	77	0	77	6753.04	17	55	22
	WY 2018	**531**	**920**	**46**	**965**	**938**	**26**	**964**			**433**	**530**
	Oct 2018	27	47	2	49	49	0	49	6753.04	17	30	19
	Nov 2018	24	19	2	21	21	0	21	6753.04	17	0	21
	Dec 2018	21	20	2	22	22	0	22	6753.04	17	0	22
	Jan 2019	18	21	1	22	22	0	22	6753.04	17	0	22
	Feb 2019	15	18	1	19	19	0	19	6753.04	17	0	19
	Mar 2019	28	24	2	26	26	0	26	6753.04	17	5	21
	Apr 2019	65	57	3	60	60	0	60	6753.04	17	42	18
	May 2019	210	185	20	205	134	71	205	6753.04	17	62	143
	Jun 2019	290	60	25	85	85	0	85	6753.04	17	61	24
	Jul 2019	99	77	6	83	83	0	83	6753.04	17	65	18
	Aug 2019	54	80	3	83	83	0	83	6753.04	17	65	18
	Sep 2019	39	71	3	74	74	0	74	6753.04	17	55	19
	WY 2019	**890**	**679**	**70**	**749**	**678**	**71**	**749**			**385**	**364**
	Oct 2019	42	45	4	49	49	0	49	6753.04	17	30	19
	Nov 2019	36	14	4	18	18	0	18	6753.04	17	0	18
	Dec 2019	32	14	5	18	18	0	18	6753.04	17	0	18
	Jan 2020	31	14	5	18	18	0	18	6753.04	17	0	18
	Feb 2020	29	13	4	17	17	0	17	6753.04	17	0	17
	Mar 2020	46	21	6	28	28	0	28	6753.04	17	5	23
	Apr 2020	101	53	12	65	65	0	65	6753.04	17	42	23
	May 2020	281	193	34	227	134	93	227	6753.04	17	62	165
	Jun 2020	315	126	34	160	130	30	160	6753.04	17	61	99

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2018 24-Month Study

Most Probable Inflow*

Vallecito Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jul 2017	30	39	7660.94	115
H	Aug 2017	19	33	7655.15	100
I	Sep 2017	9	34	7644.31	74
	WY 2017	**303**	**297**		
S	Oct 2017	4	22	7638.22	61
T	Nov 2017	3	2	7639.49	63
O	Dec 2017	1	1	7640.27	65
R	Jan 2018	2	0	7641.42	67
I	Feb 2018	1	0	7642.57	70
C	Mar 2018	3	0	7644.11	73
A	Apr 2018	9	3	7649.29	85
L	May 2018	30	31	7648.91	84
*	Jun 2018	14	35	7639.22	63
	Jul 2018	5	25	7628.52	42
	Aug 2018	6	23	7617.06	25
	Sep 2018	7	18	7606.72	14
	WY 2018	**84**	**161**		
	Oct 2018	7	10	7602.43	11
	Nov 2018	4	2	7605.16	13
	Dec 2018	3	2	7606.49	14
	Jan 2019	3	2	7607.75	15
	Feb 2019	2	2	7608.06	16
	Mar 2019	4	2	7610.21	18
	Apr 2019	16	2	7621.86	32
	May 2019	54	31	7635.14	54
	Jun 2019	63	44	7644.00	73
	Jul 2019	25	42	7635.79	56
	Aug 2019	16	38	7623.08	33
	Sep 2019	13	30	7609.23	17
	WY 2019	**210**	**205**		
	Oct 2019	13	17	7604.38	12
	Nov 2019	8	2	7611.11	19
	Dec 2019	6	2	7615.15	23
	Jan 2020	5	2	7618.02	27
	Feb 2020	5	2	7620.28	30
	Mar 2020	9	2	7624.84	36
	Apr 2020	23	2	7636.70	57
	May 2020	71	70	7637.26	59
	Jun 2020	70	70	7637.16	58

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2018 24-Month Study

Most Probable Inflow*

Navajo Reservoir

	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azetea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Farmington Flow (1000 Ac-Ft)
*	Jul 2017	49	11	48	4	43	38	6061.00	1361	88
H	Aug 2017	30	5	38	4	35	36	6058.07	1323	55
I	Sep 2017	9	2	33	3	23	42	6055.28	1289	48
	WY 2017	**1157**	**160**	**991**	**28**	**198**	**785**			**1410**
S	Oct 2017	38	2	49	2	8	32	6055.89	1296	52
T	Nov 2017	19	0	16	1	0	25	6055.04	1286	41
O	Dec 2017	10	0	9	1	0	24	6053.69	1270	40
R	Jan 2018	12	0	9	1	0	23	6052.47	1255	40
I	Feb 2018	14	0	11	1	1	18	6051.73	1246	33
C	Mar 2018	24	2	19	2	6	21	6050.92	1236	30
A	Apr 2018	70	13	46	2	20	38	6049.73	1222	42
L	May 2018	88	16	71	3	36	32	6049.80	1223	71
*	Jun 2018	5	3	23	4	42	41	6044.23	1159	59
	Jul 2018	4	0	24	4	56	47	6036.53	1076	59
	Aug 2018	25	0	42	3	48	47	6031.06	1019	59
	Sep 2018	25	0	36	2	27	39	6027.84	987	52
	WY 2018	**334**	**36**	**355**	**24**	**245**	**387**			**578**
	Oct 2018	22	0	25	1	11	26	6026.50	974	38
	Nov 2018	20	0	18	1	1	21	6025.98	969	29
	Dec 2018	15	0	14	0	1	22	6025.00	959	29
	Jan 2019	15	0	14	0	0	22	6024.15	951	28
	Feb 2019	19	0	19	1	0	19	6024.00	950	24
	Mar 2019	54	0	52	1	5	22	6026.45	973	32
	Apr 2019	110	2	94	2	21	21	6031.46	1023	50
	May 2019	230	7	200	3	36	22	6044.60	1163	136
	Jun 2019	180	3	158	4	52	27	6051.14	1239	144
	Jul 2019	35	0	52	4	57	31	6047.72	1199	81
	Aug 2019	30	0	52	3	48	36	6044.67	1164	65
	Sep 2019	30	0	47	2	26	31	6043.46	1151	54
	WY 2019	**760**	**12**	**743**	**23**	**258**	**299**			**709**
	Oct 2019	37	0	42	2	10	47	6041.97	1134	70
	Nov 2019	30	0	24	1	0	34	6041.01	1124	50
	Dec 2019	25	0	21	1	0	25	6040.55	1119	40
	Jan 2020	22	0	18	1	0	22	6040.17	1115	36
	Feb 2020	30	0	27	1	0	30	6039.81	1111	43
	Mar 2020	92	0	86	1	6	92	6038.53	1097	114
	Apr 2020	170	2	146	2	22	170	6034.01	1049	223
	May 2020	277	7	269	3	36	277	6029.33	1002	423
	Jun 2020	224	3	221	3	53	224	6023.32	943	375

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2018 24-Month Study

Most Probable Inflow*

Lake Powell

	Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry Gage (1000 Ac-Ft)
*	Jul 2017	1073	889	64	850	0	850	3634.69	5284	15385	875
H	Aug 2017	446	495	63	900	0	900	3630.88	5250	14952	929
I	Sep 2017	196	410	57	663	0	663	3628.31	5227	14664	671
	WY 2017	**11905**	**11396**	**409**	**8874**	**126**	**9000**				**9152**
S	Oct 2017	449	533	39	640	0	640	3627.09	5216	14530	634
T	Nov 2017	387	454	37	630	0	630	3625.29	5200	14332	619
O	Dec 2017	299	483	29	740	0	740	3622.85	5179	14068	733
R	Jan 2018	262	442	9	860	0	860	3619.14	5147	13672	861
I	Feb 2018	269	387	10	730	0	730	3616.02	5121	13346	750
C	Mar 2018	332	395	16	800	0	800	3612.23	5090	12956	835
A	Apr 2018	382	419	25	705	0	705	3609.39	5067	12669	738
L	May 2018	1214	968	29	705	0	705	3611.54	5085	12886	730
*	Jun 2018	883	635	45	760	0	760	3609.98	5072	12728	783
	Jul 2018	196	350	53	860	0	860	3604.73	5030	12207	879
	Aug 2018	215	391	51	900	0	900	3599.35	4989	11689	918
	Sep 2018	225	389	46	671	0	671	3596.14	4965	11386	682
	WY 2018	**5113**	**5847**	**388**	**9000**	**0**	**9000**				**9160**
	Oct 2018	360	444	31	640	0	640	3593.87	4948	11175	646
	Nov 2018	380	426	30	640	0	640	3591.42	4930	10949	640
	Dec 2018	300	378	23	720	0	720	3587.67	4903	10611	725
	Jan 2019	280	356	7	860	0	860	3582.30	4865	10138	871
	Feb 2019	280	340	7	750	0	750	3577.79	4834	9751	754
	Mar 2019	460	475	12	800	0	800	3574.06	4809	9439	805
	Apr 2019	720	652	19	710	0	710	3573.20	4803	9368	718
	May 2019	1700	1531	23	710	0	710	3581.95	4862	10107	716
	Jun 2019	2250	1788	38	750	0	750	3592.34	4936	11033	758
	Jul 2019	760	689	47	850	0	850	3590.22	4921	10841	869
	Aug 2019	370	470	46	900	0	900	3585.29	4886	10400	918
	Sep 2019	340	442	42	670	0	670	3582.44	4866	10150	681
	WY 2019	**8200**	**7991**	**325**	**9000**	**0**	**9000**				**9100**
	Oct 2019	455	519	28	640	0	640	3580.84	4855	10012	646
	Nov 2019	447	472	27	640	0	640	3578.72	4840	9831	640
	Dec 2019	363	406	21	720	0	720	3575.03	4815	9520	725
	Jan 2020	361	400	6	860	0	860	3569.77	4781	9089	871
	Feb 2020	393	423	6	750	0	750	3565.90	4756	8780	754
	Mar 2020	665	612	11	800	0	800	3563.55	4741	8596	805
	Apr 2020	1056	970	17	710	0	710	3566.41	4759	8820	718
	May 2020	2343	2277	22	710	0	710	3583.60	4874	10251	716
	Jun 2020	2666	2343	39	750	0	750	3599.37	4989	11690	758

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2018 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Glen Release (1000 Ac-Ft)	Side Inflow Glen to Hoover (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Jul 2017	850	89	66	885	14.4	31	885	646	1079.03	9931
H	Aug 2017	900	94	70	683	11.1	28	683	658	1081.44	10131
I	Sep 2017	663	70	58	600	10.1	21	591	662	1082.05	10182
	WY 2017	**9000**	**995**	**541**	**8620**		**236**	**8591**			
S	Oct 2017	640	44	43	596	9.7	23	595	663	1082.30	10202
T	Nov 2017	630	40	42	731	12.3	16	731	656	1080.95	10090
O	Dec 2017	740	43	37	594	9.7	12	593	664	1082.52	10221
R	Jan 2018	860	78	30	449	7.3	10	448	692	1087.50	10642
I	Feb 2018	730	60	28	687	12.4	10	693	696	1088.21	10703
C	Mar 2018	800	70	32	833	13.5	14	832	695	1088.11	10694
A	Apr 2018	705	43	39	1015	17.1	21	1015	675	1084.49	10387
L	May 2018	705	23	44	1055	17.1	28	1054	651	1080.00	10011
*	Jun 2018	760	28	53	986	16.6	30	985	634	1076.81	9748
	Jul 2018	860	81	65	834	13.6	37	834	634	1076.87	9753
	Aug 2018	900	112	70	740	12.0	35	740	644	1078.79	9911
	Sep 2018	671	105	58	795	13.4	28	795	638	1077.60	9813
	WY 2018	**9000**	**727**	**541**	**9315**		**264**	**9315**			
	Oct 2018	640	69	42	604	9.8	29	604	640	1077.99	9845
	Nov 2018	640	61	42	761	12.8	22	761	632	1076.57	9729
	Dec 2018	720	50	36	677	11.0	15	677	635	1077.05	9768
	Jan 2019	860	78	30	619	10.1	12	619	652	1080.21	10029
	Feb 2019	750	93	27	685	12.3	14	685	659	1081.53	10138
	Mar 2019	800	56	31	1055	17.2	21	1055	644	1078.69	9903
	Apr 2019	710	48	38	1059	17.8	23	1059	622	1074.54	9563
	May 2019	710	31	43	967	15.7	27	967	604	1071.08	9286
	Jun 2019	750	12	51	907	15.2	33	907	590	1068.37	9070
	Jul 2019	850	81	63	826	13.4	36	826	590	1068.44	9076
	Aug 2019	900	112	67	740	12.0	34	740	600	1070.46	9236
	Sep 2019	670	105	56	734	12.3	27	734	598	1069.98	9198
	WY 2019	**9000**	**796**	**524**	**9633**		**293**	**9633**			
	Oct 2019	640	69	41	510	8.3	28	510	606	1071.51	9320
	Nov 2019	640	61	41	670	11.3	21	670	604	1071.15	9291
	Dec 2019	720	50	35	594	9.7	14	594	612	1072.64	9410
	Jan 2020	860	78	29	607	9.9	14	607	629	1075.98	9680
	Feb 2020	750	93	27	663	11.5	17	663	638	1077.54	9808
	Mar 2020	800	56	30	988	16.1	22	988	626	1075.43	9636
	Apr 2020	710	48	37	997	16.8	25	997	608	1071.92	9353
	May 2020	710	31	42	917	14.9	31	917	593	1068.99	9120
	Jun 2020	750	12	50	929	15.6	31	929	578	1066.03	8887

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2018 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Jul 2017	885	-5	26	809	0	809	13.2	644.65	1744
H	Aug 2017	683	-8	23	707	0	707	11.5	642.64	1689
I	Sep 2017	600	-11	18	656	0	656	11.0	639.47	1603
	WY 2017	**8620**	**-183**	**199**	**8261**	**0**	**8261**			
S	Oct 2017	596	-2	15	671	0	671	10.9	636.00	1512
T	Nov 2017	731	-18	11	595	0	595	10.0	640.07	1619
O	Dec 2017	594	-16	9	552	0	552	9.0	640.68	1636
R	Jan 2018	449	2	10	437	0	437	7.1		1641
I	Feb 2018	687	-4	10	611	0	611	11.0	643.18	1704
C	Mar 2018	833	-1	13	836	0	836	13.6	642.57	1687
A	Apr 2018	1015	-3	17	1001	0	1001	16.8	642.40	1682
L	May 2018	1055	-11	22	1001	0	1001	16.3	643.17	1703
*	Jun 2018	986	-21	26	909	0	909	15.3	644.29	1734
	Jul 2018	834	-15	25	842	0	842	13.7	642.50	1685
	Aug 2018	740	-12	23	719	0	719	11.7	642.00	1671
	Sep 2018	795	-12	18	818	0	818	13.7	640.01	1617
	WY 2018	**9315**	**-113**	**198**	**8989**	**0**	**8989**			
	Oct 2018	604	-4	15	769	0	769	12.5	633.00	1434
	Nov 2018	761	-12	10	686	0	686	11.5	635.00	1486
	Dec 2018	677	-12	9	559	0	559	9.1	638.71	1583
	Jan 2019	619	-19	10	507	0	507	8.2	641.80	1666
	Feb 2019	685	-15	10	660	0	660	11.9	641.80	1666
	Mar 2019	1055	-17	13	990	0	990	16.1	643.05	1700
	Apr 2019	1059	-20	17	1024	0	1024	17.2	643.00	1699
	May 2019	967	-12	22	933	0	933	15.2	643.00	1699
	Jun 2019	907	-15	25	867	0	867	14.6	643.00	1699
	Jul 2019	826	-15	25	812	0	812	13.2	642.00	1671
	Aug 2019	740	-12	23	706	0	706	11.5	642.00	1671
	Sep 2019	734	-12	18	757	0	757	12.7	640.01	1618
	WY 2019	**9633**	**-166**	**197**	**9269**	**0**	**9269**			
	Oct 2019	510	-4	15	675	0	675	11.0	633.00	1434
	Nov 2019	670	-12	10	595	0	595	10.0	635.00	1486
	Dec 2019	594	-12	9	476	0	476	7.7	638.71	1583
	Jan 2020	607	-19	10	495	0	495	8.1	641.80	1666
	Feb 2020	663	-15	10	638	0	638	11.1	641.80	1666
	Mar 2020	988	-17	13	923	0	923	15.0	643.05	1700
	Apr 2020	997	-20	17	962	0	962	16.2	643.00	1699
	May 2020	917	-12	22	882	0	882	14.3	643.00	1699
	Jun 2020	929	-15	25	888	0	888	14.9	643.00	1699

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2018 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	Jul 2017	809	18	17	666	10.8	58	71	448.63	592	131	2.1
H	Aug 2017	707	12	17	570	9.3	58	70	448.28	585	102	1.7
I	Sep 2017	656	16	15	481	8.1	56	134	447.17	564	104	1.7
	WY 2017	**8261**	**220**	**140**	**6204**		**664**	**1406**			**1513**	
S	Oct 2017	671	9	12	478	7.8	69	131	446.27	548	65	1.1
T	Nov 2017	595	12	9	349	5.9	89	127	447.86	577	99	1.7
O	Dec 2017	552	17	7	335	5.5	100	144	446.80	557	109	1.8
R	Jan 2018	437	3	6	329	5.3	29	90	445.81	539	125	2.0
I	Feb 2018	611	3	8	429	7.7	12	109	448.52	590	145	2.6
C	Mar 2018	836	-3	9	637	10.4	61	139	447.46	570	195	3.2
A	Apr 2018	1001	-8	11	735	12.4	75	168	447.13	564	175	2.9
L	May 2018	1001	10	13	697	11.3	87	178	448.51	590	124	2.0
*	Jun 2018	909	6	15	712	12.0	91	88	448.43	588	136	2.3
	Jul 2018	842	21	17	668	10.9	99	74	448.00	580	132	2.2
	Aug 2018	719	23	17	590	9.6	99	33	447.50	571	93	1.5
	Sep 2018	818	17	15	533	9.0	96	181	447.50	570	96	1.6
	WY 2018	**8989**	**109**	**139**	**6492**		**908**	**1462**			**1495**	
	Oct 2018	769	23	12	487	7.9	99	187	447.50	571	65	1.1
	Nov 2018	686	16	9	405	6.8	95	187	447.50	571	99	1.7
	Dec 2018	559	18	7	301	4.9	98	186	446.50	552	109	1.8
	Jan 2019	507	21	6	318	5.2	78	121	446.50	552	138	2.2
	Feb 2019	660	11	8	485	8.7	51	121	446.50	552	160	2.9
	Mar 2019	990	7	9	718	11.7	69	189	446.70	555	198	3.2
	Apr 2019	1024	16	11	710	11.9	88	184	448.70	593	175	2.9
	May 2019	933	15	13	642	10.4	90	189	448.70	593	104	1.7
	Jun 2019	867	13	16	683	11.5	88	79	448.70	593	105	1.8
	Jul 2019	812	21	17	647	10.5	90	79	448.00	580	111	1.8
	Aug 2019	706	23	17	589	9.6	90	29	447.50	571	100	1.6
	Sep 2019	757	17	15	509	8.6	88	152	447.50	570	89	1.5
	WY 2019	**9269**	**200**	**139**	**6494**		**1027**	**1703**			**1452**	
	Oct 2019	675	23	12	490	8.0	48	141	447.50	571	74	1.2
	Nov 2019	595	16	9	408	6.9	48	141	447.50	571	116	1.9
	Dec 2019	476	18	7	313	5.1	48	141	446.50	552	131	2.1
	Jan 2020	495	21	6	313	5.1	86	106	446.50	552	134	2.2
	Feb 2020	638	11	8	479	8.3	57	100	446.50	552	155	2.7
	Mar 2020	923	7	9	708	11.5	76	125	446.70	555	191	3.1
	Apr 2020	962	16	11	699	11.7	97	125	448.70	593	168	2.8
	May 2020	882	15	13	635	10.3	99	137	448.70	593	100	1.6
	Jun 2020	888	13	16	675	11.3	97	100	448.70	593	102	1.7

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2018 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Jul 2017	885	14.4	1079.03	9931	-40	432.24	1499.0	341.1	94	385.5
H	Aug 2017	683	11.1	1081.44	10131	200	436.25	1478.1	261.0	93	382.0
I	Sep 2017	600	10.1	1082.05	10182	51	440.10	976.1	230.7	66	384.8
	WY 2017	**8620**							**3347.1**		
S	Oct 2017	596	9.7	1082.30	10202	21	441.43	976.1	229.0	66	384.2
T	Nov 2017	731	12.3	1080.95	10090	-113	435.01	996.0	287.9	63	393.6
O	Dec 2017	594	9.7	1082.52	10221	131	439.05	821.0	235.7	52	396.6
R	Jan 2018	449	7.3	1087.50	10642	421	442.14	834.0	176.5	51	392.9
I	Feb 2018	687	12.4	1088.21	10703	61	441.97	1220.1	275.0	75	400.3
C	Mar 2018	833	13.5	1088.11	10694	-9	442.23	1005.9	333.9	62	400.8
A	Apr 2018	1015	17.1	1084.49	10387	-308	437.15	880.9	406.2	55	400.0
L	May 2018	1055	17.1	1080.00	10011	-376	432.39	1385.9	412.1	88	390.8
*	Jun 2018	986	16.6	1076.81	9748	-263	428.91	1552.0	378.6	100	384.1
	Jul 2018	834	13.6	1076.87	9753	5	423.13	1552.0	321.5	100	385.7
	Aug 2018	740	12.0	1078.79	9911	157	424.86	1562.0	282.9	100	382.4
	Sep 2018	795	13.4	1077.60	9813	-98	426.03	1552.0	308.0	100	387.7
	WY 2018	**9315**							**3647.4**		
	Oct 2018	604	9.8	1077.99	9845	32	430.49	1178.0	234.0	76	387.2
	Nov 2018	761	12.8	1076.57	9729	-116	433.08	1060.0	302.3	68	397.5
	Dec 2018	677	11.0	1077.05	9768	39	429.46	1248.0	260.6	80	384.9
	Jan 2019	619	10.1	1080.21	10029	261	430.93	990.0	242.0	63	391.2
	Feb 2019	685	12.3	1081.53	10138	110	432.16	999.0	271.5	63	396.6
	Mar 2019	1055	17.2	1078.69	9903	-235	430.90	993.0	422.2	64	400.2
	Apr 2019	1059	17.8	1074.54	9563	-340	425.94	1135.9	415.9	74	392.8
	May 2019	967	15.7	1071.08	9286	-278	422.18	1116.0	375.5	74	388.3
	Jun 2019	907	15.2	1068.37	9070	-215	416.35	1499.0	341.3	100	376.1
	Jul 2019	826	13.4	1068.44	9076	6	415.37	1499.0	312.2	100	378.2
	Aug 2019	740	12.0	1070.46	9236	160	416.73	1512.0	277.8	100	375.3
	Sep 2019	734	12.3	1069.98	9198	-39	418.13	1512.0	277.0	100	377.5
	WY 2019	**9633**							**3732.3**		
	Oct 2019	510	8.3	1071.51	9320	122	422.23	1341.0	195.7	88	383.5
	Nov 2019	670	11.3	1071.15	9291	-29	427.27	1018.9	258.9	67	386.7
	Dec 2019	594	9.7	1072.64	9410	119	424.57	1203.8	226.2	80	380.9
	Jan 2020	607	9.9	1075.98	9680	270	426.63	946.7	234.8	63	386.7
	Feb 2020	663	11.5	1077.54	9808	128	428.07	947.4	258.5	63	389.8
	Mar 2020	988	16.1	1075.43	9636	-172	427.30	946.0	388.1	64	393.0
	Apr 2020	997	16.8	1071.92	9353	-283	423.02	1077.6	385.8	74	386.8
	May 2020	917	14.9	1068.99	9120	-233	419.84	1059.1	351.7	74	383.6
	Jun 2020	929	15.6	1066.03	8887	-233	414.15	1408.7	348.4	100	375.0

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2018 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Jul 2017	809	13.2	644.65	1744	45	143.65	255.0	101.5	100	125.5
H	Aug 2017	707	11.5	642.64	1689	-55	143.10	255.0	89.9	100	127.1
I	Sep 2017	656	11.0	639.47	1603	-86	138.07	253.3	83.2	99	126.8
	WY 2017	**8261**							**1061.4**		
S	Oct 2017	671	10.9	636.00	1512	-91	134.26	179.3	81.3	70	121.3
T	Nov 2017	595	10.0	640.07	1619	107	138.81	151.3	73.1	59	122.7
O	Dec 2017	552	9.0	640.68	1636	17	139.44	131.6	69.5	52	126.0
R	Jan 2018	437	7.1		1641	5	141.78	159.6	55.0	63	125.9
I	Feb 2018	611	11.0	643.18	1704	63	142.18	162.1	76.6	64	125.4
C	Mar 2018	836	13.6	642.57	1687	-17	139.99	189.2	105.4	74	126.1
A	Apr 2018	1001	16.8	642.40	1682	-5	141.14	207.4	125.1	81	125.0
L	May 2018	1001	16.3	643.17	1703	21	141.89	204.0	126.2	80	126.1
*	Jun 2018	909	15.3	644.29	1734	31	143.00	255.0	115.0	100	126.6
	Jul 2018	842	13.7	642.50	1685	-49	136.44	255.0	106.1	100	126.0
	Aug 2018	719	11.7	642.00	1671	-14	135.25	255.0	90.4	100	125.7
	Sep 2018	818	13.7	640.01	1617	-54	133.94	255.0	101.3	100	123.9
	WY 2018	**8989**							**1124.9**		
	Oct 2018	769	12.5	633.00	1434	-183	130.59	207.3	92.5	81	120.2
	Nov 2018	686	11.5	635.00	1486	51	129.19	170.0	81.2	67	118.3
	Dec 2018	559	9.1	638.71	1583	97	132.25	167.8	68.1	66	121.8
	Jan 2019	507	8.2	641.80	1666	83	134.43	210.6	63.4	83	125.2
	Feb 2019	660	11.9	641.80	1666	0	136.73	187.6	82.6	74	125.2
	Mar 2019	990	16.1	643.05	1700	34	137.26	190.8	123.2	75	124.4
	Apr 2019	1024	17.2	643.00	1699	-1	136.07	255.0	127.6	100	124.6
	May 2019	933	15.2	643.00	1699	0	136.04	255.0	116.8	100	125.2
	Jun 2019	867	14.6	643.00	1699	0	136.04	255.0	108.7	100	125.4
	Jul 2019	812	13.2	642.00	1671	-27	135.51	255.0	101.9	100	125.4
	Aug 2019	706	11.5	642.00	1671	0	134.99	255.0	88.6	100	125.5
	Sep 2019	757	12.7	640.01	1618	-54	133.94	255.0	94.0	100	124.2
	WY 2019	**9269**							**1148.6**		
	Oct 2019	675	11.0	633.00	1434	-183	130.59	207.3	81.5	81	120.8
	Nov 2019	595	10.0	635.00	1486	51	129.19	170.0	70.8	67	118.9
	Dec 2019	476	7.7	638.71	1583	97	132.25	167.8	58.2	66	122.3
	Jan 2020	495	8.1	641.80	1666	83	133.85	230.3	62.1	90	125.3
	Feb 2020	638	11.1	641.80	1666	0	136.73	187.6	80.1	74	125.5
	Mar 2020	923	15.0	643.05	1700	34	137.26	190.8	115.1	75	124.8
	Apr 2020	962	16.2	643.00	1699	-1	136.07	255.0	120.2	100	124.9
	May 2020	882	14.3	643.00	1699	0	136.04	255.0	110.7	100	125.5
	Jun 2020	888	14.9	643.00	1699	0	136.04	255.0	111.3	100	125.3

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2018 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Jul 2017	666	10.8	448.63	592	4	82.74	120.0	46.5	100	69.9
H	Aug 2017	570	9.3	448.28	585	-7	82.37	120.0	39.9	100	70.0
I	Sep 2017	481	8.1	447.17	564	-21	81.08	120.0	33.8	100	70.2
	WY 2017	**6204**							**434.1**		
S	Oct 2017	478	7.8	446.27	548	-17	80.03	92.9	33.6	77	70.4
T	Nov 2017	349	5.9	447.86	577	30	81.65	90.0	24.1	75	69.2
O	Dec 2017	335	5.5	446.80	557	-20	81.55	92.9	22.5	77	67.0
R	Jan 2018	329	5.3	445.81	539	-18	80.05	117.1	22.8	98	69.2
I	Feb 2018	429	7.7	448.52	590	50	81.30	92.1	30.3	77	70.6
C	Mar 2018	638	10.4	447.46	570	-20	81.79	102.6	44.9	85	70.4
A	Apr 2018	735	12.4	447.13	564	-6	81.11	120.0	50.8	100	69.1
L	May 2018	697	11.3	448.51	590	26	82.36	120.0	48.5	100	69.6
*	Jun 2018	712	12.0	448.43	588	-1	80.33	120.0	49.7	100	69.9
	Jul 2018	668	10.9	448.00	580	-8	75.58	120.0	44.1	100	66.0
	Aug 2018	590	9.6	447.50	571	-9	75.13	120.0	38.6	100	65.4
	Sep 2018	533	9.0	447.50	570	0	74.89	120.0	34.7	100	65.1
	WY 2018	**6492**							**444.5**		
	Oct 2018	487	7.9	447.50	571	0	76.19	91.9	32.1	77	66.0
	Nov 2018	405	6.8	447.50	571	0	75.83	99.0	26.4	83	65.2
	Dec 2018	301	4.9	446.50	552	-19	74.40	120.0	18.9	100	62.8
	Jan 2019	318	5.2	446.50	552	0	75.02	95.8	20.2	80	63.6
	Feb 2019	485	8.7	446.50	552	0	75.21	92.1	31.8	77	65.5
	Mar 2019	718	11.7	446.70	555	4	74.34	112.3	46.9	94	65.3
	Apr 2019	710	11.9	448.70	593	38	75.08	120.0	46.7	100	65.8
	May 2019	642	10.4	448.70	593	0	76.05	120.0	42.6	100	66.3
	Jun 2019	683	11.5	448.70	593	0	76.05	120.0	45.4	100	66.5
	Jul 2019	647	10.5	448.00	580	-13	75.71	120.0	42.7	100	66.1
	Aug 2019	589	9.6	447.50	571	-9	75.13	120.0	38.5	100	65.4
	Sep 2019	509	8.6	447.50	570	0	74.89	120.0	33.1	100	65.0
	WY 2019	**6494**							**425.4**		
	Oct 2019	490	8.0	447.50	571	0	76.29	90.0	32.4	75	66.1
	Nov 2019	408	6.9	447.50	571	0	76.14	93.0	26.7	78	65.5
	Dec 2019	313	5.1	446.50	552	-19	74.40	120.0	19.7	100	63.0
	Jan 2020	313	5.1	446.50	552	0	75.02	95.8	19.9	80	63.6
	Feb 2020	479	8.3	446.50	552	0	75.21	92.1	31.3	77	65.4
	Mar 2020	708	11.5	446.70	555	4	74.34	112.3	46.2	94	65.3
	Apr 2020	699	11.7	448.70	593	38	75.08	120.0	46.0	100	65.8
	May 2020	635	10.3	448.70	593	0	76.05	120.0	42.1	100	66.3
	Jun 2020	675	11.3	448.70	593	0	76.05	120.0	44.9	100	66.5

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2018 24-Month Study

Most Probable Inflow*

Upper Basin Power

	Date	Glen Canyon 1000 MWHR	Flaming Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Reservoir 1000 MWHR	Fontenelle Reservoir 1000 MWHR
*	Jul 2017	399	71	35	13	18	8
H	Aug 2017	421	56	34	0	22	9
I	Sep 2017	306	56	35	33	22	6
	Summer 2017	**2033**	**492**	**202**	**207**	**93**	**33**
S	Oct 2017	294	42	30	37	21	7
T	Nov 2017	288	55	12	14	8	7
O	Dec 2017	339	68	27	33	19	6
R	Jan 2018	394	68	17	21	12	6
I	Feb 2018	335	60	9	12	3	5
C	Mar 2018	364	41	12	16	9	1
	Winter 2018	**2013**	**334**	**107**	**133**	**71**	**31**
A	Apr 2018	318	39	23	27	16	5
L	May 2018	318	63	23	33	20	7
*	Jun 2018	343	50	27	34	20	8
	Jul 2018	345	44	29	38	18	8
	Aug 2018	357	45	22	29	14	7
	Sep 2018	264	46	19	27	13	7
	Summer 2018	**1946**	**288**	**144**	**189**	**102**	**42**
	Oct 2018	250	41	12	17	8	7
	Nov 2018	248	39	5	7	4	6
	Dec 2018	279	41	5	7	4	6
	Jan 2019	329	41	5	7	4	6
	Feb 2019	284	37	5	7	3	5
	Mar 2019	300	51	6	9	5	5
	Winter 2019	**1691**	**248**	**37**	**53**	**27**	**36**
	Apr 2019	265	49	13	20	10	6
	May 2019	266	72	44	67	23	7
	Jun 2019	287	61	12	22	15	8
	Jul 2019	329	34	21	28	14	10
	Aug 2019	345	34	22	29	14	7
	Sep 2019	256	33	20	26	13	6
	Summer 2019	**1748**	**281**	**132**	**191**	**90**	**43**
	Oct 2019	243	34	12	16	9	6
	Nov 2019	242	32	4	5	3	6
	Dec 2019	271	34	3	5	3	6
	Jan 2020	320	34	3	5	3	6
	Feb 2020	277	31	3	5	3	5
	Mar 2020	292	22	5	8	5	5
	Winter 2020	**1352**	**164**	**26**	**36**	**21**	**28**
	Apr 2020	259	22	12	19	11	6
	May 2020	265	70	49	69	23	7
	Jun 2020	290	61	32	45	22	9

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2018 24-Month Study

Most Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions

Date	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Total KAF	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****EFFECTIVE SPACE****										
Jul 2018	251	359	537	11594	12741	17629	30369	22	-77	-23	-78	11594	17629	29144	1500	834	0	29.8
								****CREDITABLE SPACE****										
Aug 2018	245	425	620	12115	13404	17624	31028	245	425	620	1289	12115	17624	31028	1500	740	0	29.2
Sep 2018	308	470	677	12633	14088	17466	31555	308	470	677	1455	12633	17466	31555	2270	795	0	28.6
Oct 2018	393	514	709	12936	14552	17564	32115	393	514	709	1615	12936	17564	32115	3040	604	0	28.1
Nov 2018	447	536	722	13147	14852	17532	32384	447	536	722	1705	13147	17532	32384	3810	761	0	27.8
Dec 2018	497	533	727	13373	15130	17648	32778	497	533	727	1757	13373	17648	32778	4580	677	0	27.5
Jan 2019	568	533	737	13711	15549	17609	33158	568	533	737	1838	13711	17609	33158	5350	619	0	27.3
								****EFFECTIVE SPACE****										
Jan 2019	568	533	737	13711	15549	17609	33158	97	225	425	746	13711	17609	32066	5350	619	0	27.3
Feb 2019	635	537	745	14184	16101	17348	33449	162	228	433	823	14184	17348	32356	1500	685	0	26.9
Mar 2019	692	541	746	14571	16549	17239	33788	217	233	433	883	14571	17239	32693	1500	1055	0	26.4
Apr 2019	738	539	723	14883	16883	17474	34357	261	231	403	895	14883	17474	33252	1500	1059	0	26.1
May 2019	747	529	673	14954	16903	17814	34717	264	226	330	820	14954	17814	33588	1500	967	0	26.7
Jun 2019	755	533	533	14215	16036	18091	34127	266	221	152	639	14215	18091	32945	1500	907	0	27.8
Jul 2019	610	343	457	13289	14699	18307	33005	108	16	21	144	13289	18307	31739	1500	826	0	27.6
								****CREDITABLE SPACE****										
Aug 2019	520	319	497	13481	14817	18301	33118	520	319	497	1336	13481	18301	33118	1500	740	0	27.3
Sep 2019	551	336	532	13922	15341	18141	33482	551	336	532	1419	13922	18141	33482	2270	734	0	26.8
Oct 2019	602	364	545	14172	15682	18179	33862	602	364	545	1511	14172	18179	33862	3040	510	0	26.5
Nov 2019	646	370	562	14310	15889	18057	33946	646	370	562	1578	14310	18057	33946	3810	670	0	26.3
Dec 2019	689	352	572	14491	16105	18086	34191	689	352	572	1614	14491	18086	34191	4580	594	0	26.2
Jan 2020	748	338	577	14802	16465	17967	34432	748	338	577	1663	14802	17967	34432	5350	607	0	26.1
								****EFFECTIVE SPACE****										
Jan 2020	748	338	577	14802	16465	17967	34432	404	338	-36	706	14802	17967	33475	5350	607	0	26.1
Feb 2020	802	324	581	15233	16941	17697	34638	456	324	-32	748	15233	17697	33678	1500	663	0	25.8
Mar 2020	846	312	585	15542	17285	17569	34854	498	312	-29	781	15542	17569	33891	1500	988	0	25.6
Apr 2020	811	290	599	15726	17426	17741	35167	457	290	-23	725	15726	17741	34192	1500	997	0	25.6
May 2020	745	256	647	15502	17150	18024	35174	383	256	1	641	15502	18024	34167	1500	917	0	26.9
Jun 2020	699	201	694	14071	15665	18257	33922	329	201	10	540	14071	18257	32868	1500	929	0	28.4

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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September 24-Month Study
Date: September 14, 2018

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

Reservoir	August Inflow (unregulated) (acre-feet)	Percent of Average (%)	Sep 13, Midnight Elevation (feet)	Sep 13, Midnight Reservoir Storage (acre-feet)
Fontenelle	50,000	66	6,497.99	283,000
Flaming Gorge	42,000	47	6,031.91	3,323,000
Blue Mesa	19,000	29	7,448.74	306,000
Navajo	-7,000	-	6,024.88	958,000
Powell	11,000	2	3,595.10	11,289,000

Expected Operations

The operation of Lake Powell and Lake Mead in this September 2018 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines) and reflects the 2018 Annual Operating Plan (AOP) and draft 2019 AOP. Pursuant to the Interim Guidelines, the August 2017 24-Month Study projections of the January 1, 2018, system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2018.

Consistent with Section 6.B of the Interim Guidelines, the Lake Powell operational tier for water year 2018 is the Upper Elevation Balancing Tier. With an 8.23 million acre-feet (maf) release from Lake Powell in water year 2018, the April 2018 24-Month Study projected the end of water year elevation at Lake Powell to be above 3,575 feet above sea level (feet) and the end of water year elevation at Lake Mead to be below 1,075 feet. Therefore, in accordance with Section 6.B.4 of the Interim Guidelines, Lake Powell operations shifted to balancing releases for the remainder of water year 2018. Under Section 6.B.4, the contents of Lake Powell and Lake Mead will be balanced by the end of the water year, but not more than 9.0 maf and not less than 8.23 maf shall be released from Lake Powell. Based on the most probable inflow forecast, this September 24-Month Study projects a balancing release of 9.0 maf in water year 2018.

Consistent with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar year 2018.

The August 2018 24-Month Study projects the January 1, 2019 Lake Powell elevation to be below the 2019 Equalization Elevation of 3,655 feet and above elevation 3,575 feet. Consistent with Section 6.B of the Interim Guidelines, Lake Powell's operations in water year 2019 will be governed by the Upper Elevation Balancing Tier, with an initial water year release volume of 8.23 maf and the potential for an April adjustment to equalization or balancing releases in April 2019. Consistent with Section 6.B.4 of the Interim Guidelines, an April adjustment to balancing releases is currently projected to occur and Lake Powell is projected to release 9.0 maf in water year 2019.

The August 2018 24-Month Study projects the January 1, 2019 Lake Mead elevation to be above 1,075 feet. Consistent with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar year 2019. The 2019 operational tier determinations will be documented in the 2019 AOP, which is currently in development.

The Interim Guidelines are available for download at:
https://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The 2018 AOP is available for download at:
https://www.usbr.gov/lc/region/g4000/aop/AOP18.pdf
The 2019 AOP Third Consultation draft is available for download at:
https://www.usbr.gov/uc/water/rsvrs/ops/aop/AOP19_Third_Consultation_draft.pdf

Fontenelle Reservoir – Fontenelle Reservoir is currently at elevation 6498.50 feet, which amounts to 83 percent of live storage capacity. Inflows for the month of August totaled 50,100 acre-feet (af), or 66 percent of average. Average inflows are occurring and releases are being adjusted to maintain capacity in the reservoir. Releases as of September 10, 2018 are 1,125 cubic feet per second (cfs).

The Colorado Basin River Forecast Center has forecasted inflows that are at or near average. September, October, and November forecasted inflow volumes are 43,000 af (94 percent of average), 47,000 af (97 percent of average), and 47,000 af (112 percent of average), respectively.

The next Fontenelle Working Group meeting is scheduled for 10:00 a.m., April 24, 2019. The meeting will be held at the Seedskadee National Wildlife Refuge. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir.

Flaming Gorge Reservoir – Daily average releases as of September 10, 2018 are 2,000 cfs with fluctuations for hydropower occurring each day. Releases will likely remain at this daily average rate through the end of September.

Unregulated inflow into Flaming Gorge Reservoir during the month of August was 42,000 af which was 77 percent of average. The current reservoir elevation is 6,032.10 feet (92 percent of live capacity) and is decreasing.

The September final forecast for inflows for the next three months projects at or below average conditions with September, October, and November forecasted inflow volumes of 43,000 af (78 percent of average), 49,000 af (83 percent of average), and 53,000 af (104 percent of average), respectively.

The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stakeholders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations and plans presented by Reclamation at these meetings. Meeting notes from past Working Group meetings are posted on the Working Group webpage. For more information on this group and these meetings please contact Dale Hamilton at 801-379-1186 or Jed Parker at 801-524-3816.

Reclamation will be holding the Flaming Gorge Working Group meeting on Thursday, March 14, 2019 at 10:00 a.m. at the Uintah Conference Center, 313 E 200 S, Vernal, Utah.

Aspinall Unit Reservoirs – As of September 12, 2018 releases from Crystal Dam are approximately 1,450 cfs. The Uncompahgre Valley Water Users Association is diverting approximately 1,000 cfs through the Gunnison Tunnel and flows through the Black Canyon are approximately 500 cfs. There is about a 50 cfs gain to the Gunnison River between Crystal Dam and the Gunnison Tunnel Diversion. As of September 12, 2018, Blue Mesa Reservoir elevation is 7448.99 feet which corresponds to storage content of 306,938 af (37 percent of capacity).

The August unregulated inflow to Blue Mesa Reservoir was 18,571 af (19 percent of average). Unregulated Inflows to Blue Mesa for the next three months (September, October and November) are projected to be: 19,000 af (50 percent of average), 20,000 af (52 percent of average) and 19,000 af (61 percent of average), respectively. For water year 2018, the unregulated inflow volume is forecasted to be 440,000 af (46 percent of average) with 238,000 af (35 percent of average) of unregulated inflow occurring during the April through July period. The September 24-Month Study is reflective of this new forecast. Conditions are clearly very dry and Blue Mesa Reservoir will not fill this year. Current projections indicate Blue Mesa storage will continue to decrease through the rest of water year 2018 ending on September 30, 2018 with a projected elevation and storage of 7444.7 feet and 284,000 af (34 percent of capacity), respectively.

The Aspinall Unit Working Group is an open public forum for information exchange between Reclamation and the stakeholders of the Aspinall Unit. The public is encouraged to attend and comments on the operations and plans presented by Reclamation at these meetings. Meeting notes from past working Group meetings are posted on the Working Group webpage. For more information on this group and these meetings please contact Erik Knight in the Grand Junction Area Office at (970) 248-0629.

Meeting notes from past working Group meetings are posted on the Working Group webpage at:

https://www.usbr.gov/uc/wcao/water/rsvrs/mtgs/amcurrnt.html

The next meeting of the Aspinall Unit Working Group will be held on Thursday, January 17, 2019 at 1:00 pm at the Holiday Inn Express located in Montrose, Colorado.

Navajo Reservoir – As of September 6, 2018, releases from Navajo Dam are 750 cfs and the inflow to Navajo Reservoir is 73 cfs. The Navajo Indian Irrigation Project (NIIP) is diverting 734 cfs from Navajo Reservoir. The reservoir elevation is 6026.7 feet which corresponds to a live storage of 0.976 maf (57 percent of capacity). This elevation also corresponds to an active storage of 0.314 maf (30 percent of capacity). The river flow measured at the San Juan River at Four Corners USGS gage is 560 cfs. River flow at the Animas River at Farmington USGS gage is at 16 cfs.

Releases from Navajo Dam are made for the authorized purposes of the Navajo Unit, and pursuant to the 2006 Record of Decision, to attempt to maintain a target base flow through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell). The San Juan River Basin Recovery Implementation Program (SJRIP) recommends a target base flow of between 500 cfs and 1,000 cfs through the critical habitat area. The target base flow is calculated as the weekly average of gaged flows throughout the critical habitat area.

Modified unregulated inflow into Navajo (inflow adjusted for upstream change in storage, reservoir evaporation and exportation from the basin) in August was -6,552 af. For the month of August, this value falls within the bottom 5 percent of all historical modified unregulated inflows to Navajo Reservoir. In dry years during irrigation season, the modified-unregulated inflow to Navajo Reservoir may calculate to a negative value when observed inflow value to Navajo Reservoir is small and the concurrent change in storage value at Vallecito Reservoir is large as has been the case on many days this summer. The modified unregulated inflow during the April through July period was 156,959 af, which was 21 percent of average.

The projected modified unregulated inflow volumes for Navajo Reservoir over the next three months (September, October, and November) are projected to be: 5,000 af (12 percent of average), 10,000 af (21 percent of average), and 10,000 af (30 percent of average), respectively.

Releases for the fall and winter will be made to maintain the minimum target baseflow in the critical habitat reach and will decrease as irrigation in the basin decreases. When conditions allow, the release will be reduced to as low as the minimum release of 250 cfs, so long as the target baseflow downstream is still met.

Reclamation conducts Public Operations Meetings three times per year to gather input for determining upcoming operations for Navajo Reservoir. Input from individuals, organizations, and agencies along with other factors such as weather, water rights, endangered species requirements, flood control, hydro power, recreation, fish and wildlife management, and reservoir levels, will be considered in the development of these reservoir operation plans. In addition, the meetings are used to coordinate activities and exchange information among agencies, water users, and other interested parties concerning the San Juan River and Navajo Reservoir.

The next Navajo Public Operations Coordination Meeting is scheduled for Tuesday, January 29th, 2018, at 1:00 p.m. at the Farmington Civic Center, Farmington, NM.

Glen Canyon Dam / Lake Powell

Current Status

The Department of the Interior is exploring the possibility of a High Flow Experiment from Glen Canyon Dam to be conducted in November 2018. High Flow Experiments (HFE) below Glen Canyon Dam are driven by weather, sediment inputs, and other resource conditions, in accordance with the Long-Term Experimental and Management Plan (LTEMP).

When sediment conditions during the summer and fall meet specific thresholds as described in the LTEMP, a fall HFE can occur. Fall HFEs can be scheduled to occur anytime during the months of October and November; however, under the LTEMP, HFEs have historically always occurred in November. Our best preliminary data and model runs indicate we now have enough sediment input from the Paria River for an HFE to occur at Glen Canyon Dam. The HFE Technical Team will be meeting to begin planning for a possible HFE and reviewing the status of resources and potential resource impacts.

The HFE will likely begin on November 5, 2018. The duration of the HFE is dependent upon further data collection, modeling, and analysis prior to the end of October. A final determination on the timing, magnitude and duration of a potential fall 2018 HFE will likely be made in mid- to late-October.

The April to July 2018 unregulated inflow to Lake Powell was 2.6 maf (36 percent of average). The unregulated inflow in August was 11.2 thousand acre-feet (kaf) (2 percent of average). The is the second lowest unregulated inflow to occur in August. The lowest occurred in August 2002 when the volume was negative 50 kaf. The release volume from Glen Canyon Dam in August was 900 kaf. The end of August elevation and storage of Lake Powell were 3,597 feet (103 feet from full pool) and 11.2 maf (47 percent of capacity), repectively.

Current Operations

The operating tier for water year 2018 was established in August 2017 as the Upper Elevation Balancing Tier. The April 2018 24-Month Study established that Lake Powell operations would be governed by balancing for the remainder of water year 2018. As described in the Interim Guidelines, under balancing, the contents of Lake Powell and

Lake Mead are to be balanced by the end of the water year, but not more than 9.0 maf and not less than 8.23 maf is to be released from Lake Powell. Based on the most probable inflow forecast, the September 24-Month Study projects a balancing release of 9.0 maf for water year 2018. Reclamation will schedule operations at Glen Canyon Dam to achieve as practicably as possible the appropriate total annual release volume by September 30, 2018.

The operating tier for water year 2019, established by the August 2018 24-Month Study, is the Upper Elevation Balancing Tier. Under this Tier the initial annual water year release volume is 8.23 maf but there is potential for an April 2019 adjustment to equalization or balancing releases. Based on the current forecast, an April adjustment to balancing releases is projected and Lake Powell is currently projected to release 9.0 maf in water year 2019. This projection will be updated each month throughout the water year.

In September, the release volume will be approximately 671 kaf, with fluctuations anticipated between about 7,600 cfs in the nighttime to about 13,640 cfs in the daytime and consistent with the Glen Canyon Dam, Record of Decision on LTEMP (December 2016). The anticipated release volume for October is 625 kaf with daily fluctuations between approximately 7,070 cfs and 12,700 cfs. The expected release for November is 625 kaf, unless an HFE is implemented. Once the timing, magnitude and duration of an HFE has been determined, a release volume will be available.

In addition to daily scheduled fluctuations for power generation, the instantaneous releases from Glen Canyon Dam may also fluctuate to provide 40 megawatts (mw) of system regulation. These instantaneous release adjustments stabilize the electrical generation and transmission system and translate to a range of about 1,200 cfs above or below the hourly scheduled release rate. Under normal conditions, fluctuations for regulation are typically short lived and generally balance out over the hour with minimal or no noticeable impacts on downstream river flow conditions.

Releases from Glen Canyon Dam can also fluctuate beyond scheduled releases when called upon to respond to power system emergencies. Depending on the severity of the system emergency, the response from Glen Canyon Dam can be significant and within the full range of the operating capacity of the power plant for as long as is necessary to maintain balance in the transmission system. Glen Canyon Dam currently maintains 27 mw (approximately 800 cfs) of generation capacity in reserve in order to respond to a system emergency even when generation rates are already high. System emergencies occur fairly infrequently and typically require small responses from Glen Canyon Dam. However, these responses can have a noticeable impact on the river downstream of Glen Canyon Dam.

Inflow Forecasts and Model Projections

The forecast for water year 2019 unregulated inflow to Lake Powell, issued on August 1, 2018, by the Colorado Basin River Forecast Center, projects that the most probable (median) unregulated inflow volume next year will be 8.1 maf (75 percent of average).

There is significant uncertainty regarding next season's snow pack development and resulting runoff into Lake Powell. The forecast ranges from a minimum probable of 4.8 maf (44 percent of average) to a maximum probable of 15.6 maf (144 percent of average). There is a 10 percent chance that inflows could be higher than the current maximum probable forecast and a 10 percent chance that inflows could be lower than the minimum probable forecast.

Based on the current forecast, the September 24-Month Study projects Lake Powell elevation will end water year 2018 near 3,595 feet with approximately 11.29 maf in storage (49 percent of capacity) and water year 2019 near 3,577 feet with approximately 9.734 maf in storage (40 percent of capacity). Note that projections of elevation and storage for water year 2019 have significant uncertainty at this point in the season. Projections of end of water year 2019 elevation and storage using the minimum and maximum probable inflow forecast from August 2018 are 3,562 feet (8.494 maf, 35 percent of capacity) and 3,641 feet (16.13 maf, 66 percent of capacity), respectively. Under these scenarios, there is a 10 percent chance that inflows will be higher, resulting in higher elevation and storage, and 10 percent chance that inflows will be lower, resulting in lower elevation and storage. The annual release volume from Lake Powell during water year 2019 is projected to be 9.0 maf under the most probable and maximum probable inflow scenarios and 8.23 maf under the minimum probable inflow scenario.

Upper Colorado River Basin Hydrology

The Upper Colorado River Basin regularly experiences significant year to year hydrologic variability. During the 18-year period 2000 to 2017, however, the unregulated inflow to Lake Powell, which is a good measure of hydrologic conditions in the Colorado River Basin, was above average in only 4 of these years and had the lowest average annual (based on water year) unregulated inflow volume of any 18 year period since the closure of Glen Canyon Dam in 1963. The average annual unregulated inflow volume during this period was 8.76 maf, or 81 percent of the official average which is based on the period from 1981 through 2010 and is 10.83 maf. During the 2000 to 2017 period, the annual unregulated inflow volume has ranged from a low of 2.64 maf (24 percent of average) in 2002 to a high of 15.97 maf (147 percent of average) in 2011. In water year 2017 unregulated inflow volume was 11.9 maf (110 percent of average). Under the current forecast, the annual unregulated inflow volume for water year 2018 is projected to be 5.25 maf (48 percent of average).

At the beginning of water year 2018, total system storage in the Colorado River Basin was 32.9 maf (55 percent of the 59.6 maf in total system capacity). This was an increase of 2.7 maf over the total storage at the beginning of water year 2017. Since the beginning of water year 2000, total Colorado Basin storage has experienced year to year increases and decreases in response to wet and dry hydrology, ranging from a high of 94 percent of capacity at the beginning of 2000 to a low of 50 percent of capacity at the beginning of water year 2005. One wet year can significantly increase total system reservoir storage, just as persistent dry years can draw down the system storage. Based on current inflow forecasts, the current projected end of water year total Colorado Basin reservoir storage for water year 2018 is approximately 29.0 maf (48 percent of total system capacity). The actual end of water year 2018 system storage may vary from this projection, primarily

due to uncertainty regarding this season's runoff and reservoir inflow. Based on the April minimum and maximum probable inflow forecasts and modeling, the range of end of water year 2018 total system capacity is approximately 27.8 maf (47 percent of capacity) to 31.0 maf (52 percent of capacity), respectively.

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-430
125 SOUTH STATE STREET, ROOM 8100
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-3709

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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:	Obs			aug	Forecast			Observed	
:	may	jun	jul	aug %Avg	sep	oct	nov	apr-jul	%Avg
GLDA3:Lake Powell	1214	883	123	11.2 2%	150/	300/	330/	2602/:	36%
GBRW4:Fontenelle	354	404	138	50 65%	43/	47/	47/	997/:	138%
GRNU1:Flaming Gorge	422	435	140	42 47%	43/	49/	53/	1118/:	114%
BMDC2:Blue Mesa	112	56	22	18.8 30%	19/	20/	19/	238/:	35%
MPSC2:Morrow Point	121	57	22	19.0 28%	20/	21/	20/	254/:	34%
CLSC2:Crystal	129	61	24	21 28%	22/	23/	22/	274/:	33%
TPIC2:Taylor Park	24	13.2	4.9	3.2 31%	3/	3.5/	3/	51/:	52%
VCRC2:Vallecito	30	13.8	7.6	5.4 27%	5/	5/	4/	66/:	34%
NVRN5:Navajo	89	6.0	-8.73	-6.61 -99%:	5/	10/	10/	155/:	21%
LEMC2:Lemon	7.5	2.3	1.13	0.73 15%	1/	1/	0.5/	14/:	25%
MPHC2:McPhee	22	4.7	10.5	7.8 49%	4/	3.5/	3/	50/:	17%
RBSC2:Ridgway	13.0	9.4	3.5	2.8 19%	2/	2/	3/	31/:	31%

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2018 24-Month Study

Most Probable Inflow*

Fontenelle Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Sep 2017	66	2	69	4	72	6495.21	263
	WY 2017	**2319**	**15**	**379**	**1890**	**2270**		
H	Oct 2017	73	1	80	0	80	6494.03	255
I	Nov 2017	62	1	78	0	78	6491.65	238
S	Dec 2017	46	1	72	8	80	6486.39	204
T	Jan 2018	42	1	79	1	80	6479.83	165
O	Feb 2018	38	0	72	0	72	6472.86	131
R	Mar 2018	58	0	16	56	71	6469.78	117
I	Apr 2018	101	1	83	4	87	6472.76	130
C	May 2018	354	2	100	123	223	6494.84	260
A	Jun 2018	404	2	101	269	370	6499.18	292
L	Jul 2018	138	3	92	8	100	6503.79	327
*	Aug 2018	50	2	75	1	76	6500.10	299
	Sep 2018	43	2	64	0	64	6496.97	276
	WY 2018	**1410**	**15**	**913**	**470**	**1382**		
	Oct 2018	47	1	66	0	66	6494.13	256
	Nov 2018	47	1	64	0	64	6491.58	239
	Dec 2018	40	1	66	0	66	6487.50	212
	Jan 2019	35	1	66	0	66	6482.36	180
	Feb 2019	32	1	60	0	60	6477.11	152
	Mar 2019	48	0	75	0	75	6471.23	124
	Apr 2019	78	1	86	0	86	6469.21	116
	May 2019	130	1	97	6	103	6475.11	142
	Jun 2019	270	2	101	24	125	6498.14	285
	Jul 2019	175	3	102	13	115	6505.59	342
	Aug 2019	66	2	69	0	69	6504.91	337
	Sep 2019	42	2	67	0	67	6501.47	310
	WY 2019	**1010**	**15**	**918**	**44**	**962**		
	Oct 2019	46	1	69	0	69	6498.21	286
	Nov 2019	41	1	67	0	67	6494.50	259
	Dec 2019	32	1	69	0	69	6488.87	221
	Jan 2020	30	1	69	0	69	6482.60	182
	Feb 2020	28	1	65	0	65	6475.49	144
	Mar 2020	53	0	72	0	72	6471.15	124
	Apr 2020	85	1	78	0	78	6472.69	131
	May 2020	164	1	100	8	108	6483.23	185
	Jun 2020	299	2	103	72	175	6501.08	307
	Jul 2020	178	3	100	40	140	6505.54	342
	Aug 2020	77	2	100	10	111	6500.87	306

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3071

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2018 24-Month Study

Most Probable Inflow*

Flaming Gorge Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	Sep 2017	87	93	11	141	0	141	140	6033.63	3491	161
	WY 2017	**3153**	**3104**	**81**	**2016**	**712**	**2728**				**4225**
H	Oct 2017	88	95	8	107	0	107	140	6033.17	3473	151
I	Nov 2017	82	98	4	139	0	139	138	6032.07	3430	166
S	Dec 2017	52	86	2	174	0	174	135	6029.85	3343	197
T	Jan 2018	52	90	2	175	0	175	131	6027.65	3259	208
O	Feb 2018	57	91	2	155	1	157	129	6025.91	3194	197
R	Mar 2018	86	99	3	106	0	106	128	6025.65	3184	178
I	Apr 2018	121	108	5	101	0	101	128	6025.69	3186	277
C	May 2018	422	290	8	163	6	169	133	6028.57	3294	572
A	Jun 2018	435	401	11	125	0	125	143	6035.09	3550	278
L	Jul 2018	140	102	14	120	0	120	142	6034.33	3519	141
*	Aug 2018	42	68	13	124	0	124	139	6032.67	3453	142
	Sep 2018	43	64	11	119	0	119	136	6031.05	3390	125
	WY 2018	**1620**	**1592**	**83**	**1608**	**7**	**1615**				**2631**
	Oct 2018	49	68	7	98	0	98	135	6030.11	3353	116
	Nov 2018	53	70	4	95	0	95	134	6029.40	3326	123
	Dec 2018	41	67	2	111	0	111	132	6028.25	3282	134
	Jan 2019	45	76	2	111	0	111	131	6027.33	3247	131
	Feb 2019	45	73	2	111	0	111	129	6026.29	3208	130
	Mar 2019	95	122	3	111	0	111	129	6026.51	3216	176
	Apr 2019	125	133	5	113	0	113	130	6026.89	3231	303
	May 2019	170	143	8	195	0	195	128	6025.35	3173	635
	Jun 2019	315	170	10	126	0	126	129	6026.22	3205	561
	Jul 2019	200	140	13	98	0	98	130	6026.94	3233	173
	Aug 2019	76	79	12	92	0	92	129	6026.29	3208	110
	Sep 2019	51	76	11	83	0	83	128	6025.82	3191	97
	WY 2019	**1265**	**1217**	**79**	**1345**	**0**	**1345**				**2690**
	Oct 2019	55	79	7	86	0	86	128	6025.44	3177	113
	Nov 2019	50	76	3	83	0	83	127	6025.15	3166	112
	Dec 2019	35	72	2	86	0	86	127	6024.74	3151	111
	Jan 2020	40	79	2	86	0	86	126	6024.52	3142	111
	Feb 2020	45	82	2	63	0	63	127	6024.94	3158	91
	Mar 2020	102	122	3	80	0	80	129	6025.95	3195	157
	Apr 2020	134	126	5	89	0	89	130	6026.77	3226	304
	May 2020	245	190	8	179	0	179	130	6026.85	3229	711
	Jun 2020	390	265	10	197	0	197	132	6028.33	3285	617
	Jul 2020	210	173	14	160	0	160	132	6028.32	3285	260
	Aug 2020	89	123	13	160	0	160	130	6027.06	3237	185

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2018 24-Month Study

Most Probable Inflow*

Taylor Park Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Sep 2017	8	18	9314.58	77
	WY 2017	**179**	**173**		
H	Oct 2017	8	8	9314.93	78
I	Nov 2017	6	6	9315.09	78
S	Dec 2017	4	6	9313.84	76
T	Jan 2018	4	6	9312.64	74
O	Feb 2018	4	6	9311.50	72
R	Mar 2018	5	6	9310.51	71
I	Apr 2018	8	7	9311.18	72
C	May 2018	24	12	9318.33	84
A	Jun 2018	13	15	9317.29	82
L	Jul 2018	5	14	9311.71	73
*	Aug 2018	3	13	9305.51	63
	Sep 2018	3	12	9299.25	54
	WY 2018	**88**	**111**		
	Oct 2018	4	4	9299.16	54
	Nov 2018	3	3	9299.16	54
	Dec 2018	3	3	9299.09	54
	Jan 2019	3	3	9299.01	54
	Feb 2019	2	3	9298.41	53
	Mar 2019	3	3	9298.33	53
	Apr 2019	5	10	9294.39	48
	May 2019	22	16	9299.46	54
	Jun 2019	34	21	9308.43	67
	Jul 2019	13	24	9301.29	57
	Aug 2019	7	20	9291.43	44
	Sep 2019	6	15	9282.81	35
	WY 2019	**105**	**123**		
	Oct 2019	6	7	9281.57	34
	Nov 2019	5	5	9281.28	34
	Dec 2019	5	5	9280.71	33
	Jan 2020	4	5	9279.76	33
	Feb 2020	4	5	9278.50	32
	Mar 2020	4	8	9274.21	28
	Apr 2020	9	8	9275.16	29
	May 2020	28	30	9272.99	27
	Jun 2020	42	30	9286.16	39
	Jul 2020	20	10	9295.15	49
	Aug 2020	10	8	9296.98	51

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2018 24-Month Study

Most Probable Inflow*

Blue Mesa Reservoir

	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Sep 2017	35	45	1	115	0	114	7508.43	732
	WY 2017	**1245**	**1238**	**9**	**987**	**101**	**1163**		
H	Oct 2017	37	37	1	102	0	102	7500.64	667
I	Nov 2017	32	32	0	40	0	40	7499.68	659
S	Dec 2017	25	27	0	93	0	93	7491.44	593
T	Jan 2018	20	22	0	60	0	60	7486.51	554
O	Feb 2018	23	25	0	32	0	32	7485.54	547
R	Mar 2018	28	29	0	43	0	43	7483.73	534
I	Apr 2018	48	47	1	82	0	82	7478.94	498
C	May 2018	112	100	1	85	0	85	7480.90	513
A	Jun 2018	56	57	1	98	0	98	7475.06	471
L	Jul 2018	21	31	1	101	0	101	7464.43	399
*	Aug 2018	19	28	1	93	0	93	7453.77	334
	Sep 2018	19	28	1	76	0	76	7444.90	285
	WY 2018	**440**	**463**	**7**	**903**	**0**	**903**		
	Oct 2018	20	20	0	46	0	46	7439.76	258
	Nov 2018	19	19	0	24	0	24	7438.77	253
	Dec 2018	16	16	0	25	0	25	7436.99	245
	Jan 2019	14	14	0	26	0	26	7434.55	233
	Feb 2019	14	15	0	26	0	26	7432.15	222
	Mar 2019	24	24	0	34	0	34	7429.82	211
	Apr 2019	53	58	0	47	0	47	7432.27	223
	May 2019	170	164	1	181	21	202	7423.32	184
	Jun 2019	245	232	1	34	0	34	7461.53	381
	Jul 2019	87	98	1	81	0	81	7463.94	396
	Aug 2019	48	61	1	101	0	101	7457.24	354
	Sep 2019	35	44	1	73	0	73	7452.11	324
	WY 2019	**745**	**764**	**6**	**698**	**21**	**719**		
	Oct 2019	37	38	0	49	0	49	7450.06	313
	Nov 2019	31	31	0	18	0	18	7452.33	326
	Dec 2019	26	26	0	30	0	30	7451.61	322
	Jan 2020	24	25	0	24	0	24	7451.80	323
	Feb 2020	22	23	0	22	0	22	7451.97	324
	Mar 2020	36	40	0	25	0	25	7454.47	338
	Apr 2020	77	76	1	36	0	36	7461.07	378
	May 2020	221	223	1	195	3	198	7464.82	402
	Jun 2020	261	249	1	33	0	33	7494.51	617
	Jul 2020	117	107	1	70	0	70	7498.92	652
	Aug 2020	63	61	1	88	0	88	7495.47	625

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2018 24-Month Study

Most Probable Inflow*

Morrow Point Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Sep 2017	35	114	0	115	92	0	112	7155.62	114
	WY 2017	**1314**	**1163**	**69**	**1232**	**893**	**0**	**1226**		
H	Oct 2017	38	102	1	103	105	0	105	7153.17	112
I	Nov 2017	34	40	1	41	42	0	42	7152.45	111
S	Dec 2017	26	93	1	94	94	0	94	7152.45	111
T	Jan 2018	22	60	2	62	62	0	63	7150.65	110
O	Feb 2018	24	32	1	33	34	0	34	7149.19	108
R	Mar 2018	29	43	1	44	49	0	49	7143.05	104
I	Apr 2018	54	82	6	87	79	0	79	7154.30	112
C	May 2018	121	85	8	94	94	0	94	7153.76	112
A	Jun 2018	57	98	2	99	99	0	99	7154.16	112
L	Jul 2018	22	101	1	102	101	0	101	7155.49	113
*	Aug 2018	19	93	0	93	94	0	94	7153.96	112
	Sep 2018	20	76	1	77	78	0	78	7153.73	112
	WY 2018	**466**	**903**	**26**	**929**	**929**	**0**	**930**		
	Oct 2018	21	46	1	47	47	0	47	7153.73	112
	Nov 2018	20	24	1	25	25	0	25	7153.73	112
	Dec 2018	17	25	1	26	26	0	26	7153.73	112
	Jan 2019	15	26	1	27	27	0	27	7153.73	112
	Feb 2019	15	26	1	27	27	0	27	7153.73	112
	Mar 2019	26	34	2	36	36	0	36	7153.73	112
	Apr 2019	59	47	6	53	53	0	53	7153.73	112
	May 2019	186	202	16	218	218	0	218	7153.73	112
	Jun 2019	260	34	15	49	49	0	49	7153.73	112
	Jul 2019	90	81	3	84	84	0	84	7153.73	112
	Aug 2019	49	101	1	102	102	0	102	7153.73	112
	Sep 2019	37	73	2	75	75	0	75	7153.73	112
	WY 2019	**795**	**719**	**50**	**769**	**769**	**0**	**769**		
	Oct 2019	38	49	1	50	50	0	50	7153.73	112
	Nov 2019	32	18	1	19	19	0	19	7153.73	112
	Dec 2019	28	30	2	32	32	0	32	7153.73	112
	Jan 2020	27	24	2	26	26	0	26	7153.73	112
	Feb 2020	25	22	3	25	25	0	25	7153.73	112
	Mar 2020	40	25	4	29	29	0	29	7153.73	112
	Apr 2020	88	36	11	47	47	0	47	7153.73	112
	May 2020	247	198	26	224	224	0	224	7153.73	112
	Jun 2020	281	33	20	53	53	0	53	7153.73	112
	Jul 2020	123	70	6	76	76	0	76	7153.73	112
	Aug 2020	67	88	3	91	91	0	91	7153.73	112

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2018 24-Month Study

Most Probable Inflow*

Crystal Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
*	Sep 2017	39	112	4	116	115	0	115	6748.63	16	59	56
	WY 2017	**1423**	**1226**	**109**	**1335**	**751**	**350**	**1334**			**413**	**929**
H	Oct 2017	43	105	5	110	109	0	109	6751.20	16	55	53
I	Nov 2017	38	42	4	46	46	0	46	6749.89	16	1	46
S	Dec 2017	29	94	3	97	97	0	97	6749.23	16	1	98
T	Jan 2018	25	63	3	66	62	4	66	6747.99	16	1	65
O	Feb 2018	27	34	3	37	16	20	36	6750.06	16	0	34
R	Mar 2018	33	49	4	52	53	0	53	6747.97	16	13	38
I	Apr 2018	60	79	6	84	84	0	84	6749.35	16	53	28
C	May 2018	129	94	9	102	102	0	102	6749.41	16	62	39
A	Jun 2018	61	99	3	102	102	0	102	6750.48	16	63	42
L	Jul 2018	24	101	2	103	103	0	103	6750.59	16	64	41
*	Aug 2018	21	94	2	96	98	0	98	6744.83	15	65	36
	Sep 2018	22	78	2	80	77	0	77	6753.04	17	55	22
	WY 2018	**512**	**930**	**46**	**976**	**949**	**26**	**974**			**434**	**542**
	Oct 2018	23	47	2	49	49	0	49	6753.04	17	30	19
	Nov 2018	22	25	2	27	27	0	27	6753.04	17	0	27
	Dec 2018	19	26	2	28	28	0	28	6753.04	17	0	28
	Jan 2019	16	27	1	28	28	0	28	6753.04	17	0	28
	Feb 2019	16	27	1	28	28	0	28	6753.04	17	0	28
	Mar 2019	28	36	2	38	38	0	38	6753.04	17	5	33
	Apr 2019	66	53	7	60	60	0	60	6753.04	17	42	18
	May 2019	205	218	19	237	134	103	237	6753.04	17	62	175
	Jun 2019	290	49	30	79	79	0	79	6753.04	17	61	18
	Jul 2019	99	84	9	93	93	0	93	6753.04	17	65	28
	Aug 2019	54	102	5	107	107	0	107	6753.04	17	65	42
	Sep 2019	42	75	5	80	80	0	80	6753.04	17	55	25
	WY 2019	**880**	**769**	**85**	**854**	**751**	**103**	**854**			**385**	**469**
	Oct 2019	43	50	5	55	55	0	55	6753.04	17	30	25
	Nov 2019	37	19	4	24	24	0	24	6753.04	17	0	24
	Dec 2019	32	32	5	37	37	0	37	6753.04	17	0	37
	Jan 2020	31	26	5	31	31	0	31	6753.04	17	0	31
	Feb 2020	29	25	4	29	29	0	29	6753.04	17	0	29
	Mar 2020	46	29	6	35	35	0	35	6753.04	17	5	30
	Apr 2020	101	47	12	60	60	0	60	6753.04	17	42	18
	May 2020	281	224	34	258	134	124	258	6753.04	17	62	196
	Jun 2020	315	53	34	87	87	0	87	6753.04	17	61	26
	Jul 2020	138	76	14	90	90	0	90	6753.04	17	65	25
	Aug 2020	75	91	8	100	100	0	100	6753.04	17	65	35

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2018 24-Month Study

Most Probable Inflow*

Vallecito Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Sep 2017	9	34	7644.31	74
	WY 2017	**303**	**297**		
H	Oct 2017	9	22	7638.22	61
I	Nov 2017	5	2	7639.49	63
S	Dec 2017	3	1	7640.27	65
T	Jan 2018	3	0	7641.42	67
O	Feb 2018	3	0	7642.57	70
R	Mar 2018	4	0	7644.11	73
I	Apr 2018	15	3	7649.29	85
C	May 2018	30	31	7648.91	84
A	Jun 2018	14	35	7639.22	63
L	Jul 2018	8	35	7624.15	35
*	Aug 2018	5	19	7613.87	22
	Sep 2018	5	3	7615.08	23
	WY 2018	**104**	**152**		
	Oct 2018	5	1	7618.39	27
	Nov 2018	4	0	7621.08	31
	Dec 2018	3	0	7622.87	33
	Jan 2019	2	0	7623.93	35
	Feb 2019	2	0	7624.98	36
	Mar 2019	4	0	7627.14	40
	Apr 2019	12	0	7633.54	51
	May 2019	50	31	7642.77	70
	Jun 2019	62	43	7650.86	89
	Jul 2019	25	42	7643.53	72
	Aug 2019	15	38	7632.22	49
	Sep 2019	14	30	7622.70	33
	WY 2019	**198**	**185**		
	Oct 2019	14	17	7620.03	29
	Nov 2019	8	2	7624.43	36
	Dec 2019	6	2	7627.20	40
	Jan 2020	5	2	7629.25	43
	Feb 2020	5	2	7630.90	46
	Mar 2020	9	2	7634.44	53
	Apr 2020	23	2	7644.55	74
	May 2020	71	31	7660.73	114
	Jun 2020	70	65	7662.66	119
	Jul 2020	29	41	7657.68	106
	Aug 2020	20	38	7650.32	88

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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September 2018 24-Month Study

Most Probable Inflow*

Navajo Reservoir

	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azetea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Farmington Flow (1000 Ac-Ft)
*	Sep 2017	9	2	33	3	23	42	6055.28	1289	48
	WY 2017	**1157**	**160**	**991**	**28**	**198**	**785**			**1410**
H	Oct 2017	38	2	49	2	8	32	6055.89	1296	52
I	Nov 2017	19	0	15	1	0	25	6055.04	1286	41
S	Dec 2017	10	0	8	1	0	24	6053.69	1270	40
T	Jan 2018	11	0	9	1	0	23	6052.47	1255	40
O	Feb 2018	14	0	11	1	1	18	6051.73	1246	33
R	Mar 2018	25	2	20	2	6	22	6050.92	1236	30
I	Apr 2018	70	13	46	2	20	38	6049.73	1222	42
C	May 2018	88	16	71	3	36	32	6049.80	1223	69
A	Jun 2018	6	3	24	4	42	42	6044.23	1159	49
L	Jul 2018	-9	0	18	4	42	51	6036.94	1080	53
*	Aug 2018	-7	0	7	3	42	51	6028.27	991	48
	Sep 2018	5	0	3	2	20	34	6022.84	939	44
	WY 2018	**270**	**36**	**283**	**24**	**216**	**393**			**543**
	Oct 2018	10	0	6	1	6	25	6020.00	912	35
	Nov 2018	10	0	6	1	0	19	6018.53	898	28
	Dec 2018	14	0	11	0	0	20	6017.52	889	27
	Jan 2019	14	0	12	0	0	22	6016.46	879	28
	Feb 2019	18	0	16	1	0	17	6016.29	878	22
	Mar 2019	51	3	44	1	5	16	6018.74	900	26
	Apr 2019	100	11	77	2	21	15	6022.97	940	40
	May 2019	205	30	156	3	36	22	6032.70	1036	132
	Jun 2019	177	22	136	3	52	21	6038.42	1096	138
	Jul 2019	38	1	54	4	57	22	6035.76	1068	70
	Aug 2019	32	2	53	3	48	25	6033.55	1045	52
	Sep 2019	31	1	46	2	26	22	6033.11	1040	43
	WY 2019	**700**	**69**	**618**	**21**	**250**	**245**			**640**
	Oct 2019	37	1	40	1	10	22	6033.85	1048	45
	Nov 2019	30	0	24	1	0	21	6034.03	1050	37
	Dec 2019	25	0	21	1	0	22	6033.89	1048	37
	Jan 2020	22	0	18	1	0	22	6033.53	1045	35
	Feb 2020	30	0	27	1	0	20	6034.12	1051	33
	Mar 2020	92	9	77	1	6	22	6038.71	1099	44
	Apr 2020	170	21	128	2	22	21	6046.29	1183	73
	May 2020	277	37	200	3	36	22	6057.92	1322	168
	Jun 2020	224	29	189	4	53	30	6065.84	1424	181
	Jul 2020	66	5	74	5	57	31	6064.45	1405	98
	Aug 2020	45	2	61	4	48	31	6062.83	1384	69

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Managing Water in the West

September 2018 24-Month Study

Most Probable Inflow*

Lake Powell

	Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry Gage (1000 Ac-Ft)
*	Sep 2017	196	410	57	663	0	663	3628.31	5227	14664	671
	WY 2017	**11905**	**11396**	**409**	**8874**	**126**	**9000**				**9152**
H	Oct 2017	449	533	39	640	0	640	3627.09	5216	14530	634
I	Nov 2017	387	454	37	630	0	630	3625.29	5200	14332	619
S	Dec 2017	299	483	29	740	0	740	3622.85	5179	14068	733
T	Jan 2018	262	442	9	860	0	860	3619.14	5147	13672	861
O	Feb 2018	269	387	10	730	0	730	3616.02	5121	13346	750
R	Mar 2018	332	395	16	800	0	800	3612.23	5090	12956	835
I	Apr 2018	382	419	25	705	0	705	3609.39	5067	12669	738
C	May 2018	1214	968	29	705	0	705	3611.54	5085	12886	730
A	Jun 2018	883	635	45	760	0	760	3609.98	5072	12728	781
L	Jul 2018	123	252	53	860	0	860	3603.80	5023	12116	877
*	Aug 2018	11	260	50	900	0	900	3597.12	4972	11477	911
	Sep 2018	150	330	45	671	0	671	3593.29	4943	11121	682
	WY 2018	**4761**	**5559**	**387**	**9000**	**0**	**9000**				**9149**
	Oct 2018	300	397	31	625	0	625	3590.67	4924	10881	631
	Nov 2018	330	386	29	625	0	625	3587.92	4904	10633	625
	Dec 2018	280	364	23	750	0	750	3583.65	4874	10255	755
	Jan 2019	260	345	7	860	0	860	3578.03	4835	9772	871
	Feb 2019	280	357	7	745	0	745	3573.66	4806	9406	749
	Mar 2019	460	459	12	800	0	800	3569.66	4780	9080	805
	Apr 2019	700	628	18	700	0	700	3568.63	4773	8997	708
	May 2019	1570	1508	22	700	0	700	3577.48	4832	9725	706
	Jun 2019	2250	1768	37	765	0	765	3587.77	4903	10620	773
	Jul 2019	760	694	46	860	0	860	3585.56	4888	10423	879
	Aug 2019	370	482	45	900	0	900	3580.65	4853	9995	918
	Sep 2019	340	429	40	670	0	670	3577.59	4832	9734	681
	WY 2019	**7900**	**7818**	**315**	**9000**	**0**	**9000**				**9100**
	Oct 2019	455	493	28	480	0	480	3577.43	4831	9721	486
	Nov 2019	447	459	27	500	0	500	3576.68	4826	9658	500
	Dec 2019	363	415	21	600	0	600	3574.39	4811	9467	605
	Jan 2020	361	406	6	720	0	720	3570.78	4787	9170	731
	Feb 2020	393	402	7	640	0	640	3567.97	4769	8944	644
	Mar 2020	665	575	11	675	0	675	3566.68	4761	8841	680
	Apr 2020	1056	863	18	600	0	600	3569.52	4779	9068	608
	May 2020	2343	2071	23	600	0	600	3585.40	4886	10409	606
	Jun 2020	2666	2133	40	630	0	630	3600.14	4995	11764	638
	Jul 2020	1091	1020	51	710	0	710	3602.64	5014	12004	729
	Aug 2020	500	631	51	760	0	760	3600.91	5001	11837	778

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2018 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Glen Release (1000 Ac-Ft)	Side Inflow Glen to Hoover (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Sep 2017	663	70	58	600	10.1	21	591	662	1082.05	10182
	WY 2017	**9000**	**995**	**541**	**8620**		**236**	**8591**			
H	Oct 2017	640	44	43	596	9.7	23	595	663	1082.30	10202
I	Nov 2017	630	40	42	731	12.3	16	731	656	1080.95	10090
S	Dec 2017	740	43	37	594	9.7	12	593	664	1082.52	10221
T	Jan 2018	860	78	30	449	7.3	10	448	692	1087.50	10642
O	Feb 2018	730	60	28	687	12.4	10	693	696	1088.21	10703
R	Mar 2018	800	70	32	833	13.5	14	832	695	1088.11	10694
I	Apr 2018	705	43	39	1015	17.1	21	1015	675	1084.49	10387
C	May 2018	705	21	44	1055	17.1	27	1054	651	1080.00	10011
A	Jun 2018	760	27	53	986	16.6	28	985	634	1076.81	9748
L	Jul 2018	860	106	65	820	13.3	27	819	637	1077.43	9799
*	Aug 2018	900	75	70	749	12.2	29	748	645	1078.88	9918
	Sep 2018	671	105	58	716	12.0	32	716	643	1078.53	9890
	WY 2018	**9000**	**712**	**541**	**9231**		**251**	**9230**			
	Oct 2018	625	69	42	678	11.0	34	678	639	1077.85	9834
	Nov 2018	625	61	42	718	12.1	27	718	633	1076.69	9739
	Dec 2018	750	50	36	526	8.6	20	526	646	1079.18	9943
	Jan 2019	860	78	30	610	9.9	12	610	664	1082.41	10211
	Feb 2019	745	93	28	684	12.3	14	684	671	1083.66	10317
	Mar 2019	800	56	31	1054	17.1	21	1054	655	1080.85	10082
	Apr 2019	700	48	38	1058	17.8	23	1058	633	1076.62	9733
	May 2019	700	31	43	966	15.7	27	966	614	1073.09	9446
	Jun 2019	765	12	51	907	15.2	33	907	601	1070.58	9245
	Jul 2019	860	81	64	825	13.4	36	825	602	1070.77	9261
	Aug 2019	900	112	68	739	12.0	34	739	612	1072.77	9421
	Sep 2019	670	105	56	733	12.3	27	733	610	1072.29	9382
	WY 2019	**9000**	**796**	**528**	**9500**		**308**	**9500**			
	Oct 2019	480	69	41	510	8.3	28	510	608	1071.94	9355
	Nov 2019	500	61	41	669	11.2	21	669	598	1069.95	9195
	Dec 2019	600	50	35	593	9.6	14	593	598	1070.04	9202
	Jan 2020	720	78	29	607	9.9	14	607	607	1071.78	9342
	Feb 2020	640	93	26	663	11.5	17	663	609	1072.09	9367
	Mar 2020	675	56	29	988	16.1	22	988	590	1068.46	9078
	Apr 2020	600	48	36	997	16.8	25	997	565	1063.52	8692
	May 2020	600	31	40	917	14.9	31	917	543	1059.13	8357
	Jun 2020	630	12	48	929	15.6	31	929	521	1054.53	8014
	Jul 2020	710	81	59	813	13.2	31	813	514	1053.11	7909
	Aug 2020	760	112	62	773	12.6	28	773	515	1053.22	7917

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Managing Water in the West

September 2018 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Sep 2017	600	-11	18	656	0	656	11.0	639.47	1603
	WY 2017	**8620**	**-183**	**199**	**8261**	**0**	**8261**			
H	Oct 2017	596	-2	15	671	0	671	10.9	636.00	1512
I	Nov 2017	731	-18	11	595	0	595	10.0	640.07	1619
S	Dec 2017	594	-16	9	552	0	552	9.0	640.68	1636
T	Jan 2018	449	2	10	437	0	437	7.1		1641
O	Feb 2018	687	-4	10	611	0	611	11.0	643.18	1704
R	Mar 2018	833	-1	13	836	0	836	13.6	642.57	1687
I	Apr 2018	1015	-3	17	1001	0	1001	16.8	642.40	1682
C	May 2018	1055	-11	22	1001	0	1001	16.3	643.17	1703
A	Jun 2018	986	-21	26	909	0	909	15.3	644.29	1734
L	Jul 2018	820	-6	26	827	0	827	13.4	642.91	1696
*	Aug 2018	749	-13	23	730	0	730	11.9	642.29	1679
	Sep 2018	716	-12	18	800	0	800	13.4	638.00	1564
	WY 2018	**9231**	**-104**	**198**	**8967**	**0**	**8967**			
	Oct 2018	678	-4	15	738	0	738	12.0	635.00	1486
	Nov 2018	718	-12	10	617	0	617	10.4	638.00	1564
	Dec 2018	526	-12	9	479	0	479	7.8	639.01	1591
	Jan 2019	610	-19	10	506	0	506	8.2	641.80	1666
	Feb 2019	684	-15	10	659	0	659	11.9	641.80	1666
	Mar 2019	1054	-17	13	990	0	990	16.1	643.05	1700
	Apr 2019	1058	-20	17	1023	0	1023	17.2	643.00	1699
	May 2019	966	-12	22	932	0	932	15.2	643.00	1699
	Jun 2019	907	-15	25	866	0	866	14.6	643.00	1699
	Jul 2019	825	-15	25	812	0	812	13.2	642.00	1671
	Aug 2019	739	-12	23	705	0	705	11.5	642.00	1671
	Sep 2019	733	-12	18	756	0	756	12.7	640.01	1618
	WY 2019	**9500**	**-166**	**197**	**9082**	**0**	**9082**			
	Oct 2019	510	-4	15	674	0	674	11.0	633.00	1434
	Nov 2019	669	-12	10	595	0	595	10.0	635.00	1486
	Dec 2019	593	-12	9	475	0	475	7.7	638.71	1583
	Jan 2020	607	-19	10	496	0	496	8.1	641.80	1666
	Feb 2020	663	-15	10	639	0	639	11.1	641.80	1666
	Mar 2020	988	-17	13	923	0	923	15.0	643.05	1700
	Apr 2020	997	-20	17	962	0	962	16.2	643.00	1699
	May 2020	917	-12	22	882	0	882	14.3	643.00	1699
	Jun 2020	929	-15	25	889	0	889	14.9	643.00	1699
	Jul 2020	813	-15	25	800	0	800	13.0	642.00	1671
	Aug 2020	773	-12	23	739	0	739	12.0	642.00	1671

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2018 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	Sep 2017	656	16	15	481	8.1	56	134	447.17	564	104	1.7
	WY 2017	**8261**	**220**	**140**	**6204**		**664**	**1406**			**1513**	
H	Oct 2017	671	9	12	478	7.8	69	131	446.27	548	65	1.1
I	Nov 2017	595	12	9	349	5.9	89	127	447.86	577	99	1.7
S	Dec 2017	552	17	7	335	5.5	100	144	446.80	557	109	1.8
T	Jan 2018	437	3	6	329	5.3	29	90	445.81	539	125	2.0
O	Feb 2018	611	3	8	429	7.7	12	109	448.52	590	145	2.6
R	Mar 2018	836	-3	9	637	10.4	61	139	447.46	570	195	3.2
I	Apr 2018	1001	-8	11	735	12.4	75	168	447.13	564	175	2.9
C	May 2018	1001	10	13	697	11.3	87	178	448.51	590	124	2.0
A	Jun 2018	909	6	15	712	12.0	91	88	448.43	588	136	2.3
L	Jul 2018	827	20	17	656	10.7	101	72	448.00	580	133	2.2
*	Aug 2018	730	21	17	611	9.9	99	22	447.53	571	104	1.7
	Sep 2018	800	17	15	535	9.0	94	165	447.50	571	95	1.6
	WY 2018	**8967**	**107**	**139**	**6501**		**909**	**1432**			**1506**	
	Oct 2018	738	23	12	485	7.9	85	172	447.50	571	65	1.1
	Nov 2018	617	16	9	396	6.6	82	140	447.50	571	99	1.7
	Dec 2018	479	18	7	291	4.7	85	128	446.50	552	109	1.8
	Jan 2019	506	21	6	318	5.2	78	120	446.50	552	138	2.2
	Feb 2019	659	11	8	485	8.7	51	120	446.50	552	160	2.9
	Mar 2019	990	7	9	718	11.7	69	188	446.70	555	198	3.2
	Apr 2019	1023	16	11	710	11.9	88	183	448.70	593	175	2.9
	May 2019	932	15	13	642	10.4	90	188	448.70	593	104	1.7
	Jun 2019	866	13	16	683	11.5	88	78	448.70	593	105	1.8
	Jul 2019	812	21	17	647	10.5	90	78	448.00	580	111	1.8
	Aug 2019	705	23	17	589	9.6	90	29	447.50	571	100	1.6
	Sep 2019	756	17	15	509	8.6	88	152	447.50	570	89	1.5
	WY 2019	**9082**	**200**	**139**	**6473**		**988**	**1577**			**1452**	
	Oct 2019	674	23	12	490	8.0	48	140	447.50	571	74	1.2
	Nov 2019	595	16	9	408	6.9	48	140	447.50	571	116	1.9
	Dec 2019	475	18	7	313	5.1	48	140	446.50	552	131	2.1
	Jan 2020	496	21	6	313	5.1	87	106	446.50	552	134	2.2
	Feb 2020	639	11	8	479	8.3	57	100	446.50	552	155	2.7
	Mar 2020	923	7	9	708	11.5	77	125	446.70	555	191	3.1
	Apr 2020	962	16	11	699	11.7	97	125	448.70	593	168	2.8
	May 2020	882	15	13	635	10.3	99	137	448.70	593	100	1.6
	Jun 2020	889	13	16	675	11.3	97	100	448.70	593	102	1.7
	Jul 2020	800	21	17	642	10.4	99	62	448.00	580	107	1.7
	Aug 2020	739	23	17	587	9.5	99	56	447.50	571	97	1.6

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2018 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Sep 2017	600	10.1	1082.05	10182	51	440.10	976.1	230.7	66	384.8
	WY 2017	**8620**							**3347.1**		
H	Oct 2017	596	9.7	1082.30	10202	21	441.43	976.1	229.0	66	384.2
I	Nov 2017	731	12.3	1080.95	10090	-113	435.01	996.0	287.9	63	393.6
S	Dec 2017	594	9.7	1082.52	10221	131	439.05	821.0	235.7	52	396.6
T	Jan 2018	449	7.3	1087.50	10642	421	442.14	834.0	176.5	51	392.9
O	Feb 2018	687	12.4	1088.21	10703	61	441.97	1220.1	275.0	75	400.3
R	Mar 2018	833	13.5	1088.11	10694	-9	442.23	1005.9	333.9	62	400.8
I	Apr 2018	1015	17.1	1084.49	10387	-308	437.15	880.9	406.2	55	400.0
C	May 2018	1055	17.1	1080.00	10011	-376	432.39	1385.9	412.1	88	390.8
A	Jun 2018	986	16.6	1076.81	9748	-263	428.91	1552.0	378.6	100	384.1
L	Jul 2018	820	13.3	1077.43	9799	51	432.34	1552.0	313.2	100	382.0
*	Aug 2018	749	12.2	1078.88	9918	119	435.01	1562.0	287.4	100	383.8
	Sep 2018	716	12.0	1078.53	9890	-28	427.10	1562.0	275.1	100	384.3
	WY 2018	**9231**							**3610.7**		
	Oct 2018	678	11.0	1077.85	9834	-56	432.35	1067.9	264.4	68	389.9
	Nov 2018	718	12.1	1076.69	9739	-95	432.24	945.0	284.6	61	396.3
	Dec 2018	526	8.6	1079.18	9943	204	431.60	950.0	202.2	61	384.1
	Jan 2019	610	9.9	1082.41	10211	268	432.99	999.0	239.3	63	392.2
	Feb 2019	684	12.3	1083.66	10317	105	434.30	990.0	272.5	63	398.4
	Mar 2019	1054	17.1	1080.85	10082	-235	433.05	1000.0	424.1	63	402.2
	Apr 2019	1058	17.8	1076.62	9733	-349	429.56	925.9	426.7	60	403.3
	May 2019	966	15.7	1073.09	9446	-287	425.71	913.0	383.6	60	396.9
	Jun 2019	907	15.2	1070.58	9245	-201	418.43	1512.0	342.7	100	377.9
	Jul 2019	825	13.4	1070.77	9261	15	417.61	1512.0	313.6	100	380.2
	Aug 2019	739	12.0	1072.77	9421	160	419.02	1528.0	279.0	100	377.3
	Sep 2019	733	12.3	1072.29	9382	-38	420.42	1528.0	278.2	100	379.5
	WY 2019	**9500**							**3710.8**		
	Oct 2019	510	8.3	1071.94	9355	-28	423.59	1341.0	196.0	88	384.5
	Nov 2019	669	11.2	1069.95	9195	-159	427.54	925.9	259.9	61	388.6
	Dec 2019	593	9.6	1070.04	9202	7	424.35	979.9	227.3	65	383.2
	Jan 2020	607	9.9	1071.78	9342	139	421.41	1223.9	230.3	80	379.2
	Feb 2020	663	11.5	1072.09	9367	25	423.27	956.1	255.7	63	385.6
	Mar 2020	988	16.1	1068.46	9078	-289	421.14	952.6	382.4	63	387.2
	Apr 2020	997	16.8	1063.52	8692	-385	416.88	879.1	386.6	60	387.6
	May 2020	917	14.9	1059.13	8357	-335	412.26	865.6	349.6	60	381.3
	Jun 2020	929	15.6	1054.53	8014	-343	403.58	1422.7	338.8	100	364.7
	Jul 2020	813	13.2	1053.11	7909	-105	400.92	1414.7	295.7	100	363.7
	Aug 2020	773	12.6	1053.22	7917	8	400.60	1415.3	279.7	100	361.7

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2018 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Sep 2017	656	11.0	639.47	1603	-86	138.07	253.3	83.2	99	126.8
	WY 2017	**8261**							**1061.4**		
H	Oct 2017	671	10.9	636.00	1512	-91	134.26	179.3	81.3	70	121.3
I	Nov 2017	595	10.0	640.07	1619	107	138.81	151.3	73.1	59	122.7
S	Dec 2017	552	9.0	640.68	1636	17	139.44	131.6	69.5	52	126.0
T	Jan 2018	437	7.1		1641	5	141.78	159.6	55.0	63	125.9
O	Feb 2018	611	11.0	643.18	1704	63	142.18	162.1	76.6	64	125.4
R	Mar 2018	836	13.6	642.57	1687	-17	139.99	189.2	105.4	74	126.1
I	Apr 2018	1001	16.8	642.40	1682	-5	141.14	207.4	125.1	81	125.0
C	May 2018	1001	16.3	643.17	1703	21	141.89	204.0	126.2	80	126.1
A	Jun 2018	909	15.3	644.29	1734	31	143.00	255.0	115.0	100	126.6
L	Jul 2018	827	13.4	642.91	1696	-38	141.79	255.0	105.3	100	127.4
*	Aug 2018	730	11.9	642.29	1679	-17	141.02	255.0	92.7	100	127.1
	Sep 2018	800	13.4	638.00	1564	-115	133.04	255.0	98.6	100	123.2
	WY 2018	**8967**							**1123.7**		
	Oct 2018	738	12.0	635.00	1486	-79	131.27	185.9	88.9	73	120.4
	Nov 2018	617	10.4	638.00	1564	78	132.41	153.0	74.6	60	121.0
	Dec 2018	479	7.8	639.01	1591	27	132.89	200.7	59.3	79	123.8
	Jan 2019	506	8.2	641.80	1666	75	133.31	255.0	63.4	100	125.3
	Feb 2019	659	11.9	641.80	1666	0	134.78	255.0	82.5	100	125.2
	Mar 2019	990	16.1	643.05	1700	34	135.44	255.0	123.1	100	124.4
	Apr 2019	1023	17.2	643.00	1699	-1	136.07	255.0	127.5	100	124.6
	May 2019	932	15.2	643.00	1699	0	136.04	255.0	116.7	100	125.2
	Jun 2019	866	14.6	643.00	1699	0	136.04	255.0	108.6	100	125.4
	Jul 2019	812	13.2	642.00	1671	-27	135.51	255.0	101.8	100	125.4
	Aug 2019	705	11.5	642.00	1671	0	134.99	255.0	88.5	100	125.5
	Sep 2019	756	12.7	640.01	1618	-54	133.94	255.0	93.9	100	124.2
	WY 2019	**9082**							**1128.9**		
	Oct 2019	674	11.0	633.00	1434	-183	131.28	185.9	81.4	73	120.8
	Nov 2019	595	10.0	635.00	1486	51	129.81	153.0	70.7	60	118.9
	Dec 2019	475	7.7	638.71	1583	97	131.17	200.7	58.1	79	122.3
	Jan 2020	496	8.1	641.80	1666	83	133.16	255.0	62.1	100	125.3
	Feb 2020	639	11.1	641.80	1666	0	134.78	255.0	80.1	100	125.5
	Mar 2020	923	15.0	643.05	1700	34	135.44	255.0	115.2	100	124.8
	Apr 2020	962	16.2	643.00	1699	-1	136.07	255.0	120.2	100	124.9
	May 2020	882	14.3	643.00	1699	0	136.04	255.0	110.7	100	125.5
	Jun 2020	889	14.9	643.00	1699	0	136.04	255.0	111.3	100	125.3
	Jul 2020	800	13.0	642.00	1671	-27	135.51	255.0	100.3	100	125.5
	Aug 2020	739	12.0	642.00	1671	0	134.99	255.0	92.6	100	125.4

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2018 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Sep 2017	481	8.1	447.17	564	-21	81.08	120.0	33.8	100	70.2
	WY 2017	**6204**							**434.1**		
H	Oct 2017	478	7.8	446.27	548	-17	80.03	92.9	33.6	77	70.4
I	Nov 2017	349	5.9	447.86	577	30	81.65	90.0	24.1	75	69.2
S	Dec 2017	335	5.5	446.80	557	-20	81.55	92.9	22.5	77	67.0
T	Jan 2018	329	5.3	445.81	539	-18	80.05	117.1	22.8	98	69.2
O	Feb 2018	429	7.7	448.52	590	50	81.30	92.1	30.3	77	70.6
R	Mar 2018	638	10.4	447.46	570	-20	81.79	102.6	44.9	85	70.4
I	Apr 2018	735	12.4	447.13	564	-6	81.11	120.0	50.8	100	69.1
C	May 2018	697	11.3	448.51	590	26	82.36	120.0	48.5	100	69.6
A	Jun 2018	712	12.0	448.43	588	-1	80.33	120.0	49.7	100	69.9
L	Jul 2018	656	10.7	448.00	580	-8	81.97	120.0	46.0	100	70.2
*	Aug 2018	611	9.9	447.53	571	-9	79.27	120.0	42.7	100	69.9
	Sep 2018	535	9.0	447.50	571	-1	74.90	120.0	34.8	100	65.1
	WY 2018	**6502**							**450.6**		
	Oct 2018	485	7.9	447.50	571	0	76.29	90.0	32.0	75	66.1
	Nov 2018	396	6.6	447.50	571	0	76.19	92.0	25.9	77	65.4
	Dec 2018	291	4.7	446.50	552	-19	74.69	113.2	18.3	94	62.9
	Jan 2019	318	5.2	446.50	552	0	75.27	91.0	20.3	76	63.8
	Feb 2019	485	8.7	446.50	552	0	75.21	92.1	31.8	77	65.5
	Mar 2019	718	11.7	446.70	555	4	74.05	119.0	46.7	99	65.0
	Apr 2019	710	11.9	448.70	593	38	75.08	120.0	46.7	100	65.8
	May 2019	642	10.4	448.70	593	0	76.05	120.0	42.6	100	66.3
	Jun 2019	683	11.5	448.70	593	0	76.05	120.0	45.4	100	66.5
	Jul 2019	647	10.5	448.00	580	-13	75.71	120.0	42.7	100	66.1
	Aug 2019	589	9.6	447.50	571	-9	75.13	120.0	38.5	100	65.4
	Sep 2019	509	8.6	447.50	570	0	74.89	120.0	33.1	100	65.0
	WY 2019	**6473**							**424.1**		
	Oct 2019	490	8.0	447.50	571	0	76.29	90.0	32.4	75	66.1
	Nov 2019	408	6.9	447.50	571	0	76.14	93.0	26.7	78	65.5
	Dec 2019	313	5.1	446.50	552	-19	74.65	114.2	19.7	95	63.2
	Jan 2020	313	5.1	446.50	552	0	75.07	94.8	19.9	79	63.6
	Feb 2020	479	8.3	446.50	552	0	75.21	92.1	31.3	77	65.4
	Mar 2020	708	11.5	446.70	555	4	74.01	120.0	45.9	100	64.9
	Apr 2020	699	11.7	448.70	593	38	75.08	120.0	46.0	100	65.8
	May 2020	635	10.3	448.70	593	0	76.05	120.0	42.1	100	66.3
	Jun 2020	675	11.3	448.70	593	0	76.05	120.0	44.9	100	66.5
	Jul 2020	642	10.4	448.00	580	-13	75.71	120.0	42.4	100	66.0
	Aug 2020	587	9.5	447.50	571	-9	75.13	120.0	38.4	100	65.4

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2018 24-Month Study

Most Probable Inflow*

Upper Basin Power

	Date	Glen Canyon 1000 MWHR	Flaming Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Reservoir 1000 MWHR	Fontenelle Reservoir 1000 MWHR
*	Sep 2017	306	56	35	33	22	6
	Summer 2017	**2033**	**492**	**202**	**207**	**93**	**33**
H	Oct 2017	294	42	30	37	21	7
I	Nov 2017	288	55	12	14	8	7
S	Dec 2017	339	68	27	33	19	6
T	Jan 2018	394	68	17	21	12	6
O	Feb 2018	335	60	9	12	3	5
R	Mar 2018	364	41	12	16	9	1
	Winter 2018	**2013**	**334**	**107**	**133**	**71**	**31**
I	Apr 2018	318	39	23	27	16	5
C	May 2018	318	63	23	33	20	7
A	Jun 2018	343	50	27	34	20	8
L	Jul 2018	384	48	27	36	20	8
*	Aug 2018	393	50	24	33	19	7
	Sep 2018	263	44	20	28	13	6
	Summer 2018	**2019**	**293**	**145**	**192**	**108**	**41**
	Oct 2018	243	36	12	17	9	6
	Nov 2018	241	35	6	9	5	5
	Dec 2018	288	41	6	9	5	5
	Jan 2019	326	40	6	10	5	5
	Feb 2019	280	41	6	10	5	4
	Mar 2019	297	40	8	13	7	5
	Winter 2019	**1675**	**233**	**45**	**68**	**34**	**32**
	Apr 2019	258	41	11	19	10	6
	May 2019	260	71	44	78	23	7
	Jun 2019	290	46	9	18	14	8
	Jul 2019	329	36	22	30	16	10
	Aug 2019	342	34	27	37	19	7
	Sep 2019	253	30	19	27	14	6
	Summer 2019	**1732**	**258**	**132**	**209**	**96**	**43**
	Oct 2019	181	31	13	18	10	6
	Nov 2019	187	30	5	7	4	6
	Dec 2019	225	31	8	12	6	6
	Jan 2020	268	31	6	9	5	6
	Feb 2020	237	23	6	9	5	5
	Mar 2020	248	29	7	10	6	5
	Winter 2020	**861**	**124**	**32**	**46**	**25**	**24**
	Apr 2020	221	33	10	17	10	5
	May 2020	225	65	53	81	23	7
	Jun 2020	244	72	9	19	15	9
	Jul 2020	281	59	21	27	16	10
	Aug 2020	301	58	26	33	17	10

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2018 24-Month Study

Most Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions

Date	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Total KAF	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****CREDITABLE SPACE****										
Sep 2018	341	496	705	12845	14386	17459	31845	341	496	705	1541	12845	17459	31845	2270	716	0	28.2
Oct 2018	428	545	757	13201	14931	17487	32418	428	545	757	1730	13201	17487	32418	3040	678	0	27.7
Nov 2018	484	571	784	13441	15281	17543	32824	484	571	784	1840	13441	17543	32824	3810	718	0	27.4
Dec 2018	530	576	798	13689	15592	17638	33231	530	576	798	1904	13689	17638	33231	4580	526	0	27.2
Jan 2019	600	585	807	14067	16059	17434	33493	600	585	807	1992	14067	17434	33493	5350	610	0	26.9
								****EFFECTIVE SPACE****										
Jan 2019	600	585	807	14067	16059	17434	33493	130	158	363	650	14067	17434	32151	5350	610	0	26.9
Feb 2019	667	596	817	14550	16630	17166	33796	196	169	372	737	14550	17166	32453	1500	684	0	26.6
Mar 2019	734	608	818	14916	17075	17060	34136	262	181	373	816	14916	17060	32792	1500	1054	0	26.1
Apr 2019	753	618	796	15242	17409	17295	34705	277	191	344	813	15242	17295	33350	1500	1058	0	25.7
May 2019	747	607	756	15325	17436	17644	35080	265	185	282	732	15325	17644	33701	1500	966	0	26.2
Jun 2019	779	646	660	14597	16681	17931	34612	290	217	147	654	14597	17931	33182	1500	907	0	27.3
Jul 2019	604	449	600	13702	15355	18132	33487	102	6	32	140	13702	18132	31974	1500	825	0	27.2
								****CREDITABLE SPACE****										
Aug 2019	519	434	628	13899	15480	18116	33596	519	434	628	1581	13899	18116	33596	1500	739	0	26.8
Sep 2019	549	475	651	14327	16002	17956	33959	549	475	651	1675	14327	17956	33959	2270	733	0	26.3
Oct 2019	593	505	656	14588	16342	17995	34337	593	505	656	1754	14588	17995	34337	3040	510	0	26.1
Nov 2019	632	517	648	14601	16398	18022	34420	632	517	648	1797	14601	18022	34420	3810	669	0	25.9
Dec 2019	669	504	646	14664	16484	18182	34666	669	504	646	1819	14664	18182	34666	4580	593	0	25.7
Jan 2020	722	508	648	14855	16733	18175	34908	722	508	648	1878	14855	18175	34908	5350	607	0	25.6
								****EFFECTIVE SPACE****										
Jan 2020	722	508	648	14855	16733	18175	34908	312	351	547	1210	14855	18175	34240	5350	607	0	25.6
Feb 2020	770	507	651	15152	17080	18035	35116	358	351	550	1259	15152	18035	34446	1500	663	0	25.4
Mar 2020	792	506	645	15378	17322	18010	35332	376	351	544	1270	15378	18010	34659	1500	988	0	25.1
Apr 2020	775	491	597	15481	17344	18299	35643	354	339	488	1182	15481	18299	34962	1500	997	0	25.1
May 2020	737	452	513	15254	16956	18685	35641	310	298	381	989	15254	18685	34928	1500	917	0	26.4
Jun 2020	680	428	374	13913	15395	19020	34415	243	275	202	721	13913	19020	33654	1500	929	0	27.9
Jul 2020	502	213	272	12558	13545	19363	32908	50	47	43	140	12558	19363	32062	1500	813	0	28.0
								****CREDITABLE SPACE****										
Aug 2020	468	177	291	12318	13254	19468	32721	468	177	291	935	12318	19468	32721	1500	773	0	27.7

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3071

Processed On: 9/11/2018 10:58:59AM

Aug 24-Month Study
Date: August 13, 2018

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

Reservoir	July Inflow (unregulated) (acre-feet)	Percent of Average (%)	Aug 13, Midnight Elevation (feet)	Aug 13, Midnight Reservoir Storage (acre-feet)
Fontenelle	138,000	78	6,502.63	318,000
Flaming Gorge	140,000	66	6,033.67	3,493,000
Blue Mesa	21,000	19	7,460.40	374,000
Navajo	-9,000	-	6,033.38	1,043,000
Powell	123,000	11	3,600.90	11,836,000

Expected Operations

The operation of Lake Powell and Lake Mead in this August 2018 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines) and reflects the 2018 Annual Operating Plan (AOP). Pursuant to the Interim Guidelines, the August 2017 24-Month Study projections of the January 1, 2018, system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2018.

Consistent with Section 6.B of the Interim Guidelines, the Lake Powell operational tier for water year 2018 is the Upper Elevation Balancing Tier. With an 8.23 million acre-feet (maf) release from Lake Powell in water year 2018, the April 2018 24-Month Study projected the end of water year elevation at Lake Powell to be above 3,575 feet above sea level (feet) and the end of water year elevation at Lake Mead to be below 1,075 feet. Therefore, in accordance with Section 6.B.4 of the Interim Guidelines, Lake Powell operations shifted to balancing releases for the remainder of water year 2018. Under Section 6.B.4, the contents of Lake Powell and Lake Mead will be balanced by the end of the water year, but not more than 9.0 maf and not less than 8.23 maf shall be released from Lake Powell. Based on the most probable inflow forecast, this August 24-Month Study projects a balancing release of 9.0 maf in water year 2018.

Consistent with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar year 2018.

The August 2018 24-Month Study projects the January 1, 2019 Lake Powell elevation to be below the 2019 Equalization Elevation of 3,655 feet and above elevation 3,575 feet. Consistent with Section 6.B of the Interim Guidelines, Lake Powell's operations in water year 2019 will be governed by the Upper Elevation Balancing Tier, with an initial water year release volume of 8.23 maf and the potential for an April adjustment to equalization or balancing releases in April 2019. Consistent with Section 6.B.4 of the Interim Guidelines, an April adjustment to balancing releases is currently projected to occur and Lake Powell is projected to release 9.0 maf in water year 2019.

The August 2018 24-Month Study projects the January 1, 2019 Lake Mead elevation to be above 1,075 feet. Consistent with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar year 2019.

The 2019 operational tier determinations will be documented in the 2019 AOP, which is currently in development.

The Interim Guidelines are available for download at:
https://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The 2018 AOP is available for download at:
https://www.usbr.gov/lc/region/g4000/aop/AOP18.pdf

Fontenelle Reservoir – Fontenelle Reservoir is currently at elevation 6503.73 feet, which amounts to 94 percent of live storage capacity. Inflows for the month of July totaled 138,000 acre-feet (af), or 78 percent of average. Average inflows are occurring and releases are being adjusted to maintain capacity in the reservoir. As of August 1, 2018, releases are 1,300 cubic feet per second (cfs).

The Colorado Basin River Forecast Center has forecasted inflows that are at or near average. August, September, and October forecasted inflow volumes amount to 70,000 af (91 percent of average), 50,000 af (109 percent of average), and 53,000 af (109 percent of average), respectively.

The next Fontenelle Working Group meeting is scheduled for 10:00 a.m., August 23, 2018. The meeting will be held at the Joint Powers Water Board at 2 Telephone Canyon Road in Green River, WY. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir.

Flaming Gorge Reservoir – As of August 1, 2018 releases are 2,000 cfs with fluctuations for hydropower. Average daily releases will likely remain at 2,000 cfs through the coming months.

Unregulated inflow into Flaming Gorge Reservoir during the month of July was 102,000 af, or 48 percent of average. As of August 1, 2018, the reservoir elevation is 6,034.40 feet (94 percent of live capacity) and decreasing.

The August final forecast for inflows for the next three months projects at or below average conditions: August, September, and October forecasted inflow volumes at 72,000 af (81 percent of average), 52,000 af (94 percent of average), and 58,000 af (98 percent of average), respectively.

The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stakeholders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations and plans presented by Reclamation at these meetings. Meeting notes from past Working Group meetings are posted on the Working Group webpage. For more information on this group and these meetings please contact Dale Hamilton at 801-379-1186 or Jed Parker at 801-524-3816.

Reclamation will be holding the Flaming Gorge Working Group meeting on Monday, August 27, 2018 at 10:00 a.m. at the Uintah Conference Center, 313 E 200 S, Vernal, Utah.

Aspinall Unit Reservoirs – As of August 13, 2018 releases from Crystal Dam are approximately 1,600 cfs. Uncompahgre Valley Water Users Association is diverting approximately 1,060 cfs through the Gunnison Tunnel and flows through the Black Canyon are approximately 590 cfs. There is about a 40 cfs gain to the Gunnison River between Crystal Dam and the Gunnison Tunnel Diversion. As of August 13, 2018, Blue Mesa Reservoir elevation is 7460.40 feet which corresponds to storage content of 373,714 af (45 percent of capacity).

The July unregulated inflow to Blue Mesa Reservoir was 21,352 af (19 percent of average). Unregulated Inflows to Blue Mesa for the next three months (August, September, October) are projected to be: 21,000 af (33 percent of average), 22,000 af (58 percent of average) and 22,000 af (63 percent of average), respectively. For water year 2018, the unregulated inflow volume is forecasted to be 445,000 af (47 percent of average) with 238,000 af (35 percent of average) of unregulated inflow during the April through July period. The August 24-Month Study is reflective of this new forecast. Conditions are clearly very dry and Blue Mesa Reservoir will not fill this year. Current projections indicate Blue Mesa storage will continue to decrease through the rest of water year 2018 ending on September 30, 2018 with a projected elevation and storage of 7443.8 feet and 279,000 af (34 percent of capacity), respectively.

The Aspinall Unit Working Group is an open public forum for information exchange between Reclamation and the stakeholders of the Aspinall Unit. The public is encouraged to attend and comments on the operations and plans presented by Reclamation at these meetings. Meeting notes from past working Group meetings are posted on the Working

Group webpage. For more information on this group and these meetings please contact Erik Knight in the Grand Junction Area Office at (970) 248-0629.

Meeting notes from past working Group meetings are posted on the Working Group webpage at:

https://www.usbr.gov/uc/wcao/water/rsvrs/mtgs/amcurrnt.html

The next meeting of the Aspinall Unit Working Group will be held on Thursday, August 16th, 2018 at 1:00 pm at the at the Elk Creek Visitor Center at Blue Mesa Reservoir.

Navajo Reservoir – As of August 14, 2018 releases from Navajo Dam are 850 cfs and observed inflow is 135 cfs. The Navajo Indian Irrigation Project (NIIP) is diverting 537 cfs. The reservoir elevation is 6033.4 feet which corresponds to a live storage of 1.043 maf (61 percent of live storage capacity). This elevation also corresponds to an active storage of 0.381 maf (37 percent of active storage capacity). The river flow measured at the San Juan River at Four Corners USGS gage is 603 cfs. River flow at the Animas River at Farmington USGS gage is at 7 cfs.

Releases from Navajo Dam are made for the authorized purposes of the Navajo Unit, and pursuant to the 2006 Record of Decision, to attempt to maintain a target base flow through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell). The San Juan River Basin Recovery Implementation Program (SJRIP) recommends a target base flow of between 500 cfs and 1,000 cfs through the critical habitat area. The target base flow is calculated as the weekly average of gaged flows throughout the critical habitat area.

Preliminary modified-unregulated inflow into Navajo (inflow adjusted for upstream change in storage, reservoir evaporation and exportation from the basin) in June was -8,731 af. For the month of June, this value falls within the bottom 5 percent of all historical modified-unregulated inflows to Navajo Reservoir. In dry years during irrigation season, the modified-unregulated inflow to Navajo Reservoir may be calculated as negative values when observed inflow values to Navajo Reservoir are small and concurrent change in storage values at Vallecito Reservoir are large as is the case that has occurred this summer. The modified-unregulated inflow during the April through July period was 154,852 af, which was 21 percent of average.

Forecast modified-unregulated inflow to Navajo over the next three months (August, September, and October) are projected to be: 3,000 af (5 percent of average), 10,000 af (23 percent of average), and 15,000 af (32 percent of average), respectively.

Releases for the remainder of the summer will be made to maintain the minimum target baseflow in the critical habitat reach and will likely range between 700 and 1,100 cfs. Reclamation conducts Public Operations Meetings three times per year to gather input for determining upcoming operations for Navajo Reservoir. Input from individuals, organizations, and agencies along with other factors such as weather, water rights,

endangered species requirements, flood control, hydro power, recreation, fish and wildlife management, and reservoir levels, will be considered in the development of these reservoir operation plans. In addition, the meetings are used to coordinate activities and exchange information among agencies, water users, and other interested parties concerning the San Juan River and Navajo Reservoir.

The next Navajo Public Operations Coordination Meeting is scheduled for Tuesday, August 21, 2018, at 1:00 p.m. at the Farmington Civic Center, Farmington, NM.

Glen Canyon Dam / Lake Powell

Current Status
The Department of the Interior is conducting the first experimental flow at Glen Canyon Dam since implementing its Long-Term Experimental and Management Plan (LTEMP). The goal is to provide enhanced habitat for the lifecycle of aquatic insects that are the primary food source for fish in the Colorado River.

Experiments under LTEMP consist of four different flow regimes: high flows, bug flows, trout management flows, and low summer flows. Collaborative discussions among technical experts resulted in a decision to begin this first experiment on May 1 and continue through August 31, 2018. It will slightly modify the schedule and flow rates of water releases from Lake Powell through Glen Canyon Dam, Arizona. The normally scheduled monthly and weekly release volumes will not be affected.

Flows during the experiment will include steady weekend water releases with routine hydropower production flows on weekdays that include normal hourly changes in release rates. Those steady weekend flows are expected to provide favorable conditions for aquatic insects to lay and cement their eggs to rocks, vegetation, and other materials near the river's edge. Steady weekend flows will be relatively low, within four inches of typical weekday low water levels. It is unlikely casual recreational river users will notice the changes in water levels.

Insects expected to benefit from this experiment are an important food source for many species of fish, birds, and bats in the canyon. Beyond expected resource benefits, this experiment will also provide scientific information that will be used in future decision making.

The April to July 2018 unregulated inflow to Lake Powell was 2.6 maf (36 percent of average). The unregulated inflow in July was 123 thousand acre-feet (kaf) (11 percent of average). The release volume from Glen Canyon Dam in July was 860 kaf. The end of July elevation and storage of Lake Powell were 3,603.8 feet (96 feet from full pool) and 12.12 maf (49 percent of full capacity), respectively.

Current Operations
The operating tier for water year 2018 was established in August 2017 as the Upper Elevation Balancing Tier. The April 2018 24-Month Study established that Lake Powell

operations would be governed by balancing for the remainder of water year 2018. As described in the Interim Guidelines, under balancing, the contents of Lake Powell and Lake Mead are to be balanced by the end of the water year, but not more than 9.0 maf and not less than 8.23 maf is to be released from Lake Powell. Based on the most probable inflow forecast, the August 24-Month Study projects a balancing release of 9.0 maf for water year 2018. Reclamation will schedule operations at Glen Canyon Dam to achieve as practicably as possible the appropriate total annual release volume by September 30, 2018.

The operating tier for water year 2019, established by the August 2018 24-Month Study, is the Upper Elevation Balancing Tier. Under this Tier the initial annual water year release volume is 8.23 maf but there is potential for an April 2019 adjustment to equalization or balancing releases. Based on the current forecast, an April adjustment to balancing releases is projected and Lake Powell is currently projected to release 9.0 maf in water year 2019. This projection will be updated each month throughout the water year.

In August, the release volume will be approximately 900 kaf, with fluctuations anticipated between about 10,180 cfs in the nighttime to about 18,180 cfs in the daytime and consistent with the Glen Canyon Dam, Record of Decision (dated December, 2016). The anticipated release volume for September is 670 kaf with daily fluctuations between approximately 7,600 cfs and 13,645 cfs. The expected release for October is 625 kaf.

In addition to daily scheduled fluctuations for power generation, the instantaneous releases from Glen Canyon Dam may also fluctuate to provide 40 megawatts (mw) of system regulation. These instantaneous release adjustments stabilize the electrical generation and transmission system and translate to a range of about 1,200 cfs above or below the hourly scheduled release rate. Under normal conditions, fluctuations for regulation are typically short lived and generally balance out over the hour with minimal or no noticeable impacts on downstream river flow conditions.

Releases from Glen Canyon Dam can also fluctuate beyond scheduled releases when called upon to respond to power system emergencies. Depending on the severity of the system emergency, the response from Glen Canyon Dam can be significant and within the full range of the operating capacity of the power plant for as long as is necessary to maintain balance in the transmission system. Glen Canyon Dam currently maintains 27 mw (approximately 800 cfs) of generation capacity in reserve in order to respond to a system emergency even when generation rates are already high. System emergencies occur fairly infrequently and typically require small responses from Glen Canyon Dam. However, these responses can have a noticeable impact on the river downstream of Glen Canyon Dam.

Inflow Forecasts and Model Projections

The forecast for water year 2019 unregulated inflow to Lake Powell, issued on August 1, 2018, by the Colorado Basin River Forecast Center, projects that the most probable (median) unregulated inflow volume next year will be 8.1 maf (75 percent of average).

There is significant uncertainty regarding next season's snow pack development and resulting runoff into Lake Powell. The forecast ranges from a minimum probable of 4.8 maf (44 percent of average) to a maximum probable of 15.6 maf (144 percent of average). There is a 10 percent chance that inflows could be higher than the current maximum probable forecast and a 10 percent chance that inflows could be lower than the minimum probable forecast.

Based on the current forecast, the August 24-Month Study projects Lake Powell elevation will end water year 2018 near 3,595 feet with approximately 11.29 maf in storage (49 percent of capacity) and water year 2019 near 3,581 feet with approximately 10.07 maf in storage (43 percent of capacity). Note that projections of elevation and storage for water year 2019 have significant uncertainty at this point in the season. Projections of end of water year 2019 elevation and storage using the minimum and maximum probable inflow forecast are 3,562 feet (8.494 maf, 35 percent of capacity) and 3,641 feet (16.13 maf, 66 percent of capacity), respectively. Under these scenarios, there is a 10 percent chance that inflows will be higher, resulting in higher elevation and storage, and 10 percent chance that inflows will be lower, resulting in lower elevation and storage. The annual release volume from Lake Powell during water year 2019 is projected to be 9.0 maf under the most probable and maximum probable inflow scenarios and 8.23 maf under the minimum probable inflow scenario.

Upper Colorado River Basin Hydrology

The Upper Colorado River Basin regularly experiences significant year to year hydrologic variability. During the 18-year period 2000 to 2017, however, the unregulated inflow to Lake Powell, which is a good measure of hydrologic conditions in the Colorado River Basin, was above average in only 4 out of the past 18 years. The period 2000-2017 is the lowest 18-year period since the closure of Glen Canyon Dam in 1963, with an average unregulated inflow of 8.76 maf, or 81percent of the 30-year average (1981-2010). (For comparison, the 1981-2010 total water year average is 10.83 maf.) The unregulated inflow during the 2000-2017 period has ranged from a low of 2.64 maf (24 percent of average) in water year 2002 to a high of 15.97 maf (147 percent of average) in water year 2011. In water year 2017 unregulated inflow volume to Lake Powell was 11.9 maf (110 percent of average), the fourth year to be above average. Under the current most probable forecast, the total water year 2018 unregulated inflow to Lake Powell is projected to be 5.25 maf (48 percent of average).

At the beginning of water year 2018, total system storage in the Colorado River Basin was 32.9 maf (55 percent of 59.6 maf total system capacity). This is an increase of 2.7 maf over the total storage at the beginning of water year 2017 when total system storage was 30.2 maf (51 percent of capacity). Since the beginning of water year 2000, total Colorado Basin storage has experienced year to year increases and decreases in response to wet and dry hydrology, ranging from a high of 94 percent of capacity at the beginning of 2000 to a low of 50 percent of capacity at the beginning of water year 2005. One wet year can significantly increase total system reservoir storage, just as persistent dry years can draw down the system storage. Based on current inflow forecasts, the current projected end of water year total Colorado Basin reservoir storage for water year 2018 is approximately 29.0 maf (48 percent of total system capacity). The actual end of water

year 2018 system storage may vary from this projection, primarily due to uncertainty regarding this season's runoff and reservoir inflow. Based on the April minimum and maximum probable inflow forecasts and modeling, the range of end of water year 2018 total system capacity is approximately 27.8 maf (47 percent of capacity) to 31.0 maf (52 percent of capacity), respectively.

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-430
125 SOUTH STATE STREET, ROOM 8100
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-3709

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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:	Obs			jul	Forecast			Observed	
:	apr	may	jun	jul %Avg	aug	sep	oct	apr-jul	%Avg
GLDA3:Lake Powell	382	1214	883	123 11%:	165/	210/	350/	2602/:	36%
GBRW4:Fontenelle	101	354	404	138 78%:	70/	50/	53/	997/:	138%
GRNU1:Flaming Gorge	121	422	435	140 66%:	72/	52/	58/	1118/:	114%
BMDC2:Blue Mesa	48	112	56	22 19%:	21/	22/	22/	238/:	35%
MPSC2:Morrow Point	54	121	57	22 18%:	21/	22/	22/	254/:	34%
CLSC2:Crystal	60	129	61	24 17%:	22/	23/	23/	274/:	33%
TPIC2:Taylor Park	8.5	24	13.2	5.0 25%:	3.5/	3.5/	4/	51/:	52%
VCRC2:Vallecito	14.9	29	13.8	7.6 26%:	6/	7/	6/	65/:	34%
NVRN5:Navajo	70	88	5.9	-8.76 -99%:	3/	10/	15/	155/:	21%
LEMC2:Lemon	3.1	7.5	2.3	1.13 17%:	1/	1/	1/	14/:	25%
MPHC2:McPhee	13.0	22	4.7	7.1 32%:	3.5/	4/	4/	47/:	16%
RBSC2:Ridgway	5.3	13.0	9.4	3.5 14%:	4/	4/	4/	31/:	31%

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2018 24-Month Study

Most Probable Inflow*

Fontenelle Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Aug 2017	102	2	95	61	156	6496.34	271
H	Sep 2017	66	2	69	4	72	6495.21	263
	WY 2017	**2319**	**15**	**379**	**1890**	**2270**		
I	Oct 2017	73	1	80	0	80	6494.03	255
S	Nov 2017	62	1	78	0	78	6491.65	238
T	Dec 2017	46	1	72	8	80	6486.39	204
O	Jan 2018	42	1	79	1	80	6479.83	165
R	Feb 2018	38	0	72	0	72	6472.86	131
I	Mar 2018	58	0	16	56	71	6469.78	117
C	Apr 2018	101	1	83	4	87	6472.76	130
A	May 2018	354	2	100	123	223	6494.84	260
L	Jun 2018	404	2	101	269	370	6499.18	292
*	Jul 2018	138	3	92	8	100	6503.79	327
	Aug 2018	70	2	77	0	77	6502.65	319
	Sep 2018	50	2	68	0	68	6500.01	299
	WY 2018	**1436**	**15**	**918**	**469**	**1386**		
	Oct 2018	53	1	71	0	71	6497.45	280
	Nov 2018	47	1	68	0	68	6494.36	258
	Dec 2018	40	1	71	0	71	6489.66	226
	Jan 2019	35	1	71	0	71	6484.05	190
	Feb 2019	32	1	64	0	64	6478.26	158
	Mar 2019	50	0	77	0	77	6472.57	130
	Apr 2019	80	1	84	0	84	6471.60	126
	May 2019	150	1	99	4	103	6480.97	172
	Jun 2019	270	2	102	47	149	6498.93	291
	Jul 2019	175	3	101	23	125	6505.13	339
	Aug 2019	66	2	69	0	69	6504.44	333
	Sep 2019	42	2	67	0	67	6500.98	306
	WY 2019	**1040**	**15**	**944**	**74**	**1017**		
	Oct 2019	46	1	69	0	69	6497.71	282
	Nov 2019	41	1	67	0	67	6493.98	255
	Dec 2019	32	1	69	0	69	6488.32	217
	Jan 2020	30	1	69	0	69	6481.96	178
	Feb 2020	28	1	65	0	65	6474.71	140
	Mar 2020	53	0	74	0	74	6469.88	119
	Apr 2020	85	1	71	0	71	6472.94	132
	May 2020	164	1	92	0	92	6486.01	202
	Jun 2020	299	2	105	65	170	6503.91	329
	Jul 2020	178	3	100	72	172	6504.31	332

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3065

Processed On: 8/9/2018 12:49:46PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2018 24-Month Study

Most Probable Inflow*

Flaming Gorge Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	Aug 2017	120	174	13	143	0	143	143	6035.05	3548	173
H	Sep 2017	87	93	11	141	0	141	140	6033.63	3491	161
	WY 2017	**3153**	**3104**	**81**	**2016**	**712**	**2728**				**4225**
I	Oct 2017	88	95	8	107	0	107	140	6033.17	3473	151
S	Nov 2017	82	98	4	139	0	139	138	6032.07	3430	166
T	Dec 2017	52	86	2	174	0	174	135	6029.85	3343	197
O	Jan 2018	52	90	2	175	0	175	131	6027.65	3259	208
R	Feb 2018	57	91	2	155	1	157	129	6025.91	3194	197
I	Mar 2018	86	99	3	106	0	106	128	6025.65	3184	178
C	Apr 2018	121	108	5	101	0	101	128	6025.69	3186	277
A	May 2018	422	290	8	163	6	169	133	6028.57	3294	572
L	Jun 2018	435	401	11	125	0	125	143	6035.09	3550	278
*	Jul 2018	140	102	14	120	0	120	142	6034.33	3519	141
	Aug 2018	72	79	13	123	0	123	139	6032.94	3464	128
	Sep 2018	52	70	12	125	0	125	137	6031.33	3400	131
	WY 2018	**1659**	**1609**	**83**	**1613**	**7**	**1620**				**2623**
	Oct 2018	58	76	7	98	0	98	136	6030.58	3372	116
	Nov 2018	60	81	4	95	0	95	135	6030.15	3355	123
	Dec 2018	41	72	2	117	0	117	133	6028.98	3310	140
	Jan 2019	45	81	2	117	0	117	132	6028.02	3273	137
	Feb 2019	45	77	2	117	0	117	130	6026.96	3233	136
	Mar 2019	95	122	3	120	0	120	130	6026.93	3232	185
	Apr 2019	130	134	5	128	0	128	130	6026.95	3233	318
	May 2019	195	148	8	195	0	195	128	6025.53	3180	685
	Jun 2019	325	204	10	126	0	126	131	6027.27	3245	561
	Jul 2019	200	150	13	98	0	98	132	6028.23	3281	173
	Aug 2019	76	79	13	117	0	117	130	6026.95	3233	135
	Sep 2019	50	75	11	113	0	113	128	6025.69	3186	127
	WY 2019	**1320**	**1297**	**79**	**1441**	**0**	**1441**				**2836**
	Oct 2019	55	79	7	82	0	82	128	6025.42	3176	109
	Nov 2019	50	76	3	82	0	82	127	6025.16	3166	111
	Dec 2019	35	72	2	86	0	86	127	6024.75	3151	111
	Jan 2020	40	79	2	85	0	85	127	6024.56	3144	110
	Feb 2020	45	82	2	63	0	63	127	6024.98	3160	91
	Mar 2020	102	124	3	65	0	65	129	6026.42	3213	142
	Apr 2020	134	119	5	95	0	95	130	6026.92	3232	310
	May 2020	245	174	8	179	0	179	130	6026.59	3219	711
	Jun 2020	390	260	10	181	0	181	132	6028.35	3286	601
	Jul 2020	210	204	14	141	0	141	134	6029.59	3333	241

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2018 24-Month Study

Most Probable Inflow*

Taylor Park Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Aug 2017	12	25	9320.31	88
H	Sep 2017	8	18	9314.58	77
	WY 2017	**179**	**173**		
I	Oct 2017	8	8	9314.93	78
S	Nov 2017	6	6	9315.09	78
T	Dec 2017	4	6	9313.84	76
O	Jan 2018	4	6	9312.64	74
R	Feb 2018	4	6	9311.50	72
I	Mar 2018	5	6	9310.51	71
C	Apr 2018	8	7	9311.18	72
A	May 2018	24	12	9318.33	84
L	Jun 2018	13	15	9317.29	82
*	Jul 2018	5	14	9311.71	73
	Aug 2018	4	15	9304.35	61
	Sep 2018	4	12	9298.72	53
	WY 2018	**90**	**114**		
	Oct 2018	4	4	9299.00	54
	Nov 2018	3	3	9299.00	54
	Dec 2018	3	3	9298.93	54
	Jan 2019	3	3	9298.85	54
	Feb 2019	2	3	9298.25	53
	Mar 2019	3	3	9298.17	53
	Apr 2019	5	10	9294.21	48
	May 2019	23	16	9300.04	55
	Jun 2019	35	21	9309.57	69
	Jul 2019	14	24	9303.26	60
	Aug 2019	7	20	9293.80	47
	Sep 2019	6	15	9285.65	38
	WY 2019	**108**	**123**		
	Oct 2019	6	7	9284.48	37
	Nov 2019	5	5	9284.22	37
	Dec 2019	5	5	9283.69	36
	Jan 2020	4	5	9282.80	35
	Feb 2020	4	5	9281.63	34
	Mar 2020	4	8	9277.60	31
	Apr 2020	9	8	9278.49	32
	May 2020	28	30	9276.46	30
	Jun 2020	42	30	9288.81	42
	Jul 2020	20	10	9297.36	52

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2018 24-Month Study

Most Probable Inflow*

Blue Mesa Reservoir

	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Aug 2017	84	96	1	111	0	111	7516.38	802
H	Sep 2017	35	45	1	115	0	114	7508.43	732
	WY 2017	**1245**	**1238**	**9**	**987**	**101**	**1163**		
I	Oct 2017	37	37	1	102	0	102	7500.64	667
S	Nov 2017	32	32	0	40	0	40	7499.68	659
T	Dec 2017	25	27	0	93	0	93	7491.44	593
O	Jan 2018	20	22	0	60	0	60	7486.51	554
R	Feb 2018	23	25	0	32	0	32	7485.54	547
I	Mar 2018	28	29	0	43	0	43	7483.73	534
C	Apr 2018	48	47	1	82	0	82	7478.94	498
A	May 2018	112	100	1	85	0	85	7480.90	513
L	Jun 2018	56	57	1	98	0	98	7475.06	471
*	Jul 2018	21	31	1	101	0	101	7464.43	399
	Aug 2018	21	32	1	96	0	96	7453.92	335
	Sep 2018	22	30	1	88	0	88	7443.22	276
	WY 2018	**445**	**469**	**7**	**918**	**0**	**918**		
	Oct 2018	22	22	0	50	0	50	7437.56	248
	Nov 2018	20	20	0	25	0	25	7436.54	243
	Dec 2018	16	16	0	26	0	26	7434.51	233
	Jan 2019	15	15	0	27	0	27	7431.99	221
	Feb 2019	14	15	0	27	0	27	7429.29	209
	Mar 2019	25	25	0	35	0	35	7426.87	199
	Apr 2019	54	59	0	49	0	49	7429.20	209
	May 2019	173	166	1	180	20	200	7420.88	174
	Jun 2019	248	234	1	37	0	37	7459.79	370
	Jul 2019	90	100	1	83	0	83	7462.24	385
	Aug 2019	47	60	1	97	0	97	7455.94	347
	Sep 2019	36	45	1	75	0	75	7450.56	316
	WY 2019	**760**	**775**	**5**	**710**	**20**	**730**		
	Oct 2019	37	38	0	49	0	49	7448.49	304
	Nov 2019	31	31	0	18	0	18	7450.79	317
	Dec 2019	26	26	0	30	0	30	7450.06	313
	Jan 2020	24	25	0	24	0	24	7450.25	314
	Feb 2020	22	23	0	22	0	22	7450.43	315
	Mar 2020	36	40	0	25	0	25	7452.96	329
	Apr 2020	77	76	1	36	0	36	7459.66	369
	May 2020	221	223	1	195	3	198	7463.46	393
	Jun 2020	261	249	1	33	0	33	7493.41	608
	Jul 2020	117	107	1	70	0	70	7497.85	644

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August 2018 24-Month Study

Most Probable Inflow*

Morrow Point Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Aug 2017	86	111	2	113	0	0	115	7152.68	111
H	Sep 2017	35	114	0	115	92	0	112	7155.62	114
	WY 2017	**1314**	**1163**	**69**	**1232**	**893**	**0**	**1226**		
I	Oct 2017	38	102	1	103	105	0	105	7153.17	112
S	Nov 2017	34	40	1	41	42	0	42	7152.45	111
T	Dec 2017	26	93	1	94	94	0	94	7152.45	111
O	Jan 2018	22	60	2	62	62	0	63	7150.65	110
R	Feb 2018	24	32	1	33	34	0	34	7149.19	108
I	Mar 2018	29	43	1	44	49	0	49	7143.05	104
C	Apr 2018	54	82	6	87	79	0	79	7154.30	112
A	May 2018	121	85	8	94	94	0	94	7153.76	112
L	Jun 2018	57	98	2	99	99	0	99	7154.16	112
*	Jul 2018	22	101	1	102	101	0	101	7155.49	113
	Aug 2018	21	96	0	96	97	0	97	7153.73	112
	Sep 2018	22	88	0	88	88	0	88	7153.73	112
	WY 2018	**470**	**918**	**25**	**943**	**942**	**0**	**944**		
	Oct 2018	22	50	0	50	50	0	50	7153.73	112
	Nov 2018	20	25	0	25	25	0	25	7153.73	112
	Dec 2018	16	26	0	26	26	0	26	7153.73	112
	Jan 2019	15	27	0	27	27	0	27	7153.73	112
	Feb 2019	14	27	0	27	27	0	27	7153.73	112
	Mar 2019	26	35	1	36	36	0	36	7153.73	112
	Apr 2019	59	49	5	54	54	0	54	7153.73	112
	May 2019	190	200	17	217	217	0	217	7153.73	112
	Jun 2019	258	37	10	47	47	0	47	7153.73	112
	Jul 2019	93	83	3	86	86	0	86	7153.73	112
	Aug 2019	51	97	4	101	101	0	101	7153.73	112
	Sep 2019	36	75	0	75	75	0	75	7153.73	112
	WY 2019	**800**	**730**	**40**	**770**	**770**	**0**	**770**		
	Oct 2019	38	49	1	50	50	0	50	7153.73	112
	Nov 2019	32	18	1	19	19	0	19	7153.73	112
	Dec 2019	28	30	2	32	32	0	32	7153.73	112
	Jan 2020	27	24	2	26	26	0	26	7153.73	112
	Feb 2020	25	22	3	25	25	0	25	7153.73	112
	Mar 2020	40	25	4	29	29	0	29	7153.73	112
	Apr 2020	88	36	11	47	47	0	47	7153.73	112
	May 2020	247	198	26	224	224	0	224	7153.73	112
	Jun 2020	281	33	20	53	53	0	53	7153.73	112
	Jul 2020	123	70	6	76	76	0	76	7153.73	112

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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August 2018 24-Month Study

Most Probable Inflow*

Crystal Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
*	Aug 2017	89	115	3	119	119	0	119	6744.79	15	62	58
H	Sep 2017	39	112	4	116	115	0	115	6748.63	16	59	56
	WY 2017	**1423**	**1226**	**109**	**1335**	**751**	**350**	**1334**			**413**	**929**
I	Oct 2017	43	105	5	110	109	0	109	6751.20	16	55	53
S	Nov 2017	38	42	4	46	46	0	46	6749.89	16	1	46
T	Dec 2017	29	94	3	97	97	0	97	6749.23	16	1	98
O	Jan 2018	25	63	3	66	62	4	66	6747.99	16	1	65
R	Feb 2018	27	34	3	37	16	20	36	6750.06	16	0	34
I	Mar 2018	33	49	4	52	53	0	53	6747.97	16	13	38
C	Apr 2018	60	79	6	84	84	0	84	6749.35	16	53	28
A	May 2018	129	94	9	102	102	0	102	6749.41	16	62	40
L	Jun 2018	61	99	3	102	102	0	102	6750.48	16	63	44
*	Jul 2018	24	101	2	103	103	0	103	6750.59	16	64	41
	Aug 2018	22	97	1	98	97	0	97	6753.04	17	65	32
	Sep 2018	23	88	1	89	89	0	89	6753.04	17	55	34
	WY 2018	**514**	**944**	**44**	**987**	**960**	**26**	**986**			**434**	**554**
	Oct 2018	23	50	1	51	51	0	51	6753.04	17	30	21
	Nov 2018	22	25	2	27	27	0	27	6753.04	17	0	27
	Dec 2018	18	26	2	28	28	0	28	6753.04	17	0	28
	Jan 2019	16	27	1	28	28	0	28	6753.04	17	0	28
	Feb 2019	15	27	1	28	28	0	28	6753.04	17	0	28
	Mar 2019	28	36	2	38	38	0	38	6753.04	17	5	33
	Apr 2019	65	54	6	60	60	0	60	6753.04	17	42	18
	May 2019	210	217	20	237	134	103	237	6753.04	17	62	175
	Jun 2019	290	47	32	79	79	0	79	6753.04	17	61	18
	Jul 2019	100	86	7	93	93	0	93	6753.04	17	65	28
	Aug 2019	57	101	6	107	107	0	107	6753.04	17	65	42
	Sep 2019	41	75	5	80	80	0	80	6753.04	17	55	25
	WY 2019	**885**	**770**	**85**	**855**	**753**	**103**	**855**			**385**	**470**
	Oct 2019	43	50	5	55	55	0	55	6753.04	17	30	25
	Nov 2019	37	19	4	24	24	0	24	6753.04	17	0	24
	Dec 2019	32	32	5	37	37	0	37	6753.04	17	0	37
	Jan 2020	31	26	5	31	31	0	31	6753.04	17	0	31
	Feb 2020	29	25	4	29	29	0	29	6753.04	17	0	29
	Mar 2020	46	29	6	35	35	0	35	6753.04	17	5	30
	Apr 2020	101	47	12	60	60	0	60	6753.04	17	42	18
	May 2020	281	224	34	258	134	124	258	6753.04	17	62	196
	Jun 2020	315	53	34	87	87	0	87	6753.04	17	61	26
	Jul 2020	138	76	14	90	90	0	90	6753.04	17	65	25

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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August 2018 24-Month Study

Most Probable Inflow*

Vallecito Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Aug 2017	19	33	7655.15	100
H	Sep 2017	9	34	7644.31	74
	WY 2017	**303**	**297**		
I	Oct 2017	9	22	7638.22	61
S	Nov 2017	5	2	7639.49	63
T	Dec 2017	3	1	7640.27	65
O	Jan 2018	3	0	7641.42	67
R	Feb 2018	3	0	7642.57	70
I	Mar 2018	4	0	7644.11	73
C	Apr 2018	15	3	7649.29	85
A	May 2018	30	31	7648.91	84
L	Jun 2018	14	35	7639.22	63
*	Jul 2018	8	35	7624.15	35
	Aug 2018	6	18	7615.14	23
	Sep 2018	7	13	7609.25	17
	WY 2018	**107**	**161**		
	Oct 2018	6	8	7607.32	15
	Nov 2018	4	2	7609.61	17
	Dec 2018	3	2	7610.73	18
	Jan 2019	2	2	7610.85	18
	Feb 2019	2	2	7611.13	19
	Mar 2019	4	2	7613.06	21
	Apr 2019	14	2	7622.56	33
	May 2019	54	31	7635.65	55
	Jun 2019	62	43	7644.51	74
	Jul 2019	25	42	7636.55	57
	Aug 2019	15	38	7623.43	34
	Sep 2019	14	30	7610.74	18
	WY 2019	**205**	**201**		
	Oct 2019	14	17	7606.86	14
	Nov 2019	8	2	7613.22	21
	Dec 2019	6	2	7617.03	25
	Jan 2020	5	2	7619.77	29
	Feb 2020	5	2	7621.91	32
	Mar 2020	9	2	7626.25	38
	Apr 2020	23	2	7637.80	60
	May 2020	71	31	7655.09	99
	Jun 2020	70	47	7663.93	123
	Jul 2020	29	42	7658.94	109

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Managing Water in the West

August 2018 24-Month Study

Most Probable Inflow*

Navajo Reservoir

	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azetea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Farmington Flow (1000 Ac-Ft)
*	Aug 2017	30	5	38	4	35	36	6058.07	1323	55
H	Sep 2017	9	2	33	3	23	42	6055.28	1289	48
	WY 2017	**1157**	**160**	**991**	**28**	**198**	**785**			**1410**
I	Oct 2017	38	2	49	2	8	32	6055.89	1296	52
S	Nov 2017	19	0	16	1	0	25	6055.04	1286	41
T	Dec 2017	10	0	9	1	0	24	6053.69	1270	40
O	Jan 2018	12	0	9	1	0	23	6052.47	1255	40
R	Feb 2018	13	0	11	1	1	18	6051.73	1246	33
I	Mar 2018	24	2	19	2	6	21	6050.92	1236	30
C	Apr 2018	69	13	45	2	20	37	6049.73	1222	42
A	May 2018	89	16	72	3	36	32	6049.80	1223	69
L	Jun 2018	6	3	24	4	42	42	6044.23	1159	49
*	Jul 2018	-9	0	18	4	42	52	6036.94	1080	53
	Aug 2018	3	0	15	3	38	53	6029.33	1002	64
	Sep 2018	10	0	16	2	20	39	6024.83	958	50
	WY 2018	**285**	**36**	**303**	**24**	**212**	**398**			**563**
	Oct 2018	15	0	17	1	6	31	6022.60	936	41
	Nov 2018	20	0	18	1	0	24	6021.87	929	32
	Dec 2018	14	0	13	0	0	25	6020.56	917	32
	Jan 2019	14	0	14	0	0	26	6019.21	904	32
	Feb 2019	18	0	18	1	0	22	6018.66	899	27
	Mar 2019	54	0	52	1	5	20	6021.34	924	31
	Apr 2019	108	2	94	2	21	18	6026.88	978	47
	May 2019	230	7	200	3	36	22	6040.47	1118	136
	Jun 2019	177	3	155	4	52	21	6047.48	1196	138
	Jul 2019	35	0	51	4	57	25	6044.51	1162	75
	Aug 2019	30	0	53	3	48	34	6041.59	1130	63
	Sep 2019	30	0	46	2	26	27	6040.69	1120	51
	WY 2019	**745**	**12**	**729**	**23**	**250**	**294**			**704**
	Oct 2019	37	0	41	1	10	22	6041.45	1129	45
	Nov 2019	30	0	24	1	0	21	6041.63	1131	37
	Dec 2019	25	0	21	1	0	22	6041.49	1129	37
	Jan 2020	22	0	18	1	0	22	6041.15	1125	35
	Feb 2020	30	0	27	1	0	20	6041.73	1132	33
	Mar 2020	92	0	86	1	6	22	6046.81	1189	44
	Apr 2020	170	2	146	2	22	21	6055.40	1290	73
	May 2020	277	7	230	4	36	29	6067.90	1452	175
	Jun 2020	224	3	197	5	53	30	6075.74	1562	181
	Jul 2020	66	0	79	5	57	48	6073.59	1531	115

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August 2018 24-Month Study

Most Probable Inflow*

Lake Powell

	Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry Gage (1000 Ac-Ft)
*	Aug 2017	446	495	63	900	0	900	3630.88	5250	14952	929
H	Sep 2017	196	410	57	663	0	663	3628.31	5227	14664	671
	WY 2017	**11905**	**11396**	**409**	**8874**	**126**	**9000**				**9152**
I	Oct 2017	449	533	39	640	0	640	3627.09	5216	14530	634
S	Nov 2017	387	454	37	630	0	630	3625.29	5200	14332	619
T	Dec 2017	299	483	29	740	0	740	3622.85	5179	14068	733
O	Jan 2018	262	442	9	860	0	860	3619.14	5147	13672	861
R	Feb 2018	269	387	10	730	0	730	3616.02	5121	13346	750
I	Mar 2018	332	395	16	800	0	800	3612.23	5090	12956	835
C	Apr 2018	382	419	25	705	0	705	3609.39	5067	12669	738
A	May 2018	1214	968	29	705	0	705	3611.54	5085	12886	730
L	Jun 2018	883	635	45	760	0	760	3609.98	5072	12728	781
*	Jul 2018	123	252	53	860	0	860	3603.80	5023	12116	877
	Aug 2018	165	379	50	900	0	900	3598.28	4981	11587	918
	Sep 2018	210	397	45	671	0	671	3595.13	4957	11292	682
	WY 2018	**4975**	**5745**	**387**	**9000**	**0**	**9000**				**9156**
	Oct 2018	350	440	31	640	0	640	3592.82	4940	11078	646
	Nov 2018	360	404	30	640	0	640	3590.13	4920	10832	640
	Dec 2018	300	396	23	720	0	720	3586.55	4895	10511	725
	Jan 2019	280	375	7	860	0	860	3581.35	4858	10056	871
	Feb 2019	280	369	7	750	0	750	3577.13	4829	9696	754
	Mar 2019	460	467	12	800	0	800	3573.30	4804	9377	805
	Apr 2019	700	625	19	710	0	710	3572.14	4796	9281	718
	May 2019	1650	1510	23	710	0	710	3580.72	4854	10001	716
	Jun 2019	2250	1739	38	750	0	750	3590.68	4924	10882	758
	Jul 2019	760	698	47	850	0	850	3588.64	4910	10698	869
	Aug 2019	370	513	46	900	0	900	3584.13	4877	10298	918
	Sep 2019	340	466	41	670	0	670	3581.52	4859	10070	681
	WY 2019	**8100**	**8002**	**322**	**9000**	**0**	**9000**				**9100**
	Oct 2019	455	488	28	480	0	480	3581.30	4858	10051	486
	Nov 2019	447	457	27	500	0	500	3580.54	4853	9986	500
	Dec 2019	363	415	22	600	0	600	3578.30	4837	9794	605
	Jan 2020	361	405	6	720	0	720	3574.75	4813	9497	731
	Feb 2020	393	402	7	640	0	640	3572.00	4795	9270	644
	Mar 2020	665	552	11	675	0	675	3570.47	4785	9145	680
	Apr 2020	1056	850	18	600	0	600	3573.10	4802	9360	608
	May 2020	2343	2048	23	600	0	600	3588.43	4908	10679	606
	Jun 2020	2666	2091	40	630	0	630	3602.54	5013	11994	638
	Jul 2020	1091	1013	51	710	0	710	3604.94	5032	12228	729

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2018 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Glen Release (1000 Ac-Ft)	Side Inflow Glen to Hoover (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Aug 2017	900	94	70	683	11.1	28	683	658	1081.44	10131
H	Sep 2017	663	70	58	600	10.1	21	591	662	1082.05	10182
	WY 2017	**9000**	**995**	**541**	**8620**		**236**	**8591**			
I	Oct 2017	640	44	43	596	9.7	23	595	663	1082.30	10202
S	Nov 2017	630	40	42	731	12.3	16	731	656	1080.95	10090
T	Dec 2017	740	43	37	594	9.7	12	593	664	1082.52	10221
O	Jan 2018	860	78	30	449	7.3	10	448	692	1087.50	10642
R	Feb 2018	730	60	28	687	12.4	10	693	696	1088.21	10703
I	Mar 2018	800	70	32	833	13.5	14	832	695	1088.11	10694
C	Apr 2018	705	43	39	1015	17.1	21	1015	675	1084.49	10387
A	May 2018	705	21	44	1055	17.1	27	1054	651	1080.00	10011
L	Jun 2018	760	27	53	986	16.6	28	985	634	1076.81	9748
*	Jul 2018	860	105	65	820	13.3	25	819	637	1077.43	9799
	Aug 2018	900	112	70	748	12.2	38	748	646	1079.22	9946
	Sep 2018	671	105	58	718	12.1	30	718	645	1078.87	9917
	WY 2018	**9000**	**748**	**541**	**9233**		**255**	**9232**			
	Oct 2018	640	69	42	686	11.2	32	686	642	1078.29	9870
	Nov 2018	640	61	42	718	12.1	25	718	636	1077.33	9791
	Dec 2018	720	50	36	526	8.6	17	526	648	1079.50	9969
	Jan 2019	860	78	30	610	9.9	12	610	665	1082.72	10238
	Feb 2019	750	93	28	684	12.3	14	684	673	1084.03	10347
	Mar 2019	800	56	31	1054	17.1	21	1054	657	1081.22	10113
	Apr 2019	710	48	38	1058	17.8	23	1058	635	1077.11	9773
	May 2019	710	31	43	966	15.7	27	966	617	1073.70	9496
	Jun 2019	750	12	51	907	15.2	33	907	603	1071.02	9281
	Jul 2019	850	81	64	825	13.4	36	825	604	1071.09	9287
	Aug 2019	900	112	68	740	12.0	34	740	614	1073.09	9446
	Sep 2019	670	105	56	733	12.3	27	733	612	1072.61	9408
	WY 2019	**9000**	**796**	**529**	**9508**		**302**	**9508**			
	Oct 2019	480	69	41	510	8.3	28	510	610	1072.26	9380
	Nov 2019	500	61	41	669	11.2	21	669	599	1070.27	9221
	Dec 2019	600	50	35	593	9.6	14	593	600	1070.35	9228
	Jan 2020	720	78	29	607	9.9	14	607	609	1072.10	9367
	Feb 2020	640	93	26	663	11.5	17	663	610	1072.41	9392
	Mar 2020	675	56	29	988	16.1	22	988	592	1068.78	9103
	Apr 2020	600	48	36	997	16.8	25	997	567	1063.85	8717
	May 2020	600	31	41	917	14.9	31	917	545	1059.46	8382
	Jun 2020	630	12	48	929	15.6	31	929	523	1054.87	8039
	Jul 2020	710	81	59	813	13.2	31	813	516	1053.45	7934

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2018 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Aug 2017	683	-8	23	707	0	707	11.5	642.64	1689
H	Sep 2017	600	-11	18	656	0	656	11.0	639.47	1603
	WY 2017	**8620**	**-183**	**199**	**8261**	**0**	**8261**			
I	Oct 2017	596	-2	15	671	0	671	10.9	636.00	1512
S	Nov 2017	731	-18	11	595	0	595	10.0	640.07	1619
T	Dec 2017	594	-16	9	552	0	552	9.0	640.68	1636
O	Jan 2018	449	2	10	437	0	437	7.1		1641
R	Feb 2018	687	-4	10	611	0	611	11.0	643.18	1704
I	Mar 2018	833	-1	13	836	0	836	13.6	642.57	1687
C	Apr 2018	1015	-3	17	1001	0	1001	16.8	642.40	1682
A	May 2018	1055	-11	22	1001	0	1001	16.3	643.17	1703
L	Jun 2018	986	-21	26	909	0	909	15.3	644.29	1734
*	Jul 2018	820	-6	26	827	0	827	13.4	642.91	1696
	Aug 2018	748	-12	23	738	0	738	12.0	642.00	1671
	Sep 2018	718	-12	18	795	0	795	13.4	638.00	1564
	WY 2018	**9233**	**-103**	**198**	**8970**	**0**	**8970**			
	Oct 2018	686	-4	15	746	0	746	12.1	635.00	1486
	Nov 2018	718	-12	10	616	0	616	10.4	638.00	1564
	Dec 2018	526	-12	9	478	0	478	7.8	639.01	1591
	Jan 2019	610	-19	10	506	0	506	8.2	641.80	1666
	Feb 2019	684	-15	10	659	0	659	11.9	641.80	1666
	Mar 2019	1054	-17	13	990	0	990	16.1	643.05	1700
	Apr 2019	1058	-20	17	1023	0	1023	17.2	643.00	1699
	May 2019	966	-12	22	932	0	932	15.2	643.00	1699
	Jun 2019	907	-15	25	866	0	866	14.6	643.00	1699
	Jul 2019	825	-15	25	812	0	812	13.2	642.00	1671
	Aug 2019	740	-12	23	705	0	705	11.5	642.00	1671
	Sep 2019	733	-12	18	756	0	756	12.7	640.01	1618
	WY 2019	**9508**	**-166**	**197**	**9090**	**0**	**9090**			
	Oct 2019	510	-4	15	674	0	674	11.0	633.00	1434
	Nov 2019	669	-12	10	595	0	595	10.0	635.00	1486
	Dec 2019	593	-12	9	475	0	475	7.7	638.71	1583
	Jan 2020	607	-19	10	496	0	496	8.1	641.80	1666
	Feb 2020	663	-15	10	639	0	639	11.1	641.80	1666
	Mar 2020	988	-17	13	923	0	923	15.0	643.05	1700
	Apr 2020	997	-20	17	962	0	962	16.2	643.00	1699
	May 2020	917	-12	22	882	0	882	14.4	643.00	1699
	Jun 2020	929	-15	25	889	0	889	14.9	643.00	1699
	Jul 2020	813	-15	25	800	0	800	13.0	642.00	1671

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2018 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	Aug 2017	707	12	17	570	9.3	58	70	448.28	585	102	1.7
H	Sep 2017	656	16	15	481	8.1	56	134	447.17	564	104	1.7
	WY 2017	**8261**	**220**	**140**	**6204**		**664**	**1406**			**1513**	
I	Oct 2017	671	9	12	478	7.8	69	131	446.27	548	65	1.1
S	Nov 2017	595	12	9	349	5.9	89	127	447.86	577	99	1.7
T	Dec 2017	552	17	7	335	5.5	100	144	446.80	557	109	1.8
O	Jan 2018	437	3	6	329	5.3	29	90	445.81	539	125	2.0
R	Feb 2018	611	3	8	429	7.7	12	109	448.52	590	145	2.6
I	Mar 2018	836	-3	9	637	10.4	61	139	447.46	570	195	3.2
C	Apr 2018	1001	-8	11	735	12.4	75	168	447.13	564	175	2.9
A	May 2018	1001	10	13	697	11.3	87	178	448.51	590	124	2.0
L	Jun 2018	909	6	15	712	12.0	91	88	448.43	588	136	2.3
*	Jul 2018	827	20	17	656	10.7	101	72	448.00	580	133	2.2
	Aug 2018	738	23	17	611	9.9	99	32	447.50	571	93	1.5
	Sep 2018	795	17	15	531	8.9	96	160	447.50	571	96	1.6
	WY 2018	**8970**	**108**	**139**	**6498**		**910**	**1438**			**1495**	
	Oct 2018	746	23	12	485	7.9	99	166	447.50	570	65	1.1
	Nov 2018	616	16	9	386	6.5	94	138	447.50	571	99	1.7
	Dec 2018	478	18	7	282	4.6	97	126	446.50	552	109	1.8
	Jan 2019	506	21	6	318	5.2	79	120	446.50	552	138	2.2
	Feb 2019	659	11	8	485	8.7	51	120	446.50	552	160	2.9
	Mar 2019	990	7	9	718	11.7	69	188	446.70	555	198	3.2
	Apr 2019	1023	16	11	710	11.9	89	183	448.70	593	175	2.9
	May 2019	932	15	13	642	10.4	90	188	448.70	593	104	1.7
	Jun 2019	866	13	16	683	11.5	89	78	448.70	593	105	1.8
	Jul 2019	812	21	17	647	10.5	90	78	448.00	580	111	1.8
	Aug 2019	705	23	17	589	9.6	90	29	447.50	571	100	1.6
	Sep 2019	756	17	15	509	8.6	89	152	447.50	570	89	1.5
	WY 2019	**9090**	**200**	**139**	**6455**		**1025**	**1566**			**1452**	
	Oct 2019	674	23	12	490	8.0	48	140	447.50	571	74	1.2
	Nov 2019	595	16	9	408	6.9	48	140	447.50	571	116	1.9
	Dec 2019	475	18	7	313	5.1	48	140	446.50	552	131	2.1
	Jan 2020	496	21	6	313	5.1	87	106	446.50	552	134	2.2
	Feb 2020	639	11	8	479	8.3	57	100	446.50	552	155	2.7
	Mar 2020	923	7	9	708	11.5	77	125	446.70	555	191	3.1
	Apr 2020	962	16	11	699	11.7	97	125	448.70	593	168	2.8
	May 2020	882	15	13	635	10.3	99	137	448.70	593	100	1.6
	Jun 2020	889	13	16	675	11.3	97	100	448.70	593	102	1.7
	Jul 2020	800	21	17	642	10.4	99	62	448.00	580	107	1.7

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2018 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Aug 2017	683	11.1	1081.44	10131	200	436.25	1478.1	261.0	93	382.0
H	Sep 2017	600	10.1	1082.05	10182	51	440.10	976.1	230.7	66	384.8
	WY 2017	**8620**							**3347.1**		
I	Oct 2017	596	9.7	1082.30	10202	21	441.43	976.1	229.0	66	384.2
S	Nov 2017	731	12.3	1080.95	10090	-113	435.01	996.0	287.9	63	393.6
T	Dec 2017	594	9.7	1082.52	10221	131	439.05	821.0	235.7	52	396.6
O	Jan 2018	449	7.3	1087.50	10642	421	442.14	834.0	176.5	51	392.9
R	Feb 2018	687	12.4	1088.21	10703	61	441.97	1220.1	275.0	75	400.3
I	Mar 2018	833	13.5	1088.11	10694	-9	442.23	1005.9	333.9	62	400.8
C	Apr 2018	1015	17.1	1084.49	10387	-308	437.15	880.9	406.2	55	400.0
A	May 2018	1055	17.1	1080.00	10011	-376	432.39	1385.9	412.1	88	390.8
L	Jun 2018	986	16.6	1076.81	9748	-263	428.91	1552.0	378.6	100	384.1
*	Jul 2018	820	13.3	1077.43	9799	51	432.34	1552.0	313.2	100	382.0
	Aug 2018	748	12.2	1079.22	9946	147	425.22	1562.0	286.6	100	383.2
	Sep 2018	718	12.1	1078.87	9917	-29	427.52	1552.0	276.4	100	384.9
	WY 2018	**9233**							**3611.2**		
	Oct 2018	686	11.2	1078.29	9870	-48	432.73	1062.0	268.2	68	390.8
	Nov 2018	718	12.1	1077.33	9791	-79	432.77	945.0	284.8	61	396.7
	Dec 2018	526	8.6	1079.50	9969	178	430.67	1146.9	200.3	74	380.8
	Jan 2019	610	9.9	1082.72	10238	268	433.30	990.0	239.5	63	392.5
	Feb 2019	684	12.3	1084.03	10347	110	434.64	990.0	272.7	63	398.7
	Mar 2019	1054	17.1	1081.22	10113	-235	433.40	993.0	424.4	64	402.5
	Apr 2019	1058	17.8	1077.11	9773	-339	429.99	918.9	427.1	60	403.6
	May 2019	966	15.7	1073.70	9496	-277	426.26	903.0	384.1	60	397.5
	Jun 2019	907	15.2	1071.02	9281	-215	418.95	1499.0	343.2	100	378.5
	Jul 2019	825	13.4	1071.09	9287	6	417.99	1499.0	313.9	100	380.6
	Aug 2019	740	12.0	1073.09	9446	160	419.34	1512.0	279.2	100	377.6
	Sep 2019	733	12.3	1072.61	9408	-38	420.73	1499.0	278.4	100	379.8
	WY 2019	**9508**							**3715.8**		
	Oct 2019	510	8.3	1072.26	9380	-28	423.90	1326.9	196.1	88	384.8
	Nov 2019	669	11.2	1070.27	9221	-159	427.86	925.9	260.1	61	388.9
	Dec 2019	593	9.6	1070.35	9228	7	424.67	990.0	227.5	65	383.5
	Jan 2020	607	9.9	1072.10	9367	139	423.57	952.4	233.2	63	384.0
	Feb 2020	663	11.5	1072.41	9392	25	423.58	953.1	255.9	63	385.9
	Mar 2020	988	16.1	1068.78	9103	-289	421.44	951.9	382.7	64	387.5
	Apr 2020	997	16.8	1063.85	8717	-385	415.71	1084.6	378.9	74	379.8
	May 2020	917	14.9	1059.46	8382	-335	411.10	1066.2	344.1	74	375.2
	Jun 2020	929	15.6	1054.87	8039	-344	403.91	1418.5	339.1	100	365.0
	Jul 2020	813	13.2	1053.45	7934	-105	401.26	1410.5	296.0	100	364.0

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2018 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Aug 2017	707	11.5	642.64	1689	-55	143.10	255.0	89.9	100	127.1
H	Sep 2017	656	11.0	639.47	1603	-86	138.07	253.3	83.2	99	126.8
	WY 2017	**8261**							**1061.4**		
I	Oct 2017	671	10.9	636.00	1512	-91	134.26	179.3	81.3	70	121.3
S	Nov 2017	595	10.0	640.07	1619	107	138.81	151.3	73.1	59	122.7
T	Dec 2017	552	9.0	640.68	1636	17	139.44	131.6	69.5	52	126.0
O	Jan 2018	437	7.1		1641	5	141.78	159.6	55.0	63	125.9
R	Feb 2018	611	11.0	643.18	1704	63	142.18	162.1	76.6	64	125.4
I	Mar 2018	836	13.6	642.57	1687	-17	139.99	189.2	105.4	74	126.1
C	Apr 2018	1001	16.8	642.40	1682	-5	141.14	207.4	125.1	81	125.0
A	May 2018	1001	16.3	643.17	1703	21	141.89	204.0	126.2	80	126.1
L	Jun 2018	909	15.3	644.29	1734	31	143.00	255.0	115.0	100	126.6
*	Jul 2018	827	13.4	642.91	1696	-38	141.79	255.0	105.3	100	127.4
	Aug 2018	738	12.0	642.00	1671	-25	135.47	255.0	92.8	100	125.8
	Sep 2018	795	13.4	638.00	1564	-107	132.89	255.0	97.8	100	123.1
	WY 2018	**8970**							**1123.1**		
	Oct 2018	746	12.1	635.00	1486	-79	130.58	207.3	89.8	81	120.4
	Nov 2018	616	10.4	638.00	1564	78	131.81	170.0	74.6	67	121.0
	Dec 2018	478	7.8	639.01	1591	27	133.98	167.8	59.2	66	123.8
	Jan 2019	506	8.2	641.80	1666	75	134.58	210.6	63.4	83	125.3
	Feb 2019	659	11.9	641.80	1666	0	136.73	187.6	82.5	74	125.2
	Mar 2019	990	16.1	643.05	1700	34	137.26	190.8	123.1	75	124.4
	Apr 2019	1023	17.2	643.00	1699	-1	136.07	255.0	127.5	100	124.6
	May 2019	932	15.2	643.00	1699	0	136.04	255.0	116.7	100	125.2
	Jun 2019	866	14.6	643.00	1699	0	136.04	255.0	108.6	100	125.4
	Jul 2019	812	13.2	642.00	1671	-27	135.51	255.0	101.8	100	125.4
	Aug 2019	705	11.5	642.00	1671	0	134.99	255.0	88.5	100	125.5
	Sep 2019	756	12.7	640.01	1618	-54	133.94	255.0	93.9	100	124.2
	WY 2019	**9090**							**1129.8**		
	Oct 2019	674	11.0	633.00	1434	-183	130.59	207.3	81.4	81	120.8
	Nov 2019	595	10.0	635.00	1486	51	129.19	170.0	70.7	67	118.9
	Dec 2019	475	7.7	638.71	1583	97	132.25	167.8	58.1	66	122.3
	Jan 2020	496	8.1	641.80	1666	83	133.85	230.3	62.1	90	125.3
	Feb 2020	639	11.1	641.80	1666	0	136.73	187.6	80.1	74	125.5
	Mar 2020	923	15.0	643.05	1700	34	137.26	190.8	115.2	75	124.8
	Apr 2020	962	16.2	643.00	1699	-1	136.07	255.0	120.2	100	124.9
	May 2020	882	14.4	643.00	1699	0	136.04	255.0	110.7	100	125.5
	Jun 2020	889	14.9	643.00	1699	0	136.04	255.0	111.3	100	125.3
	Jul 2020	800	13.0	642.00	1671	-27	135.51	255.0	100.3	100	125.5

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2018 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Aug 2017	570	9.3	448.28	585	-7	82.37	120.0	39.9	100	70.0
H	Sep 2017	481	8.1	447.17	564	-21	81.08	120.0	33.8	100	70.2
	WY 2017	**6204**							**434.1**		
I	Oct 2017	478	7.8	446.27	548	-17	80.03	92.9	33.6	77	70.4
S	Nov 2017	349	5.9	447.86	577	30	81.65	90.0	24.1	75	69.2
T	Dec 2017	335	5.5	446.80	557	-20	81.55	92.9	22.5	77	67.0
O	Jan 2018	329	5.3	445.81	539	-18	80.05	117.1	22.8	98	69.2
R	Feb 2018	429	7.7	448.52	590	50	81.30	92.1	30.3	77	70.6
I	Mar 2018	638	10.4	447.46	570	-20	81.79	102.6	44.9	85	70.4
C	Apr 2018	735	12.4	447.13	564	-6	81.11	120.0	50.8	100	69.1
A	May 2018	697	11.3	448.51	590	26	82.36	120.0	48.5	100	69.6
L	Jun 2018	712	12.0	448.43	588	-1	80.33	120.0	49.7	100	69.9
*	Jul 2018	656	10.7	448.00	580	-8	81.97	120.0	46.0	100	70.2
	Aug 2018	611	9.9	447.50	571	-10	75.13	120.0	40.0	100	65.5
	Sep 2018	531	8.9	447.50	571	0	74.89	120.0	34.6	100	65.1
	WY 2018	**6498**							**447.7**		
	Oct 2018	485	7.9	447.50	570	0	76.29	90.0	32.0	75	66.1
	Nov 2018	386	6.5	447.50	571	0	76.19	92.0	25.2	77	65.3
	Dec 2018	282	4.6	446.50	552	-19	74.69	113.2	17.7	94	62.8
	Jan 2019	318	5.2	446.50	552	0	75.27	91.0	20.3	76	63.8
	Feb 2019	485	8.7	446.50	552	0	75.21	92.1	31.8	77	65.5
	Mar 2019	718	11.7	446.70	555	4	74.05	119.0	46.7	99	65.0
	Apr 2019	710	11.9	448.70	593	38	75.08	120.0	46.7	100	65.8
	May 2019	642	10.4	448.70	593	0	76.05	120.0	42.6	100	66.3
	Jun 2019	683	11.5	448.70	593	0	76.05	120.0	45.4	100	66.5
	Jul 2019	647	10.5	448.00	580	-13	75.71	120.0	42.7	100	66.1
	Aug 2019	589	9.6	447.50	571	-9	75.13	120.0	38.5	100	65.4
	Sep 2019	509	8.6	447.50	570	0	74.89	120.0	33.1	100	65.0
	WY 2019	**6455**							**422.8**		
	Oct 2019	490	8.0	447.50	571	0	76.29	90.0	32.4	75	66.1
	Nov 2019	408	6.9	447.50	571	0	76.14	93.0	26.7	78	65.5
	Dec 2019	313	5.1	446.50	552	-19	74.65	114.2	19.7	95	63.2
	Jan 2020	313	5.1	446.50	552	0	75.07	94.8	19.9	79	63.6
	Feb 2020	479	8.3	446.50	552	0	75.21	92.1	31.3	77	65.4
	Mar 2020	708	11.5	446.70	555	4	74.01	120.0	45.9	100	64.9
	Apr 2020	699	11.7	448.70	593	38	75.08	120.0	46.0	100	65.8
	May 2020	635	10.3	448.70	593	0	76.05	120.0	42.1	100	66.3
	Jun 2020	675	11.3	448.70	593	0	76.05	120.0	44.9	100	66.5
	Jul 2020	642	10.4	448.00	580	-13	75.71	120.0	42.4	100	66.0

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2018 24-Month Study

Most Probable Inflow*

Upper Basin Power

	Date	Glen Canyon 1000 MWHR	Flaming Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Reservoir 1000 MWHR	Fontenelle Reservoir 1000 MWHR
*	Aug 2017	421	56	34	0	22	9
H	Sep 2017	306	56	35	33	22	6
	Summer 2017	**2033**	**492**	**202**	**207**	**93**	**33**
I	Oct 2017	294	42	30	37	21	7
S	Nov 2017	288	55	12	14	8	7
T	Dec 2017	339	68	27	33	19	6
O	Jan 2018	394	68	17	21	12	6
R	Feb 2018	335	60	9	12	3	5
I	Mar 2018	364	41	12	16	9	1
	Winter 2018	**2013**	**334**	**107**	**133**	**71**	**31**
C	Apr 2018	318	39	23	27	16	5
A	May 2018	318	63	23	33	20	7
L	Jun 2018	343	50	27	34	20	8
*	Jul 2018	384	48	27	36	20	8
	Aug 2018	356	45	26	35	17	7
	Sep 2018	264	46	23	32	15	6
	Summer 2018	**1984**	**291**	**149**	**197**	**108**	**42**
	Oct 2018	250	36	13	18	9	6
	Nov 2018	248	35	6	9	5	6
	Dec 2018	278	43	6	9	5	6
	Jan 2019	329	43	7	10	5	6
	Feb 2019	284	43	7	10	5	5
	Mar 2019	300	44	9	13	7	5
	Winter 2019	**1687**	**243**	**47**	**68**	**34**	**34**
	Apr 2019	264	47	12	19	10	6
	May 2019	266	71	43	78	23	7
	Jun 2019	286	46	9	17	14	9
	Jul 2019	327	36	22	31	16	10
	Aug 2019	344	43	26	36	19	7
	Sep 2019	255	41	20	27	14	6
	Summer 2019	**1743**	**284**	**132**	**209**	**96**	**44**
	Oct 2019	182	30	13	18	10	6
	Nov 2019	189	30	5	7	4	6
	Dec 2019	227	31	8	12	6	6
	Jan 2020	271	31	6	9	5	5
	Feb 2020	239	23	6	9	5	5
	Mar 2020	251	24	7	10	6	5
	Winter 2020	**1108**	**145**	**37**	**55**	**30**	**28**
	Apr 2020	223	35	10	17	10	5
	May 2020	227	65	53	81	23	7
	Jun 2020	246	66	9	19	15	9
	Jul 2020	282	52	21	27	16	10

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2018 24-Month Study

Most Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions

Date	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Total KAF	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****CREDITABLE SPACE****										
Aug 2018	247	430	616	12206	13499	17578	31076	247	430	616	1293	12206	17578	31076	1500	748	0	29.1
Sep 2018	311	495	694	12735	14235	17431	31666	311	495	694	1500	12735	17431	31666	2270	718	0	28.5
Oct 2018	395	553	738	13030	14717	17460	32176	395	553	738	1687	13030	17460	32176	3040	686	0	28.0
Nov 2018	443	582	760	13244	15028	17507	32536	443	582	760	1784	13244	17507	32536	3810	718	0	27.7
Dec 2018	481	587	767	13490	15325	17586	32911	481	587	767	1835	13490	17586	32911	4580	526	0	27.5
Jan 2019	558	597	779	13811	15745	17408	33152	558	597	779	1933	13811	17408	33152	5350	610	0	27.3
								****EFFECTIVE SPACE****										
Jan 2019	558	597	779	13811	15745	17408	33152	134	162	430	726	13811	17408	31945	5350	610	0	27.3
Feb 2019	631	608	792	14266	16297	17139	33436	206	173	442	821	14266	17139	32227	1500	684	0	26.9
Mar 2019	703	620	797	14626	16746	17030	33776	277	186	447	910	14626	17030	32566	1500	1054	0	26.4
Apr 2019	732	631	772	14945	17080	17264	34344	302	196	415	914	14945	17264	33124	1500	1058	0	26.1
May 2019	735	621	718	15041	17116	17604	34719	300	191	339	831	15041	17604	33476	1500	966	0	26.6
Jun 2019	742	656	578	14321	16296	17881	34178	300	218	161	679	14321	17881	32881	1500	907	0	27.8
Jul 2019	558	460	500	13440	14957	18096	33054	102	7	27	135	13440	18096	31671	1500	825	0	27.6
								****CREDITABLE SPACE****										
Aug 2019	474	444	534	13624	15076	18090	33166	474	444	534	1452	13624	18090	33166	1500	740	0	27.2
Sep 2019	528	483	566	14024	15601	17931	33532	528	483	566	1577	14024	17931	33532	2270	733	0	26.8
Oct 2019	602	514	576	14252	15943	17969	33913	602	514	576	1691	14252	17969	33913	3040	510	0	26.5
Nov 2019	636	525	567	14271	16000	17997	33997	636	525	567	1729	14271	17997	33997	3810	669	0	26.3
Dec 2019	673	513	565	14336	16087	18156	34243	673	513	565	1751	14336	18156	34243	4580	593	0	26.1
Jan 2020	726	517	567	14528	16337	18149	34486	726	517	567	1809	14528	18149	34486	5350	607	0	26.0
								****EFFECTIVE SPACE****										
Jan 2020	726	517	567	14528	16337	18149	34486	356	351	567	1274	14528	18149	33951	5350	607	0	26.0
Feb 2020	772	516	571	14825	16684	18010	34694	401	351	571	1322	14825	18010	34158	1500	663	0	25.8
Mar 2020	794	515	564	15052	16925	17985	34911	420	351	564	1335	15052	17985	34372	1500	988	0	25.5
Apr 2020	763	500	507	15177	16947	18274	35221	382	339	507	1229	15177	18274	34680	1500	997	0	25.6
May 2020	730	460	406	14962	16559	18660	35218	344	298	400	1042	14962	18660	34664	1500	917	0	26.8
Jun 2020	673	437	244	13643	14996	18995	33991	278	275	198	751	13643	18995	33389	1500	929	0	28.3
Jul 2020	479	221	134	12328	13162	19338	32500	69	47	31	147	12328	19338	31813	1500	813	0	28.4

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3065

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October 24-Month Study
Date: October 12, 2018

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

Reservoir	September Inflow (unregulated) (acre-feet)	Percent of Average (%)	October 11, Midnight Elevation (feet)	October 11, Midnight Reservoir Storage (acre-feet)
Fontenelle	30,000	66	6,493.89	254,000
Flaming Gorge	17,000	31	6,030.51	3,369,000
Blue Mesa	12,000	30	7,440.59	263,000
Navajo	2,000	6	6,019.23	905,000
Powell	1,000	>1	3,591.96	10,999,000

Expected Operations

The operation of Lake Powell and Lake Mead in this October 2018 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines),and reflects the 2018 Annual Operating Plan (AOP) and draft 2019 AOP. Pursuant to the Interim Guidelines, the August 2018 24-Month Study projections of the January 1, 2019, system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2019.

Consistent with Section 6.B of the Interim Guidelines, the Lake Powell operational tier for water year 2019 will be governed by the Upper Elevation Balancing Tier, with an initial water year release volume of 8.23 maf and the potential for an April adjustment to equalization or balancing releases in April 2019. This October 2018 24-Month Study indicates that, consistent with Section 6.B.4 of the Interim Guidelines, an April adjustment to balancing releases is projected to occur and the contents of Lake Powell and Lake Mead will be balanced by the end of the water year, but not more than 9.0 maf and not less than 8.23 maf shall be released from Lake Powell. Based on the most probable inflow forecast, this October 24-Month Study projects a balancing release of 8.92 maf in water year 2019.

Consistent with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar years 2018 and 2019.

The 2019 operational tier determinations will be documented in the 2019 AOP, which is currently in development.

The Interim Guidelines are available for download at:
https://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The 2018 AOP is available for download at:
https://www.usbr.gov/lc/region/g4000/aop/AOP18.pdf
The draft 2019 AOP is available for download at:
https://www.usbr.gov/uc/water/rsvrs/ops/aop/AOP19_Third_Consultation_draft.pdf

Fontenelle Reservoir – Fontenelle Reservoir is currently at elevation 6494.2 feet above sea level (feet), which amounts to 74 percent of live storage capacity. Inflows for the month of September totaled 30,400 acre-feet (af), or 88 percent of average. Average inflows are occurring and releases are being adjusted to maintain capacity in the reservoir. Releases are currently set at 1,075 cubic feet per second (cfs) (10/09/2018).

The Colorado Basin River Forecast Center has forecasted inflows that are at or near average. October, November, and December forecasted inflow volumes amount to 50,000 af (88 percent of average), 47,000 af (112 percent of average), and 36,000 af (147 percent of average), respectively.

The next Fontenelle Working Group meeting is scheduled for 10:00 a.m., April 24, 2019. The meeting will be held at the Seedskadee National Wildlife Refuge. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir.

Flaming Gorge Reservoir – Releases are currently set at 1,500 cfs with fluctuations for hydropower. Average daily releases will likely remain at 1,500 cfs through the end of November.

Inflow into Flaming Gorge Reservoir during the month of September was 52,100 af, or 95 percent of average. The current reservoir elevation is 6,030.60 feet (90 percent of live capacity) and decreasing.

The October final forecast for inflows for the next three months projects at or below average conditions: October, November, and December forecasted inflow volumes at 67,400 af (114 percent of average), 67,900 af (133 percent of average), and 66,100 af (190 percent of average), respectively.

The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stakeholders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations and plans presented by Reclamation

at these meetings. Meeting notes from past Working Group meetings are posted on the Working Group webpage. For more information on this group and these meetings please contact Dale Hamilton at 801-379-1186 or Jed Parker at 801-524-3816.

Reclamation will be holding the Flaming Gorge Working Group meeting on Thursday, March 14, 2019 at 10:00 a.m. at the Uintah Conference Center, 313 E 200 S, Vernal, Utah.

Aspinall Unit Reservoirs – As of October 11, 2018 releases from Crystal Dam are approximately 1,050 cfs. Uncompahgre Valley Water Users Association is diverting approximately 450 cfs through the Gunnison Tunnel and flows through the Black Canyon are approximately 600 cfs. There is roughly about a 50 cfs gain to the Gunnison River between Crystal Dam and the Gunnison Tunnel Diversion. As of October 11, 2018, Blue Mesa Reservoir elevation is 7440.59 feet which corresponds to storage content of 262,561 af (32 percent of capacity).

The September unregulated inflow to Blue Mesa Reservoir was 11,577 af (30 percent of average). Unregulated Inflows to Blue Mesa for the next three months (October, November and December) are projected to be: 20,000 af (52 percent of average), 20,000 af (65 percent of average) and 17,000 af (65 percent of average), respectively. For water year 2019, the unregulated inflow volume is forecasted to be 725,000 af (46 percent of average) with 535,000 af (44 percent of average) of unregulated inflow occurring during the April through July period. The October 24-Month Study is reflective of this new forecast.

Conditions are clearly very dry. Blue Mesa Reservoir did not fill in water year 2018 and will most likely not fill in water year 2019 either. Current projections indicate Blue Mesa storage will continue to decrease from now till April of 2019 before rebounding during the spring runoff. Current projections show Blue Mesa will reach a low elevation for water year 2019 of about 7,428 feet in early June 2019 and a peak elevation for water year 2019 of about 7458 feet in August 2019. The projected end of water year 2019 elevation of Blue Mesa is 7450.3 feet which corresponds to a live storage content of 314,230 acre-feet (38 percent of full capacity).

The Aspinall Unit Working Group is an open public forum for information exchange between Reclamation and the stakeholders of the Aspinall Unit. The public is encouraged to attend and comments on the operations and plans presented by Reclamation at these meetings. Meeting notes from past working Group meetings are posted on the Working Group webpage. For more information on this group and these meetings please contact Erik Knight in the Grand Junction Area Office at (970) 248-0629.

Meeting notes from past working Group meetings are posted on the Working Group webpage at:

https://www.usbr.gov/uc/wcao/water/rsvrs/mtgs/amcurrnt.html

The next meeting of the Aspinall Unit Working Group will be held on Thursday, January 17, 2019 at 1:00 pm at the Holiday Inn Express located in Montrose, Colorado.

Navajo Reservoir – The current (October 10th) daily average release rate from Navajo Dam is 590 cfs and the observed inflow to Navajo Reservoir is 200 cfs. The Navajo Indian Irrigation Project (NIIP) is diverting 336 cfs. The reservoir elevation is 6019.4 feet which corresponds to a live storage of 0.906 maf (53 percent of live storage capacity). This elevation also corresponds to an active storage of 0.244 maf (23 percent of active storage capacity). The river flow measured at the San Juan River at Four Corners USGS gage is 630 cfs. River flow at the Animas River at Farmington USGS gage is at 176 cfs. Releases from Navajo Dam are made for the authorized purposes of the Navajo Unit, and pursuant to the 2006 Record of Decision, to attempt to maintain a target base flow through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell). The San Juan River Basin Recovery Implementation Program (SJRIP) recommends a target base flow of between 500 cfs and 1,000 cfs through the critical habitat area. The target base flow is calculated as the weekly average of gaged flows throughout the critical habitat area.

Preliminary modified-unregulated inflow into Navajo (inflow adjusted for upstream change in storage, reservoir evaporation and exportation from the basin) in August was 2,469 af (6 percent of average) The modified-unregulated inflow during the April through July period was 156,959 af, which was 21 percent of average.

Forecast modified-unregulated inflow to Navajo over the next three months (October, November, and December) are projected to be: 17,000 af (36 percent of average), 15,000 af (45 percent of average), and 14,000 af (56 percent of average), respectively.

Releases for the fall and winter will be made to maintain the minimum target baseflow in the critical habitat reach and will decrease as irrigation in the basin decreases. When conditions allow, the release will be reduced to as low as the minimum release of 250 cfs, so long as the target baseflow downstream is still met.

Reclamation conducts Public Operations Meetings three times per year to gather input for determining upcoming operations for Navajo Reservoir. Input from individuals, organizations, and agencies along with other factors such as weather, water rights, endangered species requirements, flood control, hydro power, recreation, fish and wildlife management, and reservoir levels, will be considered in the development of these reservoir operation plans. In addition, the meetings are used to coordinate activities and exchange information among agencies, water users, and other interested parties concerning the San Juan River and Navajo Reservoir.

The next Navajo Public Operations Coordination Meeting is scheduled for Tuesday, January 29th, 2018, at 1:00 p.m. at the Farmington Civic Center, Farmington, NM.

Glen Canyon Dam / Lake Powell

Current Status
The Department of the Interior is exploring the possibility of a High Flow Experiment from Glen Canyon Dam to be conducted in November 2018. High Flow Experiments (HFE) below Glen Canyon Dam are driven by weather, sediment inputs, and other resource conditions, in accordance with the Long-Term Experimental and Management Plan (LTEMP).

When sediment conditions during the summer and fall meet specific thresholds as described in the LTEMP, a fall HFE can occur. Fall HFEs can be scheduled to occur anytime during the months of October and November; however, under the LTEMP, HFEs have historically always occurred in November. Our best preliminary data and model runs indicate we now have enough sediment input from the Paria River for an HFE to occur at Glen Canyon Dam. The HFE Technical Team completed its final analysis and has provided a technical report to the Reclamation Leadership Team, which will decide whether to implement an HFE by the end of October.

If the HFE is implemented, the HFE will begin on November 5, 2018, for a duration of 60 hours with flows surrounding the HFE fluctuating between 6,500 and 9,000 cfs during the evening and daylight hours for hydropower.

The April to July 2018 unregulated inflow to Lake Powell was 2.6 maf (36 percent of average). The unregulated inflow in August was 1 thousand acre-feet (kaf) (0 percent of average). This is the lowest unregulated inflow to occur in September. The next lowest occurred in September 2012 when the volume was negative 104 kaf. The release volume from Glen Canyon Dam in September was 670 kaf. The end of September elevation and storage of Lake Powell were 3,592.28 feet (108 feet from full pool) and 11 maf (45 percent of full capacity).

Current Operations
The operating tier for water year 2019 was established in August 2018 as the Upper Elevation Balancing Tier. As described in the Interim Guidelines, under balancing, the contents of Lake Powell and Lake Mead are to be balanced by the end of the water year, but not more than 9.0 maf and not less than 8.23 maf is to be released from Lake Powell. Under this Tier the initial annual water year release volume is 8.23 maf but there is potential for an April 2019 adjustment to equalization or balancing releases. Based on the current forecast, an April adjustment to balancing releases is projected and Lake Powell is currently projected to release 8.92 maf in water year 2019. This projection will be updated each month throughout the water year.

In October, the release volume will be approximately 625 kaf, with fluctuations anticipated between about 7,070 cfs in the nighttime to about 12,700 cfs in the daytime and consistent with the Glen Canyon Dam, Record of Decision on LTEMP (dated December, 2016). The anticipated release volume for November is 625 kaf if an HFE unless an HFE is implemented, in which case the monthly volume release would be 664 kaf.

In addition to daily scheduled fluctuations for power generation, the instantaneous releases from Glen Canyon Dam may also fluctuate to provide 40 megawatts (mw) of system regulation. These instantaneous release adjustments stabilize the electrical generation and transmission system and translate to a range of about 1,200 cfs above or below the hourly scheduled release rate. Under normal conditions, fluctuations for regulation are typically short lived and generally balance out over the hour with minimal or no noticeable impacts on downstream river flow conditions.

Releases from Glen Canyon Dam can also fluctuate beyond scheduled releases when called upon to respond to power system emergencies. Depending on the severity of the system emergency, the response from Glen Canyon Dam can be significant and within the full range of the operating capacity of the power plant for as long as is necessary to maintain balance in the transmission system. Glen Canyon Dam currently maintains 28 mw (approximately 830 cfs) of generation capacity in reserve in order to respond to a system emergency even when generation rates are already high. System emergencies occur fairly infrequently and typically require small responses from Glen Canyon Dam. However, these responses can have a noticeable impact on the river downstream of Glen Canyon Dam.

Inflow Forecasts and Model Projections

The forecast for water year 2019 unregulated inflow to Lake Powell, issued on October 1, 2018, by the Colorado Basin River Forecast Center, projects that the most probable (median) unregulated inflow volume next year will be 7.6 maf (70 percent of average). There is significant uncertainty regarding next season's snow pack development and resulting runoff into Lake Powell. The forecast ranges from a minimum probable of 4.6 maf (42 percent of average) to a maximum probable of 15.4 maf (142 percent of average). There is a 10 percent chance that inflows could be higher than the current maximum probable forecast and a 10 percent chance that inflows could be lower than the minimum probable forecast.

Based on the current forecast, the October 24-Month Study projects Lake Powell elevation will end water year 2019 near 3,573.15 feet with approximately 9.36 maf in storage (39 percent of capacity). Note that projections of elevation and storage for water year 2019 have significant uncertainty at this point in the season. Projections of end of water year 2019 elevation and storage using the minimum and maximum probable inflow forecast from October 2018 are 3,556 feet (8.027 maf, 33 percent of capacity) and 3,636 feet (15.54 maf, 64 percent of capacity), respectively. Under these scenarios, there is a 10 percent chance that inflows will be higher, resulting in higher elevation and storage, and 10 percent chance that inflows will be lower, resulting in lower elevation and storage. The annual release volume from Lake Powell during water year 2019 is projected to be 8.922 maf under the most probable scenario, and 9.0 maf under the maximum probable inflow scenarios and 8.23 maf under the minimum probable inflow scenario.

Upper Colorado River Basin Hydrology

The Upper Colorado River Basin regularly experiences significant year to year hydrologic variability. During the 19-year period 2000 to 2018, however, the

unregulated inflow to Lake Powell, which is a good measure of hydrologic conditions in the Colorado River Basin, was above average in only 4 out of the past 19 years. The period 2000-2018 is the lowest 19-year period since the closure of Glen Canyon Dam in 1963, with an average unregulated inflow of 8.54 maf, or 79 percent of the 30-year average (1981-2010). (For comparison, the 1981-2010 total water year average is 10.83 maf.) The unregulated inflow during the 2000-2018 period has ranged from a low of 2.64 maf (24 percent of average) in water year 2002 to a high of 15.97 maf (147 percent of average) in water year 2011. In water year 2018 unregulated inflow volume to Lake Powell was 4.6 maf (43 percent of average), the third driest year on record above 2002 and 1977. Under the current most probable forecast, the total water year 2019 unregulated inflow to Lake Powell is projected to be 7.6 maf (70 percent of average).

At the beginning of water year 2019, total system storage in the Colorado River Basin was 20.9 maf (35 percent of 59.6 maf total system capacity). This is a decrease of 10 maf over the total storage at the beginning of water year 2018 when total system storage was 30.9 maf (52 percent of capacity). Since the beginning of water year 2000, total Colorado Basin storage has experienced year to year increases and decreases in response to wet and dry hydrology, ranging from a high of 94 percent of capacity at the beginning of 2000 to a low of 50 percent of capacity at the beginning of water year 2005. One wet year can significantly increase total system reservoir storage, just as persistent dry years can draw down the system storage. Based on current inflow forecasts, the current projected end of water year total Colorado Basin reservoir storage for water year 2019 is approximately 18.73 maf (31 percent of total system capacity). The actual end of water year 2019 system storage may vary from this projection, primarily due to uncertainty regarding this season's runoff and reservoir inflow.

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-430
125 SOUTH STATE STREET, ROOM 8100
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-3709

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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:	Obs			sep	Forecast			
:	jun	jul	aug	sep	%Avg	oct	nov	dec
GLDA3:Lake Powell	883	123	11.2	4.7	1%:	250/	300/	250/
GBRW4:Fontenelle	404	138	50	30	65%:	50/	47/	36/
GRNU1:Flaming Gorge	435	140	42	19.3	35%:	51/	51/	36/
BMDC2:Blue Mesa	56	22	18.6	12.5	33%:	20/	20/	17/
MPSC2:Morrow Point	57	22	19.0	13.8	34%:	21/	21/	18/
CLSC2:Crystal	61	24	21	15.2	32%:	23/	23/	20/
TPIC2:Taylor Park	13.2	4.9	3.2	2.6	35%:	3.5/	3.5/	3/
VCRC2:Vallecito	13.8	7.6	5.4	3.3	19%:	6/	4/	3/
NVRN5:Navajo	6.0	-8.73	-6.92	2.4	6%:	17/	15/	14/
LEMC2:Lemon	2.3	1.13	0.73	0.48	12%:	1/	0.7/	0.5/
MPHC2:McPhee	4.7	10.5	7.8	3.1	27%:	4/	3/	3/
RBSC2:Ridgway	9.4	3.5	2.8	2.6	27%:	3.5/	3/	3/

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

October 2018 24-Month Study

Most Probable Inflow*

Fontenelle Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Oct 2017	73	1	80	0	80	6494.03	255
H	Nov 2017	62	1	78	0	78	6491.65	238
I	Dec 2017	46	1	72	8	80	6486.39	204
S	Jan 2018	42	1	79	1	80	6479.83	165
T	Feb 2018	38	0	72	0	72	6472.86	131
O	Mar 2018	58	0	16	56	71	6469.78	117
R	Apr 2018	101	1	83	4	87	6472.76	130
I	May 2018	354	2	100	123	223	6494.84	260
C	Jun 2018	404	2	101	269	370	6499.18	292
A	Jul 2018	138	3	92	8	100	6503.79	327
L	Aug 2018	50	2	75	1	76	6500.10	299
*	Sep 2018	30	2	7	58	65	6495.11	262
	WY 2018	**1397**	**15**	**856**	**528**	**1382**		
	Oct 2018	50	1	66	0	66	6492.61	246
	Nov 2018	47	1	64	0	64	6489.88	228
	Dec 2018	36	1	66	0	66	6485.21	197
	Jan 2019	35	1	66	0	66	6479.78	166
	Feb 2019	32	0	60	0	60	6474.10	137
	Mar 2019	48	0	65	0	65	6470.22	120
	Apr 2019	78	1	73	0	73	6471.24	124
	May 2019	130	1	83	0	83	6480.55	170
	Jun 2019	270	2	102	49	151	6498.40	287
	Jul 2019	175	3	102	30	132	6503.68	327
	Aug 2019	66	2	69	0	69	6502.98	322
	Sep 2019	43	2	65	0	65	6499.82	298
	WY 2019	**1010**	**15**	**882**	**78**	**961**		
	Oct 2019	47	1	68	0	68	6496.80	275
	Nov 2019	41	1	65	0	65	6493.29	250
	Dec 2019	32	1	68	0	68	6487.83	214
	Jan 2020	30	1	68	0	68	6481.65	176
	Feb 2020	28	1	63	0	63	6474.65	140
	Mar 2020	53	0	80	0	80	6468.33	112
	Apr 2020	85	1	77	0	77	6470.13	120
	May 2020	164	1	98	12	111	6480.84	172
	Jun 2020	299	2	102	70	173	6499.61	296
	Jul 2020	178	3	102	40	141	6503.96	329
	Aug 2020	77	2	102	9	111	6499.22	293
	Sep 2020	46	2	103	34	137	6485.72	200
	WY 2020	**1079**	**15**	**997**	**164**	**1161**		

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

October 2018 24-Month Study

Most Probable Inflow*

Flaming Gorge Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	Oct 2017	88	95	8	107	0	107	140	6033.17	3473	151
H	Nov 2017	82	98	4	139	0	139	138	6032.07	3430	166
I	Dec 2017	52	86	2	174	0	174	135	6029.85	3343	197
S	Jan 2018	52	90	2	175	0	175	131	6027.65	3259	208
T	Feb 2018	57	91	2	155	1	157	129	6025.91	3194	197
O	Mar 2018	86	99	3	106	0	106	128	6025.65	3184	178
R	Apr 2018	121	108	5	101	0	101	128	6025.69	3186	277
I	May 2018	422	290	8	163	6	169	133	6028.57	3294	572
C	Jun 2018	435	401	11	125	0	125	143	6035.09	3550	278
A	Jul 2018	140	102	14	120	0	120	142	6034.33	3519	139
L	Aug 2018	42	68	13	124	0	124	139	6032.67	3453	137
*	Sep 2018	17	52	11	119	0	119	136	6030.75	3378	127
	WY 2018	**1594**	**1580**	**82**	**1608**	**7**	**1616**				**2626**
	Oct 2018	51	67	7	97	0	97	134	6029.84	3343	113
	Nov 2018	51	68	3	89	0	89	134	6029.22	3319	114
	Dec 2018	36	66	2	123	0	123	131	6027.74	3263	146
	Jan 2019	45	76	2	123	0	123	129	6026.49	3216	143
	Feb 2019	45	73	2	111	0	111	128	6025.45	3177	130
	Mar 2019	95	112	3	86	0	86	129	6026.04	3199	146
	Apr 2019	125	120	5	83	0	83	130	6026.86	3229	253
	May 2019	175	128	8	111	0	111	130	6027.11	3239	561
	Jun 2019	315	196	10	167	0	167	131	6027.58	3257	592
	Jul 2019	200	157	13	102	0	102	133	6028.63	3296	177
	Aug 2019	76	79	13	105	0	105	131	6027.67	3260	123
	Sep 2019	51	73	11	101	0	101	130	6026.68	3223	115
	WY 2019	**1265**	**1216**	**79**	**1298**	**0**	**1298**				**2613**
	Oct 2019	56	77	7	68	0	68	130	6026.74	3225	94
	Nov 2019	50	74	3	71	0	71	130	6026.72	3224	100
	Dec 2019	35	71	2	105	0	105	128	6025.80	3190	130
	Jan 2020	40	78	2	105	0	105	127	6025.06	3162	130
	Feb 2020	45	80	2	98	0	98	127	6024.55	3143	126
	Mar 2020	102	130	3	80	0	80	128	6025.76	3188	157
	Apr 2020	134	125	5	77	0	77	130	6026.87	3230	293
	May 2020	245	192	8	180	0	180	130	6026.98	3234	712
	Jun 2020	390	263	10	119	0	119	135	6030.35	3363	539
	Jul 2020	210	174	14	135	0	135	136	6030.97	3387	235
	Aug 2020	89	123	13	135	0	135	135	6030.34	3362	160
	Sep 2020	55	146	11	135	0	135	135	6030.34	3362	154
	WY 2020	**1450**	**1533**	**80**	**1308**	**0**	**1308**				**2830**

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

October 2018 24-Month Study

Most Probable Inflow*

Taylor Park Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Oct 2017	8	8	9314.93	78
H	Nov 2017	6	6	9315.09	78
I	Dec 2017	4	6	9313.84	76
S	Jan 2018	4	6	9312.64	74
T	Feb 2018	4	6	9311.50	72
O	Mar 2018	5	6	9310.51	71
R	Apr 2018	8	7	9311.18	72
I	May 2018	24	12	9318.33	84
C	Jun 2018	13	15	9317.29	82
A	Jul 2018	5	14	9311.71	73
L	Aug 2018	3	13	9305.51	63
*	Sep 2018	3	8	9301.71	58
	WY 2018	**88**	**108**		
	Oct 2018	4	3	9301.92	58
	Nov 2018	4	3	9302.28	58
	Dec 2018	3	3	9302.21	58
	Jan 2019	3	3	9302.14	58
	Feb 2019	2	3	9301.57	57
	Mar 2019	3	3	9301.50	57
	Apr 2019	5	3	9302.91	59
	May 2019	21	10	9310.20	70
	Jun 2019	34	15	9321.24	89
	Jul 2019	14	18	9319.04	85
	Aug 2019	7	15	9314.46	77
	Sep 2019	6	13	9310.20	70
	WY 2019	**105**	**92**		
	Oct 2019	6	6	9310.09	70
	Nov 2019	5	5	9309.93	70
	Dec 2019	5	5	9309.60	69
	Jan 2020	4	5	9309.06	68
	Feb 2020	4	5	9308.35	67
	Mar 2020	4	8	9306.02	64
	Apr 2020	9	8	9306.52	65
	May 2020	28	30	9305.38	63
	Jun 2020	42	30	9312.84	75
	Jul 2020	20	10	9318.73	85
	Aug 2020	10	8	9320.00	87
	Sep 2020	7	8	9319.66	86
	WY 2020	**144**	**128**		

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

October 2018 24-Month Study

Most Probable Inflow*

Blue Mesa Reservoir

	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Oct 2017	37	37	1	102	0	102	7500.64	667
H	Nov 2017	32	32	0	40	0	40	7499.68	659
I	Dec 2017	25	27	0	93	0	93	7491.44	593
S	Jan 2018	20	22	0	60	0	60	7486.51	554
T	Feb 2018	23	25	0	32	0	32	7485.54	547
O	Mar 2018	28	29	0	43	0	43	7483.73	534
R	Apr 2018	48	47	1	82	0	82	7478.94	498
I	May 2018	112	100	1	85	0	85	7480.90	513
C	Jun 2018	56	57	1	98	0	98	7475.06	471
A	Jul 2018	21	31	1	101	0	101	7464.43	399
L	Aug 2018	19	28	1	93	0	93	7453.77	334
*	Sep 2018	12	17	1	30	39	68	7444.44	282
	WY 2018	**433**	**453**	**7**	**856**	**39**	**895**		
	Oct 2018	20	20	0	47	0	47	7438.99	255
	Nov 2018	20	20	0	18	0	18	7439.33	256
	Dec 2018	17	17	0	25	0	25	7437.77	249
	Jan 2019	15	15	0	30	0	30	7434.70	234
	Feb 2019	13	14	0	25	0	25	7432.31	223
	Mar 2019	24	24	0	26	0	26	7431.90	221
	Apr 2019	54	52	0	48	0	48	7432.57	224
	May 2019	163	152	1	160	0	160	7430.66	215
	Jun 2019	230	211	1	87	0	87	7454.48	338
	Jul 2019	88	92	1	69	0	69	7458.17	360
	Aug 2019	46	54	1	75	0	75	7454.51	338
	Sep 2019	35	42	1	65	0	65	7450.30	314
	WY 2019	**725**	**712**	**5**	**675**	**0**	**675**		
	Oct 2019	36	36	0	43	0	43	7448.96	307
	Nov 2019	30	31	0	14	0	14	7451.92	323
	Dec 2019	26	26	0	15	0	15	7453.89	335
	Jan 2020	24	25	0	15	0	15	7455.67	345
	Feb 2020	22	23	0	14	0	14	7457.29	355
	Mar 2020	36	40	0	14	0	14	7461.37	380
	Apr 2020	77	76	1	36	0	36	7467.56	419
	May 2020	221	223	1	195	0	195	7471.50	446
	Jun 2020	261	249	1	24	0	24	7501.06	670
	Jul 2020	117	107	1	62	0	62	7506.19	713
	Aug 2020	63	61	1	71	0	71	7504.84	702
	Sep 2020	38	39	1	66	0	66	7501.50	674
	WY 2020	**952**	**936**	**8**	**569**	**0**	**569**		

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

October 2018 24-Month Study

Most Probable Inflow*

Morrow Point Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Oct 2017	38	102	1	103	105	0	105	7153.17	112
H	Nov 2017	34	40	1	41	42	0	42	7152.45	111
I	Dec 2017	26	93	1	94	94	0	94	7152.45	111
S	Jan 2018	22	60	2	62	62	0	63	7150.65	110
T	Feb 2018	24	32	1	33	34	0	34	7149.19	108
O	Mar 2018	29	43	1	44	49	0	49	7143.05	104
R	Apr 2018	54	82	6	87	79	0	79	7154.30	112
I	May 2018	121	85	8	94	94	0	94	7153.76	112
C	Jun 2018	57	98	2	99	99	0	99	7154.16	112
A	Jul 2018	22	101	1	102	101	0	101	7155.49	113
L	Aug 2018	19	93	0	93	94	0	94	7153.96	112
*	Sep 2018	14	68	2	70	84	0	84	7135.77	98
	WY 2018	**460**	**895**	**27**	**922**	**935**	**0**	**937**		
	Oct 2018	21	47	1	48	35	0	35	7153.73	112
	Nov 2018	21	18	1	19	19	0	19	7153.73	112
	Dec 2018	18	25	1	26	26	0	26	7153.73	112
	Jan 2019	15	30	0	30	30	0	30	7153.73	112
	Feb 2019	14	25	1	26	26	0	26	7153.73	112
	Mar 2019	26	26	2	28	28	0	28	7153.73	112
	Apr 2019	60	48	6	54	54	0	54	7153.73	112
	May 2019	178	160	15	175	175	0	175	7153.73	112
	Jun 2019	245	87	15	102	102	0	102	7153.73	112
	Jul 2019	92	69	4	73	73	0	73	7153.73	112
	Aug 2019	48	75	2	77	77	0	77	7153.73	112
	Sep 2019	37	65	2	67	67	0	67	7153.73	112
	WY 2019	**775**	**675**	**50**	**725**	**711**	**0**	**711**		
	Oct 2019	38	43	2	46	46	0	46	7153.73	112
	Nov 2019	32	14	2	16	16	0	16	7153.73	112
	Dec 2019	28	15	2	17	17	0	17	7153.73	112
	Jan 2020	27	15	2	17	17	0	17	7153.73	112
	Feb 2020	25	14	3	16	16	0	16	7153.73	112
	Mar 2020	40	14	4	18	18	0	18	7153.73	112
	Apr 2020	88	36	11	47	47	0	47	7153.73	112
	May 2020	247	195	26	221	221	0	221	7153.73	112
	Jun 2020	281	24	20	44	44	0	44	7153.73	112
	Jul 2020	123	62	6	69	69	0	69	7153.73	112
	Aug 2020	67	71	3	75	75	0	75	7153.73	112
	Sep 2020	41	66	3	68	68	0	68	7153.73	112
	WY 2020	**1037**	**569**	**84**	**654**	**654**	**0**	**654**		

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3075

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

October 2018 24-Month Study

Most Probable Inflow*

Crystal Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
*	Oct 2017	43	105	5	110	109	0	109	6751.20	16	55	53
H	Nov 2017	38	42	4	46	46	0	46	6749.89	16	1	46
I	Dec 2017	29	94	3	97	97	0	97	6749.23	16	1	98
S	Jan 2018	25	63	3	66	62	4	66	6747.99	16	1	65
T	Feb 2018	27	34	3	37	16	20	36	6750.06	16	0	34
O	Mar 2018	33	49	4	52	53	0	53	6747.97	16	13	38
R	Apr 2018	60	79	6	84	84	0	84	6749.35	16	53	28
I	May 2018	129	94	9	102	102	0	102	6749.41	16	62	39
C	Jun 2018	61	99	3	102	102	0	102	6750.48	16	63	42
A	Jul 2018	24	101	2	103	103	0	103	6750.59	16	64	41
L	Aug 2018	21	94	2	96	98	0	98	6744.83	15	65	36
*	Sep 2018	15	84	1	85	87	0	87	6737.22	13	59	33
	WY 2018	**505**	**937**	**45**	**982**	**959**	**26**	**985**			**438**	**553**
	Oct 2018	23	35	2	37	32	0	32	6753.04	17	30	2
	Nov 2018	23	19	2	21	21	0	21	6753.04	17	0	21
	Dec 2018	20	26	2	28	28	0	28	6753.04	17	0	28
	Jan 2019	16	30	1	31	31	0	31	6753.04	17	0	31
	Feb 2019	16	26	2	28	28	0	28	6753.04	17	0	28
	Mar 2019	29	28	3	31	31	0	31	6753.04	17	5	26
	Apr 2019	68	54	8	62	62	0	62	6753.04	17	42	20
	May 2019	200	175	22	197	134	63	197	6753.04	17	62	135
	Jun 2019	275	102	30	132	130	2	132	6753.04	17	61	71
	Jul 2019	102	73	10	83	83	0	83	6753.04	17	65	18
	Aug 2019	54	77	6	83	83	0	83	6753.04	17	65	18
	Sep 2019	44	67	7	74	74	0	74	6753.04	17	55	19
	WY 2019	**870**	**711**	**95**	**806**	**737**	**65**	**802**			**385**	**417**
	Oct 2019	45	46	7	52	52	0	52	6753.04	17	30	22
	Nov 2019	37	16	5	21	21	0	21	6753.04	17	0	21
	Dec 2019	32	17	5	22	22	0	22	6753.04	17	0	22
	Jan 2020	31	17	5	22	22	0	22	6753.04	17	0	22
	Feb 2020	29	16	4	20	20	0	20	6753.04	17	0	20
	Mar 2020	46	18	6	25	25	0	25	6753.04	17	5	20
	Apr 2020	101	47	12	60	60	0	60	6753.04	17	42	18
	May 2020	281	221	34	256	134	121	256	6753.04	17	62	194
	Jun 2020	315	44	34	78	78	0	78	6753.04	17	61	17
	Jul 2020	138	69	14	83	83	0	83	6753.04	17	65	18
	Aug 2020	75	75	8	83	83	0	83	6753.04	17	65	18
	Sep 2020	47	68	6	74	74	0	74	6753.04	17	55	19
	WY 2020	**1177**	**654**	**140**	**794**	**673**	**121**	**794**			**385**	**409**

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

October 2018 24-Month Study

Most Probable Inflow*

Vallecito Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Oct 2017	9	22	7638.22	61
H	Nov 2017	5	2	7639.49	63
I	Dec 2017	3	1	7640.27	65
S	Jan 2018	3	0	7641.42	67
T	Feb 2018	3	0	7642.57	70
O	Mar 2018	4	0	7644.11	73
R	Apr 2018	15	3	7649.29	85
I	May 2018	30	31	7648.91	84
C	Jun 2018	14	35	7639.22	63
A	Jul 2018	8	35	7624.15	35
L	Aug 2018	5	19	7613.87	22
*	Sep 2018	3	4	7613.06	21
	WY 2018	**102**	**153**		
	Oct 2018	6	2	7616.55	25
	Nov 2018	4	1	7618.67	27
	Dec 2018	3	0	7620.62	30
	Jan 2019	2	0	7621.75	32
	Feb 2019	2	0	7622.86	33
	Mar 2019	4	0	7625.16	37
	Apr 2019	12	0	7631.84	48
	May 2019	44	31	7638.49	61
	Jun 2019	60	43	7646.14	78
	Jul 2019	24	42	7637.88	60
	Aug 2019	16	38	7625.82	38
	Sep 2019	13	30	7613.26	21
	WY 2019	**190**	**187**		
	Oct 2019	13	17	7609.11	17
	Nov 2019	8	2	7614.31	22
	Dec 2019	6	2	7618.01	27
	Jan 2020	5	2	7620.67	30
	Feb 2020	5	2	7622.74	33
	Mar 2020	9	2	7627.00	40
	Apr 2020	23	2	7638.39	61
	May 2020	71	31	7655.57	101
	Jun 2020	70	46	7664.55	124
	Jul 2020	29	41	7659.64	111
	Aug 2020	20	38	7652.40	93
	Sep 2020	17	29	7647.66	81
	WY 2020	**277**	**214**		

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

October 2018 24-Month Study

Most Probable Inflow*

Navajo Reservoir

	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azetea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Farmington Flow (1000 Ac-Ft)
*	Oct 2017	38	2	49	2	8	32	6055.89	1296	52
H	Nov 2017	19	0	16	1	0	26	6055.04	1286	41
I	Dec 2017	11	0	9	1	0	25	6053.69	1270	40
S	Jan 2018	12	0	9	1	0	23	6052.47	1255	40
T	Feb 2018	13	0	11	1	1	17	6051.73	1246	33
O	Mar 2018	24	2	19	2	6	21	6050.92	1236	30
R	Apr 2018	70	13	46	2	20	38	6049.73	1222	42
I	May 2018	88	16	71	3	36	32	6049.80	1223	69
C	Jun 2018	6	3	24	4	42	42	6044.23	1159	49
A	Jul 2018	-9	0	18	4	42	51	6036.94	1080	53
L	Aug 2018	-7	0	7	3	42	51	6028.27	991	48
*	Sep 2018	2	0	3	2	27	46	6020.80	919	42
	WY 2018	**268**	**36**	**283**	**24**	**224**	**405**			**540**
	Oct 2018	17	0	13	1	6	24	6018.80	901	36
	Nov 2018	15	0	12	1	0	20	6017.91	893	28
	Dec 2018	14	0	11	0	0	20	6016.91	883	27
	Jan 2019	14	0	12	0	0	21	6015.95	875	28
	Feb 2019	18	0	16	1	0	16	6015.89	874	22
	Mar 2019	48	0	44	1	5	16	6018.32	896	28
	Apr 2019	92	2	78	2	21	17	6022.47	935	41
	May 2019	185	9	163	3	36	22	6032.89	1038	117
	Jun 2019	176	23	136	3	52	21	6038.60	1098	138
	Jul 2019	42	22	38	4	57	22	6034.44	1054	71
	Aug 2019	32	1	52	3	48	25	6032.14	1030	55
	Sep 2019	32	1	48	2	26	21	6031.95	1028	44
	WY 2019	**685**	**57**	**625**	**21**	**250**	**244**			**634**
	Oct 2019	39	1	42	1	10	22	6032.85	1038	44
	Nov 2019	31	1	24	1	0	21	6033.11	1040	37
	Dec 2019	25	0	20	1	0	22	6032.95	1039	37
	Jan 2020	22	0	18	1	0	22	6032.59	1035	35
	Feb 2020	30	0	27	1	0	20	6033.20	1041	33
	Mar 2020	92	0	85	1	6	22	6038.62	1098	44
	Apr 2020	170	9	140	2	22	21	6047.25	1194	73
	May 2020	277	21	216	3	36	22	6060.07	1349	168
	Jun 2020	224	37	163	4	53	28	6066.02	1426	180
	Jul 2020	66	29	50	5	57	31	6062.81	1384	98
	Aug 2020	45	5	58	4	48	31	6060.95	1360	69
	Sep 2020	43	2	52	3	26	30	6060.47	1354	62
	WY 2020	**1064**	**104**	**897**	**26**	**257**	**289**			**880**

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

October 2018 24-Month Study

Most Probable Inflow*

Lake Powell

	Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry Gage (1000 Ac-Ft)
*	Oct 2017	449	533	39	640	0	640	3627.09	5216	14530	634
H	Nov 2017	387	454	37	630	0	630	3625.29	5200	14332	619
I	Dec 2017	299	483	29	740	0	740	3622.85	5179	14068	733
S	Jan 2018	262	442	9	860	0	860	3619.14	5147	13672	861
T	Feb 2018	269	387	10	730	0	730	3616.02	5121	13346	750
O	Mar 2018	332	395	16	800	0	800	3612.23	5090	12956	835
R	Apr 2018	382	419	25	705	0	705	3609.39	5067	12669	738
I	May 2018	1214	968	29	705	0	705	3611.54	5085	12886	730
C	Jun 2018	883	635	45	760	0	760	3609.98	5072	12728	781
A	Jul 2018	123	252	53	860	0	860	3603.80	5023	12116	877
L	Aug 2018	11	260	50	900	0	900	3597.12	4972	11477	911
*	Sep 2018	1	230	45	670	0	670	3592.28	4936	11028	690
	WY 2018	**4612**	**5459**	**386**	**9000**	**0**	**9000**				**9158**
	Oct 2018	250	318	30	625	0	625	3588.84	4911	10716	631
	Nov 2018	300	341	29	625	0	625	3585.59	4888	10426	625
	Dec 2018	250	351	22	750	0	750	3581.12	4857	10035	755
	Jan 2019	260	359	7	850	0	850	3575.69	4820	9575	861
	Feb 2019	270	346	7	760	0	760	3570.97	4789	9185	764
	Mar 2019	460	426	11	790	0	790	3566.64	4761	8838	795
	Apr 2019	690	591	18	700	0	700	3565.14	4751	8720	708
	May 2019	1500	1314	21	700	0	700	3571.99	4795	9269	706
	Jun 2019	2150	1779	35	740	0	740	3582.99	4870	10198	748
	Jul 2019	760	701	44	840	0	840	3581.03	4856	10028	859
	Aug 2019	370	470	43	890	0	890	3575.99	4822	9600	908
	Sep 2019	340	437	39	652	0	652	3573.15	4803	9364	663
	WY 2019	**7600**	**7432**	**306**	**8922**	**0**	**8922**				**9022**
	Oct 2019	455	468	27	480	0	480	3572.71	4800	9328	486
	Nov 2019	447	443	26	500	0	500	3571.78	4794	9251	500
	Dec 2019	363	418	20	600	0	600	3569.46	4779	9064	605
	Jan 2020	361	415	6	720	0	720	3565.85	4756	8776	731
	Feb 2020	393	428	6	640	0	640	3563.26	4740	8574	644
	Mar 2020	665	556	11	675	0	675	3561.71	4730	8454	680
	Apr 2020	1056	839	17	600	0	600	3564.36	4746	8659	608
	May 2020	2343	2054	22	600	0	600	3580.53	4853	9985	606
	Jun 2020	2666	2052	38	630	0	630	3594.86	4955	11267	638
	Jul 2020	1091	1012	49	710	0	710	3597.37	4974	11501	729
	Aug 2020	500	593	49	760	0	760	3595.23	4958	11300	778
	Sep 2020	408	530	45	565	0	565	3594.43	4952	11227	576
	WY 2020	**10747**	**9806**	**315**	**7480**	**0**	**7480**				**7580**

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

October 2018 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Glen Release (1000 Ac-Ft)	Side Inflow Glen to Hoover (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Oct 2017	640	44	43	596	9.7	23	595	663	1082.30	10202
H	Nov 2017	630	40	42	731	12.3	16	731	656	1080.95	10090
I	Dec 2017	740	43	37	594	9.7	12	593	664	1082.52	10221
S	Jan 2018	860	78	30	449	7.3	10	448	692	1087.50	10642
T	Feb 2018	730	60	28	687	12.4	10	693	696	1088.21	10703
O	Mar 2018	800	70	32	833	13.5	14	832	695	1088.11	10694
R	Apr 2018	705	43	39	1015	17.1	21	1015	675	1084.49	10387
I	May 2018	705	21	44	1055	17.1	27	1054	651	1080.00	10011
C	Jun 2018	760	27	53	986	16.6	28	985	634	1076.81	9748
A	Jul 2018	860	106	65	820	13.3	27	819	637	1077.43	9799
L	Aug 2018	900	74	70	749	12.2	28	748	645	1078.88	9918
*	Sep 2018	670	86	58	725	12.2	26	724	642	1078.29	9870
	WY 2018	**9000**	**692**	**541**	**9240**		**243**	**9237**			
	Oct 2018	625	69	42	659	10.7	37	659	639	1077.79	9829
	Nov 2018	625	61	42	703	11.8	30	703	633	1076.77	9745
	Dec 2018	750	50	36	472	7.7	22	472	650	1079.83	9997
	Jan 2019	850	78	30	610	9.9	12	610	667	1082.94	10256
	Feb 2019	760	93	28	684	12.3	14	684	674	1084.36	10376
	Mar 2019	790	56	31	1054	17.1	21	1054	659	1081.45	10132
	Apr 2019	700	48	38	1058	17.8	23	1058	636	1077.23	9783
	May 2019	700	31	43	966	15.7	27	966	617	1073.71	9496
	Jun 2019	740	12	51	907	15.2	33	907	603	1070.91	9272
	Jul 2019	840	81	64	825	13.4	36	825	602	1070.87	9269
	Aug 2019	890	112	68	739	12.0	34	739	612	1072.75	9419
	Sep 2019	652	105	56	733	12.3	27	733	609	1072.07	9364
	WY 2019	**8922**	**796**	**529**	**9411**		**317**	**9411**			
	Oct 2019	480	69	41	509	8.3	28	509	607	1071.72	9337
	Nov 2019	500	61	41	669	11.2	21	669	597	1069.72	9178
	Dec 2019	600	50	35	593	9.6	14	593	597	1069.82	9185
	Jan 2020	720	78	29	607	9.9	14	607	606	1071.57	9324
	Feb 2020	640	93	26	663	11.5	17	663	608	1071.88	9349
	Mar 2020	675	56	29	988	16.1	22	988	589	1068.24	9060
	Apr 2020	600	48	36	997	16.8	25	997	564	1063.30	8675
	May 2020	600	31	40	917	14.9	31	917	542	1058.90	8340
	Jun 2020	630	12	48	929	15.6	31	929	520	1054.30	7997
	Jul 2020	710	81	59	813	13.2	31	813	513	1052.88	7892
	Aug 2020	760	112	62	773	12.6	28	773	514	1052.99	7900
	Sep 2020	565	105	51	701	11.8	25	701	507	1051.61	7800
	WY 2020	**7480**	**796**	**497**	**9160**		**285**	**9160**			

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

October 2018 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Oct 2017	596	-2	15	671	0	671	10.9	636.00	1512
H	Nov 2017	731	-18	11	595	0	595	10.0	640.07	1619
I	Dec 2017	594	-16	9	552	0	552	9.0	640.68	1636
S	Jan 2018	449	2	10	437	0	437	7.1		1641
T	Feb 2018	687	-4	10	611	0	611	11.0	643.18	1704
O	Mar 2018	833	-1	13	836	0	836	13.6	642.57	1687
R	Apr 2018	1015	-3	17	1001	0	1001	16.8	642.40	1682
I	May 2018	1055	-11	22	1001	0	1001	16.3	643.17	1703
C	Jun 2018	986	-21	26	909	0	909	15.3	644.29	1734
A	Jul 2018	820	-6	26	827	0	827	13.4	642.91	1696
L	Aug 2018	749	-13	23	730	0	730	11.9	642.29	1679
*	Sep 2018	725	-11	18	814	0	814	13.7	637.87	1561
	WY 2018	**9240**	**-103**	**198**	**8981**	**0**	**8981**			
	Oct 2018	659	-4	15	690	0	690	11.2	636.00	1512
	Nov 2018	703	-12	10	627	0	627	10.5	638.00	1564
	Dec 2018	472	-12	9	425	0	425	6.9	639.01	1591
	Jan 2019	610	-19	10	506	0	506	8.2	641.80	1666
	Feb 2019	684	-15	10	659	0	659	11.9	641.80	1666
	Mar 2019	1054	-17	13	990	0	990	16.1	643.05	1700
	Apr 2019	1058	-20	17	1023	0	1023	17.2	643.00	1699
	May 2019	966	-12	22	932	0	932	15.2	643.00	1699
	Jun 2019	907	-15	25	866	0	866	14.6	643.00	1699
	Jul 2019	825	-15	25	811	0	811	13.2	642.00	1671
	Aug 2019	739	-12	23	705	0	705	11.5	642.00	1671
	Sep 2019	733	-12	18	756	0	756	12.7	640.01	1618
	WY 2019	**9411**	**-166**	**198**	**8989**	**0**	**8989**			
	Oct 2019	509	-4	15	674	0	674	11.0	633.00	1434
	Nov 2019	669	-12	10	595	0	595	10.0	635.00	1486
	Dec 2019	593	-12	9	475	0	475	7.7	638.71	1583
	Jan 2020	607	-19	10	496	0	496	8.1	641.80	1666
	Feb 2020	663	-15	10	639	0	639	11.1	641.80	1666
	Mar 2020	988	-17	13	923	0	923	15.0	643.05	1700
	Apr 2020	997	-20	17	962	0	962	16.2	643.00	1699
	May 2020	917	-12	22	882	0	882	14.3	643.00	1699
	Jun 2020	929	-15	25	889	0	889	14.9	643.00	1699
	Jul 2020	813	-15	25	800	0	800	13.0	642.00	1671
	Aug 2020	773	-12	23	739	0	739	12.0	642.00	1671
	Sep 2020	701	-12	18	724	0	724	12.2	640.01	1618
	WY 2020	**9160**	**-166**	**197**	**8796**	**0**	**8796**			

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

October 2018 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	Oct 2017	671	9	12	478	7.8	69	131	446.27	548	65	1.1
H	Nov 2017	595	12	9	349	5.9	89	127	447.86	577	99	1.7
I	Dec 2017	552	17	7	335	5.5	100	144	446.80	557	109	1.8
S	Jan 2018	437	3	6	329	5.3	29	90	445.81	539	125	2.0
T	Feb 2018	611	3	8	429	7.7	12	109	448.52	590	145	2.6
O	Mar 2018	836	-3	9	637	10.4	61	139	447.46	570	195	3.2
R	Apr 2018	1001	-8	11	735	12.4	75	168	447.13	564	175	2.9
I	May 2018	1001	10	13	697	11.3	87	178	448.51	590	124	2.0
C	Jun 2018	909	6	15	712	12.0	91	88	448.43	588	136	2.3
A	Jul 2018	827	20	17	656	10.7	101	72	448.00	580	133	2.2
L	Aug 2018	730	21	17	611	9.9	99	22	447.53	571	104	1.7
*	Sep 2018	814	10	15	512	8.6	95	164	448.95	598	94	1.6
	WY 2018	**8981**	**100**	**139**	**6479**		**910**	**1431**			**1504**	
	Oct 2018	690	23	12	461	7.5	85	175	447.50	571	63	1.0
	Nov 2018	627	16	9	407	6.8	82	139	447.50	571	97	1.6
	Dec 2018	425	18	7	301	4.9	26	124	446.50	552	104	1.7
	Jan 2019	506	21	6	318	5.2	78	120	446.50	552	138	2.2
	Feb 2019	659	11	8	485	8.7	51	120	446.50	552	160	2.9
	Mar 2019	990	7	9	718	11.7	69	188	446.70	555	198	3.2
	Apr 2019	1023	16	11	710	11.9	88	183	448.70	593	175	2.9
	May 2019	932	15	13	642	10.4	90	188	448.70	593	104	1.7
	Jun 2019	866	13	16	683	11.5	88	78	448.70	593	105	1.8
	Jul 2019	811	21	17	647	10.5	90	78	448.00	580	111	1.8
	Aug 2019	705	23	17	589	9.6	90	29	447.50	571	100	1.6
	Sep 2019	756	17	15	509	8.6	88	152	447.50	570	89	1.5
	WY 2019	**8989**	**200**	**139**	**6471**		**927**	**1574**			**1444**	
	Oct 2019	674	23	12	490	8.0	48	140	447.50	571	74	1.2
	Nov 2019	595	16	9	408	6.9	48	140	447.50	571	116	1.9
	Dec 2019	475	18	7	313	5.1	48	140	446.50	552	131	2.1
	Jan 2020	496	21	6	313	5.1	87	106	446.50	552	134	2.2
	Feb 2020	639	11	8	479	8.3	57	100	446.50	552	155	2.7
	Mar 2020	923	7	9	708	11.5	77	125	446.70	555	191	3.1
	Apr 2020	962	16	11	699	11.7	97	125	448.70	593	168	2.8
	May 2020	882	15	13	635	10.3	99	137	448.70	593	100	1.6
	Jun 2020	889	13	16	675	11.3	97	100	448.70	593	102	1.7
	Jul 2020	800	21	17	642	10.4	99	62	448.00	580	107	1.7
	Aug 2020	739	23	17	587	9.5	99	56	447.50	571	97	1.6
	Sep 2020	724	17	15	507	8.5	97	112	447.50	570	86	1.5
	WY 2020	**8796**	**200**	**139**	**6455**		**955**	**1342**			**1460**	

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

October 2018 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Oct 2017	596	9.7	1082.30	10202	21	441.43	976.1	229.0	66	384.2
H	Nov 2017	731	12.3	1080.95	10090	-113	435.01	996.0	287.9	63	393.6
I	Dec 2017	594	9.7	1082.52	10221	131	439.05	821.0	235.7	52	396.6
S	Jan 2018	449	7.3	1087.50	10642	421	442.14	834.0	176.5	51	392.9
T	Feb 2018	687	12.4	1088.21	10703	61	441.97	1220.1	275.0	75	400.3
O	Mar 2018	833	13.5	1088.11	10694	-9	442.23	1005.9	333.9	62	400.8
R	Apr 2018	1015	17.1	1084.49	10387	-308	437.15	880.9	406.2	55	400.0
I	May 2018	1055	17.1	1080.00	10011	-376	432.39	1385.9	412.1	88	390.8
C	Jun 2018	986	16.6	1076.81	9748	-263	428.91	1552.0	378.6	100	384.1
A	Jul 2018	820	13.3	1077.43	9799	51	432.34	1552.0	313.2	100	382.0
L	Aug 2018	749	12.2	1078.88	9918	119	435.01	1562.0	287.4	100	383.8
*	Sep 2018	725	12.2	1078.29	9870	-49	434.15	1562.0	278.7	100	384.7
	WY 2018	**9240**							**3614.3**		
	Oct 2018	659	10.7	1077.79	9829	-41	429.95	1406.1	252.6	87	383.0
	Nov 2018	703	11.8	1076.77	9745	-83	431.84	1005.9	277.5	62	394.7
	Dec 2018	472	7.7	1079.83	9997	252	432.55	880.9	185.5	55	392.7
	Jan 2019	610	9.9	1082.94	10256	259	429.59	1576.0	234.3	100	384.1
	Feb 2019	684	12.3	1084.36	10376	119	430.92	1552.0	265.7	100	388.6
	Mar 2019	1054	17.1	1081.45	10132	-244	429.78	1552.0	408.1	100	387.1
	Apr 2019	1058	17.8	1077.23	9783	-349	425.85	1562.0	407.8	100	385.4
	May 2019	966	15.7	1073.71	9496	-287	422.03	1562.0	369.7	100	382.7
	Jun 2019	907	15.2	1070.91	9272	-225	422.26	1067.9	352.3	68	388.6
	Jul 2019	825	13.4	1070.87	9269	-3	421.97	945.0	322.8	61	391.4
	Aug 2019	739	12.0	1072.75	9419	151	423.22	950.0	286.9	61	388.0
	Sep 2019	733	12.3	1072.07	9364	-55	424.26	999.0	285.4	63	389.4
	WY 2019	**9411**							**3648.7**		
	Oct 2019	509	8.3	1071.72	9337	-28	426.03	999.0	198.2	63	389.1
	Nov 2019	669	11.2	1069.72	9178	-159	427.09	1000.0	259.1	63	387.6
	Dec 2019	593	9.6	1069.82	9185	7	424.68	925.9	228.1	60	384.7
	Jan 2020	607	9.9	1071.57	9324	139	423.36	913.0	233.6	60	384.6
	Feb 2020	663	11.5	1071.88	9349	25	419.10	1512.0	249.1	100	375.6
	Mar 2020	988	16.1	1068.24	9060	-289	420.92	944.8	382.2	63	387.0
	Apr 2020	997	16.8	1063.30	8675	-385	416.67	871.6	386.4	60	387.4
	May 2020	917	14.9	1058.90	8340	-335	412.03	858.0	349.4	60	381.0
	Jun 2020	929	15.6	1054.30	7997	-343	403.35	1409.7	338.6	100	364.4
	Jul 2020	813	13.2	1052.88	7892	-105	400.69	1401.7	295.5	100	363.5
	Aug 2020	773	12.6	1052.99	7900	8	400.37	1402.3	279.6	100	361.5
	Sep 2020	701	11.8	1051.61	7800	-100	400.39	1394.5	251.7	100	359.2
	WY 2020	**9160**							**3451.6**		

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

October 2018 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Oct 2017	671	10.9	636.00	1512	-91	134.26	179.3	81.3	70	121.3
H	Nov 2017	595	10.0	640.07	1619	107	138.81	151.3	73.1	59	122.7
I	Dec 2017	552	9.0	640.68	1636	17	139.44	131.6	69.5	52	126.0
S	Jan 2018	437	7.1		1641	5	141.78	159.6	55.0	63	125.9
T	Feb 2018	611	11.0	643.18	1704	63	142.18	162.1	76.6	64	125.4
O	Mar 2018	836	13.6	642.57	1687	-17	139.99	189.2	105.4	74	126.1
R	Apr 2018	1001	16.8	642.40	1682	-5	141.14	207.4	125.1	81	125.0
I	May 2018	1001	16.3	643.17	1703	21	141.89	204.0	126.2	80	126.1
C	Jun 2018	909	15.3	644.29	1734	31	143.00	255.0	115.0	100	126.6
A	Jul 2018	827	13.4	642.91	1696	-38	141.79	255.0	105.3	100	127.4
L	Aug 2018	730	11.9	642.29	1679	-17	141.02	255.0	92.7	100	127.1
*	Sep 2018	814	13.7	637.87	1561	-119	136.59	255.0	101.2	100	124.3
	WY 2018	**8981**							**1126.3**		
	Oct 2018	690	11.2	636.00	1512	-49	131.78	184.3	83.5	72	121.1
	Nov 2018	627	10.5	638.00	1564	52	132.93	153.0	76.2	60	121.4
	Dec 2018	425	6.9	639.01	1591	27	132.69	207.3	52.8	81	124.1
	Jan 2019	506	8.2	641.80	1666	75	133.31	255.0	63.4	100	125.3
	Feb 2019	659	11.9	641.80	1666	0	134.78	255.0	82.5	100	125.2
	Mar 2019	990	16.1	643.05	1700	34	135.44	255.0	123.1	100	124.4
	Apr 2019	1023	17.2	643.00	1699	-1	136.07	255.0	127.5	100	124.6
	May 2019	932	15.2	643.00	1699	0	136.04	255.0	116.7	100	125.2
	Jun 2019	866	14.6	643.00	1699	0	136.04	255.0	108.6	100	125.4
	Jul 2019	811	13.2	642.00	1671	-27	135.51	255.0	101.8	100	125.4
	Aug 2019	705	11.5	642.00	1671	0	134.99	255.0	88.5	100	125.5
	Sep 2019	756	12.7	640.01	1618	-54	133.94	255.0	93.9	100	124.2
	WY 2019	**8989**							**1118.4**		
	Oct 2019	674	11.0	633.00	1434	-183	131.28	185.9	81.4	73	120.8
	Nov 2019	595	10.0	635.00	1486	51	129.81	153.0	70.7	60	118.9
	Dec 2019	475	7.7	638.71	1583	97	131.17	200.7	58.1	79	122.3
	Jan 2020	496	8.1	641.80	1666	83	133.16	255.0	62.1	100	125.3
	Feb 2020	639	11.1	641.80	1666	0	134.78	255.0	80.1	100	125.5
	Mar 2020	923	15.0	643.05	1700	34	135.44	255.0	115.2	100	124.8
	Apr 2020	962	16.2	643.00	1699	-1	136.07	255.0	120.2	100	124.9
	May 2020	882	14.3	643.00	1699	0	136.04	255.0	110.7	100	125.5
	Jun 2020	889	14.9	643.00	1699	0	136.04	255.0	111.3	100	125.3
	Jul 2020	800	13.0	642.00	1671	-27	135.51	255.0	100.3	100	125.5
	Aug 2020	739	12.0	642.00	1671	0	134.99	255.0	92.6	100	125.4
	Sep 2020	724	12.2	640.01	1618	-54	133.94	255.0	90.0	100	124.4
	WY 2020	**8796**							**1092.8**		

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

October 2018 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Oct 2017	478	7.8	446.27	548	-17	80.03	92.9	33.6	77	70.4
H	Nov 2017	349	5.9	447.86	577	30	81.65	90.0	24.1	75	69.2
I	Dec 2017	335	5.5	446.80	557	-20	81.55	92.9	22.5	77	67.0
S	Jan 2018	329	5.3	445.81	539	-18	80.05	117.1	22.8	98	69.2
T	Feb 2018	429	7.7	448.52	590	50	81.30	92.1	30.3	77	70.6
O	Mar 2018	638	10.4	447.46	570	-20	81.79	102.6	44.9	85	70.4
R	Apr 2018	735	12.4	447.13	564	-6	81.11	120.0	50.8	100	69.1
I	May 2018	697	11.3	448.51	590	26	82.36	120.0	48.5	100	69.6
C	Jun 2018	712	12.0	448.43	588	-1	80.33	120.0	49.7	100	69.9
A	Jul 2018	656	10.7	448.00	580	-8	81.97	120.0	46.0	100	70.2
L	Aug 2018	611	9.9	447.53	571	-9	79.27	120.0	42.7	100	69.9
*	Sep 2018	512	8.6	448.95	598	27	83.02	120.0	35.9	100	70.1
	WY 2018	**6479**							**451.7**		
	Oct 2018	461	7.5	447.50	571	-28	77.00	90.0	30.6	75	66.4
	Nov 2018	407	6.8	447.50	571	0	76.19	92.0	26.7	77	65.5
	Dec 2018	301	4.9	446.50	552	-19	74.69	113.2	18.9	94	63.0
	Jan 2019	318	5.2	446.50	552	0	75.27	91.0	20.3	76	63.8
	Feb 2019	485	8.7	446.50	552	0	75.21	92.1	31.8	77	65.5
	Mar 2019	718	11.7	446.70	555	4	74.05	119.0	46.7	99	65.0
	Apr 2019	710	11.9	448.70	593	38	75.08	120.0	46.7	100	65.8
	May 2019	642	10.4	448.70	593	0	76.05	120.0	42.6	100	66.3
	Jun 2019	683	11.5	448.70	593	0	76.05	120.0	45.4	100	66.5
	Jul 2019	647	10.5	448.00	580	-13	75.71	120.0	42.7	100	66.1
	Aug 2019	589	9.6	447.50	571	-9	75.13	120.0	38.5	100	65.4
	Sep 2019	509	8.6	447.50	570	0	74.89	120.0	33.1	100	65.0
	WY 2019	**6471**							**424.1**		
	Oct 2019	490	8.0	447.50	571	0	76.29	90.0	32.4	75	66.1
	Nov 2019	408	6.9	447.50	571	0	76.14	93.0	26.7	78	65.5
	Dec 2019	313	5.1	446.50	552	-19	74.65	114.2	19.7	95	63.2
	Jan 2020	313	5.1	446.50	552	0	75.07	94.8	19.9	79	63.6
	Feb 2020	479	8.3	446.50	552	0	75.21	92.1	31.3	77	65.4
	Mar 2020	708	11.5	446.70	555	4	74.01	120.0	45.9	100	64.9
	Apr 2020	699	11.7	448.70	593	38	75.08	120.0	46.0	100	65.8
	May 2020	635	10.3	448.70	593	0	76.05	120.0	42.1	100	66.3
	Jun 2020	675	11.3	448.70	593	0	76.05	120.0	44.9	100	66.5
	Jul 2020	642	10.4	448.00	580	-13	75.71	120.0	42.4	100	66.0
	Aug 2020	587	9.5	447.50	571	-9	75.13	120.0	38.4	100	65.4
	Sep 2020	507	8.5	447.50	570	0	74.89	120.0	32.9	100	65.0
	WY 2020	**6455**							**422.7**		

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

October 2018 24-Month Study

Most Probable Inflow*

Upper Basin Power

	Date	Glen Canyon 1000 MWHR	Flaming Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Reservoir 1000 MWHR	Fontenelle Reservoir 1000 MWHR
*	Oct 2017	294	42	30	37	21	7
H	Nov 2017	288	55	12	14	8	7
I	Dec 2017	339	68	27	33	19	6
S	Jan 2018	394	68	17	21	12	6
T	Feb 2018	335	60	9	12	3	5
O	Mar 2018	364	41	12	16	9	1
	Winter 2018	**2013**	**334**	**107**	**133**	**71**	**31**
R	Apr 2018	318	39	23	27	16	5
I	May 2018	318	63	23	33	20	7
C	Jun 2018	343	50	27	34	20	8
A	Jul 2018	384	48	27	36	20	8
L	Aug 2018	393	50	24	33	19	7
*	Sep 2018	288	47	8	29	16	1
	Summer 2018	**2045**	**297**	**133**	**193**	**111**	**36**
	Oct 2018	242	36	12	12	5	6
	Nov 2018	239	33	4	7	4	5
	Dec 2018	286	45	6	9	5	5
	Jan 2019	321	45	7	11	5	5
	Feb 2019	283	41	6	9	5	4
	Mar 2019	292	31	6	10	5	4
	Winter 2019	**1664**	**230**	**42**	**58**	**29**	**30**
	Apr 2019	256	30	12	20	11	5
	May 2019	257	40	39	63	23	6
	Jun 2019	277	61	22	37	22	8
	Jul 2019	318	37	18	26	14	10
	Aug 2019	334	38	20	28	14	7
	Sep 2019	244	37	17	24	13	6
	Summer 2019	**1687**	**245**	**129**	**198**	**98**	**41**
	Oct 2019	179	25	11	16	9	6
	Nov 2019	185	26	4	6	4	6
	Dec 2019	222	38	4	6	4	6
	Jan 2020	265	38	4	6	4	5
	Feb 2020	234	36	4	6	3	5
	Mar 2020	245	29	4	7	4	5
	Winter 2020	**1331**	**192**	**30**	**47**	**28**	**33**
	Apr 2020	218	28	10	17	10	5
	May 2020	222	66	54	80	23	7
	Jun 2020	242	44	7	16	13	9
	Jul 2020	277	50	19	25	14	10
	Aug 2020	297	50	22	27	14	10
	Sep 2020	221	50	20	25	13	9
	Summer 2020	**1256**	**237**	**112**	**164**	**76**	**40**

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

October 2018 24-Month Study

Most Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions

Date	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Total KAF	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****CREDITABLE SPACE****										
Oct 2018	453	547	777	13294	15071	17507	32578	453	547	777	1777	13294	17507	32578	3040	659	0	27.6
Nov 2018	506	575	795	13606	15482	17548	33031	506	575	795	1876	13606	17548	33031	3810	703	0	27.2
Dec 2018	547	573	803	13896	15820	17632	33452	547	573	803	1924	13896	17632	33452	4580	472	0	27.0
Jan 2019	634	581	813	14287	16314	17380	33694	634	581	813	2028	14287	17380	33694	5350	610	0	26.7
								****EFFECTIVE SPACE****										
Jan 2019	634	581	813	14287	16314	17380	33694	217	142	355	713	14287	17380	32380	5350	610	0	26.7
Feb 2019	713	596	821	14747	16877	17121	33997	295	157	363	814	14747	17121	32682	1500	684	0	26.4
Mar 2019	780	607	822	15137	17345	17001	34346	361	168	363	892	15137	17001	33030	1500	1054	0	25.9
Apr 2019	775	609	800	15484	17668	17245	34913	352	170	334	856	15484	17245	33586	1500	1058	0	25.5
May 2019	740	606	761	15602	17708	17594	35302	310	165	273	748	15602	17594	33943	1500	966	0	25.9
Jun 2019	685	614	658	15053	17010	17881	34891	246	162	131	539	15053	17881	33473	1500	907	0	27.0
Jul 2019	550	491	598	14124	15764	18105	33869	98	19	16	133	14124	18105	32362	1500	825	0	26.8
								****CREDITABLE SPACE****										
Aug 2019	470	469	642	14294	15875	18108	33984	470	469	642	1582	14294	18108	33984	1500	739	0	26.4
Sep 2019	512	491	666	14722	16391	17958	34349	512	491	666	1669	14722	17958	34349	2270	733	0	26.0
Oct 2019	574	515	668	14958	16714	18013	34727	574	515	668	1757	14958	18013	34727	3040	509	0	25.7
Nov 2019	594	523	658	14994	16769	18040	34809	594	523	658	1775	14994	18040	34809	3810	669	0	25.5
Dec 2019	619	506	656	15071	16852	18199	35051	619	506	656	1781	15071	18199	35051	4580	593	0	25.4
Jan 2020	690	495	657	15258	17100	18192	35292	690	495	657	1842	15258	18192	35292	5350	607	0	25.2
								****EFFECTIVE SPACE****										
Jan 2020	690	495	657	15258	17100	18192	35292	372	399	535	1306	15258	18192	34756	5350	607	0	25.2
Feb 2020	756	484	661	15546	17447	18053	35500	436	389	539	1364	15546	18053	34962	1500	663	0	25.0
Mar 2020	811	475	655	15748	17689	18028	35716	489	380	532	1401	15748	18028	35177	1500	988	0	24.7
Apr 2020	793	450	598	15868	17709	18317	36026	467	359	468	1293	15868	18317	35478	1500	997	0	24.8
May 2020	744	410	502	15663	17319	18702	36021	411	317	348	1076	15663	18702	35441	1500	917	0	26.0
Jun 2020	688	384	347	14337	15756	19037	34793	346	292	154	791	14337	19037	34165	1500	929	0	27.5
Jul 2020	436	159	270	13055	13920	19380	33300	75	55	19	148	13055	19380	32584	1500	813	0	27.7
								****CREDITABLE SPACE****										
Aug 2020	378	116	312	12821	13628	19485	33113	378	116	312	807	12821	19485	33113	1500	773	0	27.4
Sep 2020	439	128	336	13022	13924	19477	33401	439	128	336	903	13022	19477	33401	2270	701	0	27.0

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3075

Processed On: 10/11/2018 9:11:56AM

November 24-Month Study
Date: November 14, 2018

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

Reservoir	October Inflow (unregulated) (acre-feet)	Percent of Average (%)	November 12, Midnight Elevation (feet)	November 12, Midnight Reservoir Storage (acre-feet)
Fontenelle	41,900	86	6,490.29	229,000
Flaming Gorge	53,700	91	6,029.63	3,334,000
Blue Mesa	22,900	60	7,438.05	250,000
Navajo	22,500	48	6,018.01	893,000
Powell	350,900	68	3,587.70	10,614,000

Expected Operations

The operation of Lake Powell and Lake Mead in this November 2018 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines), and reflects the 2018 Annual Operating Plan (AOP) and draft 2019 AOP. Pursuant to the Interim Guidelines, the August 2018 24-Month Study projections of the January 1, 2019, system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2019.

Consistent with Section 6.B of the Interim Guidelines, the Lake Powell operational tier for water year 2019 will be governed by the Upper Elevation Balancing Tier, with an initial water year release volume of 8.23 million acre-feet (maf) and the potential for an April adjustment to equalization or balancing releases in April 2019. This November 2018 24-Month Study indicates that, consistent with Section 6.B.4 of the Interim Guidelines, an April adjustment to balancing releases is projected to occur and the contents of Lake Powell and Lake Mead will be balanced by the end of the water year, but not more than 9.0 maf and not less than 8.23 maf shall be released from Lake Powell. Based on the most probable inflow forecast, this November 24-Month Study projects a balancing release of 8.86 maf in water year 2019.

Consistent with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar years 2018 and 2019.

The 2019 operational tier determinations will be documented in the 2019 AOP, which is currently in development.

The Interim Guidelines are available for download at:
https://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The 2018 AOP is available for download at:
https://www.usbr.gov/lc/region/g4000/aop/AOP18.pdf
The draft 2019 AOP is available for download at:
https://www.usbr.gov/uc/water/rsvrs/ops/aop/AOP19_Third_Consultation_draft.pdf

Fontenelle Reservoir – Fontenelle Reservoir is currently at elevation 6490.1 feet above sea level (feet), which amounts to 66 percent of live storage capacity. Inflows for the month of October totaled 41,900 acre-feet (af), or 86 percent of average. Average inflows are occurring and releases are being adjusted to maintain capacity in the reservoir. Releases are currently set at 1,000 cubic feet per second (cfs) (11/12/2018).

The Colorado Basin River Forecast Center has forecasted inflows that are at or above average. November, December, and January forecasted inflow volumes amount to 43,000 af (102 percent of average), 33,000 af (103 percent of average), and 32,000 af (106 percent of average), respectively.

The next Fontenelle Working Group meeting is scheduled for 10:00 a.m., April 24, 2019. The meeting will be held at the Seedskadee National Wildlife Refuge. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir.

Flaming Gorge Reservoir – Releases are currently set at 1,500 cfs with fluctuations for hydropower. Average daily releases will likely remain at 1,500 cfs through the end of November.

Unregulated Inflow into Flaming Gorge Reservoir during the month of October was 53,700 af, or 130 percent of average. The current reservoir elevation is 6029.6 feet (89 percent of live capacity) and decreasing.

The November final unregulated inflow forecast for the next three months projects near average conditions: November, December, and January forecasted inflow volumes at 48,000 af (94 percent of average), 34,000 af (98 percent of average), and 39,000 af (97 percent of average), respectively.

The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stakeholders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations and plans presented by Reclamation

at these meetings. Meeting notes from past Working Group meetings are posted on the Working Group webpage. For more information on this group and these meetings please contact Dale Hamilton at 801-379-1186 or Jed Parker at 801-524-3816.

Reclamation will be holding the Flaming Gorge Working Group meeting on Thursday, March 14, 2019 at 10:00 a.m. at the Uintah Conference Center, 313 E 200 S, Vernal, Utah.

Aspinall Unit Reservoirs – As of November 12, 2018 releases from Crystal Dam are approximately 330 cfs. Uncompahgre Valley Water Users Association has stopped diversions through the Gunnison Tunnel for the irrigation season. Occasional diversions through the tunnel are occurring to fill Fairview Reservoir as needed. Flows through the Black Canyon are approximately 310 cfs. There is currently about a 20 cfs loss to the Gunnison River between Crystal Dam and the Gunnison Tunnel Diversion. As of November 12, 2018, Blue Mesa Reservoir elevation is 7438.05 feet which corresponds to storage content of 249,932 af (30 percent of capacity).

The October unregulated inflow to Blue Mesa Reservoir was 22,900 af (60 percent of average). Unregulated Inflows to Blue Mesa for the next three months (November, December and January) are projected to be: 20,000 af (64 percent of average), 17,000 af (65 percent of average) and 15,000 af (63 percent of average), respectively. For water year 2019, the unregulated inflow volume is forecasted to be 722,900 af (75 percent of average) with 530,000 af (78 percent of average) of unregulated inflow occurring during the April through July period. The November 24-Month Study is reflective of this new forecast.

Conditions are clearly very dry. Blue Mesa Reservoir did not fill in water year 2018 and will most likely not fill in water year 2019 either. Current projections indicate Blue Mesa storage will continue to decrease from now till March of 2019 before rebounding during the spring runoff. Current projections show Blue Mesa will reach a low elevation for water year 2019 of about 7,437 feet in early June 2019 and a peak elevation for water year 2019 of about 7465 feet in early August 2019. The projected end of water year 2019 elevation of Blue Mesa is 7456.6 feet which corresponds to a live storage content of 356,620 acre-feet (43 percent of full capacity).

The Aspinall Unit Working Group is an open public forum for information exchange between Reclamation and the stakeholders of the Aspinall Unit. The public is encouraged to attend and comments on the operations and plans presented by Reclamation at these meetings. Meeting notes from past working Group meetings are posted on the Working Group webpage. For more information on this group and these meetings please contact Erik Knight in the Grand Junction Area Office at (970) 248-0629.

Meeting notes from past working Group meetings are posted on the Working Group webpage at:

https://www.usbr.gov/uc/wcao/water/rsvrs/mtgs/amcurrnt.html

The next meeting of the Aspinall Unit Working Group will be held on Thursday, January 17, 2019 at 1:00 p.m. at the Holiday Inn Express located in Montrose, Colorado.

Navajo Reservoir – The current (11/8/2018) daily average release rate from Navajo Dam is 320 cfs and the observed inflow to Navajo Reservoir is 147 cfs. The Navajo Indian Irrigation Project (NIIP) has shut down for the season. The NIIP diversion total for the year was 222,800 af. The reservoir elevation is 6018.1 feet which corresponds to a live storage of 0.895 maf (53 percent of live storage capacity). This elevation also corresponds to an active storage of 0.233 maf (22 percent of active storage capacity). The river flow measured at the San Juan River at Four Corners USGS gage is 650 cfs. River flow at the Animas River at Farmington USGS gage is at 310 cfs. Releases from Navajo Dam are made for the authorized purposes of the Navajo Unit, and pursuant to the 2006 Record of Decision, to attempt to maintain a target base flow through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell). The San Juan River Basin Recovery Implementation Program (SJRIP) recommends a target base flow of between 500 cfs and 1,000 cfs through the critical habitat area. The target base flow is calculated as the weekly average of gaged flows throughout the critical habitat area.

The preliminary modified-unregulated inflow into Navajo (inflow adjusted for upstream change in storage, reservoir evaporation and exportation from the basin) in October was 22,522 af (48 percent of average). This value is subject to change as additional data is collected and revised.

Forecasted modified-unregulated inflow to Navajo over the next three months (November, December, and January) are projected to be: 19,000 af (57 percent of average), 15,000 af (60 percent of average), and 14,000 af (64 percent of average), respectively.

Releases for the fall and winter will be made to maintain the minimum target baseflow in the critical habitat reach and will decrease as irrigation in the basin decreases. When conditions allow, the release will be reduced to as low as the minimum release of 250 cfs, so long as the target baseflow downstream is still met.

Reclamation conducts Public Operations Meetings three times per year to gather input for determining upcoming operations for Navajo Reservoir. Input from individuals, organizations, and agencies along with other factors such as weather, water rights, endangered species requirements, flood control, hydro power, recreation, fish and wildlife management, and reservoir levels, will be considered in the development of these reservoir operation plans. In addition, the meetings are used to coordinate activities and exchange information among agencies, water users, and other interested parties concerning the San Juan River and Navajo Reservoir.

The next Navajo Public Operations Coordination Meeting is scheduled for Tuesday, January 29, 2019, at 1:00 p.m. at the Farmington Civic Center, Farmington, NM.

Glen Canyon Dam / Lake Powell

Current Status

The Department of the Interior completed a High Flow Experiment from Glen Canyon Dam in November 2018. High Flow Experiments (HFE) below Glen Canyon Dam are driven by weather, sediment inputs, and other resource conditions, in accordance with the Long-Term Experimental and Management Plan (LTEMP). The HFE began on November 5, 2018, for a duration of 60 hours with flows surrounding the HFE fluctuating between 6,500 and 9,000 cfs during the evening and daylight hours for hydropower.

The April to July 2018 unregulated inflow to Lake Powell was 2.6 maf (36 percent of average). The unregulated inflow in October was 351 thousand acre-feet (kaf) (69 percent of average). October precipitation in the Upper Colorado Basin was 135 percent of average, but the extremely dry soil conditions decreased the amount of observed runoff. The release volume from Glen Canyon Dam in October was 625 kaf. The end of October elevation and storage of Lake Powell were 3,590.46 feet (110 feet from full pool) 10.86 maf (45 percent of full capacity).

Current Operations

The operating tier for water year 2019 was established in August 2018 as the Upper Elevation Balancing Tier. As described in the Interim Guidelines, under balancing, the contents of Lake Powell and Lake Mead are to be balanced by the end of the water year, but not more than 9.0 maf and not less than 8.23 maf is to be released from Lake Powell. Under this Tier the initial annual water year release volume is 8.23 maf but there is potential for an April 2019 adjustment to equalization or balancing releases. Based on the current forecast, an April adjustment to balancing releases is projected and Lake Powell is currently projected to release 8.85 maf in water year 2019. This projection will be updated each month throughout the water year.

In November, the release volume will be approximately 657 kaf, with fluctuations anticipated between about 6,000 cfs in the nighttime to about 9,000 cfs in the daytime and consistent with the Glen Canyon Dam, Record of Decision on LTEMP (dated December, 2016). The anticipated release volume for December is 740 kaf.

In addition to daily scheduled fluctuations for power generation, the instantaneous releases from Glen Canyon Dam may also fluctuate to provide 40 megawatts (mw) of system regulation. These instantaneous release adjustments stabilize the electrical generation and transmission system and translate to a range of about 1,200 cfs above or below the hourly scheduled release rate. Under normal conditions, fluctuations for regulation are typically short lived and generally balance out over the hour with minimal or no noticeable impacts on downstream river flow conditions.

Releases from Glen Canyon Dam can also fluctuate beyond scheduled releases when called upon to respond to power system emergencies. Depending on the severity of the

system emergency, the response from Glen Canyon Dam can be significant and within the full range of the operating capacity of the power plant for as long as is necessary to maintain balance in the transmission system. Glen Canyon Dam currently maintains 28 mw (approximately 830 cfs) of generation capacity in reserve to respond to system emergencies even when generation rates are already high. System emergencies occur fairly infrequently and typically require small responses from Glen Canyon Dam. However, these responses can have a noticeable impact on the river downstream of Glen Canyon Dam.

Inflow Forecasts and Model Projections

The forecast for water year 2019 unregulated inflow to Lake Powell, issued on November 1, 2018, by the Colorado Basin River Forecast Center, projects that the most probable (median) unregulated inflow volume next year will be 7.5 maf (69 percent of average). There is significant uncertainty regarding next season's snow pack development and resulting runoff into Lake Powell. The forecast ranges from a minimum probable of 4.6 maf (42 percent of average) to a maximum probable of 15.4 maf (142 percent of average). There is a 10 percent chance that inflows could be higher than the current maximum probable forecast and a 10 percent chance that inflows could be lower than the minimum probable forecast.

Based on the current forecast, the November 24-Month Study projects the Lake Powell elevation will end water year 2019 near 3,582.59 feet with approximately 10.16 maf in storage (39 percent of capacity). Note that projections of elevation and storage for water year 2019 have significant uncertainty at this point in the season. Projections of end of water year 2019 elevation and storage using the minimum and maximum probable inflow forecast from October 2018 are 3,556 feet (8.027 maf, 33 percent of capacity) and 3,636 feet (15.54 maf, 64 percent of capacity), respectively. Under these scenarios, there is a 10 percent chance that inflows will be higher, resulting in higher elevation and storage, and 10 percent chance that inflows will be lower, resulting in lower elevation and storage. The annual release volume from Lake Powell during water year 2019 is projected to be 8.85 maf under the November most probable scenario, and 9.0 maf under the October maximum probable inflow scenarios and 8.23 maf under the October minimum probable inflow scenario.

Upper Colorado River Basin Hydrology

The Upper Colorado River Basin regularly experiences significant year to year hydrologic variability. During the 19-year period 2000 to 2018, however, the unregulated inflow to Lake Powell, which is a good measure of hydrologic conditions in the Colorado River Basin, was above average in only 4 out of the past 19 years. The period 2000-2018 is the lowest 19-year period since the closure of Glen Canyon Dam in 1963, with an average unregulated inflow of 8.54 maf, or 79 percent of the 30-year average (1981-2010). (For comparison, the 1981-2010 total water year average is 10.83 maf.) The unregulated inflow during the 2000-2018 period has ranged from a low of 2.64 maf (24 percent of average) in water year 2002 to a high of 15.97 maf (147 percent of average) in water year 2011. In water year 2018 unregulated inflow volume to Lake Powell was 4.6 maf (43 percent of average), the third driest year on record above 2002

and 1977. Under the current most probable forecast, the total water year 2019 unregulated inflow to Lake Powell is projected to be 7.6 maf (70 percent of average).

At the beginning of water year 2019, total system storage in the Colorado River Basin was 28.0 maf (47 percent of 59.6 maf total system capacity). This is a decrease of 4.9 maf over the total storage at the beginning of water year 2018 when total system storage was 32.9 maf (55 percent of capacity). Since the beginning of water year 2000, total Colorado Basin storage has experienced year to year increases and decreases in response to wet and dry hydrology, ranging from a high of 94 percent of capacity at the beginning of 2000 to a low of 50 percent of capacity at the beginning of water year 2005. One wet year can significantly increase total system reservoir storage, just as persistent dry years can draw down the system storage. Based on current inflow forecasts, the current projected end of water year total Colorado Basin reservoir storage for water year 2019 is approximately 25.93 maf (43 percent of total system capacity). The actual end of water year 2019 system storage may vary from this projection, primarily due to uncertainty regarding this season's runoff and reservoir inflow.

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-430
125 SOUTH STATE STREET, ROOM 8100
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-3709

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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:	Obs			oct	Forecast		
:	jul	aug	sep	oct %Avg	nov	dec	jan
GLDA3:Lake Powell	123	11.2	0.92	351 69%:	320/	250/	235/
GBRW4:Fontenelle	138	50	30	42 86%:	43/	33/	32/
GRNU1:Flaming Gorge	140	42	17.3	54 92%:	48/	34/	39/
BMDC2:Blue Mesa	21	18.6	11.6	23 60%:	20/	17/	15/
MPSC2:Morrow Point	22	19.0	13.8	24 59%:	21/	18/	17/
CLSC2:Crystal	24	21	15.2	27 58%:	24/	20/	20/
TPIC2:Taylor Park	5.0	3.2	2.9	4.6 69%:	3.5/	3/	3/
VCRC2:Vallecito	7.6	5.4	3.3	8.5 54%:	6/	3.5/	3/
NVRN5:Navajo	-9.35	-6.92	2.5	23 49%:	19/	15/	14/
LEMC2:Lemon	1.13	0.73	0.48	1.85 58%:	1.2/	0.7/	0.5/
MPHC2:McPhee	10.5	7.8	3.1	4.7 54%:	3.5/	2.5/	2/
RBSC2:Ridgway	3.5	2.8	2.6	3.3 43%:	3.5/	3/	2.5/
:							

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

November 2018 24-Month Study

Most Probable Inflow*

Fontenelle Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Nov 2017	62	1	78	0	78	6491.65	238
H	Dec 2017	46	1	72	8	80	6486.39	204
I	Jan 2018	42	1	79	1	80	6479.83	165
S	Feb 2018	38	0	72	0	72	6472.86	131
T	Mar 2018	58	0	16	56	71	6469.78	117
O	Apr 2018	101	1	83	4	87	6472.76	130
R	May 2018	354	2	100	123	223	6494.84	260
I	Jun 2018	404	2	101	269	370	6499.18	292
C	Jul 2018	138	3	92	8	100	6503.79	327
A	Aug 2018	50	2	75	1	76	6500.10	299
L	Sep 2018	30	2	7	58	65	6495.11	262
	WY 2018	**1397**	**15**	**856**	**528**	**1382**		
*	Oct 2018	42	1	45	20	65	6491.62	238
	Nov 2018	43	1	60	0	60	6488.96	222
	Dec 2018	33	1	61	0	61	6484.45	193
	Jan 2019	32	1	61	0	61	6479.19	162
	Feb 2019	30	0	56	0	56	6473.90	136
	Mar 2019	48	0	63	0	63	6470.40	121
	Apr 2019	75	1	69	0	69	6471.68	126
	May 2019	125	1	77	0	77	6481.15	173
	Jun 2019	255	2	103	19	122	6500.68	304
	Jul 2019	165	3	101	31	132	6504.57	334
	Aug 2019	67	2	69	0	69	6504.01	330
	Sep 2019	42	2	36	29	65	6500.73	304
	WY 2019	**957**	**15**	**801**	**100**	**901**		
	Oct 2019	46	1	69	0	69	6497.45	280
	Nov 2019	41	1	67	0	67	6493.71	253
	Dec 2019	32	1	69	0	69	6488.04	215
	Jan 2020	30	1	69	0	69	6481.63	176
	Feb 2020	28	1	65	0	65	6474.31	138
	Mar 2020	53	0	74	0	74	6469.43	117
	Apr 2020	85	1	77	0	77	6471.18	124
	May 2020	164	1	99	18	117	6480.54	170
	Jun 2020	299	2	102	70	173	6499.40	294
	Jul 2020	178	3	102	40	141	6503.75	328
	Aug 2020	77	2	98	0	98	6500.63	304
	Sep 2020	46	2	20	75	95	6493.61	253
	WY 2020	**1078**	**15**	**912**	**203**	**1115**		
	Oct 2020	49	1	98	0	98	6485.94	202

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3080

Processed On: 11/14/2018 9:13:23AM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

November 2018 24-Month Study

Most Probable Inflow*

Flaming Gorge Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	Nov 2017	82	98	4	139	0	139	138	6032.07	3430	166
H	Dec 2017	52	86	2	174	0	174	135	6029.85	3343	197
I	Jan 2018	52	90	2	175	0	175	131	6027.65	3259	208
S	Feb 2018	57	91	2	155	1	157	129	6025.91	3194	197
T	Mar 2018	86	99	3	106	0	106	128	6025.65	3184	178
O	Apr 2018	121	108	5	101	0	101	128	6025.69	3186	277
R	May 2018	422	290	8	163	6	169	133	6028.57	3294	572
I	Jun 2018	435	401	11	125	0	125	143	6035.09	3550	278
C	Jul 2018	140	102	14	120	0	120	142	6034.33	3519	141
A	Aug 2018	42	68	13	124	0	124	139	6032.67	3453	142
L	Sep 2018	17	52	11	119	0	119	136	6030.75	3378	132
	WY 2018	**1594**	**1580**	**82**	**1608**	**7**	**1616**				**2638**
*	Oct 2018	54	77	7	99	0	99	135	6030.03	3350	131
	Nov 2018	48	65	4	89	0	89	134	6029.32	3323	112
	Dec 2018	34	62	2	123	0	123	131	6027.75	3263	146
	Jan 2019	39	68	2	123	0	123	129	6026.32	3209	143
	Feb 2019	45	71	2	111	0	111	128	6025.21	3168	130
	Mar 2019	95	110	3	92	0	92	128	6025.60	3182	152
	Apr 2019	125	119	5	89	0	89	129	6026.24	3206	239
	May 2019	160	112	8	111	0	111	129	6026.07	3200	551
	Jun 2019	290	157	10	167	0	167	128	6025.55	3181	592
	Jul 2019	185	152	13	85	0	85	130	6026.92	3232	153
	Aug 2019	76	78	12	105	0	105	129	6025.93	3195	123
	Sep 2019	48	71	11	101	0	101	127	6024.88	3156	115
	WY 2019	**1199**	**1142**	**79**	**1295**	**0**	**1295**				**2588**
	Oct 2019	54	77	7	61	0	61	127	6025.10	3164	88
	Nov 2019	49	75	3	60	0	60	128	6025.42	3176	88
	Dec 2019	35	72	2	105	0	105	126	6024.52	3143	130
	Jan 2020	40	79	2	105	0	105	125	6023.82	3117	130
	Feb 2020	45	82	2	98	0	98	125	6023.33	3099	126
	Mar 2020	102	124	3	68	0	68	127	6024.72	3150	144
	Apr 2020	134	125	5	65	0	65	129	6026.15	3203	281
	May 2020	245	198	8	213	0	213	128	6025.57	3181	745
	Jun 2020	390	263	10	119	0	119	133	6028.98	3310	539
	Jul 2020	210	174	14	123	0	123	135	6029.92	3346	223
	Aug 2020	89	111	13	123	0	123	134	6029.29	3322	148
	Sep 2020	55	104	11	119	0	119	133	6028.64	3297	138
	WY 2020	**1447**	**1484**	**79**	**1258**	**0**	**1258**				**2780**
	Oct 2020	59	109	7	123	0	123	132	6028.10	3276	155

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3080

Processed On: 11/14/2018 9:13:23AM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

November 2018 24-Month Study

Most Probable Inflow*

Taylor Park Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Nov 2017	6	6	9315.09	78
H	Dec 2017	4	6	9313.84	76
I	Jan 2018	4	6	9312.64	74
S	Feb 2018	4	6	9311.50	72
T	Mar 2018	5	6	9310.51	71
O	Apr 2018	8	7	9311.18	72
R	May 2018	24	12	9318.33	84
I	Jun 2018	13	15	9317.29	82
C	Jul 2018	5	14	9311.71	73
A	Aug 2018	3	13	9305.51	63
L	Sep 2018	3	8	9301.71	58
	WY 2018	**88**	**108**		
*	Oct 2018	5	3	9302.60	59
	Nov 2018	4	3	9302.95	59
	Dec 2018	3	3	9302.88	59
	Jan 2019	3	3	9302.81	59
	Feb 2019	2	3	9302.25	58
	Mar 2019	3	3	9302.18	58
	Apr 2019	5	3	9303.58	60
	May 2019	21	10	9310.79	71
	Jun 2019	34	15	9321.75	90
	Jul 2019	14	18	9319.57	86
	Aug 2019	7	15	9315.02	78
	Sep 2019	6	13	9310.79	71
	WY 2019	**106**	**92**		
	Oct 2019	6	6	9310.69	71
	Nov 2019	5	5	9310.53	71
	Dec 2019	5	5	9310.20	70
	Jan 2020	4	5	9309.66	69
	Feb 2020	4	5	9308.97	68
	Mar 2020	4	8	9306.65	65
	Apr 2020	9	8	9307.15	65
	May 2020	28	30	9306.02	64
	Jun 2020	42	30	9313.42	75
	Jul 2020	20	10	9319.26	86
	Aug 2020	10	8	9320.53	88
	Sep 2020	7	8	9320.18	87
	WY 2020	**144**	**128**		
	Oct 2020	7	6	9320.54	88

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3080

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

November 2018 24-Month Study

Most Probable Inflow*

Blue Mesa Reservoir

	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Nov 2017	32	32	0	40	0	40	7499.68	659
H	Dec 2017	25	27	0	93	0	93	7491.44	593
I	Jan 2018	20	22	0	60	0	60	7486.51	554
S	Feb 2018	23	25	0	32	0	32	7485.54	547
T	Mar 2018	28	29	0	43	0	43	7483.73	534
O	Apr 2018	48	47	1	82	0	82	7478.94	498
R	May 2018	112	100	1	85	0	85	7480.90	513
I	Jun 2018	56	57	1	98	0	98	7475.06	471
C	Jul 2018	21	31	1	101	0	101	7464.43	399
A	Aug 2018	19	28	1	93	0	93	7453.77	334
L	Sep 2018	12	17	1	30	39	68	7444.44	282
	WY 2018	**433**	**453**	**7**	**856**	**39**	**895**		
*	Oct 2018	23	22	0	46	11	56	7437.59	248
	Nov 2018	20	20	0	21	0	21	7437.22	246
	Dec 2018	17	17	0	17	0	17	7437.16	246
	Jan 2019	15	15	0	15	0	15	7437.10	245
	Feb 2019	13	14	0	15	0	15	7436.75	244
	Mar 2019	24	24	0	18	0	18	7438.03	250
	Apr 2019	57	55	0	41	0	41	7440.85	264
	May 2019	165	154	1	158	0	158	7439.82	259
	Jun 2019	220	201	1	81	0	81	7461.00	377
	Jul 2019	88	92	1	68	0	68	7464.56	400
	Aug 2019	46	54	1	75	0	75	7461.04	378
	Sep 2019	35	42	1	68	0	68	7456.60	351
	WY 2019	**723**	**709**	**6**	**625**	**11**	**635**		
	Oct 2019	36	36	0	42	0	42	7455.52	344
	Nov 2019	30	31	0	13	0	13	7458.35	361
	Dec 2019	26	26	0	14	0	14	7460.40	374
	Jan 2020	24	25	0	13	0	13	7462.27	385
	Feb 2020	22	23	0	13	0	13	7463.96	396
	Mar 2020	36	40	0	0	14	14	7467.80	421
	Apr 2020	77	76	1	0	36	36	7473.65	461
	May 2020	221	223	1	6	189	195	7477.40	487
	Jun 2020	261	249	1	24	0	24	7505.98	711
	Jul 2020	117	107	2	62	0	62	7510.97	754
	Aug 2020	63	61	1	71	0	71	7509.65	743
	Sep 2020	38	39	1	66	0	66	7506.40	715
	WY 2020	**952**	**936**	**8**	**325**	**240**	**564**		
	Oct 2020	38	38	1	56	0	56	7504.17	696

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Model Run ID: 3080

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

November 2018 24-Month Study

Most Probable Inflow*

Morrow Point Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Nov 2017	34	40	1	41	42	0	42	7152.45	111
H	Dec 2017	26	93	1	94	94	0	94	7152.45	111
I	Jan 2018	22	60	2	62	62	0	63	7150.65	110
S	Feb 2018	24	32	1	33	34	0	34	7149.19	108
T	Mar 2018	29	43	1	44	49	0	49	7143.05	104
O	Apr 2018	54	82	6	87	79	0	79	7154.30	112
R	May 2018	121	85	8	94	94	0	94	7153.76	112
I	Jun 2018	57	98	2	99	99	0	99	7154.16	112
C	Jul 2018	22	101	1	102	101	0	101	7155.49	113
A	Aug 2018	19	93	0	93	94	0	94	7153.96	112
L	Sep 2018	14	68	2	70	84	0	84	7135.77	98
	WY 2018	**460**	**895**	**27**	**922**	**935**	**0**	**937**		
*	Oct 2018	24	56	1	57	56	0	56	7136.92	99
	Nov 2018	21	21	1	22	9	0	9	7153.73	112
	Dec 2018	18	17	1	18	18	0	18	7153.73	112
	Jan 2019	17	15	2	17	17	0	17	7153.73	112
	Feb 2019	14	15	1	16	16	0	16	7153.73	112
	Mar 2019	27	18	3	21	21	0	21	7153.73	112
	Apr 2019	65	41	8	49	49	0	49	7153.73	112
	May 2019	178	158	13	171	171	0	171	7153.73	112
	Jun 2019	235	81	15	96	96	0	96	7153.73	112
	Jul 2019	92	68	4	72	72	0	72	7153.73	112
	Aug 2019	47	75	1	76	76	0	76	7153.73	112
	Sep 2019	36	68	1	69	69	0	69	7153.73	112
	WY 2019	**774**	**635**	**51**	**686**	**673**	**0**	**673**		
	Oct 2019	38	42	1	44	44	0	44	7153.73	112
	Nov 2019	32	13	2	15	15	0	15	7153.73	112
	Dec 2019	28	14	2	16	16	0	16	7153.73	112
	Jan 2020	27	13	2	16	16	0	16	7153.73	112
	Feb 2020	25	13	3	15	15	0	15	7153.73	112
	Mar 2020	40	14	4	18	18	0	18	7153.73	112
	Apr 2020	88	36	11	47	47	0	47	7153.73	112
	May 2020	247	195	26	221	221	0	221	7153.73	112
	Jun 2020	281	24	20	44	44	0	44	7153.73	112
	Jul 2020	123	62	6	69	69	0	69	7153.73	112
	Aug 2020	67	71	3	75	75	0	75	7153.73	112
	Sep 2020	41	66	3	68	68	0	68	7153.73	112
	WY 2020	**1036**	**564**	**84**	**648**	**648**	**0**	**648**		
	Oct 2020	41	56	3	58	58	0	58	7153.73	112

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

November 2018 24-Month Study

Most Probable Inflow*

Crystal Reservoir

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
*	Nov 2017	38	42	4	46	46	0	46	6749.89	16	1	46
H	Dec 2017	29	94	3	97	97	0	97	6749.23	16	1	98
I	Jan 2018	25	63	3	66	62	4	66	6747.99	16	1	65
S	Feb 2018	27	34	3	37	16	20	36	6750.06	16	0	34
T	Mar 2018	33	49	4	52	53	0	53	6747.97	16	13	38
O	Apr 2018	60	79	6	84	84	0	84	6749.35	16	53	28
R	May 2018	129	94	9	102	102	0	102	6749.41	16	62	39
I	Jun 2018	61	99	3	102	102	0	102	6750.48	16	63	42
C	Jul 2018	24	101	2	103	103	0	103	6750.59	16	64	41
A	Aug 2018	21	94	2	96	98	0	98	6744.83	15	65	36
L	Sep 2018	15	84	1	85	87	0	87	6737.22	13	59	33
	WY 2018	**505**	**937**	**45**	**982**	**959**	**26**	**985**			**438**	**553**
*	Oct 2018	27	56	3	59	55	0	55	6751.87	17	33	24
	Nov 2018	24	9	3	12	12	0	12	6753.04	17	0	12
	Dec 2018	20	18	2	20	20	0	20	6753.04	17	0	20
	Jan 2019	20	17	3	20	20	0	20	6753.04	17	0	20
	Feb 2019	16	16	2	18	18	0	18	6753.04	17	0	18
	Mar 2019	31	21	4	25	25	0	25	6753.04	17	5	20
	Apr 2019	73	49	8	57	57	0	57	6753.04	17	42	15
	May 2019	200	171	22	193	134	59	193	6753.04	17	62	131
	Jun 2019	270	96	35	131	130	1	131	6753.04	17	61	70
	Jul 2019	102	72	10	82	82	0	82	6753.04	17	65	17
	Aug 2019	53	76	6	82	82	0	82	6753.04	17	65	17
	Sep 2019	41	69	5	74	74	0	74	6753.04	17	55	19
	WY 2019	**877**	**673**	**103**	**776**	**710**	**61**	**771**			**388**	**386**
	Oct 2019	43	44	5	49	49	0	49	6753.04	17	30	19
	Nov 2019	37	15	4	20	20	0	20	6753.04	17	0	20
	Dec 2019	32	16	5	20	20	0	20	6753.04	17	0	20
	Jan 2020	31	16	5	20	20	0	20	6753.04	17	0	20
	Feb 2020	29	15	4	19	0	19	19	6753.04	17	0	19
	Mar 2020	46	18	6	25	25	0	25	6753.04	17	5	20
	Apr 2020	101	47	12	60	60	0	60	6753.04	17	42	18
	May 2020	281	221	34	256	134	121	256	6753.04	17	62	194
	Jun 2020	315	44	34	78	78	0	78	6753.04	17	61	17
	Jul 2020	138	69	14	83	83	0	83	6753.04	17	65	18
	Aug 2020	75	75	8	83	83	0	83	6753.04	17	65	18
	Sep 2020	47	68	6	74	74	0	74	6753.04	17	55	19
	WY 2020	**1175**	**648**	**139**	**786**	**646**	**140**	**786**			**385**	**401**
	Oct 2020	47	58	6	65	65	0	65	6753.04	17	30	35

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3080

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

November 2018 24-Month Study

Most Probable Inflow*

Vallecito Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Nov 2017	5	2	7639.49	63
H	Dec 2017	3	1	7640.27	65
I	Jan 2018	3	0	7641.42	67
S	Feb 2018	3	0	7642.57	70
T	Mar 2018	4	0	7644.11	73
O	Apr 2018	15	3	7649.29	85
R	May 2018	30	31	7648.91	84
I	Jun 2018	14	35	7639.22	63
C	Jul 2018	8	35	7624.15	35
A	Aug 2018	5	19	7613.87	22
L	Sep 2018	3	4	7613.06	21
	WY 2018	**102**	**153**		
*	Oct 2018	9	3	7617.56	26
	Nov 2018	6	1	7621.10	31
	Dec 2018	4	0	7623.24	34
	Jan 2019	3	0	7624.93	36
	Feb 2019	2	0	7625.94	38
	Mar 2019	4	0	7628.05	41
	Apr 2019	15	0	7635.87	56
	May 2019	45	31	7642.55	70
	Jun 2019	61	43	7650.24	88
	Jul 2019	25	42	7642.87	70
	Aug 2019	16	38	7631.96	48
	Sep 2019	14	30	7622.38	32
	WY 2019	**203**	**189**		
	Oct 2019	14	17	7619.68	29
	Nov 2019	8	2	7623.66	34
	Dec 2019	6	2	7626.50	39
	Jan 2020	5	2	7628.58	42
	Feb 2020	5	2	7630.26	45
	Mar 2020	9	2	7633.84	52
	Apr 2020	23	2	7644.03	73
	May 2020	71	31	7660.29	113
	Jun 2020	70	58	7664.83	125
	Jul 2020	29	41	7659.94	112
	Aug 2020	20	38	7652.71	94
	Sep 2020	17	29	7647.67	81
	WY 2020	**278**	**226**		
	Oct 2020	16	16	7647.23	80

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

November 2018 24-Month Study

Most Probable Inflow*

Navajo Reservoir

	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azetea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Farmington Flow (1000 Ac-Ft)
*	Nov 2017	19	0	16	1	0	26	6055.04	1286	41
H	Dec 2017	11	0	9	1	0	25	6053.69	1270	40
I	Jan 2018	12	0	9	1	0	23	6052.47	1255	40
S	Feb 2018	13	0	11	1	1	17	6051.73	1246	33
T	Mar 2018	24	2	19	2	6	21	6050.92	1236	30
O	Apr 2018	70	13	46	2	20	38	6049.73	1222	42
R	May 2018	88	16	71	3	36	32	6049.80	1223	69
I	Jun 2018	6	3	24	4	42	42	6044.23	1159	49
C	Jul 2018	-9	0	18	4	42	51	6036.94	1080	53
A	Aug 2018	-7	0	7	3	42	51	6028.27	991	48
L	Sep 2018	2	0	3	2	27	46	6020.80	919	42
	WY 2018	**268**	**36**	**283**	**24**	**224**	**405**			**540**
*	Oct 2018	23	1	16	1	7	31	6018.35	897	40
	Nov 2018	19	1	13	1	0	19	6017.65	890	29
	Dec 2018	15	0	12	0	0	19	6016.81	882	27
	Jan 2019	14	0	11	0	0	21	6015.75	873	28
	Feb 2019	17	0	15	1	0	16	6015.57	871	22
	Mar 2019	46	0	42	1	5	15	6017.83	892	27
	Apr 2019	95	2	79	2	21	15	6022.25	933	45
	May 2019	185	9	161	3	36	22	6032.55	1034	122
	Jun 2019	178	23	137	3	52	21	6038.37	1095	137
	Jul 2019	42	22	37	4	57	22	6034.08	1050	71
	Aug 2019	32	1	52	3	48	25	6031.79	1027	54
	Sep 2019	32	1	47	2	26	21	6031.49	1024	44
	WY 2019	**698**	**60**	**623**	**21**	**251**	**246**			**645**
	Oct 2019	39	2	40	1	10	22	6032.25	1031	44
	Nov 2019	31	1	24	1	0	21	6032.48	1034	37
	Dec 2019	25	0	20	1	0	22	6032.32	1032	37
	Jan 2020	22	0	18	1	0	22	6031.96	1028	35
	Feb 2020	30	0	27	1	0	20	6032.58	1035	33
	Mar 2020	92	0	85	1	6	22	6038.02	1092	44
	Apr 2020	170	9	140	2	22	21	6046.69	1187	73
	May 2020	277	21	216	3	36	22	6059.56	1342	168
	Jun 2020	224	37	174	4	53	28	6066.42	1432	179
	Jul 2020	66	29	50	5	57	31	6063.21	1389	98
	Aug 2020	45	5	58	4	48	31	6061.36	1365	69
	Sep 2020	43	2	53	3	26	30	6060.94	1360	62
	WY 2020	**1064**	**105**	**907**	**26**	**257**	**288**			**879**
	Oct 2020	47	2	46	2	0	31	6061.98	1373	59

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

November 2018 24-Month Study

Most Probable Inflow*

Lake Powell

	Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry Gage (1000 Ac-Ft)
*	Nov 2017	387	454	37	630	0	630	3625.29	5200	14332	619
H	Dec 2017	299	483	29	740	0	740	3622.85	5179	14068	733
I	Jan 2018	262	442	9	860	0	860	3619.14	5147	13672	861
S	Feb 2018	269	387	10	730	0	730	3616.02	5121	13346	750
T	Mar 2018	332	395	16	800	0	800	3612.23	5090	12956	835
O	Apr 2018	382	419	25	705	0	705	3609.39	5067	12669	738
R	May 2018	1214	968	29	705	0	705	3611.54	5085	12886	730
I	Jun 2018	883	635	45	760	0	760	3609.98	5072	12728	781
C	Jul 2018	123	252	53	860	0	860	3603.80	5023	12116	877
A	Aug 2018	11	260	50	900	0	900	3597.12	4972	11477	911
L	Sep 2018	1	230	45	670	0	670	3592.28	4936	11028	690
	WY 2018	**4612**	**5459**	**386**	**9000**	**0**	**9000**				**9158**
*	Oct 2018	351	477	30	625	0	625	3590.46	4923	10862	650
	Nov 2018	320	350	29	657	0	657	3587.00	4898	10551	657
	Dec 2018	250	343	23	740	0	740	3582.59	4867	10163	745
	Jan 2019	235	326	7	860	0	860	3576.74	4827	9662	871
	Feb 2019	270	338	7	740	0	740	3572.17	4796	9284	744
	Mar 2019	445	411	11	765	0	765	3567.98	4769	8945	770
	Apr 2019	690	580	18	670	0	670	3566.73	4761	8845	678
	May 2019	1400	1226	21	670	0	670	3572.86	4801	9340	676
	Jun 2019	2070	1726	36	740	0	740	3583.24	4871	10220	748
	Jul 2019	760	699	44	835	0	835	3581.32	4858	10053	854
	Aug 2019	370	470	43	900	0	900	3576.17	4823	9615	918
	Sep 2019	340	443	39	650	0	650	3573.43	4805	9387	661
	WY 2019	**7501**	**7388**	**308**	**8853**	**0**	**8853**				**8972**
	Oct 2019	455	463	27	480	0	480	3572.94	4801	9347	486
	Nov 2019	447	431	26	500	0	500	3571.88	4794	9260	500
	Dec 2019	363	417	20	600	0	600	3569.55	4779	9071	605
	Jan 2020	361	414	6	720	0	720	3565.93	4756	8782	731
	Feb 2020	393	426	6	640	0	640	3563.33	4740	8579	644
	Mar 2020	665	544	11	675	0	675	3561.63	4729	8448	680
	Apr 2020	1056	827	17	600	0	600	3564.14	4745	8642	608
	May 2020	2343	2087	22	600	0	600	3580.69	4854	9998	606
	Jun 2020	2666	2052	38	630	0	630	3595.00	4956	11279	638
	Jul 2020	1091	999	49	710	0	710	3597.38	4974	11502	729
	Aug 2020	500	580	49	760	0	760	3595.12	4957	11291	778
	Sep 2020	408	514	45	565	0	565	3594.17	4950	11202	576
	WY 2020	**10747**	**9756**	**315**	**7480**	**0**	**7480**				**7580**
	Oct 2020	512	579	31	640	0	640	3593.25	4943	11117	646

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

November 2018 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Glen Release (1000 Ac-Ft)	Side Inflow Glen to Hoover (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Nov 2017	630	40	42	731	12.3	16	731	656	1080.95	10090
H	Dec 2017	740	43	37	594	9.7	12	593	664	1082.52	10221
I	Jan 2018	860	78	30	449	7.3	10	448	692	1087.50	10642
S	Feb 2018	730	60	28	687	12.4	10	693	696	1088.21	10703
T	Mar 2018	800	70	32	833	13.5	14	832	695	1088.11	10694
O	Apr 2018	705	43	39	1015	17.1	21	1015	675	1084.49	10387
R	May 2018	705	21	44	1055	17.1	27	1054	651	1080.00	10011
I	Jun 2018	760	27	53	986	16.6	28	985	634	1076.81	9748
C	Jul 2018	860	106	65	820	13.3	27	819	637	1077.43	9799
A	Aug 2018	900	74	70	749	12.2	28	748	645	1078.88	9918
L	Sep 2018	670	86	58	725	12.2	26	724	642	1078.29	9870
	WY 2018	**9000**	**692**	**541**	**9240**		**243**	**9237**			
*	Oct 2018	625	101	42	641	10.4	23	634	643	1078.52	9889
	Nov 2018	657	61	42	693	11.6	24	693	640	1078.05	9850
	Dec 2018	740	50	36	454	7.4	17	454	657	1081.25	10115
	Jan 2019	860	78	30	618	10.0	12	618	674	1084.36	10375
	Feb 2019	740	93	28	684	12.3	14	684	681	1085.55	10476
	Mar 2019	765	56	31	1054	17.1	21	1054	664	1082.37	10208
	Apr 2019	670	48	38	1058	17.8	23	1058	639	1077.82	9831
	May 2019	670	31	43	966	15.7	27	966	619	1073.96	9516
	Jun 2019	740	12	51	907	15.2	33	907	604	1071.16	9292
	Jul 2019	835	81	64	825	13.4	36	825	603	1071.06	9284
	Aug 2019	900	112	68	739	12.0	34	739	614	1073.06	9444
	Sep 2019	650	105	56	733	12.3	27	733	610	1072.35	9387
	WY 2019	**8853**	**828**	**530**	**9372**		**292**	**9365**			
	Oct 2019	480	69	41	509	8.3	28	509	608	1072.00	9359
	Nov 2019	500	61	41	669	11.2	21	669	598	1070.01	9200
	Dec 2019	600	50	35	593	9.6	14	593	598	1070.10	9208
	Jan 2020	720	78	29	607	9.9	14	607	608	1071.85	9347
	Feb 2020	640	93	26	663	11.5	17	663	609	1072.16	9372
	Mar 2020	675	56	29	988	16.1	22	988	590	1068.53	9083
	Apr 2020	600	48	36	997	16.8	25	997	565	1063.59	8697
	May 2020	600	31	40	917	14.9	31	917	544	1059.20	8362
	Jun 2020	630	12	48	929	15.6	31	929	521	1054.60	8019
	Jul 2020	710	81	59	813	13.2	31	813	514	1053.18	7914
	Aug 2020	760	112	62	773	12.6	28	773	515	1053.29	7922
	Sep 2020	565	105	51	701	11.8	25	701	508	1051.92	7822
	WY 2020	**7480**	**796**	**498**	**9160**		**285**	**9160**			
	Oct 2020	640	69	37	473	7.7	25	473	519	1054.14	7985

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

November 2018 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Nov 2017	731	-18	11	595	0	595	10.0	640.07	1619
H	Dec 2017	594	-16	9	552	0	552	9.0	640.68	1636
I	Jan 2018	449	2	10	437	0	437	7.1	640.86	1641
S	Feb 2018	687	-4	10	611	0	611	11.0	643.18	1704
T	Mar 2018	833	-1	13	836	0	836	13.6	642.57	1687
O	Apr 2018	1015	-3	17	1001	0	1001	16.8	642.40	1682
R	May 2018	1055	-11	22	1001	0	1001	16.3	643.17	1703
I	Jun 2018	986	-21	26	909	0	909	15.3	644.29	1734
C	Jul 2018	820	-6	26	827	0	827	13.4	642.91	1696
A	Aug 2018	749	-13	23	730	0	730	11.9	642.29	1679
L	Sep 2018	725	-11	18	814	0	814	13.7	637.87	1561
	WY 2018	**9240**	**-103**	**198**	**8981**	**0**	**8981**			
*	Oct 2018	641	-11	15	635	0	635	10.3	637.08	1540
	Nov 2018	693	-12	11	627	0	627	10.5	638.70	1583
	Dec 2018	454	-12	9	433	0	433	7.0	638.70	1583
	Jan 2019	618	-19	10	506	0	506	8.2	641.80	1666
	Feb 2019	684	-15	10	659	0	659	11.9	641.80	1666
	Mar 2019	1054	-17	13	990	0	990	16.1	643.05	1700
	Apr 2019	1058	-20	17	1023	0	1023	17.2	643.00	1699
	May 2019	966	-12	22	932	0	932	15.2	643.00	1699
	Jun 2019	907	-15	25	866	0	866	14.6	643.00	1699
	Jul 2019	825	-15	25	811	0	811	13.2	642.00	1671
	Aug 2019	739	-12	23	705	0	705	11.5	642.00	1671
	Sep 2019	733	-12	18	756	0	756	12.7	640.01	1618
	WY 2019	**9372**	**-174**	**198**	**8943**	**0**	**8943**			
	Oct 2019	509	-4	15	674	0	674	11.0	633.00	1434
	Nov 2019	669	-12	10	595	0	595	10.0	635.00	1486
	Dec 2019	593	-12	9	475	0	475	7.7	638.71	1583
	Jan 2020	607	-19	10	496	0	496	8.1	641.80	1666
	Feb 2020	663	-15	10	638	0	638	11.1	641.80	1666
	Mar 2020	988	-17	13	923	0	923	15.0	643.05	1700
	Apr 2020	997	-20	17	962	0	962	16.2	643.00	1699
	May 2020	917	-12	22	882	0	882	14.3	643.00	1699
	Jun 2020	929	-15	25	889	0	889	14.9	643.00	1699
	Jul 2020	813	-15	25	800	0	800	13.0	642.00	1671
	Aug 2020	773	-12	23	739	0	739	12.0	642.00	1671
	Sep 2020	701	-12	18	724	0	724	12.2	640.01	1618
	WY 2020	**9160**	**-166**	**197**	**8796**	**0**	**8796**			
	Oct 2020	473	-4	15	637	0	637	10.4	633.00	1434

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

November 2018 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	Nov 2017	595	12	9	349	5.9	89	127	447.86	577	99	1.7
H	Dec 2017	552	17	7	335	5.5	100	144	446.80	557	109	1.8
I	Jan 2018	437	3	6	329	5.3	29	90	445.81	539	125	2.0
S	Feb 2018	611	3	8	429	7.7	12	109	448.52	590	145	2.6
T	Mar 2018	836	-3	9	637	10.4	61	139	447.46	570	195	3.2
O	Apr 2018	1001	-8	11	735	12.4	75	168	447.13	564	175	2.9
R	May 2018	1001	10	13	697	11.3	87	178	448.51	590	124	2.0
I	Jun 2018	909	6	15	712	12.0	91	88	448.43	588	136	2.3
C	Jul 2018	827	20	17	656	10.7	101	72	448.00	580	133	2.2
A	Aug 2018	730	21	17	611	9.9	99	22	447.53	571	104	1.7
L	Sep 2018	814	10	15	512	8.6	95	164	448.95	598	94	1.6
	WY 2018	**8981**	**100**	**139**	**6479**		**910**	**1431**			**1504**	
*	Oct 2018	635	22	12	394	6.4	86	176	448.12	582	68	1.1
	Nov 2018	627	16	9	383	6.4	82	176	447.50	571	97	1.6
	Dec 2018	433	18	7	299	4.9	39	121	446.50	552	104	1.7
	Jan 2019	506	21	6	318	5.2	78	120	446.50	552	138	2.2
	Feb 2019	659	11	8	485	8.7	51	120	446.50	552	160	2.9
	Mar 2019	990	7	9	718	11.7	69	188	446.70	555	198	3.2
	Apr 2019	1023	16	11	710	11.9	88	183	448.70	593	175	2.9
	May 2019	932	15	13	642	10.4	90	188	448.70	593	104	1.7
	Jun 2019	866	13	16	683	11.5	88	78	448.70	593	105	1.8
	Jul 2019	811	21	17	647	10.5	90	78	448.00	580	111	1.8
	Aug 2019	705	23	17	589	9.6	90	29	447.50	571	100	1.6
	Sep 2019	756	17	15	509	8.6	88	152	447.50	570	89	1.5
	WY 2019	**8943**	**199**	**140**	**6377**		**941**	**1609**			**1449**	
	Oct 2019	674	23	12	490	8.0	48	140	447.50	571	74	1.2
	Nov 2019	595	16	9	408	6.9	48	140	447.50	571	116	1.9
	Dec 2019	475	18	7	313	5.1	48	140	446.50	552	131	2.1
	Jan 2020	496	21	6	313	5.1	87	106	446.50	552	134	2.2
	Feb 2020	638	11	8	479	8.3	57	100	446.50	552	155	2.7
	Mar 2020	923	7	9	708	11.5	77	125	446.70	555	191	3.1
	Apr 2020	962	16	11	699	11.7	97	125	448.70	593	168	2.8
	May 2020	882	15	13	635	10.3	99	137	448.70	593	100	1.6
	Jun 2020	889	13	16	675	11.3	97	100	448.70	593	102	1.7
	Jul 2020	800	21	17	642	10.4	99	62	448.00	580	107	1.7
	Aug 2020	739	23	17	587	9.5	99	56	447.50	571	97	1.6
	Sep 2020	724	17	15	507	8.5	97	112	447.50	570	86	1.5
	WY 2020	**8796**	**200**	**139**	**6455**		**955**	**1342**			**1460**	
	Oct 2020	637	23	12	475	7.7	54	112	447.50	571	71	1.2

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

November 2018 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Nov 2017	731	12.3	1080.95	10090	-113	435.01	996.0	287.9	63	393.6
H	Dec 2017	594	9.7	1082.52	10221	131	439.05	821.0	235.7	52	396.6
I	Jan 2018	449	7.3	1087.50	10642	421	442.14	834.0	176.5	51	392.9
S	Feb 2018	687	12.4	1088.21	10703	61	441.97	1220.1	275.0	75	400.3
T	Mar 2018	833	13.5	1088.11	10694	-9	442.23	1005.9	333.9	62	400.8
O	Apr 2018	1015	17.1	1084.49	10387	-308	437.15	880.9	406.2	55	400.0
R	May 2018	1055	17.1	1080.00	10011	-376	432.39	1385.9	412.1	88	390.8
I	Jun 2018	986	16.6	1076.81	9748	-263	428.91	1552.0	378.6	100	384.1
C	Jul 2018	820	13.3	1077.43	9799	51	432.34	1552.0	313.2	100	382.0
A	Aug 2018	749	12.2	1078.88	9918	119	435.01	1562.0	287.4	100	383.8
L	Sep 2018	725	12.2	1078.29	9870	-49	434.15	1562.0	278.7	100	384.7
	WY 2018	**9240**							**3614.3**		
*	Oct 2018	641	10.4	1078.52	9889	19	435.29	1406.1	247.8	87	386.7
	Nov 2018	693	11.6	1078.05	9850	-39	433.65	755.0	277.9	49	401.0
	Dec 2018	454	7.4	1081.25	10115	265	433.17	950.0	177.5	61	390.5
	Jan 2019	618	10.0	1084.36	10375	261	435.09	999.0	243.8	63	394.6
	Feb 2019	684	12.3	1085.55	10476	101	436.20	1006.1	273.5	63	400.1
	Mar 2019	1054	17.1	1082.37	10208	-268	434.74	1000.0	425.7	63	403.8
	Apr 2019	1058	17.8	1077.82	9831	-377	430.91	925.9	428.0	60	404.5
	May 2019	966	15.7	1073.96	9516	-315	426.74	913.0	384.5	60	397.9
	Jun 2019	907	15.2	1071.16	9292	-225	419.15	1512.0	343.2	100	378.6
	Jul 2019	825	13.4	1071.06	9284	-8	418.04	1512.0	313.9	100	380.6
	Aug 2019	739	12.0	1073.06	9444	160	419.31	1528.0	279.1	100	377.5
	Sep 2019	733	12.3	1072.35	9387	-57	420.59	1528.0	278.2	100	379.6
	WY 2019	**9372**							**3673.2**		
	Oct 2019	509	8.3	1072.00	9359	-28	423.65	1326.9	195.9	88	384.6
	Nov 2019	669	11.2	1070.01	9200	-159	427.60	919.0	259.9	61	388.6
	Dec 2019	593	9.6	1070.10	9208	7	424.41	972.0	227.3	65	383.2
	Jan 2020	607	9.9	1071.85	9347	139	422.86	1025.0	232.3	67	382.5
	Feb 2020	663	11.5	1072.16	9372	25	422.59	1067.0	254.1	70	383.2
	Mar 2020	988	16.1	1068.53	9083	-289	421.20	952.1	382.5	63	387.3
	Apr 2020	997	16.8	1063.59	8697	-385	416.95	878.6	386.7	60	387.7
	May 2020	917	14.9	1059.20	8362	-335	412.32	865.1	349.6	60	381.3
	Jun 2020	929	15.6	1054.60	8019	-343	403.65	1421.9	338.9	100	364.7
	Jul 2020	813	13.2	1053.18	7914	-105	400.99	1413.8	295.8	100	363.8
	Aug 2020	773	12.6	1053.29	7922	8	400.67	1414.5	279.8	100	361.8
	Sep 2020	701	11.8	1051.92	7822	-100	400.69	1406.7	251.9	100	359.5
	WY 2020	**9160**							**3454.7**		
	Oct 2020	473	7.7	1054.14	7985	163	404.67	1245.6	173.3	88	366.4

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

November 2018 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Nov 2017	595	10.0	640.07	1619	107	138.81	151.3	73.1	59	122.7
H	Dec 2017	552	9.0	640.68	1636	17	139.44	131.6	69.5	52	126.0
I	Jan 2018	437	7.1	640.86	1641	5	141.78	159.6	55.0	63	125.9
S	Feb 2018	611	11.0	643.18	1704	63	142.18	162.1	76.6	64	125.4
T	Mar 2018	836	13.6	642.57	1687	-17	139.99	189.2	105.4	74	126.1
O	Apr 2018	1001	16.8	642.40	1682	-5	141.14	207.4	125.1	81	125.0
R	May 2018	1001	16.3	643.17	1703	21	141.89	204.0	126.2	80	126.1
I	Jun 2018	909	15.3	644.29	1734	31	143.00	255.0	115.0	100	126.6
C	Jul 2018	827	13.4	642.91	1696	-38	141.79	255.0	105.3	100	127.4
A	Aug 2018	730	11.9	642.29	1679	-17	141.02	255.0	92.7	100	127.1
L	Sep 2018	814	13.7	637.87	1561	-119	136.59	255.0	101.2	100	124.3
	WY 2018	**8981**							**1126.3**		
*	Oct 2018	635	10.3	637.08	1540	-21	135.95	184.3	77.8	72	122.4
	Nov 2018	627	10.5	638.70	1583	43	133.68	158.1	76.6	62	122.2
	Dec 2018	433	7.0	638.70	1583	0	132.90	207.3	53.9	81	124.3
	Jan 2019	506	8.2	641.80	1666	83	134.32	213.9	63.3	84	125.2
	Feb 2019	659	11.9	641.80	1666	0	136.12	207.6	82.5	81	125.2
	Mar 2019	990	16.1	643.05	1700	34	136.76	207.3	123.1	81	124.4
	Apr 2019	1023	17.2	643.00	1699	-1	136.60	234.6	127.5	92	124.6
	May 2019	932	15.2	643.00	1699	0	136.04	255.0	116.7	100	125.2
	Jun 2019	866	14.6	643.00	1699	0	136.04	255.0	108.6	100	125.4
	Jul 2019	811	13.2	642.00	1671	-27	135.51	255.0	101.8	100	125.4
	Aug 2019	705	11.5	642.00	1671	0	134.99	255.0	88.5	100	125.5
	Sep 2019	756	12.7	640.01	1618	-54	133.94	255.0	93.9	100	124.2
	WY 2019	**8943**							**1114.1**		
	Oct 2019	674	11.0	633.00	1434	-183	131.28	185.9	81.4	73	120.8
	Nov 2019	595	10.0	635.00	1486	51	129.81	153.0	70.7	60	118.9
	Dec 2019	475	7.7	638.71	1583	97	131.17	200.7	58.1	79	122.3
	Jan 2020	496	8.1	641.80	1666	83	134.32	213.9	62.1	84	125.3
	Feb 2020	638	11.1	641.80	1666	0	136.12	207.6	80.1	81	125.5
	Mar 2020	923	15.0	643.05	1700	34	136.76	207.3	115.2	81	124.8
	Apr 2020	962	16.2	643.00	1699	-1	136.60	234.6	120.2	92	124.9
	May 2020	882	14.3	643.00	1699	0	136.04	255.0	110.7	100	125.5
	Jun 2020	889	14.9	643.00	1699	0	136.04	255.0	111.3	100	125.3
	Jul 2020	800	13.0	642.00	1671	-27	135.51	255.0	100.3	100	125.5
	Aug 2020	739	12.0	642.00	1671	0	134.99	255.0	92.6	100	125.4
	Sep 2020	724	12.2	640.01	1618	-54	133.94	255.0	90.0	100	124.4
	WY 2020	**8796**							**1092.8**		
	Oct 2020	637	10.4	633.00	1434	-183	131.28	185.9	77.1	73	121.0

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

November 2018 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Nov 2017	349	5.9	447.86	577	30	81.65	90.0	24.1	75	69.2
H	Dec 2017	335	5.5	446.80	557	-20	81.55	92.9	22.5	77	67.0
I	Jan 2018	329	5.3	445.81	539	-18	80.05	117.1	22.8	98	69.2
S	Feb 2018	429	7.7	448.52	590	50	81.30	92.1	30.3	77	70.6
T	Mar 2018	638	10.4	447.46	570	-20	81.79	102.6	44.9	85	70.4
O	Apr 2018	735	12.4	447.13	564	-6	81.11	120.0	50.8	100	69.1
R	May 2018	697	11.3	448.51	590	26	82.36	120.0	48.5	100	69.6
I	Jun 2018	712	12.0	448.43	588	-1	80.33	120.0	49.7	100	69.9
C	Jul 2018	656	10.7	448.00	580	-8	81.97	120.0	46.0	100	70.2
A	Aug 2018	611	9.9	447.53	571	-9	79.27	120.0	42.7	100	69.9
L	Sep 2018	512	8.6	448.95	598	27	83.02	120.0	35.9	100	70.1
	WY 2018	**6479**							**451.7**		
*	Oct 2018	394	6.4	448.12	582	-16	82.83	90.0	27.9	75	70.9
	Nov 2018	383	6.4	447.50	571	-12	76.44	93.0	25.0	78	65.4
	Dec 2018	299	4.9	446.50	552	-19	74.69	113.2	18.9	94	63.0
	Jan 2019	318	5.2	446.50	552	0	75.27	91.0	20.3	76	63.8
	Feb 2019	485	8.7	446.50	552	0	75.21	92.1	31.8	77	65.5
	Mar 2019	718	11.7	446.70	555	4	74.05	119.0	46.7	99	65.0
	Apr 2019	710	11.9	448.70	593	38	75.08	120.0	46.7	100	65.8
	May 2019	642	10.4	448.70	593	0	76.05	120.0	42.6	100	66.3
	Jun 2019	683	11.5	448.70	593	0	76.05	120.0	45.4	100	66.5
	Jul 2019	647	10.5	448.00	580	-13	75.71	120.0	42.7	100	66.1
	Aug 2019	589	9.6	447.50	571	-9	75.13	120.0	38.5	100	65.4
	Sep 2019	509	8.6	447.50	570	0	74.89	120.0	33.1	100	65.0
	WY 2019	**6377**							**419.7**		
	Oct 2019	490	8.0	447.50	571	0	76.29	90.0	32.4	75	66.1
	Nov 2019	408	6.9	447.50	571	0	76.14	93.0	26.7	78	65.5
	Dec 2019	313	5.1	446.50	552	-19	74.65	114.2	19.7	95	63.2
	Jan 2020	313	5.1	446.50	552	0	75.07	94.8	19.9	79	63.6
	Feb 2020	479	8.3	446.50	552	0	75.21	92.1	31.3	77	65.4
	Mar 2020	708	11.5	446.70	555	4	74.01	120.0	45.9	100	64.9
	Apr 2020	699	11.7	448.70	593	38	75.08	120.0	46.0	100	65.8
	May 2020	635	10.3	448.70	593	0	76.05	120.0	42.1	100	66.3
	Jun 2020	675	11.3	448.70	593	0	76.05	120.0	44.9	100	66.5
	Jul 2020	642	10.4	448.00	580	-13	75.71	120.0	42.4	100	66.0
	Aug 2020	587	9.5	447.50	571	-9	75.13	120.0	38.4	100	65.4
	Sep 2020	507	8.5	447.50	570	0	74.89	120.0	32.9	100	65.0
	WY 2020	**6455**							**422.7**		
	Oct 2020	475	7.7	447.50	571	0	76.29	90.0	31.4	75	66.0

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3080

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

November 2018 24-Month Study

Most Probable Inflow*

Upper Basin Power

	Date	Glen Canyon 1000 MWHR	Flaming Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Reservoir 1000 MWHR	Fontenelle Reservoir 1000 MWHR
*	Nov 2017	288	55	12	14	8	7
H	Dec 2017	339	68	27	33	19	6
I	Jan 2018	394	68	17	21	12	6
S	Feb 2018	335	60	9	12	3	5
T	Mar 2018	364	41	12	16	9	1
	Winter 2018	**2013**	**334**	**107**	**133**	**71**	**31**
O	Apr 2018	318	39	23	27	16	5
R	May 2018	318	63	23	33	20	7
I	Jun 2018	343	50	27	34	20	8
C	Jul 2018	384	48	27	36	20	8
A	Aug 2018	393	50	24	33	19	7
L	Sep 2018	288	47	8	29	16	1
	Summer 2018	**2045**	**297**	**133**	**193**	**111**	**36**
*	Oct 2018	268	39	11	19	9	4
	Nov 2018	254	33	5	3	2	5
	Dec 2018	283	45	4	7	4	5
	Jan 2019	326	45	4	6	4	5
	Feb 2019	277	41	4	6	3	4
	Mar 2019	284	34	4	7	4	4
	Winter 2019	**1691**	**236**	**33**	**48**	**26**	**26**
	Apr 2019	247	33	10	17	10	5
	May 2019	248	40	40	62	23	5
	Jun 2019	278	61	21	35	22	9
	Jul 2019	317	31	19	26	14	10
	Aug 2019	338	38	21	28	14	7
	Sep 2019	243	37	19	25	13	3
	Summer 2019	**1672**	**240**	**129**	**193**	**97**	**38**
	Oct 2019	179	22	11	16	9	6
	Nov 2019	185	22	4	5	3	6
	Dec 2019	222	38	4	6	4	6
	Jan 2020	265	38	4	6	4	5
	Feb 2020	233	36	3	5	0	5
	Mar 2020	245	25	0	7	4	5
	Winter 2020	**1330**	**180**	**26**	**45**	**23**	**33**
	Apr 2020	218	24	0	17	10	5
	May 2020	223	78	2	80	23	7
	Jun 2020	242	44	7	16	13	9
	Jul 2020	277	45	19	25	14	10
	Aug 2020	297	45	22	27	14	9
	Sep 2020	221	44	20	25	13	2
	Summer 2020	**1257**	**235**	**50**	**164**	**76**	**39**
	Oct 2020	250	45	17	21	11	8

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3080

Processed On: 11/14/2018 9:13:23AM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

November 2018 24-Month Study

Most Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions

Date	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Total KAF	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****CREDITABLE SPACE****										
Nov 2018	505	582	799	13460	15346	17488	32834	505	582	799	1886	13460	17488	32834	3810	693	0	27.4
Dec 2018	549	584	806	13771	15709	17527	33237	549	584	806	1939	13771	17527	33237	4580	454	0	27.2
Jan 2019	638	584	814	14159	16195	17262	33457	638	584	814	2036	14159	17262	33457	5350	618	0	26.9
								****EFFECTIVE SPACE****										
Jan 2019	638	584	814	14159	16195	17262	33457	160	185	352	697	14159	17262	32118	5350	618	0	26.9
Feb 2019	722	584	823	14660	16789	17002	33791	244	185	361	790	14660	17002	32452	1500	684	0	26.6
Mar 2019	790	586	825	15038	17239	16901	34140	310	188	362	860	15038	16901	32799	1500	1054	0	26.0
Apr 2019	791	580	804	15377	17552	17169	34721	308	181	335	824	15377	17169	33370	1500	1058	0	25.7
May 2019	761	566	763	15477	17567	17546	35113	272	165	271	708	15477	17546	33730	1500	966	0	26.0
Jun 2019	721	571	662	14982	16935	17861	34796	223	158	131	512	14982	17861	33355	1500	907	0	27.0
Jul 2019	609	452	601	14102	15764	18085	33850	100	20	15	134	14102	18085	32322	1500	825	0	26.8
								****CREDITABLE SPACE****										
Aug 2019	528	430	646	14269	15873	18093	33966	528	430	646	1603	14269	18093	33966	1500	739	0	26.4
Sep 2019	570	452	669	14707	16398	17933	34331	570	452	669	1691	14707	17933	34331	2270	733	0	26.0
Oct 2019	634	479	672	14935	16720	17990	34710	634	479	672	1785	14935	17990	34710	3040	509	0	25.7
Nov 2019	650	485	665	14975	16775	18018	34793	650	485	665	1800	14975	18018	34793	3810	669	0	25.5
Dec 2019	665	468	662	15062	16858	18177	35035	665	468	662	1796	15062	18177	35035	4580	593	0	25.4
Jan 2020	736	456	664	15251	17107	18169	35276	736	456	664	1856	15251	18169	35276	5350	607	0	25.3
								****EFFECTIVE SPACE****										
Jan 2020	736	456	664	15251	17107	18169	35276	375	401	547	1323	15251	18169	34744	5350	607	0	25.3
Feb 2020	801	444	668	15540	17453	18030	35483	439	390	550	1380	15540	18030	34950	1500	663	0	25.0
Mar 2020	857	433	661	15743	17695	18005	35700	493	380	543	1416	15743	18005	35165	1500	988	0	24.8
Apr 2020	827	408	604	15874	17715	18294	36009	458	359	479	1296	15874	18294	35464	1500	997	0	24.8
May 2020	767	369	509	15680	17324	18680	36004	390	317	360	1067	15680	18680	35427	1500	917	0	26.0
Jun 2020	743	342	354	14324	15762	19015	34777	358	292	165	815	14324	19015	34153	1500	929	0	27.5
Jul 2020	490	118	264	13043	13915	19358	33273	87	55	19	161	13043	19358	32561	1500	813	0	27.7
								****CREDITABLE SPACE****										
Aug 2020	420	75	307	12820	13622	19463	33085	420	75	307	802	12820	19463	33085	1500	773	0	27.4
Sep 2020	469	87	331	13031	13917	19455	33372	469	87	331	886	13031	19455	33372	2270	701	0	27.1
Oct 2020	545	115	336	13120	14115	19555	33670	545	115	336	995	13120	19555	33670	3040	473	0	26.9

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3080

Processed On: 11/14/2018 9:13:23AM

December 24-Month Study
Date: December 12, 2018

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

Reservoir	November Inflow (unregulated) (acre-feet)	Percent of Average (%)	December 11, Midnight Elevation (feet)	December 11, Midnight Reservoir Storage (acre-feet)
Fontenelle	38,400	91	6,486.43	204,000
Flaming Gorge	39,800	78	6,028.53	3,293,000
Blue Mesa	21,500	69	7,437.70	248,000
Navajo	15,300	46	6,017.11	885,000
Powell	254,400	54	3,584.90	10,365,000

Expected Operations

The operation of Lake Powell and Lake Mead in this December 2018 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines) and reflects the 2018 Annual Operating Plan (AOP) and draft 2019 AOP. Pursuant to the Interim Guidelines, the August 2018 24-Month Study projections of the January 1, 2019, system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2019.

Consistent with Section 6.B of the Interim Guidelines, the Lake Powell operational tier for water year 2019 will be governed by the Upper Elevation Balancing Tier, with an initial water year release volume of 8.23 million acre-feet (maf) and the potential for an April adjustment to equalization or balancing releases in April 2019. This December 2018 24-Month Study indicates that, consistent with Section 6.B.4 of the Interim Guidelines, an April adjustment to balancing releases is projected to occur and the contents of Lake Powell and Lake Mead will be balanced by the end of the water year, but not more than 9.0 maf and not less than 8.23 maf shall be released from Lake Powell. Based on the most probable inflow forecast, this December 24-Month Study projects a balancing release of 8.66 maf in water year 2019.

Consistent with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar years 2018 and 2019.

The 2019 operational tier determinations will be documented in the 2019 AOP, which is currently in development.

The Interim Guidelines are available for download at:
https://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The 2018 AOP is available for download at:
https://www.usbr.gov/lc/region/g4000/aop/AOP18.pdf
The draft 2019 AOP is available for download at:
https://www.usbr.gov/lc/region/g4000/AOP2019/AOP19_draft.pdf

Fontenelle Reservoir – Fontenelle Reservoir is currently at elevation 6486.8 feet above sea level (feet), which amounts to 60 percent of live storage capacity. Inflows for the month of November totaled 38,500 acre-feet (af), or 91 percent of average. Average inflows are occurring and releases are being adjusted to maintain capacity in the reservoir. Releases are currently set at 1,000 cubic feet per second (cfs) (12/10/2018).

The Colorado Basin River Forecast Center has forecasted inflows that are at or above average. December, January, and February forecasted inflow volumes amount to 31,000 af (97 percent of average), 30,000 af (99 percent of average), and 28,000 af (101 percent of average), respectively.

The next Fontenelle Working Group meeting is scheduled for 10:00 a.m., April 24, 2019. The meeting will be held at the Seedskadee National Wildlife Refuge. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir.

Flaming Gorge Reservoir – Releases are currently set at 2,000 cfs with fluctuations for hydropower. Average daily releases will likely remain at 2,000 cfs through the end of February.

Inflow into Flaming Gorge Reservoir during the month of November was 61,300 af, or 95 percent of average. The current reservoir elevation is 6028.7 feet (88 percent of live capacity) and decreasing.

The December final forecast for inflows for the next three months projects near average conditions: December, January, and February forecasted inflow volumes at 61,500 af (105 percent of average), 67,500 af (104 percent of average), and 66,500 af (100 percent of average), respectively.

The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stakeholders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations and plans presented by Reclamation

at these meetings. Meeting notes from past Working Group meetings are posted on the Working Group webpage. For more information on this group and these meetings please contact Dale Hamilton at 801-379-1186 or Jed Parker at 801-524-3816.

Reclamation will be holding the Flaming Gorge Working Group meeting on Thursday, March 14, 2019 at 10:00 a.m. at the Uintah Conference Center, 313 E 200 S, Vernal, Utah.

Aspinall Unit Reservoirs – As of December 11, 2018 releases from Crystal Dam are approximately 340 cfs. Uncompahgre Valley Water Users Association has stopped diversions through the Gunnison Tunnel except for periodic diversions to fill Fairview Reservoir. Flows through the Black Canyon are approximately 320 cfs. There is currently about a 20 cfs loss to the Gunnison River between Crystal Dam and the Gunnison Tunnel Diversion. As of December 11, 2018, Blue Mesa Reservoir elevation is 7437.70 feet which corresponds to storage content of 248,220 af (30 percent of capacity).

The November unregulated inflow to Blue Mesa Reservoir was 21,500 af (69 percent of average). Unregulated Inflows to Blue Mesa for the next three months (December, January and February) are projected to be: 18,000 af (69 percent of average), 15,000 af (62 percent of average) and 14,000 af (63 percent of average), respectively. For water year 2019, the unregulated inflow volume is forecasted to be 684,400 af (71 percent of average) with 490,000 af (72 percent of average) of unregulated inflow occurring during the April through July period. The December 24-Month Study is reflective of this new forecast.

Conditions are clearly very dry. Blue Mesa Reservoir did not fill in water year 2018 and will most likely not fill in water year 2019 either. Current projections indicate Blue Mesa storage will remain near the current level till March of 2019 before rebounding during the spring runoff. Current projections show Blue Mesa will reach a low elevation for water year 2019 of about 7,436.5 feet near the end of February 2019 and a peak elevation for water year 2019 of about 7472 feet in late July 2019. The projected end of water year 2019 elevation of Blue Mesa is 7464.3 feet which corresponds to a live storage content of 398,300 acre-feet (48 percent of full capacity).

The Aspinall Unit Working Group is an open public forum for information exchange between Reclamation and the stakeholders of the Aspinall Unit. The public is encouraged to attend and comments on the operations and plans presented by Reclamation at these meetings. Meeting notes from past working Group meetings are posted on the Working Group webpage. For more information on this group and these meetings please contact Erik Knight in the Grand Junction Area Office at (970) 248-0629.

Meeting notes from past working Group meetings are posted on the Working Group webpage at:

https://www.usbr.gov/uc/wcao/water/rsvrs/mtgs/amcurrnt.html

The next meeting of the Aspinall Unit Working Group will be held on Thursday, January 17, 2019 at 1:00 pm at the Holiday Inn Express located in Montrose, Colorado.

Navajo Reservoir – The current (December 10th) daily average release rate from Navajo Dam is 289 cfs and the observed inflow to Navajo Reservoir is 205 cfs. The Navajo Indian Irrigation Project (NIIP) has shut down for the season. The NIIP diversion total for the year was 222,800 af. The reservoir elevation is 6017.17 feet which corresponds to a live storage of 0.886 maf (52 percent of live storage capacity). This elevation also corresponds to an active storage of 0.224 maf (22 percent of active storage capacity). The river flow measured at the San Juan River at Four Corners USGS gage is 565 cfs. River flow at the Animas River at Farmington USGS gage is at 225 cfs. Releases from Navajo Dam are made for the authorized purposes of the Navajo Unit, and pursuant to the 2006 Record of Decision, to attempt to maintain a target base flow through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell). The San Juan River Basin Recovery Implementation Program (SJRIP) recommends a target base flow of between 500 cfs and 1,000 cfs through the critical habitat area. The target base flow is calculated as the weekly average of gaged flows throughout the critical habitat area.

Preliminary modified-unregulated inflow into Navajo (inflow adjusted for upstream change in storage, reservoir evaporation and exportation from the basin) in November was 15,278 af (46 percent of average).

Forecast modified-unregulated inflow to Navajo over the next three months (December, January, and February are projected to be: 13,000 af (52 percent of average), 13,000 af (59 percent of average), and 16,000 af (53 percent of average), respectively.

Releases for the winter will be made to maintain the minimum target baseflow in the critical habitat reach and will decrease as irrigation in the basin decreases. When conditions allow, the release will be reduced to as low as the minimum release of 250 cfs, so long as the target baseflow downstream is still met.
Reclamation conducts Public Operations Meetings three times per year to gather input for determining upcoming operations for Navajo Reservoir. Input from individuals, organizations, and agencies along with other factors such as weather, water rights, endangered species requirements, flood control, hydro power, recreation, fish and wildlife management, and reservoir levels, will be considered in the development of these reservoir operation plans. In addition, the meetings are used to coordinate activities and exchange information among agencies, water users, and other interested parties concerning the San Juan River and Navajo Reservoir.

The next Navajo Public Operations Coordination Meeting is scheduled for Tuesday, January 29th, 2019, at 1:00 p.m. at the Farmington Civic Center, Farmington, NM.

Glen Canyon Dam / Lake Powell

Current Status

The unregulated inflow in November was 253 thousand acre-feet (kaf) (54 percent of average). November precipitation in the Upper Colorado Basin was 100 percent of average, but the extremely dry soil conditions decreased the amount of observed runoff. The release volume from Glen Canyon Dam in November was 661 kaf. The end of November elevation and storage of Lake Powell were 3,586.50 feet (113.5 feet from full pool) 10.50 maf (43 percent of full capacity).

Current Operations

The operating tier for water year 2019 was established in August 2018 as the Upper Elevation Balancing Tier. As described in the Interim Guidelines, under balancing, the contents of Lake Powell and Lake Mead are to be balanced by the end of the water year, but not more than 9.0 maf and not less than 8.23 maf is to be released from Lake Powell. Under this Tier the initial annual water year release volume is 8.23 maf but there is potential for an April 2019 adjustment to equalization or balancing releases. Based on the current forecast, an April adjustment to balancing releases is projected and Lake Powell is currently projected to release 8.66 maf in water year 2019. This projection will be updated each month throughout the water year.

In December, the release volume will be approximately 740 kaf, with fluctuations anticipated between about 8,415 cfs in the nighttime to about 15,165 cfs in the daytime and consistent with the Glen Canyon Dam, Record of Decision on LTEMP (dated December, 2016). The anticipated release volume for January is 860 kaf.

In addition to daily scheduled fluctuations for power generation, the instantaneous releases from Glen Canyon Dam may also fluctuate to provide 40 megawatts (mw) of system regulation. These instantaneous release adjustments stabilize the electrical generation and transmission system and translate to a range of about 1,200 cfs above or below the hourly scheduled release rate. Under normal conditions, fluctuations for regulation are typically short lived and generally balance out over the hour with minimal or no noticeable impacts on downstream river flow conditions.

Releases from Glen Canyon Dam can also fluctuate beyond scheduled releases when called upon to respond to power system emergencies. Depending on the severity of the system emergency, the response from Glen Canyon Dam can be significant and within the full range of the operating capacity of the power plant for as long as is necessary to maintain balance in the transmission system. Glen Canyon Dam currently maintains 28 mw (approximately 830 cfs) of generation capacity in reserve in order to respond to a system emergency even when generation rates are already high. System emergencies occur fairly infrequently and typically require small responses from Glen Canyon Dam. However, these responses can have a noticeable impact on the river downstream of Glen Canyon Dam.

Inflow Forecasts and Model Projections

The forecast for water year 2019 unregulated inflow to Lake Powell, issued on December 1, 2018, by the Colorado Basin River Forecast Center, projects that the most probable (median) unregulated inflow volume next year will be 7.1 maf (66 percent of average). There is significant uncertainty regarding next season's snow pack development and resulting runoff into Lake Powell. The forecast ranges from a minimum probable of 4.6 maf (42 percent of average) to a maximum probable of 15.4 maf (142 percent of average). There is a 10 percent chance that inflows could be higher than the current maximum probable forecast and a 10 percent chance that inflows could be lower than the minimum probable forecast.

Based on the current forecast, the December 24-Month Study projects Lake Powell elevation will end water year 2019 near 3,571.23 feet with approximately 9.21 maf in storage (38 percent of capacity). Note that projections of elevation and storage for water year 2019 have significant uncertainty at this point in the season. Projections of end of water year 2019 elevation and storage using the minimum and maximum probable inflow forecast from October 2018 are 3,556 feet (8.027 maf, 33 percent of capacity) and 3,636 feet (15.54 maf, 64 percent of capacity), respectively. Under these scenarios, there is a 10 percent chance that inflows will be higher, resulting in higher elevation and storage, and 10 percent chance that inflows will be lower, resulting in lower elevation and storage. The annual release volume from Lake Powell during water year 2019 is projected to be 8.66 maf under the December most probable scenario, and 9.0 maf under the October maximum probable inflow scenarios and 8.23 maf under the October minimum probable inflow scenario.

Upper Colorado River Basin Hydrology

Upper Colorado River Basin regularly experiences significant year to year hydrologic variability. During the 19-year period 2000 to 2018, however, the unregulated inflow to Lake Powell, which is a good measure of hydrologic conditions in the Colorado River Basin, was above average in only 4 out of the past 19 years. The period 2000-2018 is the lowest 19-year period since the closure of Glen Canyon Dam in 1963, with an average unregulated inflow of 8.54 maf, or 79 percent of the 30-year average (1981-2010). (For comparison, the 1981-2010 total water year average is 10.83 maf.) The unregulated inflow during the 2000-2018 period has ranged from a low of 2.64 maf (24 percent of average) in water year 2002 to a high of 15.97 maf (147 percent of average) in water year 2011. In water year 2018 unregulated inflow volume to Lake Powell was 4.6 maf (43 percent of average), the third driest year on record above 2002 and 1977. Under the current most probable forecast, the total water year 2019 unregulated inflow to Lake Powell is projected to be 7.6 maf (70 percent of average).

At the beginning of water year 2019, total system storage in the Colorado River Basin was 28.01 maf (47 percent of 59.6 maf total system capacity). This is a decrease of 4.91 maf over the total storage at the beginning of water year 2018 when total system storage was 32.92 maf (55 percent of capacity). Since the beginning of water year 2000, total Colorado Basin storage has experienced year to year increases and decreases in response to wet and dry hydrology, ranging from a high of 94 percent of capacity at the beginning of 2000 to the now current level of 47 percent of capacity at the beginning of water year

2019. Based on current inflow forecasts, the current projected end of water year total Colorado Basin reservoir storage for water year 2019 is approximately 25.14 maf (42 percent of total system capacity). The actual end of water year 2019 system storage may vary from this projection, primarily due to uncertainty regarding this season's runoff and reservoir inflow.

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-430
125 SOUTH STATE STREET, ROOM 8100
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-3709

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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:	Obs			nov	Forecast		
:	aug	sep	oct	nov	%Avg	dec	jan	feb
GLDA3:Lake Powell	11.2	0.92	351	253	53%:	240/	235/	260/
GBRW4:Fontenelle	50	30	42	38	90%:	31/	30/	28/
GRNU1:Flaming Gorge	42	17.3	54	40	78%:	31/	36/	39/
BMDC2:Blue Mesa	18.6	11.6	23	22	71%:	18/	15/	14/
MPSC2:Morrow Point	19.0	13.8	24	23	69%:	19/	16/	15/
CLSC2:Crystal	21	15.2	27	26	68%:	21/	18/	17/
TPIC2:Taylor Park	3.2	2.9	4.6	3.3	65%:	3/	3/	2.5/
VCRC2:Vallecito	5.4	3.3	8.5	5.2	59%:	3.5/	3/	2.5/
NVRN5:Navajo	-6.92	2.5	23	15.3	46%:	13/	13/	16
LEMC2:Lemon	0.73	0.48	1.85	1.02	61%:	0.5/	0.5/	0.5/
MPHC2:McPhee	7.8	3.1	4.7	2.0	33%:	1.5/	2/	2/
RBSC2:Ridgway	2.8	2.6	3.3	3.7	66%:	3/	2.5/	2/
YDLC2:Deerlodge	3.9	1.79	18.3	18.5	55%:	16/	16/	18/:

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December 2018 24-Month Study

Most Probable Inflow*

Fontenelle Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Dec 2017	46	1	72	8	80	6486.39	204
H	Jan 2018	42	1	79	1	80	6479.83	165
I	Feb 2018	38	0	72	0	72	6472.86	131
S	Mar 2018	58	0	16	56	71	6469.78	117
T	Apr 2018	101	1	83	4	87	6472.76	130
O	May 2018	354	2	100	123	223	6494.84	260
R	Jun 2018	404	2	101	269	370	6499.18	292
I	Jul 2018	138	3	92	8	100	6503.79	327
C	Aug 2018	50	2	75	1	76	6500.10	299
A	Sep 2018	30	2	7	58	65	6495.11	262
	WY 2018	**1397**	**15**	**856**	**528**	**1382**		
L	Oct 2018	42	1	45	20	65	6491.62	238
*	Nov 2018	38	1	60	0	60	6488.29	216
	Dec 2018	31	1	61	0	61	6483.36	186
	Jan 2019	30	1	61	0	61	6477.52	154
	Feb 2019	28	0	56	0	56	6471.58	126
	Mar 2019	45	0	58	0	58	6468.31	112
	Apr 2019	70	1	61	0	61	6470.26	120
	May 2019	125	1	73	0	73	6480.80	171
	Jun 2019	240	2	102	20	122	6498.42	287
	Jul 2019	155	3	102	8	110	6503.98	330
	Aug 2019	65	2	68	0	68	6503.35	325
	Sep 2019	41	2	36	29	65	6499.94	298
	WY 2019	**910**	**15**	**784**	**77**	**861**		
	Oct 2019	45	1	69	0	69	6496.52	273
	Nov 2019	41	1	67	0	67	6492.69	246
	Dec 2019	32	1	69	0	69	6486.96	208
	Jan 2020	30	1	69	0	69	6480.37	169
	Feb 2020	28	0	65	0	65	6472.79	131
	Mar 2020	53	0	71	0	71	6468.49	113
	Apr 2020	85	1	77	0	77	6470.27	120
	May 2020	164	1	98	19	117	6479.87	166
	Jun 2020	299	2	102	71	173	6498.88	291
	Jul 2020	178	3	102	39	141	6503.26	324
	Aug 2020	77	2	98	0	98	6500.13	300
	Sep 2020	46	2	21	75	95	6493.07	249
	WY 2020	**1077**	**15**	**909**	**203**	**1112**		
	Oct 2020	49	1	98	0	98	6485.34	198
	Nov 2020	42	1	95	0	95	6475.57	144

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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December 2018 24-Month Study

Most Probable Inflow*

Flaming Gorge Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	Dec 2017	52	86	2	174	0	174	135	6029.85	3343	197
H	Jan 2018	52	90	2	175	0	175	131	6027.65	3259	208
I	Feb 2018	57	91	2	155	1	157	129	6025.91	3194	197
S	Mar 2018	86	99	3	106	0	106	128	6025.65	3184	178
T	Apr 2018	121	108	5	101	0	101	128	6025.69	3186	277
O	May 2018	422	290	8	163	6	169	133	6028.57	3294	572
R	Jun 2018	435	401	11	125	0	125	143	6035.09	3550	278
I	Jul 2018	140	102	14	120	0	120	142	6034.33	3519	141
C	Aug 2018	42	68	13	124	0	124	139	6032.67	3453	142
A	Sep 2018	17	52	11	119	0	119	136	6030.75	3378	132
	WY 2018	**1594**	**1580**	**82**	**1608**	**7**	**1616**				**2638**
L	Oct 2018	54	77	7	99	0	99	135	6030.03	3350	131
*	Nov 2018	40	61	4	93	0	93	133	6029.15	3316	121
	Dec 2018	31	61	2	123	0	123	131	6027.55	3256	139
	Jan 2019	36	67	2	123	0	123	129	6026.09	3201	139
	Feb 2019	39	67	2	111	0	111	127	6024.88	3156	129
	Mar 2019	88	101	3	61	0	61	128	6025.83	3191	116
	Apr 2019	105	96	5	60	0	60	130	6026.66	3222	210
	May 2019	160	108	8	61	0	61	131	6027.64	3259	501
	Jun 2019	270	152	10	137	0	137	131	6027.76	3263	562
	Jul 2019	175	130	13	85	0	85	133	6028.54	3293	153
	Aug 2019	73	76	13	105	0	105	131	6027.49	3253	123
	Sep 2019	48	72	11	101	0	101	129	6026.48	3215	115
	WY 2019	**1118**	**1069**	**80**	**1159**	**0**	**1159**				**2440**
	Oct 2019	54	78	7	68	0	68	130	6026.56	3218	94
	Nov 2019	49	75	3	65	0	65	130	6026.72	3224	94
	Dec 2019	35	72	2	111	0	111	128	6025.68	3185	136
	Jan 2020	40	79	2	111	0	111	127	6024.82	3154	136
	Feb 2020	45	82	2	104	0	104	126	6024.19	3130	131
	Mar 2020	102	120	3	80	0	80	127	6025.17	3167	157
	Apr 2020	134	125	5	77	0	77	129	6026.29	3208	293
	May 2020	245	198	8	92	0	92	133	6028.79	3303	624
	Jun 2020	390	263	11	207	0	207	135	6029.94	3347	627
	Jul 2020	210	174	14	123	0	123	136	6030.87	3383	223
	Aug 2020	89	111	13	123	0	123	135	6030.24	3358	148
	Sep 2020	55	104	11	119	0	119	134	6029.60	3333	138
	WY 2020	**1447**	**1482**	**80**	**1279**	**0**	**1279**				**2801**
	Oct 2020	59	109	7	123	0	123	133	6029.06	3313	155
	Nov 2020	51	104	3	119	0	119	133	6028.60	3295	151

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Most Probable Inflow*

Taylor Park Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Dec 2017	4	6	9313.84	76
H	Jan 2018	4	6	9312.64	74
I	Feb 2018	4	6	9311.50	72
S	Mar 2018	5	6	9310.51	71
T	Apr 2018	8	7	9311.18	72
O	May 2018	24	12	9318.33	84
R	Jun 2018	13	15	9317.29	82
I	Jul 2018	5	14	9311.71	73
C	Aug 2018	3	13	9305.51	63
A	Sep 2018	3	8	9301.71	58
	WY 2018	**88**	**108**		
L	Oct 2018	5	3	9302.60	59
*	Nov 2018	3	3	9302.61	59
	Dec 2018	3	3	9302.54	59
	Jan 2019	3	3	9302.47	59
	Feb 2019	3	3	9302.26	58
	Mar 2019	3	3	9301.83	58
	Apr 2019	4	3	9302.54	59
	May 2019	21	10	9309.86	70
	Jun 2019	37	15	9322.56	92
	Jul 2019	15	18	9320.95	89
	Aug 2019	7	15	9316.48	81
	Sep 2019	6	13	9312.34	74
	WY 2019	**109**	**93**		
	Oct 2019	6	6	9312.24	74
	Nov 2019	5	5	9312.08	73
	Dec 2019	5	5	9311.76	73
	Jan 2020	4	5	9311.24	72
	Feb 2020	4	5	9310.55	71
	Mar 2020	4	8	9308.29	67
	Apr 2020	9	8	9308.78	68
	May 2020	28	30	9307.67	66
	Jun 2020	42	30	9314.91	78
	Jul 2020	20	10	9320.64	88
	Aug 2020	10	8	9321.89	90
	Sep 2020	7	8	9321.55	90
	WY 2020	**144**	**128**		
	Oct 2020	7	6	9321.90	90
	Nov 2020	5	5	9321.96	91

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December 2018 24-Month Study

Most Probable Inflow*

Blue Mesa Reservoir

	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Dec 2017	25	27	0	93	0	93	7491.44	593
H	Jan 2018	20	22	0	60	0	60	7486.51	554
I	Feb 2018	23	25	0	32	0	32	7485.54	547
S	Mar 2018	28	29	0	43	0	43	7483.73	534
T	Apr 2018	48	47	1	82	0	82	7478.94	498
O	May 2018	112	100	1	85	0	85	7480.90	513
R	Jun 2018	56	57	1	98	0	98	7475.06	471
I	Jul 2018	21	31	1	101	0	101	7464.43	399
C	Aug 2018	19	28	1	93	0	93	7453.77	334
A	Sep 2018	12	17	1	30	39	68	7444.44	282
	WY 2018	**433**	**453**	**7**	**856**	**39**	**895**		
L	Oct 2018	23	22	0	46	11	56	7437.59	248
*	Nov 2018	22	21	0	19	0	19	7438.08	250
	Dec 2018	18	18	0	19	0	19	7437.79	249
	Jan 2019	15	15	0	18	0	18	7437.07	245
	Feb 2019	14	14	0	16	0	16	7436.60	243
	Mar 2019	25	26	0	18	0	18	7438.19	251
	Apr 2019	50	49	0	43	0	43	7439.37	256
	May 2019	145	134	1	105	0	105	7444.94	285
	Jun 2019	215	193	1	37	0	37	7470.57	440
	Jul 2019	80	83	1	72	0	72	7471.95	449
	Aug 2019	45	53	1	74	0	74	7468.66	427
	Sep 2019	33	40	1	67	0	67	7464.34	399
	WY 2019	**684**	**668**	**6**	**536**	**11**	**546**		
	Oct 2019	35	35	0	42	0	42	7463.12	391
	Nov 2019	30	30	0	13	0	13	7465.77	408
	Dec 2019	26	26	0	14	0	14	7467.68	420
	Jan 2020	24	25	0	13	0	13	7469.43	432
	Feb 2020	22	23	0	13	0	13	7471.02	443
	Mar 2020	36	40	0	0	14	14	7474.63	468
	Apr 2020	77	76	1	0	35	35	7480.34	509
	May 2020	221	223	1	6	189	195	7483.91	535
	Jun 2020	261	249	1	24	0	24	7511.50	759
	Jul 2020	117	107	2	90	0	90	7513.23	774
	Aug 2020	63	61	1	99	0	99	7508.75	735
	Sep 2020	38	39	1	98	0	98	7501.58	674
	WY 2020	**951**	**934**	**8**	**412**	**238**	**650**		
	Oct 2020	38	38	1	65	0	65	7498.21	647
	Nov 2020	31	31	0	36	0	36	7497.55	641

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Most Probable Inflow*

Morrow Point Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Dec 2017	26	93	1	94	94	0	94	7152.45	111
H	Jan 2018	22	60	2	62	62	0	63	7150.65	110
I	Feb 2018	24	32	1	33	34	0	34	7149.19	108
S	Mar 2018	29	43	1	44	49	0	49	7143.05	104
T	Apr 2018	54	82	6	87	79	0	79	7154.30	112
O	May 2018	121	85	8	94	94	0	94	7153.76	112
R	Jun 2018	57	98	2	99	99	0	99	7154.16	112
I	Jul 2018	22	101	1	102	101	0	101	7155.49	113
C	Aug 2018	19	93	0	93	94	0	94	7153.96	112
A	Sep 2018	14	68	2	70	84	0	84	7135.77	98
	WY 2018	**460**	**895**	**27**	**922**	**935**	**0**	**937**		
L	Oct 2018	24	56	1	57	56	0	56	7136.92	99
*	Nov 2018	23	19	1	20	13	0	15	7143.47	104
	Dec 2018	19	19	1	20	13	0	13	7153.73	112
	Jan 2019	16	18	1	19	19	0	19	7153.73	112
	Feb 2019	15	16	1	17	17	0	17	7153.73	112
	Mar 2019	28	18	3	21	21	0	21	7153.73	112
	Apr 2019	57	43	7	50	50	0	50	7153.73	112
	May 2019	160	105	15	120	120	0	120	7153.73	112
	Jun 2019	230	37	15	52	52	0	52	7153.73	112
	Jul 2019	83	72	3	75	75	0	75	7153.73	112
	Aug 2019	47	74	2	76	76	0	76	7153.73	112
	Sep 2019	35	67	2	69	69	0	69	7153.73	112
	WY 2019	**737**	**546**	**52**	**598**	**583**	**0**	**585**		
	Oct 2019	37	42	2	45	45	0	45	7153.73	112
	Nov 2019	32	13	2	15	15	0	15	7153.73	112
	Dec 2019	28	14	2	16	16	0	16	7153.73	112
	Jan 2020	27	13	2	16	16	0	16	7153.73	112
	Feb 2020	25	13	3	15	15	0	15	7153.73	112
	Mar 2020	40	14	4	18	18	0	18	7153.73	112
	Apr 2020	88	35	11	46	46	0	46	7153.73	112
	May 2020	247	195	26	221	221	0	221	7153.73	112
	Jun 2020	281	24	20	44	44	0	44	7153.73	112
	Jul 2020	123	90	6	96	96	0	96	7153.73	112
	Aug 2020	67	99	3	103	103	0	103	7153.73	112
	Sep 2020	41	98	3	101	101	0	101	7153.73	112
	WY 2020	**1035**	**650**	**84**	**735**	**735**	**0**	**735**		
	Oct 2020	41	65	3	67	67	0	67	7153.73	112
	Nov 2020	33	36	2	38	38	0	38	7153.73	112

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December 2018 24-Month Study

Most Probable Inflow*

Crystal Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
*	Dec 2017	29	94	3	97	97	0	97	6749.23	16	1	98
H	Jan 2018	25	63	3	66	62	4	66	6747.99	16	1	65
I	Feb 2018	27	34	3	37	16	20	36	6750.06	16	0	34
S	Mar 2018	33	49	4	52	53	0	53	6747.97	16	13	38
T	Apr 2018	60	79	6	84	84	0	84	6749.35	16	53	28
O	May 2018	129	94	9	102	102	0	102	6749.41	16	62	39
R	Jun 2018	61	99	3	102	102	0	102	6750.48	16	63	42
I	Jul 2018	24	101	2	103	103	0	103	6750.59	16	64	41
C	Aug 2018	21	94	2	96	98	0	98	6744.83	15	65	36
A	Sep 2018	15	84	1	85	87	0	87	6737.22	13	59	33
	WY 2018	**505**	**937**	**45**	**982**	**959**	**26**	**985**			**438**	**553**
L	Oct 2018	27	56	3	59	55	0	55	6751.87	17	33	24
*	Nov 2018	26	15	4	19	21	0	21	6743.11	14	1	19
	Dec 2018	21	13	2	15	12	0	12	6753.04	17	0	12
	Jan 2019	18	19	2	21	21	0	21	6753.04	17	0	21
	Feb 2019	17	17	2	19	19	0	19	6753.04	17	0	19
	Mar 2019	32	21	4	25	25	0	25	6753.04	17	5	20
	Apr 2019	65	50	8	58	58	0	58	6753.04	17	42	16
	May 2019	180	120	20	140	134	6	140	6753.04	17	62	78
	Jun 2019	255	52	25	77	77	0	77	6753.04	17	61	16
	Jul 2019	90	75	7	82	82	0	82	6753.04	17	65	17
	Aug 2019	53	76	6	82	82	0	82	6753.04	17	65	17
	Sep 2019	39	69	4	73	73	0	73	6753.04	17	55	18
	WY 2019	**823**	**585**	**86**	**671**	**660**	**6**	**667**			**389**	**279**
	Oct 2019	42	45	5	49	49	0	49	6753.04	17	30	19
	Nov 2019	36	15	4	19	19	0	19	6753.04	17	0	19
	Dec 2019	32	16	5	20	20	0	20	6753.04	17	0	20
	Jan 2020	31	16	5	20	20	0	20	6753.04	17	0	20
	Feb 2020	29	15	4	19	0	19	19	6753.04	17	0	19
	Mar 2020	46	18	6	25	25	0	25	6753.04	17	5	20
	Apr 2020	101	46	12	58	58	0	58	6753.04	17	42	16
	May 2020	281	221	34	256	134	121	256	6753.04	17	62	194
	Jun 2020	315	44	34	78	78	0	78	6753.04	17	61	17
	Jul 2020	138	96	14	111	111	0	111	6753.04	17	65	46
	Aug 2020	75	103	8	111	111	0	111	6753.04	17	65	46
	Sep 2020	47	101	6	107	107	0	107	6753.04	17	55	52
	WY 2020	**1173**	**735**	**138**	**873**	**732**	**140**	**873**			**385**	**488**
	Oct 2020	47	67	6	73	73	0	73	6753.04	17	30	43
	Nov 2020	38	38	5	43	43	0	43	6753.04	17	0	43

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Most Probable Inflow*

Vallecito Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Dec 2017	3	1	7640.27	65
H	Jan 2018	3	0	7641.42	67
I	Feb 2018	3	0	7642.57	70
S	Mar 2018	4	0	7644.11	73
T	Apr 2018	15	3	7649.29	85
O	May 2018	30	31	7648.91	84
R	Jun 2018	14	35	7639.22	63
I	Jul 2018	8	35	7624.15	35
C	Aug 2018	5	19	7613.87	22
A	Sep 2018	3	4	7613.06	21
	WY 2018	**102**	**153**		
L	Oct 2018	9	3	7617.56	26
*	Nov 2018	5	0	7621.25	31
	Dec 2018	4	0	7623.39	34
	Jan 2019	3	0	7625.07	37
	Feb 2019	3	0	7626.39	39
	Mar 2019	4	0	7628.48	42
	Apr 2019	12	0	7634.71	54
	May 2019	42	30	7640.52	65
	Jun 2019	48	41	7643.32	71
	Jul 2019	21	40	7633.79	52
	Aug 2019	15	37	7620.30	30
	Sep 2019	12	29	7604.25	12
	WY 2019	**177**	**183**		
	Oct 2019	12	16	7599.97	9
	Nov 2019	8	2	7606.78	14
	Dec 2019	6	2	7611.40	19
	Jan 2020	5	2	7614.59	22
	Feb 2020	5	2	7617.07	25
	Mar 2020	9	2	7622.07	32
	Apr 2020	23	2	7634.61	53
	May 2020	71	31	7652.53	93
	Jun 2020	70	43	7663.07	120
	Jul 2020	29	41	7658.11	107
	Aug 2020	20	38	7650.77	89
	Sep 2020	17	29	7645.63	77
	WY 2020	**277**	**209**		
	Oct 2020	16	16	7645.18	76
	Nov 2020	9	2	7647.86	82

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

December 2018 24-Month Study

Most Probable Inflow*

Navajo Reservoir

	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azetea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Farmington Flow (1000 Ac-Ft)
*	Dec 2017	11	0	9	1	0	25	6053.69	1270	40
H	Jan 2018	12	0	9	1	0	23	6052.47	1255	40
I	Feb 2018	13	0	11	1	1	17	6051.73	1246	33
S	Mar 2018	24	2	19	2	6	21	6050.92	1236	30
T	Apr 2018	70	13	46	2	20	38	6049.73	1222	42
O	May 2018	88	16	71	3	36	32	6049.80	1223	69
R	Jun 2018	6	3	24	4	42	42	6044.23	1159	49
I	Jul 2018	-9	0	18	4	42	51	6036.94	1080	53
C	Aug 2018	-7	0	7	3	42	51	6028.27	991	48
A	Sep 2018	2	0	3	2	27	46	6020.80	919	42
	WY 2018	**268**	**36**	**283**	**24**	**224**	**405**			**540**
L	Oct 2018	23	1	17	1	7	31	6018.35	897	40
*	Nov 2018	15	0	10	1	0	18	6017.43	888	34
	Dec 2018	13	0	10	0	0	20	6016.31	878	27
	Jan 2019	13	0	10	0	0	21	6015.12	867	28
	Feb 2019	16	0	14	1	0	16	6014.78	864	22
	Mar 2019	41	0	37	1	5	16	6016.45	879	27
	Apr 2019	77	1	64	2	21	16	6019.24	905	44
	May 2019	144	7	125	3	36	21	6026.15	970	109
	Jun 2019	150	17	127	3	52	21	6031.26	1021	126
	Jul 2019	34	18	36	3	57	27	6026.09	970	71
	Aug 2019	32	1	53	3	48	28	6023.44	944	52
	Sep 2019	30	1	46	2	26	24	6022.80	938	44
	WY 2019	**588**	**45**	**550**	**20**	**251**	**259**			**624**
	Oct 2019	37	1	40	1	10	22	6023.54	945	42
	Nov 2019	30	1	24	1	0	21	6023.79	948	37
	Dec 2019	25	0	20	0	0	22	6023.63	946	37
	Jan 2020	22	0	18	0	0	22	6023.24	942	35
	Feb 2020	30	0	27	1	0	20	6023.90	949	33
	Mar 2020	92	0	85	1	6	22	6029.70	1006	44
	Apr 2020	170	9	140	2	22	21	6038.94	1101	73
	May 2020	277	21	216	3	36	22	6052.62	1257	168
	Jun 2020	224	37	159	4	53	21	6059.24	1338	172
	Jul 2020	66	29	50	4	57	22	6056.60	1305	89
	Aug 2020	45	5	58	3	48	22	6055.34	1290	61
	Sep 2020	43	2	53	3	26	21	6055.64	1293	53
	WY 2020	**1062**	**104**	**891**	**25**	**257**	**255**			**844**
	Oct 2020	47	2	46	2	0	22	6057.47	1316	50
	Nov 2020	34	2	25	1	0	21	6057.75	1319	39

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

December 2018 24-Month Study

Most Probable Inflow*

Lake Powell

	Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry Gage (1000 Ac-Ft)
*	Dec 2017	299	483	29	740	0	740	3622.85	5179	14068	733
H	Jan 2018	262	442	9	860	0	860	3619.14	5147	13672	861
I	Feb 2018	269	387	10	730	0	730	3616.02	5121	13346	750
S	Mar 2018	332	395	16	800	0	800	3612.23	5090	12956	835
T	Apr 2018	382	419	25	705	0	705	3609.39	5067	12669	738
O	May 2018	1214	968	29	705	0	705	3611.54	5085	12886	730
R	Jun 2018	883	635	45	760	0	760	3609.98	5072	12728	781
I	Jul 2018	123	252	53	860	0	860	3603.80	5023	12116	877
C	Aug 2018	11	260	50	900	0	900	3597.12	4972	11477	911
A	Sep 2018	1	230	45	670	0	670	3592.28	4936	11028	690
	WY 2018	**4612**	**5459**	**386**	**9000**	**0**	**9000**				**9158**
L	Oct 2018	351	477	30	625	0	625	3590.46	4923	10862	650
*	Nov 2018	254	307	29	585	77	662	3586.50	4894	10507	668
	Dec 2018	240	329	23	740	0	740	3581.93	4862	10105	745
	Jan 2019	235	333	7	860	0	860	3576.13	4823	9611	871
	Feb 2019	260	335	7	740	0	740	3571.51	4792	9230	744
	Mar 2019	415	361	11	750	0	750	3566.91	4762	8860	755
	Apr 2019	620	528	18	635	0	635	3565.45	4753	8744	643
	May 2019	1260	1041	21	635	0	635	3569.92	4782	9101	641
	Jun 2019	2000	1628	35	700	0	700	3579.87	4848	9928	708
	Jul 2019	760	730	43	800	0	800	3578.64	4840	9824	819
	Aug 2019	370	476	42	860	0	860	3573.93	4808	9429	878
	Sep 2019	340	449	38	650	0	650	3571.23	4790	9207	661
	WY 2019	**7105**	**6994**	**303**	**8581**	**77**	**8658**				**8783**
	Oct 2019	455	471	26	480	0	480	3570.83	4788	9174	486
	Nov 2019	447	438	25	500	0	500	3569.82	4781	9093	500
	Dec 2019	363	423	20	600	0	600	3567.55	4767	8910	605
	Jan 2020	361	420	6	720	0	720	3563.95	4744	8627	731
	Feb 2020	393	432	6	640	0	640	3561.39	4728	8429	644
	Mar 2020	665	556	10	675	0	675	3559.82	4718	8310	680
	Apr 2020	1056	838	17	600	0	600	3562.49	4735	8514	608
	May 2020	2343	1966	21	600	0	600	3577.88	4834	9759	606
	Jun 2020	2666	2133	38	630	0	630	3593.23	4943	11115	638
	Jul 2020	1091	1018	48	710	0	710	3595.82	4962	11356	729
	Aug 2020	500	600	48	760	0	760	3593.74	4947	11163	778
	Sep 2020	408	538	44	565	0	565	3593.02	4941	11096	576
	WY 2020	**10747**	**9832**	**311**	**7480**	**0**	**7480**				**7580**
	Oct 2020	512	579	31	640	0	640	3592.10	4935	11012	646
	Nov 2020	473	535	29	640	0	640	3590.74	4925	10887	640

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

December 2018 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Glen Release (1000 Ac-Ft)	Side Inflow Glen to Hoover (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Dec 2017	740	43	37	594	9.7	12	593	664	1082.52	10221
H	Jan 2018	860	78	30	449	7.3	10	448	692	1087.50	10642
I	Feb 2018	730	60	28	687	12.4	10	693	696	1088.21	10703
S	Mar 2018	800	70	32	833	13.5	14	832	695	1088.11	10694
T	Apr 2018	705	43	39	1015	17.1	21	1015	675	1084.49	10387
O	May 2018	705	21	44	1055	17.1	27	1054	651	1080.00	10011
R	Jun 2018	760	27	53	986	16.6	28	985	634	1076.81	9748
I	Jul 2018	860	106	65	820	13.3	27	819	637	1077.43	9799
C	Aug 2018	900	74	70	749	12.2	28	748	645	1078.88	9918
A	Sep 2018	670	84	58	725	12.2	24	723	642	1078.29	9870
	WY 2018	**9000**	**690**	**541**	**9240**		**241**	**9237**			
L	Oct 2018	625	100	42	641	10.4	23	634	643	1078.52	9889
*	Nov 2018	662	68	42	690	11.6	16	689	642	1078.32	9872
	Dec 2018	740	50	36	472	7.7	10	472	658	1081.40	10127
	Jan 2019	860	78	30	554	9.0	11	554	679	1085.23	10449
	Feb 2019	740	93	28	710	12.8	10	710	684	1086.17	10528
	Mar 2019	750	56	31	996	16.2	20	996	670	1083.49	10303
	Apr 2019	635	48	38	1062	17.8	24	1062	643	1078.51	9888
	May 2019	635	31	43	997	16.2	33	997	618	1073.82	9505
	Jun 2019	700	12	51	919	15.4	33	919	600	1070.40	9232
	Jul 2019	800	81	64	843	13.7	36	843	596	1069.67	9174
	Aug 2019	860	112	68	775	12.6	33	775	602	1070.81	9264
	Sep 2019	650	105	56	735	12.3	26	735	598	1070.09	9207
	WY 2019	**8658**	**834**	**530**	**9393**		**276**	**9386**			
	Oct 2019	480	69	40	528	8.6	28	528	595	1069.52	9161
	Nov 2019	500	61	40	624	10.5	20	624	588	1068.05	9045
	Dec 2019	600	50	35	598	9.7	16	598	588	1068.07	9047
	Jan 2020	720	78	28	607	9.9	14	607	597	1069.83	9186
	Feb 2020	640	93	26	663	11.5	17	663	599	1070.15	9212
	Mar 2020	675	56	29	988	16.1	22	988	580	1066.49	8923
	Apr 2020	600	48	36	997	16.8	25	997	555	1061.51	8538
	May 2020	600	31	40	917	14.9	31	917	533	1057.08	8203
	Jun 2020	630	12	47	929	15.6	31	929	511	1052.44	7860
	Jul 2020	710	81	58	813	13.2	31	813	504	1051.01	7756
	Aug 2020	760	112	62	773	12.6	28	773	505	1051.13	7765
	Sep 2020	565	105	51	701	11.8	25	701	498	1049.75	7665
	WY 2020	**7480**	**796**	**493**	**9139**		**286**	**9139**			
	Oct 2020	640	69	37	473	7.7	25	473	509	1052.01	7828
	Nov 2020	640	61	37	634	10.7	17	634	510	1052.16	7840

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

December 2018 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Dec 2017	594	-16	9	552	0	552	9.0	640.68	1636
H	Jan 2018	449	2	10	437	0	437	7.1	640.86	1641
I	Feb 2018	687	-4	10	611	0	611	11.0	643.18	1704
S	Mar 2018	833	-1	13	836	0	836	13.6	642.57	1687
T	Apr 2018	1015	-3	17	1001	0	1001	16.8	642.40	1682
O	May 2018	1055	-11	22	1001	0	1001	16.3	643.17	1703
R	Jun 2018	986	-21	26	909	0	909	15.3	644.29	1734
I	Jul 2018	820	-6	26	827	0	827	13.4	642.91	1696
C	Aug 2018	749	-13	23	730	0	730	11.9	642.29	1679
A	Sep 2018	725	-11	18	814	0	814	13.7	637.87	1561
	WY 2018	**9240**	**-103**	**198**	**8981**	**0**	**8981**			
L	Oct 2018	641	-11	15	635	0	635	10.3	637.08	1540
*	Nov 2018	690	-28	11	610	0	610	10.3	638.62	1581
	Dec 2018	472	-12	9	449	0	449	7.3	638.70	1583
	Jan 2019	554	-19	10	442	0	442	7.2	641.80	1666
	Feb 2019	710	-15	10	685	0	685	12.3	641.80	1666
	Mar 2019	996	-17	13	931	0	931	15.1	643.05	1700
	Apr 2019	1062	-20	17	1027	0	1027	17.3	643.00	1699
	May 2019	997	-12	22	963	0	963	15.7	643.00	1699
	Jun 2019	919	-15	25	878	0	878	14.8	643.00	1699
	Jul 2019	843	-15	25	830	0	830	13.5	642.00	1671
	Aug 2019	775	-12	23	740	0	740	12.0	642.00	1671
	Sep 2019	735	-12	18	758	0	758	12.7	640.01	1618
	WY 2019	**9393**	**-190**	**198**	**8948**	**0**	**8948**			
	Oct 2019	528	-4	15	693	0	693	11.3	633.00	1434
	Nov 2019	624	-12	10	550	0	550	9.2	635.00	1486
	Dec 2019	598	-12	9	479	0	479	7.8	638.71	1583
	Jan 2020	607	-19	10	496	0	496	8.1	641.80	1666
	Feb 2020	663	-15	10	638	0	638	11.1	641.80	1666
	Mar 2020	988	-17	13	923	0	923	15.0	643.05	1700
	Apr 2020	997	-20	17	962	0	962	16.2	643.00	1699
	May 2020	917	-12	22	882	0	882	14.3	643.00	1699
	Jun 2020	929	-15	25	889	0	889	14.9	643.00	1699
	Jul 2020	813	-15	25	800	0	800	13.0	642.00	1671
	Aug 2020	773	-12	23	739	0	739	12.0	642.00	1671
	Sep 2020	701	-12	18	724	0	724	12.2	640.01	1618
	WY 2020	**9139**	**-166**	**197**	**8775**	**0**	**8775**			
	Oct 2020	473	-4	15	637	0	637	10.4	633.00	1434
	Nov 2020	634	-12	10	560	0	560	9.4	635.00	1486

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

December 2018 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	Dec 2017	552	17	7	335	5.5	100	144	446.80	557	109	1.8
H	Jan 2018	437	3	6	329	5.3	29	90	445.81	539	125	2.0
I	Feb 2018	611	3	8	429	7.7	12	109	448.52	590	145	2.6
S	Mar 2018	836	-3	9	637	10.4	61	139	447.46	570	195	3.2
T	Apr 2018	1001	-8	11	735	12.4	75	168	447.13	564	175	2.9
O	May 2018	1001	10	13	697	11.3	87	178	448.51	590	124	2.0
R	Jun 2018	909	6	15	712	12.0	91	88	448.43	588	136	2.3
I	Jul 2018	827	20	17	656	10.7	101	72	448.00	580	133	2.2
C	Aug 2018	730	21	17	611	9.9	99	22	447.53	571	104	1.7
A	Sep 2018	814	9	15	512	8.6	95	164	448.95	598	94	1.6
	WY 2018	**8981**	**100**	**139**	**6479**		**910**	**1431**			**1504**	
L	Oct 2018	635	22	12	394	6.4	86	176	448.12	582	68	1.1
*	Nov 2018	610	17	9	357	6.0	85	173	447.99	580	97	1.6
	Dec 2018	449	18	7	270	4.4	71	144	446.50	552	104	1.7
	Jan 2019	442	21	6	279	4.5	85	88	446.50	552	125	2.0
	Feb 2019	685	11	8	441	7.9	77	165	446.50	552	152	2.7
	Mar 2019	931	7	9	720	11.7	16	181	446.70	555	192	3.1
	Apr 2019	1027	16	11	739	12.4	68	176	448.70	593	178	3.0
	May 2019	963	15	13	700	11.4	70	182	448.70	593	119	1.9
	Jun 2019	878	13	16	720	12.1	68	74	448.70	593	127	2.1
	Jul 2019	830	21	17	688	11.2	70	76	448.00	580	135	2.2
	Aug 2019	740	23	17	598	9.7	70	76	447.50	571	104	1.7
	Sep 2019	758	17	15	532	8.9	68	149	447.50	570	96	1.6
	WY 2019	**8948**	**201**	**140**	**6438**		**836**	**1657**			**1497**	
	Oct 2019	693	23	12	510	8.3	44	144	447.50	571	65	1.1
	Nov 2019	550	16	9	389	6.5	43	120	447.50	571	99	1.7
	Dec 2019	479	18	7	338	5.5	44	124	446.50	552	109	1.8
	Jan 2020	496	21	6	313	5.1	87	106	446.50	552	134	2.2
	Feb 2020	638	11	8	479	8.3	57	100	446.50	552	155	2.7
	Mar 2020	923	7	9	708	11.5	77	125	446.70	555	191	3.1
	Apr 2020	962	16	11	699	11.7	97	125	448.70	593	168	2.8
	May 2020	882	15	13	635	10.3	99	137	448.70	593	100	1.6
	Jun 2020	889	13	16	675	11.3	97	100	448.70	593	102	1.7
	Jul 2020	800	21	17	642	10.4	99	62	448.00	580	107	1.7
	Aug 2020	739	23	17	587	9.5	99	56	447.50	571	97	1.6
	Sep 2020	724	17	15	507	8.5	97	112	447.50	570	86	1.5
	WY 2020	**8775**	**200**	**139**	**6481**		**941**	**1309**			**1412**	
	Oct 2020	637	23	12	475	7.7	54	112	447.50	571	71	1.2
	Nov 2020	560	16	9	396	6.6	54	112	447.50	571	112	1.9

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December 2018 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Dec 2017	594	9.7	1082.52	10221	131	439.05	821.0	235.7	52	396.6
H	Jan 2018	449	7.3	1087.50	10642	421	442.14	834.0	176.5	51	392.9
I	Feb 2018	687	12.4	1088.21	10703	61	441.97	1220.1	275.0	75	400.3
S	Mar 2018	833	13.5	1088.11	10694	-9	442.23	1005.9	333.9	62	400.8
T	Apr 2018	1015	17.1	1084.49	10387	-308	437.15	880.9	406.2	55	400.0
O	May 2018	1055	17.1	1080.00	10011	-376	432.39	1385.9	412.1	88	390.8
R	Jun 2018	986	16.6	1076.81	9748	-263	428.91	1552.0	378.6	100	384.1
I	Jul 2018	820	13.3	1077.43	9799	51	432.34	1552.0	313.2	100	382.0
C	Aug 2018	749	12.2	1078.88	9918	119	435.01	1562.0	287.4	100	383.8
A	Sep 2018	725	12.2	1078.29	9870	-49	434.15	1562.0	278.7	100	384.7
	WY 2018	**9240**							**3614.3**		
L	Oct 2018	641	10.4	1078.52	9889	19	435.29	1406.1	247.8	87	386.7
*	Nov 2018	690	11.6	1078.32	9872	-16	434.47	755.0	266.1	49	385.8
	Dec 2018	472	7.7	1081.40	10127	255	433.40	959.9	185.1	61	392.3
	Jan 2019	554	9.0	1085.23	10449	322	435.58	1006.1	215.8	63	389.5
	Feb 2019	710	12.8	1086.17	10528	79	436.94	1006.1	285.8	63	402.5
	Mar 2019	996	16.2	1083.49	10303	-226	435.61	1010.0	399.5	63	401.2
	Apr 2019	1062	17.8	1078.51	9888	-414	431.82	925.9	430.7	60	405.6
	May 2019	997	16.2	1073.82	9505	-383	427.01	913.0	394.5	60	395.5
	Jun 2019	919	15.4	1070.40	9232	-274	418.71	1512.0	348.1	100	378.8
	Jul 2019	843	13.7	1069.67	9174	-58	416.98	1512.0	320.7	100	380.4
	Aug 2019	775	12.6	1070.81	9264	90	417.51	1528.0	292.7	100	377.8
	Sep 2019	735	12.3	1070.09	9207	-57	418.36	1528.0	277.5	100	377.7
	WY 2019	**9393**							**3664.2**		
	Oct 2019	528	8.6	1069.52	9161	-45	421.29	1341.0	196.6	88	372.0
	Nov 2019	624	10.5	1068.05	9045	-116	423.33	1219.0	239.4	81	383.3
	Dec 2019	598	9.7	1068.07	9047	2	421.30	1140.0	226.5	75	379.1
	Jan 2020	607	9.9	1069.83	9186	139	420.56	1056.0	230.8	70	380.0
	Feb 2020	663	11.5	1070.15	9212	25	421.40	950.0	254.7	62	384.1
	Mar 2020	988	16.1	1066.49	8923	-289	417.36	1210.0	372.2	81	376.8
	Apr 2020	997	16.8	1061.51	8538	-385	411.60	1390.9	370.0	91	370.9
	May 2020	917	14.9	1057.08	8203	-335	410.24	844.5	347.7	60	379.2
	Jun 2020	929	15.6	1052.44	7860	-343	401.53	1386.8	336.9	100	362.6
	Jul 2020	813	13.2	1051.01	7756	-104	398.85	1378.6	294.0	100	361.6
	Aug 2020	773	12.6	1051.13	7765	9	398.53	1379.4	278.2	100	359.7
	Sep 2020	701	11.8	1049.75	7665	-100	398.55	1371.5	250.4	100	357.5
	WY 2020	**9139**							**3397.4**		
	Oct 2020	473	7.7	1052.01	7828	164	402.53	1215.1	172.4	88	364.6
	Nov 2020	634	10.7	1052.16	7840	12	406.76	1108.6	230.6	81	363.5

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3081

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

December 2018 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Dec 2017	552	9.0	640.68	1636	17	139.44	131.6	69.5	52	126.0
H	Jan 2018	437	7.1	640.86	1641	5	141.78	159.6	55.0	63	125.9
I	Feb 2018	611	11.0	643.18	1704	63	142.18	162.1	76.6	64	125.4
S	Mar 2018	836	13.6	642.57	1687	-17	139.99	189.2	105.4	74	126.1
T	Apr 2018	1001	16.8	642.40	1682	-5	141.14	207.4	125.1	81	125.0
O	May 2018	1001	16.3	643.17	1703	21	141.89	204.0	126.2	80	126.1
R	Jun 2018	909	15.3	644.29	1734	31	143.00	255.0	115.0	100	126.6
I	Jul 2018	827	13.4	642.91	1696	-38	141.79	255.0	105.3	100	127.4
C	Aug 2018	730	11.9	642.29	1679	-17	141.02	255.0	92.7	100	127.1
A	Sep 2018	814	13.7	637.87	1561	-119	136.59	255.0	101.2	100	124.3
	WY 2018	**8981**							**1126.3**		
L	Oct 2018	635	10.3	637.08	1540	-21	135.95	184.3	77.8	72	122.4
*	Nov 2018	610	10.3	638.62	1581	40	137.20	158.1	78.4	62	128.4
	Dec 2018	449	7.3	638.70	1583	2	134.67	153.0	55.7	60	124.1
	Jan 2019	442	7.2	641.80	1666	83	135.09	189.2	55.5	74	125.6
	Feb 2019	685	12.3	641.80	1666	0	136.12	207.6	85.7	81	125.1
	Mar 2019	931	15.1	643.05	1700	34	136.76	207.3	116.1	81	124.7
	Apr 2019	1027	17.3	643.00	1699	-1	136.60	234.6	127.9	92	124.6
	May 2019	963	15.7	643.00	1699	0	136.04	255.0	120.4	100	125.1
	Jun 2019	878	14.8	643.00	1699	0	136.04	255.0	110.1	100	125.4
	Jul 2019	830	13.5	642.00	1671	-27	135.51	255.0	104.0	100	125.3
	Aug 2019	740	12.0	642.00	1671	0	134.99	255.0	92.8	100	125.3
	Sep 2019	758	12.7	640.01	1618	-54	133.94	255.0	94.1	100	124.2
	WY 2019	**8948**							**1118.5**		
	Oct 2019	693	11.3	633.00	1434	-183	131.28	185.9	83.6	73	120.7
	Nov 2019	550	9.2	635.00	1486	51	129.81	153.0	65.6	60	119.2
	Dec 2019	479	7.8	638.71	1583	97	131.17	200.7	58.6	79	122.3
	Jan 2020	496	8.1	641.80	1666	83	134.32	213.9	62.1	84	125.3
	Feb 2020	638	11.1	641.80	1666	0	136.12	207.6	80.1	81	125.5
	Mar 2020	923	15.0	643.05	1700	34	136.76	207.3	115.2	81	124.8
	Apr 2020	962	16.2	643.00	1699	-1	136.60	234.6	120.2	92	124.9
	May 2020	882	14.3	643.00	1699	0	136.04	255.0	110.7	100	125.5
	Jun 2020	889	14.9	643.00	1699	0	136.04	255.0	111.3	100	125.3
	Jul 2020	800	13.0	642.00	1671	-27	135.51	255.0	100.3	100	125.5
	Aug 2020	739	12.0	642.00	1671	0	134.99	255.0	92.6	100	125.4
	Sep 2020	724	12.2	640.01	1618	-54	133.94	255.0	90.0	100	124.4
	WY 2020	**8775**							**1090.4**		
	Oct 2020	637	10.4	633.00	1434	-183	131.28	185.9	77.1	73	121.0
	Nov 2020	560	9.4	635.00	1486	51	129.81	153.0	66.7	60	119.1

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

December 2018 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Dec 2017	335	5.5	446.80	557	-20	81.55	92.9	22.5	77	67.0
H	Jan 2018	329	5.3	445.81	539	-18	80.05	117.1	22.8	98	69.2
I	Feb 2018	429	7.7	448.52	590	50	81.30	92.1	30.3	77	70.6
S	Mar 2018	638	10.4	447.46	570	-20	81.79	102.6	44.9	85	70.4
T	Apr 2018	735	12.4	447.13	564	-6	81.11	120.0	50.8	100	69.1
O	May 2018	697	11.3	448.51	590	26	82.36	120.0	48.5	100	69.6
R	Jun 2018	712	12.0	448.43	588	-1	80.33	120.0	49.7	100	69.9
I	Jul 2018	656	10.7	448.00	580	-8	81.97	120.0	46.0	100	70.2
C	Aug 2018	611	9.9	447.53	571	-9	79.27	120.0	42.7	100	69.9
A	Sep 2018	512	8.6	448.95	598	27	83.02	120.0	35.9	100	70.1
	WY 2018	**6479**							**451.7**		
L	Oct 2018	394	6.4	448.12	582	-16	82.83	90.0	27.9	75	70.9
*	Nov 2018	350	6.0	447.99	580	-3	82.25	93.0	26.1	78	74.4
	Dec 2018	270	4.4	446.50	552	-28	74.80	116.1	16.9	97	62.6
	Jan 2019	279	4.5	446.50	552	0	75.27	91.0	17.7	76	63.2
	Feb 2019	441	7.9	446.50	552	0	75.21	92.1	28.8	77	65.3
	Mar 2019	720	11.7	446.70	555	4	74.05	119.0	46.8	99	65.0
	Apr 2019	739	12.4	448.70	593	38	75.08	120.0	48.7	100	65.9
	May 2019	700	11.4	448.70	593	0	76.05	120.0	46.6	100	66.5
	Jun 2019	720	12.1	448.70	593	0	76.05	120.0	47.9	100	66.6
	Jul 2019	688	11.2	448.00	580	-13	75.71	120.0	45.5	100	66.2
	Aug 2019	598	9.7	447.50	571	-9	75.13	120.0	39.2	100	65.4
	Sep 2019	532	8.9	447.50	570	0	74.89	120.0	34.6	100	65.1
	WY 2019	**6432**							**426.6**		
	Oct 2019	510	8.3	447.50	571	0	76.29	90.0	33.8	75	66.2
	Nov 2019	389	6.5	447.50	571	0	76.14	93.0	25.4	78	65.3
	Dec 2019	338	5.5	446.50	552	-19	74.65	114.2	21.4	95	63.5
	Jan 2020	313	5.1	446.50	552	0	75.07	94.8	19.9	79	63.6
	Feb 2020	479	8.3	446.50	552	0	75.21	92.1	31.3	77	65.4
	Mar 2020	708	11.5	446.70	555	4	74.01	120.0	45.9	100	64.9
	Apr 2020	699	11.7	448.70	593	38	75.08	120.0	46.0	100	65.8
	May 2020	635	10.3	448.70	593	0	76.05	120.0	42.1	100	66.3
	Jun 2020	675	11.3	448.70	593	0	76.05	120.0	44.9	100	66.5
	Jul 2020	642	10.4	448.00	580	-13	75.71	120.0	42.4	100	66.0
	Aug 2020	587	9.5	447.50	571	-9	75.13	120.0	38.4	100	65.4
	Sep 2020	507	8.5	447.50	570	0	74.89	120.0	32.9	100	65.0
	WY 2020	**6481**							**424.4**		
	Oct 2020	475	7.7	447.50	571	0	76.29	90.0	31.4	75	66.0
	Nov 2020	396	6.6	447.50	571	0	76.19	92.0	25.9	77	65.4

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

December 2018 24-Month Study

Most Probable Inflow*

Upper Basin Power

	Date	Glen Canyon 1000 MWHR	Flaming Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Reservoir 1000 MWHR	Fontenelle Reservoir 1000 MWHR
*	Dec 2017	339	68	27	33	19	6
H	Jan 2018	394	68	17	21	12	6
I	Feb 2018	335	60	9	12	3	5
S	Mar 2018	364	41	12	16	9	1
	Winter 2018	**2013**	**334**	**107**	**133**	**71**	**31**
T	Apr 2018	318	39	23	27	16	5
O	May 2018	318	63	23	33	20	7
R	Jun 2018	343	50	27	34	20	8
I	Jul 2018	384	48	27	36	20	8
C	Aug 2018	393	50	24	33	19	7
A	Sep 2018	288	47	8	29	16	1
	Summer 2018	**2045**	**297**	**133**	**193**	**111**	**36**
L	Oct 2018	268	39	11	19	9	4
*	Nov 2018	248	36	5	4	2	5
	Dec 2018	283	45	5	4	2	5
	Jan 2019	325	45	5	7	4	5
	Feb 2019	276	41	4	6	3	4
	Mar 2019	278	22	4	7	4	4
	Winter 2019	**1678**	**228**	**34**	**48**	**24**	**25**
	Apr 2019	233	22	11	18	10	4
	May 2019	234	22	27	43	23	5
	Jun 2019	261	50	10	19	13	8
	Jul 2019	302	31	20	27	14	10
	Aug 2019	321	38	21	28	14	6
	Sep 2019	242	37	19	25	13	3
	Summer 2019	**1594**	**201**	**107**	**160**	**88**	**37**
	Oct 2019	178	25	12	16	9	6
	Nov 2019	185	24	4	5	3	6
	Dec 2019	221	40	4	6	4	6
	Jan 2020	263	40	4	6	4	5
	Feb 2020	232	38	4	5	0	5
	Mar 2020	244	29	0	7	4	5
	Winter 2020	**1323**	**196**	**26**	**45**	**23**	**33**
	Apr 2020	217	28	0	17	10	5
	May 2020	222	34	2	80	23	7
	Jun 2020	240	76	7	16	13	8
	Jul 2020	276	45	28	35	19	10
	Aug 2020	296	45	31	37	19	9
	Sep 2020	220	44	30	36	19	2
	Summer 2020	**1252**	**228**	**68**	**184**	**85**	**39**
	Oct 2020	249	45	20	24	13	8
	Nov 2020	247	44	11	14	7	7

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

December 2018 24-Month Study

Most Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions

Date	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Total KAF	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****CREDITABLE SPACE****										
Dec 2018	561	579	808	13815	15763	17505	33268	561	579	808	1948	13815	17505	33268	4580	472	0	27.1
Jan 2019	653	581	818	14217	16268	17250	33518	653	581	818	2051	14217	17250	33518	5350	554	0	26.9
								****EFFECTIVE SPACE****										
Jan 2019	653	581	818	14217	16268	17250	33518	234	234	275	744	14217	17250	32210	5350	554	0	26.9
Feb 2019	740	584	829	14711	16863	16928	33791	321	238	286	845	14711	16928	32483	1500	710	0	26.6
Mar 2019	812	587	832	15092	17323	16849	34172	393	240	288	921	15092	16849	32862	1500	996	0	26.0
Apr 2019	791	579	817	15462	17649	17074	34723	367	233	267	866	15462	17074	33403	1500	1062	0	25.6
May 2019	752	573	791	15578	17694	17489	35183	321	226	218	765	15578	17489	33832	1500	997	0	25.8
Jun 2019	664	544	726	15221	17155	17872	35027	223	185	115	522	15221	17872	33615	1500	919	0	26.7
Jul 2019	543	390	675	14394	16002	18145	34147	90	8	9	106	14394	18145	32645	1500	843	0	26.5
								****CREDITABLE SPACE****										
Aug 2019	471	380	726	14498	16076	18203	34280	471	380	726	1578	14498	18203	34280	1500	775	0	26.1
Sep 2019	516	403	752	14893	16564	18113	34677	516	403	752	1671	14893	18113	34677	2270	735	0	25.7
Oct 2019	580	431	758	15115	16885	18170	35055	580	431	758	1769	15115	18170	35055	3040	528	0	25.4
Nov 2019	603	439	751	15148	16940	18216	35156	603	439	751	1792	15148	18216	35156	3810	624	0	25.2
Dec 2019	624	422	748	15229	17023	18332	35354	624	422	748	1794	15229	18332	35354	4580	598	0	25.1
Jan 2020	700	409	750	15412	17271	18330	35601	700	409	750	1859	15412	18330	35601	5350	607	0	24.9
								****EFFECTIVE SPACE****										
Jan 2020	700	409	750	15412	17271	18330	35601	372	375	548	1295	15412	18330	35037	5350	607	0	24.9
Feb 2020	772	398	754	15695	17618	18191	35808	443	364	551	1358	15695	18191	35243	1500	663	0	24.7
Mar 2020	832	387	747	15893	17859	18165	36025	502	354	544	1400	15893	18165	35458	1500	988	0	24.4
Apr 2020	815	362	690	16012	17879	18454	36334	479	332	481	1292	16012	18454	35759	1500	997	0	24.5
May 2020	766	321	595	15808	17489	18839	36328	423	290	361	1074	15808	18839	35721	1500	917	0	25.7
Jun 2020	625	295	439	14563	15922	19174	35096	270	264	166	701	14563	19174	34438	1500	929	0	27.2
Jul 2020	457	71	358	13207	14092	19517	33609	87	27	28	142	13207	19517	32866	1500	813	0	27.4
								****CREDITABLE SPACE****										
Aug 2020	387	55	391	12966	13800	19621	33421	387	55	391	834	12966	19621	33421	1500	773	0	27.1
Sep 2020	436	94	406	13159	14096	19612	33708	436	94	406	937	13159	19612	33708	2270	701	0	26.7
Oct 2020	512	155	403	13226	14295	19712	34007	512	155	403	1070	13226	19712	34007	3040	473	0	26.5
Nov 2020	583	183	380	13310	14457	19549	34005	583	183	380	1146	13310	19549	34005	3810	634	0	26.4

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3081

Processed On: 12/13/2018 9:33:27AM

January 24-Month Study
Date: January 14, 2019

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

Reservoir	December Inflow (unregulated) (acre-feet)	Percent of Average (%)	January 13, Midnight Elevation (feet)	January 13, Midnight Reservoir Storage (acre-feet)
Fontenelle	30,500	95	6,480.61	169,000
Flaming Gorge	29,100	83	6,026.87	3,230,000
Blue Mesa	19,500	76	7,438.26	251,000
Navajo	12,500	50	6,015.87	874,000
Powell	228,200	63	3,579.02	9,856,000

Expected Operations

The operation of Lake Powell and Lake Mead in this January 2019 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines) and reflects the draft 2019 Annual Operating Plan (AOP). Pursuant to the Interim Guidelines, the August 2018 24-Month Study projections of the January 1, 2019, system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2019.

Consistent with Section 6.B of the Interim Guidelines, the Lake Powell operational tier for water year 2019 will be governed by the Upper Elevation Balancing Tier, with an initial water year release volume of 8.23 million acre-feet (maf) and the potential for an April adjustment to equalization or balancing releases in April 2019. This January 2019 24-Month Study indicates that, consistent with Section 6.B.4 of the Interim Guidelines, an April adjustment to balancing releases is projected to occur and the contents of Lake Powell and Lake Mead will be balanced by the end of the water year, but not more than 9.0 maf and not less than 8.23 maf shall be released from Lake Powell. Based on the most probable inflow forecast, this January 24-Month Study projects a balancing release of 8.625 maf in water year 2019.

Consistent with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar year 2019.

The 2019 operational tier determinations will be documented in the 2019 AOP, which is currently in development.

The Interim Guidelines are available for download at:
https://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The draft 2019 AOP is available for download at:
https://www.usbr.gov/lc/region/g4000/AOP2019/AOP19_draft.pdf

Fontenelle Reservoir – Fontenelle Reservoir is currently at elevation 6481.1 feet above sea level (feet), which amounts to 50 percent of live storage capacity. Inflows for the month of December totaled 30,500 acre-feet (af), or 95 percent of average. Average inflows are occurring and releases are being adjusted to increase available capacity in the reservoir. Releases are currently set at 1,000 cubic feet per second (cfs).

The Colorado Basin River Forecast Center has forecasted inflows that are near average. January, February, and March forecasted inflow volumes amount to 28,000 af (92 percent of average), 26,000 af (94 percent of average), and 43,000 af (82 percent of average), respectively.

The next Fontenelle Working Group meeting is scheduled for 10:00 a.m., April 24, 2019. The meeting will be held at the Seedskadee National Wildlife Refuge. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir.

Flaming Gorge Reservoir – Releases are currently set at 2,000 cfs with fluctuations for hydropower. Average daily releases will likely remain at 2,000 cfs through the end of February.

Inflow into Flaming Gorge Reservoir during the month of December was 60,000 af, or 104 percent of average. The current reservoir elevation is 6027.0 feet (86 percent of live capacity) and decreasing.

The January final forecast for unregulated inflows into Flaming Gorge for the next three months projects near average conditions: January, February, and March forecasted unregulated inflow volumes at 34,000 af (84 percent of average), 36,000 af (81 percent of average), and 80,000 af (78 percent of average), respectively.

The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stakeholders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations and plans presented by Reclamation at these meetings. Meeting notes from past Working Group meetings are posted on the

Working Group webpage. For more information on this group and these meetings please contact Dale Hamilton at 801-379-1186 or Jed Parker at 801-524-3816.

Reclamation will be holding the Flaming Gorge Working Group meeting on Thursday, March 7, 2019 at 11:00 a.m. at the Carbon County Event Center, 310 South Fairground Road, Price Utah.

Aspinall Unit Reservoirs – As of January 10, 2019 releases from Crystal Dam are approximately 345 cfs. Uncompahgre Valley Water Users Association has stopped diversions through the Gunnison Tunnel except for periodic diversions to fill Fairview Reservoir. Flows through the Black Canyon are approximately 325 cfs. There is currently about a 20 cfs loss to the Gunnison River between Crystal Dam and the Gunnison Tunnel Diversion. As of January 10, 2019, Blue Mesa Reservoir elevation is 7438.02 feet which corresponds to storage content of 249,785 af (30 percent of capacity).

The December unregulated inflow to Blue Mesa Reservoir was 19,500 af (75 percent of average). Unregulated Inflows to Blue Mesa for the next three months (January, February and March) are projected to be: 16,000 af (67 percent of average), 14,000 af (64 percent of average) and 25,000 af (69 percent of average), respectively. For water year 2019, the unregulated inflow volume is forecasted to be 697,900 af (73 percent of average) with 500,000 af (74 percent of average) of unregulated inflow occurring during the April through July period. The January 24-Month Study is reflective of this new forecast.

Conditions are clearly very dry. Blue Mesa Reservoir did not fill in water year 2018 and will most likely not fill in water year 2019 either. Current projections indicate Blue Mesa storage will remain near the current level till March of 2019 before rebounding during the spring runoff. Current projections indicate Blue Mesa is at or near its low elevation for this year. The peak elevation for this water year will occur in or around late July when the elevation is projected to be 7475 feet. The projected end of water year 2019 elevation of Blue Mesa is 7467.15 feet which corresponds to a live storage content of 423,000 acre-feet (49 percent of full capacity).

The Aspinall Unit Working Group is an open public forum for information exchange between Reclamation and the stakeholders of the Aspinall Unit. The public is encouraged to attend and comments on the operations and plans presented by Reclamation at these meetings. Meeting notes from past working Group meetings are posted on the Working Group webpage. For more information on this group and these meetings please contact Erik Knight in the Grand Junction Area Office at (970) 248-0629.

Meeting notes from past working Group meetings are posted on the Working Group webpage at:

https://www.usbr.gov/uc/wcao/water/rsvrs/mtgs/amcurrnt.html

The next meeting of the Aspinall Unit Working Group will be held on Thursday, January 17, 2019 at 1:00 pm at the Holiday Inn Express located in Montrose, Colorado.

Navajo Reservoir – As of January 8, 2019, daily average release rate from Navajo Dam is 367 cfs and the observed inflow to Navajo Reservoir is 237 cfs. The reservoir elevation is 6016.04 feet which corresponds to a live storage of 875 thousand acre-feet (kaf) (51 percent of live storage capacity). This elevation also corresponds to an active storage of 214 kaf (21 percent of active storage capacity). The river flow measured at the San Juan River at Four Corners USGS gage is 650 cfs. River flow at the Animas River at Farmington USGS gage is at 235 cfs. Releases from Navajo Dam are made for the authorized purposes of the Navajo Unit, and pursuant to the 2006 Record of Decision, to attempt to maintain a target base flow through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell). The San Juan River Basin Recovery Implementation Program (SJRIP) recommends a target base flow of between 500 cfs and 1,000 cfs through the critical habitat area. The target base flow is calculated as the weekly average of gaged flows throughout the critical habitat area.

Preliminary modified-unregulated inflow into Navajo (inflow adjusted for upstream change in storage, reservoir evaporation and exportation from the basin) in December was 12,548 af (50 percent of average). SNOTEL sites above Navajo are at 73 percent of average with 7.6 inches of SWE.

Forecast modified-unregulated inflow to Navajo over the next three months (January, February, and March) are projected to be: 13,000 af (59 percent of average), 15,000 af (50 percent of average), and 38,000 af (41 percent of average), respectively.

The April through July runoff forecasts are as follows:
Min Probable: 230,000 af (31 percent of average)
Most Probable: 370,000 af (50 percent of average)
Max Probable: 700,000 af (95 percent of average)

The winter release will target the minimum baseflow in the critical habitat reach and may be reduced to as low as the minimum release of 250 cfs, so long as the target baseflow downstream is still met. Releases will remain as low as possible over the winter in an effort to conserve water in the reservoir.

Based on current storage and long-term projections, Navajo has a 10 percent chance of filling to at least 6050 ft and a 3 percent chance of filling to at least 6060 ft in the spring of 2019. Based on current projections there are no plans for a spring peak release.

Reclamation conducts Public Operations Meetings three times per year to gather input for determining upcoming operations for Navajo Reservoir. Input from individuals, organizations, and agencies along with other factors such as weather, water rights, endangered species requirements, flood control, hydro power, recreation, fish and wildlife management, and reservoir levels, will be considered in the development of these reservoir operation plans. In addition, the meetings are used to coordinate activities and

exchange information among agencies, water users, and other interested parties concerning the San Juan River and Navajo Reservoir.

The next Navajo Public Operations Coordination Meeting is scheduled for Tuesday, January 29th, 2019, at 1:00 p.m. at the Farmington Civic Center, Farmington, NM.

Glen Canyon Dam / Lake Powell

Current Status

The unregulated inflow in December was 228 thousand acre-feet (63 percent of average). December precipitation in the Upper Colorado Basin was 65 percent of average. The release volume from Glen Canyon Dam in December was 740 kaf. The end of December elevation and storage of Lake Powell were 3,581.85 feet (118.15 feet from full pool) 10.10 maf (42 percent of full capacity).

Current Operations

The operating tier for water year 2019 was established in August 2018 as the Upper Elevation Balancing Tier. As described in the Interim Guidelines, under balancing, the contents of Lake Powell and Lake Mead are to be balanced by the end of the water year, but not more than 9.0 maf and not less than 8.23 maf is to be released from Lake Powell. Under this Tier the initial annual water year release volume is 8.23 maf but there is potential for an April 2019 adjustment to equalization or balancing releases. Based on the current forecast, an April adjustment to balancing releases is projected and Lake Powell is currently projected to release 8.625 maf in water year 2019. This projection will be updated each month throughout the water year.

In January, the release volume will be approximately 806 kaf, with fluctuations anticipated between about 8,500 cfs in the nighttime to about 16,240 cfs in the daytime and consistent with the Glen Canyon Dam, Record of Decision on LTEMP (dated December, 2016). The anticipated release volume for February is 740 kaf.

In addition to daily scheduled fluctuations for power generation, the instantaneous releases from Glen Canyon Dam may also fluctuate to provide 40 megawatts (mw) of system regulation. These instantaneous release adjustments stabilize the electrical generation and transmission system and translate to a range of about 1,200 cfs above or below the hourly scheduled release rate. Under normal conditions, fluctuations for regulation are typically short lived and generally balance out over the hour with minimal or no noticeable impacts on downstream river flow conditions.

Releases from Glen Canyon Dam can also fluctuate beyond scheduled releases when called upon to respond to power system emergencies. Depending on the severity of the system emergency, the response from Glen Canyon Dam can be significant and within the full range of the operating capacity of the power plant for as long as is necessary to maintain balance in the transmission system. Glen Canyon Dam currently maintains 28 mw (approximately 830 cfs) of generation capacity in reserve in order to respond to a system emergency even when generation rates are already high. System emergencies

occur fairly infrequently and typically require small responses from Glen Canyon Dam. However, these responses can have a noticeable impact on the river downstream of Glen Canyon Dam.

Inflow Forecasts and Model Projections

The forecast for water year 2019 unregulated inflow to Lake Powell, issued on January 1, 2019, by the Colorado Basin River Forecast Center, projects that the most probable (median) unregulated inflow volume next year will be 6.98 maf (64 percent of average). There is significant uncertainty regarding next season's snow pack development and resulting runoff into Lake Powell. The forecast ranges from a minimum probable of 4.81 maf (44 percent of average) to a maximum probable of 10.38 maf (96 percent of average). There is a 10 percent chance that inflows could be higher than the current maximum probable forecast and a 10 percent chance that inflows could be lower than the minimum probable forecast.

Based on the current forecast, the January 24-Month Study projects Lake Powell elevation will end water year 2019 near 3,571.07 feet with approximately 9.19 maf in storage (38 percent of capacity). Note that projections of elevation and storage for water year 2019 have significant uncertainty at this point in the season. Projections of end of water year 2019 elevation and storage using the minimum and maximum probable inflow forecast from January 2019 are 3,543.56 feet (7.992 maf, 33 percent of capacity) and 3,588.09 feet (11.366 maf, 47 percent of capacity), respectively. Under these scenarios, there is a 10 percent chance that inflows will be higher, resulting in higher elevation and storage, and 10 percent chance that inflows will be lower, resulting in lower elevation and storage. The annual release volume from Lake Powell during water year 2019 is projected to be 8.625 maf under the January most probable scenario, and 9.0 maf under the January maximum probable inflow scenarios and 8.23 maf under the January minimum probable inflow scenario.

Upper Colorado River Basin Hydrology

Upper Colorado River Basin regularly experiences significant year to year hydrologic variability. During the 19-year period 2000 to 2018, however, the unregulated inflow to Lake Powell, which is a good measure of hydrologic conditions in the Colorado River Basin, was above average in only 4 out of the past 19 years. The period 2000-2018 is the lowest 19-year period since the closure of Glen Canyon Dam in 1963, with an average unregulated inflow of 8.54 maf, or 79 percent of the 30-year average (1981-2010). (For comparison, the 1981-2010 total water year average is 10.83 maf.) The unregulated inflow during the 2000-2018 period has ranged from a low of 2.64 maf (24 percent of average) in water year 2002 to a high of 15.97 maf (147 percent of average) in water year 2011. In water year 2018 unregulated inflow volume to Lake Powell was 4.6 maf (43 percent of average), the third driest year on record above 2002 and 1977. Under the current most probable forecast, the total water year 2019 unregulated inflow to Lake Powell is projected to be 6.98 maf (64 percent of average).

At the beginning of water year 2019, total system storage in the Colorado River Basin was 28.01 maf (47 percent of 59.6 maf total system capacity). This is a decrease of 4.91 maf over the total storage at the beginning of water year 2018 when total system storage

was 32.92 maf (55 percent of capacity). Since the beginning of water year 2000, total Colorado Basin storage has experienced year to year increases and decreases in response to wet and dry hydrology, ranging from a high of 94 percent of capacity at the beginning of 2000 to the now current level of 47 percent of capacity at the beginning of water year 2019. Based on current inflow forecasts, the current projected end of water year total Colorado Basin reservoir storage for water year 2019 is approximately 25.220 maf (42 percent of total system capacity). The actual end of water year 2019 system storage may vary from this projection, primarily due to uncertainty regarding this season's runoff and reservoir inflow.

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-430
125 SOUTH STATE STREET, ROOM 8100
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-3709

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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:	Obs			dec	Forecast			Outlook	
:	sep	oct	nov	dec	%Avg	jan	feb	mar	apr-jul	%Avg
GLDA3:Lake Powell	0.92	351	254	228	63%:	235/	260/	415/	4550/:	64%
GBRW4:Fontenelle	30	42	38	30	94%:	28/	26/	43/	500/:	69%
GRNU1:Flaming Gorge	17.3	54	40	29	83%:	34/	36/	80/	630/:	64%
BMDC2:Blue Mesa	11.6	23	22	20	78%:	16/	14/	25/	500/:	74%
MPSC2:Morrow Point	13.8	24	23	21	76%:	17/	15/	27/	545/:	74%
CLSC2:Crystal	15.2	27	26	25	77%:	21/	18/	31/	610/:	73%
TPIC2:Taylor Park	2.9	4.6	3.3	3.6	77%:	3/	2.5/	2.5/	75/:	76%
VCRC2:Vallecito	3.3	8.5	5.2	3.3	52%:	3/	2.5/	4/	125/:	64%
NVRN5:Navajo	2.5	23	15.3	12.5	50%:	13/	15/	38/	370/:	50%
LEMC2:Lemon	0.48	1.85	1.02	0.52	47%:	0.5/	0.5/	1/	33/:	60%
MPHC2:McPhee	3.1	4.7	2.0	1.41	32%:	2/	2/	9/	190/:	64%
RBSC2:Ridgway	2.6	3.3	3.7	3.3	73%:	2.5/	2/	4/	74/:	73%
YDLC2:Deerlodge	1.79	18.3	18.5	19.3	76%:	16/	18/	55/	1050/:	85%

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

January 2019 24-Month Study

Most Probable Inflow*

Fontenelle Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jan 2018	42	1	79	1	80	6479.83	165
H	Feb 2018	38	0	72	0	72	6472.86	131
I	Mar 2018	58	0	16	56	71	6469.78	117
S	Apr 2018	101	1	83	4	87	6472.76	130
T	May 2018	354	2	100	123	223	6494.84	260
O	Jun 2018	404	2	101	269	370	6499.18	292
R	Jul 2018	138	3	92	8	100	6503.79	327
I	Aug 2018	50	2	75	1	76	6500.10	299
C	Sep 2018	30	2	7	58	65	6495.11	262
	WY 2018	**1397**	**15**	**856**	**528**	**1382**		
A	Oct 2018	42	1	45	20	65	6491.62	238
L	Nov 2018	38	1	60	0	60	6488.29	216
*	Dec 2018	30	1	61	1	61	6483.19	184
	Jan 2019	28	1	61	0	61	6476.92	151
	Feb 2019	26	0	56	0	56	6470.42	121
	Mar 2019	43	0	46	0	46	6469.59	117
	Apr 2019	60	1	45	0	45	6472.96	132
	May 2019	100	1	48	0	48	6482.86	183
	Jun 2019	220	2	102	0	102	6500.05	299
	Jul 2019	120	3	79	0	79	6504.94	337
	Aug 2019	57	2	55	0	55	6504.86	337
	Sep 2019	37	2	36	30	65	6500.96	306
	WY 2019	**802**	**15**	**693**	**50**	**744**		
	Oct 2019	42	1	69	0	69	6497.20	278
	Nov 2019	39	1	67	0	67	6493.23	250
	Dec 2019	32	1	69	0	69	6487.54	212
	Jan 2020	30	1	69	0	69	6481.04	173
	Feb 2020	28	1	65	0	65	6473.60	135
	Mar 2020	53	0	71	0	71	6469.38	117
	Apr 2020	85	1	77	0	77	6471.13	124
	May 2020	164	1	99	18	117	6480.50	170
	Jun 2020	299	2	102	70	173	6499.37	294
	Jul 2020	178	3	102	39	141	6503.72	328
	Aug 2020	77	2	98	0	98	6500.60	303
	Sep 2020	46	2	20	40	60	6498.55	288
	WY 2020	**1073**	**15**	**908**	**168**	**1076**		
	Oct 2020	49	1	55	0	55	6497.47	280
	Nov 2020	42	1	54	0	54	6495.79	268
	Dec 2020	32	1	55	0	55	6492.36	244

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

January 2019 24-Month Study

Most Probable Inflow*

Flaming Gorge Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	Jan 2018	52	90	2	175	0	175	131	6027.65	3259	208
H	Feb 2018	57	91	2	155	1	157	129	6025.91	3194	197
I	Mar 2018	86	99	3	106	0	106	128	6025.65	3184	178
S	Apr 2018	121	108	5	101	0	101	128	6025.69	3186	277
T	May 2018	422	290	8	163	6	169	133	6028.57	3294	572
O	Jun 2018	435	401	11	125	0	125	143	6035.09	3550	278
R	Jul 2018	140	102	14	120	0	120	142	6034.33	3519	141
I	Aug 2018	42	68	13	124	0	124	139	6032.67	3453	142
C	Sep 2018	17	52	11	119	0	119	136	6030.75	3378	132
	WY 2018	**1594**	**1580**	**82**	**1608**	**7**	**1616**				**2638**
A	Oct 2018	54	77	7	99	0	99	135	6030.03	3350	131
L	Nov 2018	40	61	4	93	0	93	133	6029.15	3316	121
*	Dec 2018	29	60	2	124	0	124	131	6027.49	3253	153
	Jan 2019	34	67	2	123	0	123	129	6026.02	3198	139
	Feb 2019	36	66	2	111	0	111	127	6024.79	3152	129
	Mar 2019	80	83	3	55	0	55	128	6025.43	3176	110
	Apr 2019	95	80	5	48	0	48	129	6026.14	3202	188
	May 2019	145	93	8	49	0	49	130	6027.06	3237	459
	Jun 2019	250	132	10	136	0	136	130	6026.67	3222	566
	Jul 2019	140	99	13	74	0	74	130	6026.97	3234	144
	Aug 2019	65	63	12	92	0	92	129	6025.91	3194	112
	Sep 2019	40	68	11	89	0	89	127	6025.09	3163	101
	WY 2019	**1008**	**950**	**79**	**1094**	**0**	**1094**				**2355**
	Oct 2019	48	75	7	55	0	55	128	6025.41	3175	80
	Nov 2019	46	74	3	54	0	54	128	6025.86	3192	81
	Dec 2019	35	72	2	98	0	98	127	6025.13	3165	124
	Jan 2020	40	79	2	98	0	98	127	6024.58	3145	123
	Feb 2020	45	82	2	92	0	92	126	6024.26	3133	120
	Mar 2020	102	120	3	80	0	80	128	6025.23	3169	157
	Apr 2020	134	125	5	77	0	77	129	6026.35	3210	293
	May 2020	245	198	8	120	0	120	132	6028.15	3278	652
	Jun 2020	390	263	10	244	0	244	132	6028.38	3287	664
	Jul 2020	210	174	14	123	0	123	134	6029.32	3323	223
	Aug 2020	89	111	13	123	0	123	133	6028.69	3299	148
	Sep 2020	55	69	11	119	0	119	130	6027.13	3240	138
	WY 2020	**1439**	**1442**	**79**	**1284**	**0**	**1284**				**2802**
	Oct 2020	59	66	7	92	0	92	129	6026.27	3207	125
	Nov 2020	51	63	3	89	0	89	128	6025.49	3178	121
	Dec 2020	35	58	2	117	0	117	126	6023.92	3120	142

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

January 2019 24-Month Study

Most Probable Inflow*

Taylor Park Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jan 2018	4	6	9312.64	74
H	Feb 2018	4	6	9311.50	72
I	Mar 2018	5	6	9310.51	71
S	Apr 2018	8	7	9311.18	72
T	May 2018	24	12	9318.33	84
O	Jun 2018	13	15	9317.29	82
R	Jul 2018	5	14	9311.71	73
I	Aug 2018	3	13	9305.51	63
C	Sep 2018	3	8	9301.71	58
	WY 2018	**88**	**108**		
A	Oct 2018	5	3	9302.60	59
L	Nov 2018	3	3	9302.61	59
*	Dec 2018	4	3	9302.74	59
	Jan 2019	3	3	9302.67	59
	Feb 2019	2	3	9302.10	58
	Mar 2019	2	3	9301.32	57
	Apr 2019	6	3	9303.44	60
	May 2019	21	10	9310.67	71
	Jun 2019	35	15	9322.18	91
	Jul 2019	13	18	9319.46	86
	Aug 2019	8	15	9315.49	79
	Sep 2019	6	13	9311.29	72
	WY 2019	**108**	**93**		
	Oct 2019	6	6	9311.18	72
	Nov 2019	5	5	9311.02	72
	Dec 2019	5	5	9310.70	71
	Jan 2020	4	5	9310.17	70
	Feb 2020	4	5	9309.47	69
	Mar 2020	4	8	9307.18	66
	Apr 2020	9	8	9307.68	66
	May 2020	28	30	9306.55	65
	Jun 2020	42	30	9313.90	76
	Jul 2020	20	10	9319.70	86
	Aug 2020	10	8	9320.96	89
	Sep 2020	7	8	9320.62	88
	WY 2020	**144**	**128**		
	Oct 2020	7	6	9320.98	89
	Nov 2020	5	5	9321.04	89
	Dec 2020	5	5	9320.86	89

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Managing Water in the West

January 2019 24-Month Study

Most Probable Inflow*

Blue Mesa Reservoir

	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jan 2018	20	22	0	60	0	60	7486.51	554
H	Feb 2018	23	25	0	32	0	32	7485.54	547
I	Mar 2018	28	29	0	43	0	43	7483.73	534
S	Apr 2018	48	47	1	82	0	82	7478.94	498
T	May 2018	112	100	1	85	0	85	7480.90	513
O	Jun 2018	56	57	1	98	0	98	7475.06	471
R	Jul 2018	21	31	1	101	0	101	7464.43	399
I	Aug 2018	19	28	1	93	0	93	7453.77	334
C	Sep 2018	12	17	1	30	39	68	7444.44	282
	WY 2018	**433**	**453**	**7**	**856**	**39**	**895**		
A	Oct 2018	23	22	0	46	11	56	7437.59	248
L	Nov 2018	22	21	0	19	0	19	7438.08	250
*	Dec 2018	20	19	0	21	0	21	7437.82	249
	Jan 2019	16	16	0	17	0	17	7437.68	248
	Feb 2019	14	15	0	15	0	15	7437.52	247
	Mar 2019	25	26	0	19	0	19	7438.99	255
	Apr 2019	52	49	0	42	0	42	7440.36	261
	May 2019	144	133	1	100	0	100	7446.62	294
	Jun 2019	220	200	1	37	0	37	7472.90	456
	Jul 2019	84	89	1	68	0	68	7475.68	475
	Aug 2019	44	51	1	76	0	76	7471.89	449
	Sep 2019	35	42	1	66	0	66	7468.15	423
	WY 2019	**698**	**684**	**6**	**526**	**11**	**536**		
	Oct 2019	36	36	0	42	0	42	7467.28	418
	Nov 2019	30	31	0	13	0	13	7469.95	435
	Dec 2019	26	26	0	14	0	14	7471.79	448
	Jan 2020	24	25	0	13	0	13	7473.48	460
	Feb 2020	22	23	0	13	0	13	7475.02	470
	Mar 2020	36	40	0	0	14	14	7478.52	495
	Apr 2020	77	76	1	0	35	35	7484.08	536
	May 2020	221	223	1	6	189	195	7487.56	562
	Jun 2020	261	249	1	24	0	24	7514.62	786
	Jul 2020	117	107	2	90	0	90	7516.31	802
	Aug 2020	63	61	1	99	0	99	7511.91	763
	Sep 2020	38	39	1	98	0	98	7504.86	702
	WY 2020	**952**	**936**	**8**	**411**	**238**	**649**		
	Oct 2020	38	38	1	65	0	65	7501.55	674
	Nov 2020	31	31	0	36	0	36	7500.91	669
	Dec 2020	26	26	0	47	0	47	7498.28	647

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

January 2019 24-Month Study

Most Probable Inflow*

Morrow Point Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jan 2018	22	60	2	62	62	0	63	7150.65	110
H	Feb 2018	24	32	1	33	34	0	34	7149.19	108
I	Mar 2018	29	43	1	44	49	0	49	7143.05	104
S	Apr 2018	54	82	6	87	79	0	79	7154.30	112
T	May 2018	121	85	8	94	94	0	94	7153.76	112
O	Jun 2018	57	98	2	99	99	0	99	7154.16	112
R	Jul 2018	22	101	1	102	101	0	101	7155.49	113
I	Aug 2018	19	93	0	93	94	0	94	7153.96	112
C	Sep 2018	14	68	2	70	84	0	84	7135.77	98
	WY 2018	**460**	**895**	**27**	**922**	**935**	**0**	**937**		
A	Oct 2018	24	56	1	57	56	0	56	7136.92	99
L	Nov 2018	23	19	1	20	13	0	15	7143.47	104
*	Dec 2018	21	21	1	22	18	0	18	7147.95	107
	Jan 2019	17	17	1	18	13	0	13	7153.73	112
	Feb 2019	15	15	1	16	16	0	16	7153.73	112
	Mar 2019	27	19	2	21	21	0	21	7153.73	112
	Apr 2019	59	42	7	49	49	0	49	7153.73	112
	May 2019	162	100	18	118	118	0	118	7153.73	112
	Jun 2019	235	37	15	52	52	0	52	7153.73	112
	Jul 2019	89	68	5	73	73	0	73	7153.73	112
	Aug 2019	47	76	3	79	79	0	79	7153.73	112
	Sep 2019	38	66	3	69	69	0	69	7153.73	112
	WY 2019	**757**	**536**	**59**	**595**	**579**	**0**	**581**		
	Oct 2019	39	42	3	44	44	0	44	7153.73	112
	Nov 2019	33	13	2	15	15	0	15	7153.73	112
	Dec 2019	28	14	2	16	16	0	16	7153.73	112
	Jan 2020	27	13	2	16	16	0	16	7153.73	112
	Feb 2020	25	13	3	15	15	0	15	7153.73	112
	Mar 2020	40	14	4	18	18	0	18	7153.73	112
	Apr 2020	88	35	11	46	46	0	46	7153.73	112
	May 2020	247	195	26	221	221	0	221	7153.73	112
	Jun 2020	281	24	20	44	44	0	44	7153.73	112
	Jul 2020	123	90	6	96	96	0	96	7153.73	112
	Aug 2020	67	99	3	103	103	0	103	7153.73	112
	Sep 2020	41	98	3	101	101	0	101	7153.73	112
	WY 2020	**1038**	**649**	**85**	**735**	**735**	**0**	**735**		
	Oct 2020	41	65	3	67	67	0	67	7153.73	112
	Nov 2020	33	36	2	38	38	0	38	7153.73	112
	Dec 2020	28	47	2	49	49	0	49	7153.73	112

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

January 2019 24-Month Study

Most Probable Inflow*

Crystal Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
*	Jan 2018	25	63	3	66	62	4	66	6747.99	16	1	65
H	Feb 2018	27	34	3	37	16	20	36	6750.06	16	0	34
I	Mar 2018	33	49	4	52	53	0	53	6747.97	16	13	38
S	Apr 2018	60	79	6	84	84	0	84	6749.35	16	53	28
T	May 2018	129	94	9	102	102	0	102	6749.41	16	62	39
O	Jun 2018	61	99	3	102	102	0	102	6750.48	16	63	42
R	Jul 2018	24	101	2	103	103	0	103	6750.59	16	64	41
I	Aug 2018	21	94	2	96	98	0	98	6744.83	15	65	36
C	Sep 2018	15	84	1	85	87	0	87	6737.22	13	59	33
	WY 2018	**505**	**937**	**45**	**982**	**959**	**26**	**985**			**438**	**553**
A	Oct 2018	27	56	3	59	55	0	55	6751.87	17	33	24
L	Nov 2018	26	15	4	19	21	0	21	6743.11	14	1	19
*	Dec 2018	25	18	4	22	21	0	22	6745.32	15	0	20
	Jan 2019	21	13	4	17	15	0	15	6753.04	17	0	15
	Feb 2019	18	16	3	19	19	0	19	6753.04	17	0	19
	Mar 2019	31	21	4	25	25	0	25	6753.04	17	5	20
	Apr 2019	68	49	9	58	58	0	58	6753.04	17	42	16
	May 2019	184	118	22	140	134	6	140	6753.04	17	62	78
	Jun 2019	260	52	25	77	77	0	77	6753.04	17	61	16
	Jul 2019	98	73	9	82	82	0	82	6753.04	17	65	17
	Aug 2019	50	79	3	82	82	0	82	6753.04	17	65	17
	Sep 2019	42	69	4	73	73	0	73	6753.04	17	55	18
	WY 2019	**850**	**581**	**93**	**675**	**664**	**7**	**670**			**389**	**280**
	Oct 2019	44	44	5	49	49	0	49	6753.04	17	30	19
	Nov 2019	37	15	4	19	19	0	19	6753.04	17	0	19
	Dec 2019	32	16	5	20	20	0	20	6753.04	17	0	20
	Jan 2020	31	16	5	20	20	0	20	6753.04	17	0	20
	Feb 2020	29	15	4	19	0	19	19	6753.04	17	0	19
	Mar 2020	46	18	6	25	25	0	25	6753.04	17	5	20
	Apr 2020	101	46	12	58	58	0	58	6753.04	17	42	16
	May 2020	281	221	34	256	134	121	256	6753.04	17	62	194
	Jun 2020	315	44	34	78	78	0	78	6753.04	17	61	17
	Jul 2020	138	96	14	111	111	0	111	6753.04	17	65	46
	Aug 2020	75	103	8	111	111	0	111	6753.04	17	65	46
	Sep 2020	47	101	6	107	107	0	107	6753.04	17	55	52
	WY 2020	**1175**	**735**	**138**	**873**	**732**	**140**	**873**			**385**	**488**
	Oct 2020	47	67	6	73	73	0	73	6753.04	17	30	43
	Nov 2020	38	38	5	43	43	0	43	6753.04	17	0	43
	Dec 2020	32	49	5	54	54	0	54	6753.04	17	0	54

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Managing Water in the West

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Most Probable Inflow*

Vallecito Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jan 2018	3	0	7641.42	67
H	Feb 2018	3	0	7642.57	70
I	Mar 2018	4	0	7644.11	73
S	Apr 2018	15	3	7649.29	85
T	May 2018	30	31	7648.91	84
O	Jun 2018	14	35	7639.22	63
R	Jul 2018	8	35	7624.15	35
I	Aug 2018	5	19	7613.87	22
C	Sep 2018	3	4	7613.06	21
	WY 2018	**102**	**153**		
A	Oct 2018	9	3	7617.56	26
L	Nov 2018	5	0	7621.25	31
*	Dec 2018	3	0	7623.31	34
	Jan 2019	3	0	7625.00	36
	Feb 2019	2	0	7626.01	38
	Mar 2019	4	0	7628.12	41
	Apr 2019	13	0	7634.91	54
	May 2019	42	30	7640.71	66
	Jun 2019	52	41	7645.28	76
	Jul 2019	18	40	7634.55	53
	Aug 2019	13	37	7619.93	29
	Sep 2019	12	29	7603.66	12
	WY 2019	**176**	**182**		
	Oct 2019	12	16	7599.27	9
	Nov 2019	8	2	7606.24	14
	Dec 2019	6	2	7610.94	18
	Jan 2020	5	2	7614.18	22
	Feb 2020	5	2	7616.68	25
	Mar 2020	9	2	7621.74	32
	Apr 2020	23	2	7634.36	53
	May 2020	71	31	7652.34	93
	Jun 2020	70	43	7662.90	120
	Jul 2020	29	41	7657.92	107
	Aug 2020	20	38	7650.57	88
	Sep 2020	17	29	7645.42	76
	WY 2020	**277**	**209**		
	Oct 2020	16	16	7644.97	75
	Nov 2020	9	2	7647.66	81
	Dec 2020	6	2	7649.52	86

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January 2019 24-Month Study

Most Probable Inflow*

Navajo Reservoir

	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azetea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Farmington Flow (1000 Ac-Ft)
*	Jan 2018	12	0	9	1	0	23	6052.47	1255	40
H	Feb 2018	13	0	11	1	1	17	6051.73	1246	33
I	Mar 2018	24	2	19	2	6	21	6050.92	1236	30
S	Apr 2018	70	13	46	2	20	38	6049.73	1222	42
T	May 2018	88	16	71	3	36	32	6049.80	1223	69
O	Jun 2018	6	3	24	4	42	42	6044.23	1159	49
R	Jul 2018	-9	0	18	4	42	51	6036.94	1080	53
I	Aug 2018	-7	0	7	3	42	51	6028.27	991	48
C	Sep 2018	2	0	3	2	27	46	6020.80	919	42
	WY 2018	**268**	**36**	**283**	**24**	**224**	**405**			**540**
A	Oct 2018	23	1	17	1	7	31	6018.35	897	40
L	Nov 2018	15	0	10	1	0	18	6017.43	888	34
*	Dec 2018	13	0	9	0	0	18	6016.39	879	29
	Jan 2019	13	0	10	0	0	21	6015.20	868	28
	Feb 2019	15	0	13	1	0	16	6014.80	864	22
	Mar 2019	38	0	34	1	5	16	6016.13	876	27
	Apr 2019	70	1	56	2	21	17	6017.98	893	42
	May 2019	145	5	127	3	36	45	6022.69	937	137
	Jun 2019	120	17	93	3	52	30	6023.46	944	143
	Jul 2019	35	13	44	3	57	24	6019.23	905	69
	Aug 2019	38	1	61	3	48	28	6017.30	887	53
	Sep 2019	30	1	46	2	26	22	6016.82	883	44
	WY 2019	**555**	**40**	**521**	**20**	**251**	**287**			**668**
	Oct 2019	37	1	40	1	10	22	6017.59	890	44
	Nov 2019	30	1	24	1	0	21	6017.86	892	37
	Dec 2019	25	0	20	0	0	22	6017.69	890	37
	Jan 2020	22	0	18	0	0	22	6017.29	887	35
	Feb 2020	30	0	27	1	0	20	6017.98	893	33
	Mar 2020	92	0	85	1	6	22	6024.06	950	44
	Apr 2020	170	9	140	2	22	21	6033.68	1046	73
	May 2020	277	21	216	3	36	22	6047.92	1201	168
	Jun 2020	224	37	159	4	53	21	6054.80	1283	172
	Jul 2020	66	29	50	4	57	22	6052.08	1250	89
	Aug 2020	45	5	58	3	48	22	6050.79	1235	61
	Sep 2020	43	2	53	3	26	21	6051.10	1239	53
	WY 2020	**1062**	**104**	**891**	**24**	**257**	**255**			**845**
	Oct 2020	47	2	46	2	0	22	6053.00	1261	50
	Nov 2020	34	2	25	1	0	21	6053.30	1265	39
	Dec 2020	25	0	20	1	0	22	6053.14	1263	37

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Managing Water in the West

January 2019 24-Month Study

Most Probable Inflow*

Lake Powell

	Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry Gage (1000 Ac-Ft)
*	Jan 2018	262	442	9	860	0	860	3619.14	5147	13672	861
H	Feb 2018	269	387	10	730	0	730	3616.02	5121	13346	750
I	Mar 2018	332	395	16	800	0	800	3612.23	5090	12956	835
S	Apr 2018	382	419	25	705	0	705	3609.39	5067	12669	738
T	May 2018	1214	968	29	705	0	705	3611.54	5085	12886	730
O	Jun 2018	883	635	45	760	0	760	3609.98	5072	12728	781
R	Jul 2018	123	252	53	860	0	860	3603.80	5023	12116	877
I	Aug 2018	11	260	50	900	0	900	3597.12	4972	11477	911
C	Sep 2018	1	230	45	670	0	670	3592.28	4936	11028	690
	WY 2018	**4612**	**5459**	**386**	**9000**	**0**	**9000**				**9158**
A	Oct 2018	351	477	30	625	0	625	3590.46	4923	10862	650
L	Nov 2018	254	307	29	585	77	662	3586.50	4894	10507	668
*	Dec 2018	228	322	22	740	0	740	3581.85	4862	10099	741
	Jan 2019	235	326	7	806	0	806	3576.56	4826	9648	817
	Feb 2019	260	338	7	740	0	740	3571.99	4795	9269	744
	Mar 2019	415	367	11	750	0	750	3567.47	4766	8904	755
	Apr 2019	590	501	18	630	0	630	3565.76	4755	8768	638
	May 2019	1200	1001	21	630	0	630	3569.82	4781	9093	636
	Jun 2019	2000	1683	35	735	0	735	3579.98	4849	9938	743
	Jul 2019	760	738	43	800	0	800	3578.84	4841	9840	819
	Aug 2019	370	469	42	900	0	900	3573.60	4806	9402	918
	Sep 2019	320	420	38	606	0	606	3571.07	4789	9194	617
	WY 2019	**6983**	**6948**	**303**	**8548**	**77**	**8625**				**8746**
	Oct 2019	438	446	26	480	0	480	3570.39	4785	9138	486
	Nov 2019	439	420	25	500	0	500	3569.18	4777	9041	500
	Dec 2019	363	411	20	600	0	600	3566.75	4761	8847	605
	Jan 2020	361	408	6	720	0	720	3562.99	4738	8552	731
	Feb 2020	393	421	6	640	0	640	3560.27	4721	8344	644
	Mar 2020	665	556	10	675	0	675	3558.69	4712	8224	680
	Apr 2020	1056	838	17	600	0	600	3561.39	4728	8429	608
	May 2020	2343	1994	21	600	0	600	3577.18	4830	9700	606
	Jun 2020	2666	2170	38	630	0	630	3592.96	4941	11091	638
	Jul 2020	1091	1018	48	710	0	710	3595.56	4960	11331	729
	Aug 2020	500	600	48	760	0	760	3593.47	4945	11138	778
	Sep 2020	408	538	44	565	0	565	3592.76	4939	11072	576
	WY 2020	**10723**	**9818**	**310**	**7480**	**0**	**7480**				**7580**
	Oct 2020	512	548	31	640	0	640	3591.52	4930	10959	646
	Nov 2020	473	505	29	640	0	640	3589.85	4918	10807	640
	Dec 2020	363	463	23	720	0	720	3586.96	4897	10547	725

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January 2019 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Glen Release (1000 Ac-Ft)	Side Inflow Glen to Hoover (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Jan 2018	860	78	30	449	7.3	10	448	692	1087.50	10642
H	Feb 2018	730	60	28	687	12.4	10	693	696	1088.21	10703
I	Mar 2018	800	70	32	833	13.5	14	832	695	1088.11	10694
S	Apr 2018	705	43	39	1015	17.1	21	1015	675	1084.49	10387
T	May 2018	705	21	44	1055	17.1	27	1054	651	1080.00	10011
O	Jun 2018	760	27	53	986	16.6	28	985	634	1076.81	9748
R	Jul 2018	860	106	65	820	13.3	27	819	637	1077.43	9799
I	Aug 2018	900	74	70	749	12.2	28	748	645	1078.88	9918
C	Sep 2018	670	84	58	725	12.2	24	723	642	1078.29	9870
	WY 2018	**9000**	**690**	**541**	**9240**		**241**	**9237**			
A	Oct 2018	625	100	42	641	10.4	23	634	643	1078.52	9889
L	Nov 2018	662	67	42	690	11.6	15	689	642	1078.32	9872
*	Dec 2018	740	52	36	468	7.6	11	467	659	1081.46	10132
	Jan 2019	806	78	30	505	8.2	11	505	679	1085.24	10450
	Feb 2019	740	93	28	720	13.0	10	720	684	1086.06	10520
	Mar 2019	750	56	31	984	16.0	20	984	670	1083.52	10305
	Apr 2019	630	48	38	1065	17.9	24	1065	642	1078.45	9883
	May 2019	630	31	43	1005	16.3	33	1005	617	1073.60	9488
	Jun 2019	735	12	51	930	15.6	33	930	600	1070.46	9236
	Jul 2019	800	81	64	853	13.9	36	853	596	1069.62	9169
	Aug 2019	900	112	68	783	12.7	33	783	604	1071.13	9290
	Sep 2019	606	105	56	731	12.3	26	731	598	1069.93	9194
	WY 2019	**8625**	**836**	**530**	**9374**		**277**	**9366**			
	Oct 2019	480	69	40	488	7.9	28	488	597	1069.84	9187
	Nov 2019	500	61	40	651	10.9	20	651	588	1068.06	9046
	Dec 2019	600	50	35	631	10.3	16	631	586	1067.68	9016
	Jan 2020	720	78	28	566	9.2	14	566	598	1069.94	9195
	Feb 2020	640	93	26	650	11.3	17	650	600	1070.41	9232
	Mar 2020	675	56	29	946	15.4	22	946	584	1067.26	8983
	Apr 2020	600	48	36	1018	17.1	25	1018	558	1062.04	8579
	May 2020	600	31	40	970	15.8	31	970	533	1056.97	8195
	Jun 2020	630	12	47	966	16.2	31	966	508	1051.85	7817
	Jul 2020	710	81	58	841	13.7	31	841	500	1050.05	7687
	Aug 2020	760	112	61	774	12.6	28	774	500	1050.16	7695
	Sep 2020	565	105	50	700	11.8	25	700	494	1048.79	7595
	WY 2020	**7480**	**796**	**492**	**9201**		**286**	**9201**			
	Oct 2020	640	69	37	475	7.7	25	475	504	1051.02	7757
	Nov 2020	640	61	37	588	9.9	17	588	508	1051.77	7812
	Dec 2020	720	50	32	553	9.0	14	553	518	1053.96	7971

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January 2019 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Jan 2018	449	2	10	437	0	437	7.1	640.86	1641
H	Feb 2018	687	-4	10	611	0	611	11.0	643.18	1704
I	Mar 2018	833	-1	13	836	0	836	13.6	642.57	1687
S	Apr 2018	1015	-3	17	1001	0	1001	16.8	642.40	1682
T	May 2018	1055	-11	22	1001	0	1001	16.3	643.17	1703
O	Jun 2018	986	-21	26	909	0	909	15.3	644.29	1734
R	Jul 2018	820	-6	26	827	0	827	13.4	642.91	1696
I	Aug 2018	749	-13	23	730	0	730	11.9	642.29	1679
C	Sep 2018	725	-11	18	814	0	814	13.7	637.87	1561
	WY 2018	**9240**	**-103**	**198**	**8981**	**0**	**8981**			
A	Oct 2018	641	-11	15	635	0	635	10.3	637.08	1540
L	Nov 2018	690	-28	11	610	0	610	10.3	638.62	1581
*	Dec 2018	468	-14	9	375	0	386	6.3	640.79	1639
	Jan 2019	505	-19	10	449	0	449	7.3	641.80	1666
	Feb 2019	720	-15	10	690	0	690	12.4	642.00	1671
	Mar 2019	984	-17	13	925	0	925	15.0	643.05	1700
	Apr 2019	1065	-20	17	1030	0	1030	17.3	643.00	1699
	May 2019	1005	-12	22	971	0	971	15.8	643.00	1699
	Jun 2019	930	-15	25	890	0	890	15.0	643.00	1699
	Jul 2019	853	-15	25	839	0	839	13.7	642.00	1671
	Aug 2019	783	-12	23	748	0	748	12.2	642.00	1671
	Sep 2019	731	-12	18	754	0	754	12.7	640.01	1617
	WY 2019	**9374**	**-192**	**198**	**8916**	**0**	**8927**			
	Oct 2019	488	-4	15	653	0	653	10.6	633.00	1434
	Nov 2019	651	-12	10	577	0	577	9.7	635.00	1486
	Dec 2019	631	-12	9	512	0	512	8.3	638.71	1583
	Jan 2020	566	-19	10	454	0	454	7.4	641.80	1666
	Feb 2020	650	-15	10	625	0	625	10.9	641.80	1666
	Mar 2020	946	-17	13	881	0	881	14.3	643.05	1700
	Apr 2020	1018	-20	17	982	0	982	16.5	643.00	1699
	May 2020	970	-12	22	935	0	935	15.2	643.00	1699
	Jun 2020	966	-15	25	926	0	926	15.6	643.00	1699
	Jul 2020	841	-15	25	828	0	828	13.5	642.00	1671
	Aug 2020	774	-12	23	740	0	740	12.0	642.00	1671
	Sep 2020	700	-12	18	723	0	723	12.2	640.01	1617
	WY 2020	**9201**	**-166**	**197**	**8837**	**0**	**8837**			
	Oct 2020	475	-4	15	640	0	640	10.4	633.00	1434
	Nov 2020	588	-12	10	514	0	514	8.6	635.00	1486
	Dec 2020	553	-12	9	435	0	435	7.1	638.71	1583

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3082

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

January 2019 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	Jan 2018	437	3	6	329	5.3	29	90	445.81	539	125	2.0
H	Feb 2018	611	3	8	429	7.7	12	109	448.52	590	145	2.6
I	Mar 2018	836	-3	9	637	10.4	61	139	447.46	570	195	3.2
S	Apr 2018	1001	-8	11	735	12.4	75	168	447.13	564	175	2.9
T	May 2018	1001	10	13	697	11.3	87	178	448.51	590	124	2.0
O	Jun 2018	909	6	15	712	12.0	91	88	448.43	588	136	2.3
R	Jul 2018	827	20	17	656	10.7	101	72	448.00	580	133	2.2
I	Aug 2018	730	22	17	611	9.9	99	22	447.53	571	104	1.7
C	Sep 2018	814	9	15	512	8.6	95	164	448.95	598	94	1.6
	WY 2018	**8981**	**100**	**139**	**6479**		**910**	**1431**			**1504**	
A	Oct 2018	635	22	12	394	6.4	86	176	448.12	582	68	1.1
L	Nov 2018	610	16	9	357	6.0	85	173	447.99	580	97	1.6
*	Dec 2018	386	27	7	218	3.5	70	143	446.53	552	105	1.7
	Jan 2019	449	21	6	286	4.7	85	88	446.50	552	125	2.0
	Feb 2019	690	11	8	437	7.9	77	164	447.00	561	152	2.7
	Mar 2019	925	7	9	718	11.7	22	180	446.70	555	192	3.1
	Apr 2019	1030	16	11	734	12.3	78	175	448.70	593	178	3.0
	May 2019	971	15	13	698	11.4	81	181	448.70	593	119	1.9
	Jun 2019	890	13	16	722	12.1	78	73	448.70	593	127	2.1
	Jul 2019	839	21	17	688	11.2	81	75	448.00	580	135	2.2
	Aug 2019	748	23	17	596	9.7	81	75	447.50	571	104	1.7
	Sep 2019	754	17	15	520	8.7	78	148	447.50	571	96	1.6
	WY 2019	**8927**	**208**	**140**	**6368**		**901**	**1651**			**1497**	
	Oct 2019	653	23	12	480	7.8	35	143	447.50	571	65	1.1
	Nov 2019	577	16	9	364	6.1	91	123	447.50	571	99	1.7
	Dec 2019	512	18	7	319	5.2	93	127	446.50	552	109	1.8
	Jan 2020	454	21	6	261	4.2	98	106	446.50	552	121	2.0
	Feb 2020	625	11	8	433	7.5	90	100	446.50	552	147	2.6
	Mar 2020	881	7	9	707	11.5	35	124	446.70	555	185	3.0
	Apr 2020	982	16	11	724	12.2	91	124	448.70	593	171	2.9
	May 2020	935	15	13	693	11.3	94	137	448.70	593	115	1.9
	Jun 2020	926	13	16	718	12.1	91	100	448.70	593	124	2.1
	Jul 2020	828	21	17	675	11.0	94	62	448.00	580	131	2.1
	Aug 2020	740	23	17	593	9.6	94	56	447.50	571	101	1.6
	Sep 2020	723	17	15	512	8.6	91	112	447.50	571	93	1.6
	WY 2020	**8837**	**200**	**139**	**6479**		**998**	**1313**			**1460**	
	Oct 2020	640	23	12	485	7.9	48	112	447.50	571	63	1.0
	Nov 2020	514	16	9	357	6.0	47	112	447.50	571	95	1.6
	Dec 2020	435	18	7	314	5.1	48	100	446.50	552	105	1.7

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

January 2019 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Jan 2018	449	7.3	1087.50	10642	421	442.14	834.0	176.5	51	392.9
H	Feb 2018	687	12.4	1088.21	10703	61	441.97	1220.1	275.0	75	400.3
I	Mar 2018	833	13.5	1088.11	10694	-9	442.23	1005.9	333.9	62	400.8
S	Apr 2018	1015	17.1	1084.49	10387	-308	437.15	880.9	406.2	55	400.0
T	May 2018	1055	17.1	1080.00	10011	-376	432.39	1385.9	412.1	88	390.8
O	Jun 2018	986	16.6	1076.81	9748	-263	428.91	1552.0	378.6	100	384.1
R	Jul 2018	820	13.3	1077.43	9799	51	432.34	1552.0	313.2	100	382.0
I	Aug 2018	749	12.2	1078.88	9918	119	435.01	1562.0	287.4	100	383.8
C	Sep 2018	725	12.2	1078.29	9870	-49	434.15	1562.0	278.7	100	384.7
	WY 2018	**9240**							**3614.3**		
A	Oct 2018	641	10.4	1078.52	9889	19	435.29	1406.1	247.8	87	386.7
L	Nov 2018	690	11.6	1078.32	9872	-16	434.47	755.0	266.1	49	385.8
*	Dec 2018	453	7.6	1081.46	10132	260	438.59	959.9	179.6	61	396.6
	Jan 2019	505	8.2	1085.24	10450	318	434.94	1006.1	199.8	63	395.9
	Feb 2019	720	13.0	1086.06	10520	70	436.12	1119.0	288.5	70	400.5
	Mar 2019	984	16.0	1083.52	10305	-215	435.50	1010.0	393.9	63	400.3
	Apr 2019	1065	17.9	1078.45	9883	-422	431.49	970.9	429.9	63	403.7
	May 2019	1005	16.3	1073.60	9488	-395	426.57	957.0	395.9	63	393.9
	Jun 2019	930	15.6	1070.46	9236	-252	418.63	1512.0	352.9	100	379.3
	Jul 2019	853	13.9	1069.62	9169	-67	416.98	1499.0	324.8	100	380.8
	Aug 2019	783	12.7	1071.13	9290	121	417.64	1512.0	296.1	100	378.3
	Sep 2019	731	12.3	1069.93	9194	-96	418.44	1512.0	276.0	100	377.6
	WY 2019	**9359**							**3651.3**		
	Oct 2019	488	7.9	1069.84	9187	-7	421.37	1316.0	186.2	88	381.3
	Nov 2019	651	10.9	1068.06	9046	-141	423.49	1208.9	247.0	81	379.5
	Dec 2019	631	10.3	1067.68	9016	-29	421.12	1129.9	240.4	75	381.2
	Jan 2020	566	9.2	1069.94	9195	179	420.43	1046.0	213.1	70	376.8
	Feb 2020	650	11.3	1070.41	9232	37	420.92	1035.0	247.8	68	381.1
	Mar 2020	946	15.4	1067.26	8983	-249	417.88	1180.0	360.7	81	381.4
	Apr 2020	1018	17.1	1062.04	8579	-404	413.60	1115.0	384.0	78	377.3
	May 2020	970	15.8	1056.97	8195	-384	406.23	1392.0	356.5	100	367.7
	Jun 2020	966	16.2	1051.85	7817	-378	401.18	1382.4	345.3	100	357.4
	Jul 2020	841	13.7	1050.05	7687	-130	398.09	1372.2	304.4	100	361.9
	Aug 2020	774	12.6	1050.16	7695	8	397.58	1372.9	277.9	100	358.8
	Sep 2020	700	11.8	1048.79	7595	-99	397.59	1365.0	249.6	100	356.5
	WY 2020	**9201**							**3413.0**		
	Oct 2020	475	7.7	1051.02	7757	161	401.56	1209.7	173.0	88	363.9
	Nov 2020	588	9.9	1051.77	7812	55	406.08	1114.9	215.2	81	365.7
	Dec 2020	553	9.0	1053.96	7971	160	406.22	1051.3	200.8	75	362.8

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

January 2019 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Jan 2018	437	7.1	640.86	1641	5	141.78	159.6	55.0	63	125.9
H	Feb 2018	611	11.0	643.18	1704	63	142.18	162.1	76.6	64	125.4
I	Mar 2018	836	13.6	642.57	1687	-17	139.99	189.2	105.4	74	126.1
S	Apr 2018	1001	16.8	642.40	1682	-5	141.14	207.4	125.1	81	125.0
T	May 2018	1001	16.3	643.17	1703	21	141.89	204.0	126.2	80	126.1
O	Jun 2018	909	15.3	644.29	1734	31	143.00	255.0	115.0	100	126.6
R	Jul 2018	827	13.4	642.91	1696	-38	141.79	255.0	105.3	100	127.4
I	Aug 2018	730	11.9	642.29	1679	-17	141.02	255.0	92.7	100	127.1
C	Sep 2018	814	13.7	637.87	1561	-119	136.59	255.0	101.2	100	124.3
	WY 2018	**8981**							**1126.3**		
A	Oct 2018	635	10.3	637.08	1540	-21	135.95	184.3	77.8	72	122.4
L	Nov 2018	610	10.3	638.62	1581	40	137.20	158.1	78.4	62	128.4
*	Dec 2018	375	6.3	640.79	1639	58	140.00	153.0	47.3	60	126.1
	Jan 2019	449	7.3	641.80	1666	27	140.61	159.6	56.8	63	126.5
	Feb 2019	690	12.4	642.00	1671	5	139.08	153.0	86.4	60	125.1
	Mar 2019	925	15.0	643.05	1700	29	138.76	189.2	115.4	74	124.8
	Apr 2019	1030	17.3	643.00	1699	-1	138.51	207.4	128.3	81	124.6
	May 2019	971	15.8	643.00	1699	0	138.98	204.0	121.4	80	125.0
	Jun 2019	890	15.0	643.00	1699	0	139.27	255.0	111.5	100	125.3
	Jul 2019	839	13.7	642.00	1671	-27	139.23	255.0	105.2	100	125.3
	Aug 2019	748	12.2	642.00	1671	0	139.28	255.0	93.7	100	125.3
	Sep 2019	754	12.7	640.01	1617	-54	138.09	255.0	93.7	100	124.2
	WY 2019	**8916**							**1115.7**		
	Oct 2019	653	10.6	633.00	1434	-183	134.39	174.4	78.9	68	120.9
	Nov 2019	577	9.7	635.00	1486	51	132.27	158.1	68.6	62	119.0
	Dec 2019	512	8.3	638.71	1583	97	135.71	153.0	62.6	60	122.1
	Jan 2020	454	7.4	641.80	1666	83	139.53	141.5	57.0	55	125.5
	Feb 2020	625	10.9	641.80	1666	0	139.59	207.6	78.5	81	125.6
	Mar 2020	881	14.3	643.05	1700	34	138.92	207.3	110.1	81	125.0
	Apr 2020	982	16.5	643.00	1699	-1	138.76	234.6	122.6	92	124.8
	May 2020	935	15.2	643.00	1699	0	139.18	255.0	117.1	100	125.2
	Jun 2020	926	15.6	643.00	1699	0	139.06	255.0	115.8	100	125.1
	Jul 2020	828	13.5	642.00	1671	-27	139.30	255.0	103.7	100	125.3
	Aug 2020	740	12.0	642.00	1671	0	139.33	255.0	92.7	100	125.4
	Sep 2020	723	12.2	640.01	1617	-54	138.29	255.0	90.0	100	124.4
	WY 2020	**8837**							**1097.7**		
	Oct 2020	640	10.4	633.00	1434	-183	134.48	185.9	77.4	73	121.0
	Nov 2020	514	8.6	635.00	1486	51	132.72	153.0	61.4	60	119.4
	Dec 2020	435	7.1	638.71	1583	97	136.27	200.7	53.4	79	122.6

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

January 2019 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Jan 2018	329	5.3	445.81	539	-18	80.05	117.1	22.8	98	69.2
H	Feb 2018	429	7.7	448.52	590	50	81.30	92.1	30.3	77	70.6
I	Mar 2018	638	10.4	447.46	570	-20	81.79	102.6	44.9	85	70.4
S	Apr 2018	735	12.4	447.13	564	-6	81.11	120.0	50.8	100	69.1
T	May 2018	697	11.3	448.51	590	26	82.36	120.0	48.5	100	69.6
O	Jun 2018	712	12.0	448.43	588	-1	80.33	120.0	49.7	100	69.9
R	Jul 2018	656	10.7	448.00	580	-8	81.97	120.0	46.0	100	70.2
I	Aug 2018	611	9.9	447.53	571	-9	79.27	120.0	42.7	100	69.9
C	Sep 2018	512	8.6	448.95	598	27	83.02	120.0	35.9	100	70.1
	WY 2018	**6479**							**451.7**		
A	Oct 2018	394	6.4	448.12	582	-16	82.83	90.0	27.9	75	70.9
L	Nov 2018	350	6.0	447.99	580	-3	82.25	93.0	26.1	78	74.4
*	Dec 2018	218	3.5	446.53	552	-27	81.03	116.1	12.9	97	59.1
	Jan 2019	286	4.7	446.50	552	0	74.05	117.1	17.9	98	62.4
	Feb 2019	437	7.9	447.00	561	9	75.45	92.1	28.6	77	65.4
	Mar 2019	718	11.7	446.70	555	-6	74.93	104.5	47.2	87	65.8
	Apr 2019	734	12.3	448.70	593	38	75.08	120.0	48.3	100	65.9
	May 2019	698	11.4	448.70	593	0	76.05	120.0	46.4	100	66.5
	Jun 2019	722	12.1	448.70	593	0	76.05	120.0	48.1	100	66.6
	Jul 2019	688	11.2	448.00	580	-13	75.71	120.0	45.5	100	66.2
	Aug 2019	596	9.7	447.50	571	-9	75.13	120.0	39.0	100	65.4
	Sep 2019	520	8.7	447.50	571	0	74.89	120.0	33.8	100	65.0
	WY 2019	**6361**							**421.8**		
	Oct 2019	480	7.8	447.50	571	0	76.29	90.0	31.7	75	66.0
	Nov 2019	364	6.1	447.50	571	0	76.14	93.0	23.7	78	65.0
	Dec 2019	319	5.2	446.50	552	-19	74.56	116.1	20.2	97	63.2
	Jan 2020	261	4.2	446.50	552	0	75.27	91.0	16.4	76	62.9
	Feb 2020	433	7.5	446.50	552	0	75.21	92.1	28.2	77	65.1
	Mar 2020	707	11.5	446.70	555	4	74.05	119.0	46.0	99	65.0
	Apr 2020	724	12.2	448.70	593	38	75.08	120.0	47.7	100	65.9
	May 2020	693	11.3	448.70	593	0	76.05	120.0	46.1	100	66.5
	Jun 2020	718	12.1	448.70	593	0	76.05	120.0	47.8	100	66.6
	Jul 2020	675	11.0	448.00	580	-13	75.71	120.0	44.7	100	66.1
	Aug 2020	593	9.6	447.50	571	-9	75.13	120.0	38.8	100	65.4
	Sep 2020	512	8.6	447.50	571	0	74.89	120.0	33.3	100	65.0
	WY 2020	**6479**							**424.3**		
	Oct 2020	485	7.9	447.50	571	0	76.29	90.0	32.0	75	66.1
	Nov 2020	357	6.0	447.50	571	0	76.14	93.0	23.2	78	65.0
	Dec 2020	314	5.1	446.50	552	-19	74.65	114.2	19.8	95	63.2

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

January 2019 24-Month Study

Most Probable Inflow*

Upper Basin Power

	Date	Glen Canyon 1000 MWHR	Flaming Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Reservoir 1000 MWHR	Fontenelle Reservoir 1000 MWHR
*	Jan 2018	394	68	17	21	12	6
H	Feb 2018	335	60	9	12	3	5
I	Mar 2018	364	41	12	16	9	1
	Winter 2018	**2013**	**334**	**107**	**133**	**71**	**31**
S	Apr 2018	318	39	23	27	16	5
T	May 2018	318	63	23	33	20	7
O	Jun 2018	343	50	27	34	20	8
R	Jul 2018	384	48	27	36	20	8
I	Aug 2018	393	50	24	33	19	7
C	Sep 2018	288	47	8	29	16	1
	Summer 2018	**2045**	**297**	**133**	**193**	**111**	**36**
A	Oct 2018	268	39	11	19	9	4
L	Nov 2018	248	36	5	4	2	5
*	Dec 2018	313	47	5	6	2	5
	Jan 2019	305	45	4	5	3	5
	Feb 2019	277	41	4	6	3	4
	Mar 2019	278	20	5	7	4	3
	Winter 2019	**1688**	**227**	**33**	**47**	**23**	**24**
	Apr 2019	232	17	11	18	10	3
	May 2019	232	18	25	42	23	3
	Jun 2019	274	50	10	19	13	9
	Jul 2019	302	27	19	26	14	7
	Aug 2019	336	34	22	29	14	5
	Sep 2019	225	33	19	25	13	3
	Summer 2019	**1602**	**179**	**106**	**159**	**88**	**31**
	Oct 2019	178	20	12	16	9	6
	Nov 2019	184	20	3	5	3	6
	Dec 2019	221	36	4	6	4	6
	Jan 2020	263	36	4	6	4	5
	Feb 2020	231	34	4	5	0	5
	Mar 2020	243	29	0	7	4	5
	Winter 2020	**1320**	**174**	**26**	**45**	**23**	**33**
	Apr 2020	216	28	0	17	10	5
	May 2020	221	44	2	80	23	7
	Jun 2020	240	89	7	16	13	9
	Jul 2020	276	45	28	35	19	10
	Aug 2020	296	45	31	37	19	9
	Sep 2020	220	44	30	36	19	2
	Summer 2020	**1470**	**295**	**99**	**220**	**103**	**41**
	Oct 2020	249	34	20	24	13	5
	Nov 2020	247	33	11	14	7	5
	Dec 2020	277	43	14	18	9	5

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3082

Processed On: 1/14/2019 11:15:55AM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

January 2019 24-Month Study

Most Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions

Date	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Total KAF	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****EFFECTIVE SPACE****										
Jan 2019	656	581	817	14223	16277	17245	33522	656	581	817	2054	14223	17245	33522	5350	505	0	27.0
Jan 2019	656	581	817	14223	16277	17245	33522	183	257	209	649	14223	17245	32117	5350	505	0	27.0
Feb 2019	745	581	828	14674	16829	16927	33756	272	258	219	749	14674	16927	32350	1500	720	0	26.6
Mar 2019	821	582	832	15053	17287	16857	34145	347	259	222	828	15053	16857	32739	1500	984	0	26.1
Apr 2019	800	575	820	15418	17613	17072	34685	322	253	204	779	15418	17072	33269	1500	1065	0	25.6
May 2019	760	568	803	15554	17684	17494	35178	275	243	164	682	15554	17494	33730	1500	1005	0	25.7
Jun 2019	674	536	759	15229	17198	17889	35087	179	198	82	460	15229	17889	33578	1500	930	0	26.6
Jul 2019	572	374	752	14384	16082	18141	34223	66	16	20	101	14384	18141	32626	1500	853	0	26.4
								****CREDITABLE SPACE****										
Aug 2019	523	355	791	14482	16151	18208	34359	523	355	791	1669	14482	18208	34359	1500	783	0	26.0
Sep 2019	564	381	809	14920	16674	18087	34761	564	381	809	1754	14920	18087	34761	2270	731	0	25.6
Oct 2019	624	406	813	15128	16972	18183	35155	624	406	813	1844	15128	18183	35155	3040	488	0	25.3
Nov 2019	640	412	806	15184	17042	18190	35232	640	412	806	1859	15184	18190	35232	3810	651	0	25.1
Dec 2019	652	394	804	15281	17131	18331	35463	652	394	804	1850	15281	18331	35463	4580	631	0	24.9
Jan 2020	717	382	806	15475	17379	18361	35740	717	382	806	1904	15475	18361	35740	5350	566	0	24.8
								****EFFECTIVE SPACE****										
Jan 2020	717	382	806	15475	17379	18361	35740	331	375	548	1254	15475	18361	35090	5350	566	0	24.8
Feb 2020	777	370	809	15770	17725	18182	35907	389	364	551	1304	15770	18182	35256	1500	650	0	24.6
Mar 2020	826	359	803	15978	17967	18145	36111	437	354	544	1335	15978	18145	35458	1500	946	0	24.4
Apr 2020	809	334	746	16098	17987	18394	36380	414	332	481	1227	16098	18394	35719	1500	1018	0	24.4
May 2020	760	293	650	15893	17596	18798	36394	358	290	361	1009	15893	18798	35700	1500	970	0	25.6
Jun 2020	646	267	495	14622	16030	19182	35212	233	264	166	664	14622	19182	34468	1500	966	0	27.1
Jul 2020	513	43	413	13231	14200	19560	33761	87	27	28	142	13231	19560	32934	1500	841	0	27.2
								****CREDITABLE SPACE****										
Aug 2020	444	28	446	12991	13908	19690	33598	444	28	446	917	12991	19690	33598	1500	774	0	26.9
Sep 2020	492	67	461	13184	14204	19682	33886	492	67	461	1020	13184	19682	33886	2270	700	0	26.5
Oct 2020	566	128	457	13250	14402	19782	34183	566	128	457	1151	13250	19782	34183	3040	475	0	26.4
Nov 2020	607	155	435	13363	14560	19620	34180	607	155	435	1197	13363	19620	34180	3810	588	0	26.3
Dec 2020	648	161	431	13515	14755	19565	34320	648	161	431	1239	13515	19565	34320	4580	553	0	26.1

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3082

Processed On: 1/14/2019 11:15:55AM

February 24-Month Study
Date: February 15, 2019

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

Reservoir	January Inflow (unregulated) (acre-feet)	Percent of Average (%)	February 14, Midnight Elevation (feet)	February 14, Midnight Reservoir Storage (acre-feet)
Fontenelle	27,500	91	6,473.68	134,600
Flaming Gorge	34,000	84	6,025.33	3,172,400
Blue Mesa	19,900	82	7,437.99	249,600
Navajo	13,200	60	6,014.99	866,000
Powell	212,500	59	3,574.17	9,448,300

Expected Operations

The operation of Lake Powell and Lake Mead in this February 2019 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines) and reflects the draft 2019 Annual Operating Plan (AOP). Pursuant to the Interim Guidelines, the August 2018 24-Month Study projections of the January 1, 2019, system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2019.

Consistent with Section 6.B of the Interim Guidelines, the Lake Powell operational tier for water year 2019 will be governed by the Upper Elevation Balancing Tier, with an initial water year release volume of 8.23 million acre-feet (maf) and the potential for an April adjustment to equalization or balancing releases in April 2019. This February 2019 24-Month Study indicates that, consistent with Section 6.B.4 of the Interim Guidelines, an April adjustment to balancing releases is projected to occur and the contents of Lake Powell and Lake Mead will be balanced by the end of the water year, but not more than 9.0 maf and not less than 8.23 maf shall be released from Lake Powell. Based on the most probable inflow forecast, this February 24-Month Study projects a balancing release of 8.91 maf in water year 2019.

Consistent with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar year 2019.

The Interim Guidelines are available for download at:
https://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The draft 2019 AOP is available for download at:
https://www.usbr.gov/lc/region/g4000/AOP2019/AOP19_draft.pdf

Fontenelle Reservoir – Fontenelle Reservoir is currently at elevation 6475.5 feet above sea level (feet), which amounts to 41 percent of live storage capacity. Inflows for the month of January totaled 27,500 acre-feet (af), or 91 percent of average. Average inflows are occurring and releases are being adjusted to increase available capacity in the reservoir. Releases are currently set at 1,000 cubic feet per second (cfs).

The Colorado Basin River Forecast Center has forecasted inflows that are near average. February, March, and April forecasted inflow volumes amount to 26,000 af (94 percent of average), 43,000 af (82 percent of average), and 60,000 af (70 percent of average), respectively.

The next Fontenelle Working Group meeting is scheduled for 10:00 a.m., April 24, 2019. The meeting will be held at the Seedskadee National Wildlife Refuge. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir.

Flaming Gorge Reservoir – Releases are currently set at 2,000 cfs with fluctuations for hydropower. Average daily releases will likely remain at 2,000 cfs through the end of February.

Inflow into Flaming Gorge Reservoir during the month of January was 60,000 af, or 92 percent of average. The current reservoir elevation is 6025.8 feet (85 percent of live capacity) and decreasing.

The January final forecast for unregulated inflows into Flaming Gorge for the next three months projects near average conditions: February, March, and April forecasted unregulated inflow volumes at 36,000 af (81 percent of average), 80,000 af (78 percent of average), and 95,000 af (71 percent of average), respectively.

The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stakeholders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations and plans presented by Reclamation at these meetings. Meeting notes from past Working Group meetings are posted on the Working Group webpage. For more information on this group and these meetings please contact Dale Hamilton at 801-379-1186 or Paul Davidson at 801-524-3847.

Reclamation will be holding the Flaming Gorge Working Group meeting on Thursday, March 7, 2019 at 11:00 a.m. at the Carbon County Event Center, 310 South Fairground Road, Price Utah.

Aspinall Unit Reservoirs – As of February 14, 2019 releases from Crystal Dam are approximately 485 cfs. Uncompahgre Valley Water Users Association has stopped diversions through the Gunnison Tunnel except for periodic diversions to fill Fairview Reservoir. Flows through the Black Canyon are approximately 475 cfs. There is currently about a 10 cfs loss to the Gunnison River between Crystal Dam and the Gunnison Tunnel Diversion. As of February 14, 2019, Blue Mesa Reservoir elevation is 7437.99 feet which corresponds to storage content of 249,638 af (30 percent of capacity).

The January unregulated inflow to Blue Mesa Reservoir was 19,900 af (82 percent of average). Unregulated Inflows to Blue Mesa for the next three months (February, March and April) are projected to be: 14,000 af (63 percent of average), 26,000 af (72 percent of average) and 57,000 af (74 percent of average), respectively. For water year 2019, the unregulated inflow volume is forecasted to be 754,800 af (78 percent of average) with 550,000 af (81 percent of average) of unregulated inflow occurring during the April through July period. The February 24-Month Study is reflective of this new forecast.

Conditions are clearly very dry. Blue Mesa Reservoir did not fill in water year 2018 and will most likely not fill in water year 2019 either. Current projections indicate Blue Mesa storage will remain near the current level till March of 2019 before rebounding during the spring runoff. Current projections indicate Blue Mesa is at or near its low elevation for this year. The peak elevation for this water year will occur in or around late July when the elevation is projected to be 7480 feet. The projected end of water year 2019 elevation of Blue Mesa is 7473 feet which corresponds to a live storage content of 458,000 acre-feet (55 percent of full capacity).

The Aspinall Unit Working Group is an open public forum for information exchange between Reclamation and the stakeholders of the Aspinall Unit. The public is encouraged to attend and comments on the operations and plans presented by Reclamation at these meetings. Meeting notes from past working Group meetings are posted on the Working Group webpage. For more information on this group and these meetings please contact Erik Knight in the Grand Junction Area Office at (970) 248-0629.

Meeting notes from past working Group meetings are posted on the Working Group webpage at:

https://www.usbr.gov/uc/wcao/water/rsvrs/mtgs/amcurrnt.html

The next meeting of the Aspinall Unit Working Group will be held on Tuesday, April 23, 2019 at 1:00 pm at the at the Western Colorado Area Office located at 445 West Gunnison Avenue in Grand Junction, Colorado.

Navajo Reservoir – On February 11, 2019, the daily average release rate from Navajo Dam is 283 cfs and the observed inflow to Navajo Reservoir is 159 cfs. The reservoir elevation is 6015.03 feet which corresponds to a live storage of 0.866 maf (51 percent of live storage capacity). This elevation also corresponds to an active storage of 0.206 maf (20 percent of active storage capacity). The river flow measured at the San Juan River at Four Corners USGS gage is 494 cfs. River flow at the Animas River at Farmington USGS gage is at 224 cfs. Releases from Navajo Dam are made for the authorized purposes of the Navajo Unit, and pursuant to the 2006 Record of Decision, to attempt to maintain a target base flow through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell). The San Juan River Basin Recovery Implementation Program (SJRIP) recommends a target base flow of between 500 cfs and 1,000 cfs through the critical habitat area. The target base flow is calculated as the weekly average of gaged flows throughout the critical habitat area.

Preliminary modified-unregulated inflow into Navajo (inflow adjusted for upstream change in storage, reservoir evaporation and exportation from the basin) in January was 13,177 af (60 percent of average). SNOTEL sites above Navajo are at 92% of average with 12.3 inches of SWE.

Forecast modified-unregulated inflow to Navajo over the next three months (February, March, and April) are projected to be: 15,000 af (50 percent of average), 40,000 af (43 percent of average), and 78,000 af (46 percent of average), respectively.

The April through July runoff forecasts are as follows:
Min Probable: 275,000 af (37 percent of average)
Most Probable: 430,000 af (58 percent of average)
Max Probable: 750,000 af (102 percent of average)

The winter release will target the minimum baseflow in the critical habitat reach and may be reduced to as low as the minimum release of 250 cfs, so long as the target baseflow downstream is still met. Releases will remain as low as possible over the winter in an effort to conserve water in the reservoir.

Based on current storage and long-term projections, Navajo has a 15% chance of filling to at least 6050 ft and a 5% chance of filling to at least 6060 ft in the spring of 2019. Based on current projections there are no plans for a spring peak release, though a short-duration maintenance release is under consideration.

Reclamation conducts Public Operations Meetings three times per year to gather input for determining upcoming operations for Navajo Reservoir. Input from individuals, organizations, and agencies along with other factors such as weather, water rights, endangered species requirements, flood control, hydro power, recreation, fish and wildlife management, and reservoir levels, will be considered in the development of these reservoir operation plans. In addition, the meetings are used to coordinate activities and exchange information among agencies, water users, and other interested parties concerning the San Juan River and Navajo Reservoir.

The next Navajo Public Operations Coordination Meeting is scheduled for Tuesday, April 23rd, 2019, at 1:00 p.m. at the Farmington Civic Center, Farmington, NM.

The next Navajo Public Operations Coordination Meeting is scheduled for Tuesday, January 29th, 2019, at 1:00 p.m. at the Farmington Civic Center, Farmington, NM.

Glen Canyon Dam / Lake Powell

Current Status

The unregulated inflow in January was 210 thousand acre-feet (kaf) (58 percent of average). January precipitation in the Upper Colorado Basin was 120 percent of average. The release volume from Glen Canyon Dam in December was 803 kaf. The end of January elevation and storage of Lake Powell were 3,576.34 feet (123.66 feet from full pool) 9.64 maf (41 percent of full capacity).

Current Operations

The operating tier for water year 2019 was established in August 2018 as the Upper Elevation Balancing Tier. As described in the Interim Guidelines, under balancing, the contents of Lake Powell and Lake Mead are to be balanced by the end of the water year, but not more than 9.0 maf and not less than 8.23 maf is to be released from Lake Powell. Under this Tier the initial annual water year release volume is 8.23 maf but there is potential for an April 2019 adjustment to equalization or balancing releases. Based on the current forecast, an April adjustment to balancing releases is projected and Lake Powell is currently projected to release 8.91 maf in water year 2019. This projection will be updated each month throughout the water year.

In February, the release volume will be approximately 735 kaf, with fluctuations anticipated between about 9,360 cfs in the nighttime to about 16,065 cfs in the daytime and consistent with the Glen Canyon Dam, Record of Decision on LTEMP (dated December, 2016). The anticipated release volume for March is 790 kaf.

In addition to daily scheduled fluctuations for power generation, the instantaneous releases from Glen Canyon Dam may also fluctuate to provide 40 megawatts (mw) of system regulation. These instantaneous release adjustments stabilize the electrical generation and transmission system and translate to a range of about 1,200 cfs above or below the hourly scheduled release rate. Under normal conditions, fluctuations for regulation are typically short lived and generally balance out over the hour with minimal or no noticeable impacts on downstream river flow conditions.

Releases from Glen Canyon Dam can also fluctuate beyond scheduled releases when called upon to respond to power system emergencies. Depending on the severity of the system emergency, the response from Glen Canyon Dam can be significant and within the full range of the operating capacity of the power plant for as long as is necessary to maintain balance in the transmission system. Glen Canyon Dam currently maintains 28 mw (approximately 830 cfs) of generation capacity in reserve in order to respond to a system emergency even when generation rates are already high. System emergencies

occur fairly infrequently and typically require small responses from Glen Canyon Dam. However, these responses can have a noticeable impact on the river downstream of Glen Canyon Dam.

Inflow Forecasts and Model Projections

The forecast for water year 2019 unregulated inflow to Lake Powell, issued on February 1, 2019, by the Colorado Basin River Forecast Center, projects that the most probable (median) unregulated inflow volume next year will be 7.7 maf (74 percent of average). There is significant uncertainty regarding next season's snow pack development and resulting runoff into Lake Powell. The forecast ranges from a minimum probable of 4.81 maf (44 percent of average) to a maximum probable of 10.38 maf (96 percent of average). There is a 10 percent chance that inflows could be higher than the current maximum probable forecast and a 10 percent chance that inflows could be lower than the minimum probable forecast.

Based on the current forecast, the February 24-Month Study projects Lake Powell elevation will end water year 2019 near 3,576.08 feet with approximately 9.61 maf in storage (40 percent of capacity). Note that projections of elevation and storage for water year 2019 have significant uncertainty at this point in the season. Projections of end of water year 2019 elevation and storage using the minimum and maximum probable inflow forecast from January 2019 are 3,543.56 feet (7.992 maf, 33 percent of capacity) and 3,588.09 feet (11.366 maf, 47 percent of capacity), respectively. Under these scenarios, there is a 10 percent chance that inflows will be higher, resulting in higher elevation and storage, and 10 percent chance that inflows will be lower, resulting in lower elevation and storage. The annual release volume from Lake Powell during water year 2019 is projected to be 8.91 maf under the February most probable scenario, and 9.0 maf under the January maximum probable inflow scenarios and 8.23 maf under the January minimum probable inflow scenario.

Upper Colorado River Basin Hydrology

Upper Colorado River Basin regularly experiences significant year to year hydrologic variability. During the 19-year period 2000 to 2018, however, the unregulated inflow to Lake Powell, which is a good measure of hydrologic conditions in the Colorado River Basin, was above average in only 4 out of the past 19 years. The period 2000-2018 is the lowest 19-year period since the closure of Glen Canyon Dam in 1963, with an average unregulated inflow of 8.54 maf, or 79 percent of the 30-year average (1981-2010). (For comparison, the 1981-2010 total water year average is 10.83 maf.) The unregulated inflow during the 2000-2018 period has ranged from a low of 2.64 maf (24 percent of average) in water year 2002 to a high of 15.97 maf (147 percent of average) in water year 2011. In water year 2018 unregulated inflow volume to Lake Powell was 4.6 maf (43 percent of average), the third driest year on record above 2002 and 1977. Under the current most probable forecast, the total water year 2019 unregulated inflow to Lake Powell is projected to be 7.7 maf (74 percent of average).

At the beginning of water year 2019, total system storage in the Colorado River Basin was 28.01 maf (47 percent of 59.6 maf total system capacity). This is a decrease of 4.91 maf over the total storage at the beginning of water year 2018 when total system storage

was 32.92 maf (55 percent of capacity). Since the beginning of water year 2000, total Colorado Basin storage has experienced year to year increases and decreases in response to wet and dry hydrology, ranging from a high of 94 percent of capacity at the beginning of 2000 to the now current level of 47 percent of capacity at the beginning of water year 2019. Based on current inflow forecasts, the current projected end of water year total Colorado Basin reservoir storage for water year 2019 is approximately 25.60 maf (43 percent of total system capacity). The actual end of water year 2019 system storage may vary from this projection, primarily due to uncertainty regarding this season's runoff and reservoir inflow.

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-430
125 SOUTH STATE STREET, ROOM 8100
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-3709

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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:	Obs			jan	Forecast		Outlook		
:	oct	nov	dec	jan	%Avg	feb	mar	apr	apr-jul	%Avg
GLDA3:Lake Powell	351	254	228	210	58%:	250/	415/	650/	5300/:	74%
GBRW4:Fontenelle	42	38	30	28	92%:	26/	43/	60/	500/:	69%
GRNU1:Flaming Gorge	54	40	29	34	85%:	36/	80/	95/	630/:	64%
BMDC2:Blue Mesa	23	22	19.5	19.9	82%:	14/	26/	57/	550/:	81%
MPSC2:Morrow Point	24	23	21	21	79%:	15/	28/	65/	590/:	80%
CLSC2:Crystal	27	26	25	25	80%:	18/	33/	74/	660/:	79%
TPIC2:Taylor Park	4.6	3.3	3.6	3.7	87%:	2.5/	3/	5/	81/:	82%
VCRC2:Vallecito	8.5	5.2	3.3	3.7	69%:	3/	4/	12/	135/:	70%
NVRN5:Navajo	23	15.3	12.5	13.3	61%:	15/	40/	78/	430/:	59%
LEMC2:Lemon	1.85	1.02	0.52	0.49	56%:	0.5/	1/	3/	35/:	64%
MPHC2:McPhee	4.7	2.0	1.68	2.6	57%:	2/	9/	48/	230/:	78%
RBSC2:Ridgway	3.3	3.7	3.3	2.8	70%:	2/	4/	7/	81/:	80%
YDLC2:Deerlodge	18.3	18.6	19.6	18.4	74%:	18/	55/	170/	1130/:	91%

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 2019 24-Month Study

Most Probable Inflow*

Fontenelle Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Feb 2018	38	0	72	0	72	6472.86	131
H	Mar 2018	58	0	16	56	71	6469.78	117
I	Apr 2018	101	1	83	4	87	6472.76	130
S	May 2018	354	2	100	123	223	6494.84	260
T	Jun 2018	404	2	101	269	370	6499.18	292
O	Jul 2018	138	3	92	8	100	6503.79	327
R	Aug 2018	50	2	75	1	76	6500.10	299
I	Sep 2018	30	2	7	58	65	6495.11	262
	WY 2018	**1397**	**15**	**856**	**528**	**1382**		
C	Oct 2018	42	1	45	20	65	6491.62	238
A	Nov 2018	38	1	60	0	60	6488.29	216
L	Dec 2018	30	1	61	1	61	6483.19	184
*	Jan 2019	28	1	61	0	61	6476.81	150
	Feb 2019	26	0	56	0	56	6470.30	120
	Mar 2019	43	0	44	0	44	6470.05	119
	Apr 2019	60	1	60	0	60	6470.03	119
	May 2019	100	1	61	0	61	6478.04	157
	Jun 2019	220	2	71	0	71	6500.54	303
	Jul 2019	120	3	81	0	81	6505.19	339
	Aug 2019	57	2	92	0	92	6500.37	302
	Sep 2019	37	2	38	67	105	6490.59	232
	WY 2019	**801**	**14**	**731**	**87**	**818**		
	Oct 2019	42	1	55	0	55	6488.39	218
	Nov 2019	39	1	54	0	54	6486.13	203
	Dec 2019	32	1	55	0	55	6482.17	179
	Jan 2020	30	1	55	0	55	6477.43	153
	Feb 2020	28	0	52	0	52	6472.24	129
	Mar 2020	53	0	57	0	57	6471.14	124
	Apr 2020	85	1	90	0	90	6469.94	119
	May 2020	164	1	98	27	125	6478.02	156
	Jun 2020	299	2	102	43	145	6501.26	309
	Jul 2020	178	3	102	63	165	6502.54	318
	Aug 2020	77	2	108	60	168	6489.44	225
	Sep 2020	46	2	20	74	94	6481.45	175
	WY 2020	**1073**	**14**	**847**	**268**	**1116**		
	Oct 2020	49	1	49	0	49	6481.18	173
	Nov 2020	42	1	48	0	48	6480.12	167
	Dec 2020	32	1	49	0	49	6476.67	150
	Jan 2021	30	0	49	0	49	6472.57	130

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3085

Processed On: 2/13/2019 11:47:29AM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 2019 24-Month Study

Most Probable Inflow*

Flaming Gorge Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	Feb 2018	57	91	2	155	1	157	129	6025.91	3194	197
H	Mar 2018	86	99	3	106	0	106	128	6025.65	3184	178
I	Apr 2018	121	108	5	101	0	101	128	6025.69	3186	277
S	May 2018	422	290	8	163	6	169	133	6028.57	3294	572
T	Jun 2018	435	401	11	125	0	125	143	6035.09	3550	278
O	Jul 2018	140	102	14	120	0	120	142	6034.33	3519	141
R	Aug 2018	42	68	13	124	0	124	139	6032.67	3453	142
I	Sep 2018	17	52	11	119	0	119	136	6030.75	3378	132
	WY 2018	**1594**	**1580**	**82**	**1608**	**7**	**1616**				**2638**
C	Oct 2018	54	77	7	99	0	99	135	6030.03	3350	131
A	Nov 2018	40	61	4	93	0	93	133	6029.15	3316	121
L	Dec 2018	29	60	2	124	0	124	131	6027.49	3253	153
*	Jan 2019	34	68	2	124	0	124	129	6026.01	3198	154
	Feb 2019	36	66	2	111	0	111	127	6024.77	3152	129
	Mar 2019	80	81	3	77	0	77	127	6024.80	3153	132
	Apr 2019	95	95	5	48	0	48	129	6025.90	3193	218
	May 2019	145	106	8	49	0	49	130	6027.17	3241	489
	Jun 2019	250	101	10	162	0	162	128	6025.36	3173	612
	Jul 2019	140	101	13	92	0	92	128	6025.24	3169	162
	Aug 2019	65	100	12	105	0	105	127	6024.81	3153	125
	Sep 2019	40	108	11	101	0	101	127	6024.71	3150	113
	WY 2019	**1008**	**1024**	**79**	**1183**	**0**	**1183**				**2539**
	Oct 2019	48	61	7	105	0	105	125	6023.39	3101	129
	Nov 2019	46	61	3	63	0	63	125	6023.25	3096	91
	Dec 2019	35	58	2	71	0	71	124	6022.88	3082	96
	Jan 2020	40	65	2	71	0	71	124	6022.69	3076	96
	Feb 2020	45	69	2	66	0	66	124	6022.70	3076	94
	Mar 2020	102	107	3	51	0	51	126	6024.09	3127	128
	Apr 2020	134	138	5	48	0	48	129	6026.31	3209	263
	May 2020	245	206	8	73	0	73	134	6029.51	3330	605
	Jun 2020	390	235	11	248	0	248	133	6028.95	3309	668
	Jul 2020	210	198	14	123	0	123	135	6030.47	3367	223
	Aug 2020	89	180	13	123	0	123	137	6031.56	3410	148
	Sep 2020	55	104	11	119	0	119	136	6030.90	3384	138
	WY 2020	**1439**	**1482**	**80**	**1159**	**0**	**1159**				**2677**
	Oct 2020	59	60	7	123	0	123	133	6029.14	3316	155
	Nov 2020	51	57	3	95	0	95	132	6028.07	3275	127
	Dec 2020	35	52	2	111	0	111	129	6026.53	3217	136
	Jan 2021	40	59	2	111	0	111	127	6025.16	3166	136

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 2019 24-Month Study

Most Probable Inflow*

Taylor Park Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Feb 2018	4	6	9311.50	72
H	Mar 2018	5	6	9310.51	71
I	Apr 2018	8	7	9311.18	72
S	May 2018	24	12	9318.33	84
T	Jun 2018	13	15	9317.29	82
O	Jul 2018	5	14	9311.71	73
R	Aug 2018	3	13	9305.51	63
I	Sep 2018	3	8	9301.71	58
	WY 2018	**88**	**108**		
C	Oct 2018	5	3	9302.60	59
A	Nov 2018	3	3	9302.61	59
L	Dec 2018	4	3	9302.74	59
*	Jan 2019	4	3	9302.92	59
	Feb 2019	2	3	9302.36	58
	Mar 2019	3	3	9302.29	58
	Apr 2019	5	3	9303.69	60
	May 2019	21	10	9310.89	71
	Jun 2019	40	15	9325.00	96
	Jul 2019	15	18	9323.43	93
	Aug 2019	8	15	9319.66	86
	Sep 2019	6	13	9315.69	79
	WY 2019	**115**	**93**		
	Oct 2019	6	6	9315.59	79
	Nov 2019	5	5	9315.44	79
	Dec 2019	5	5	9315.14	78
	Jan 2020	4	5	9314.64	78
	Feb 2020	4	5	9313.99	76
	Mar 2020	4	8	9311.84	73
	Apr 2020	9	8	9312.30	74
	May 2020	28	30	9311.25	72
	Jun 2020	42	30	9318.15	84
	Jul 2020	20	10	9323.66	94
	Aug 2020	10	8	9324.87	96
	Sep 2020	7	8	9324.54	95
	WY 2020	**144**	**128**		
	Oct 2020	7	6	9324.88	96
	Nov 2020	5	5	9324.94	96
	Dec 2020	5	5	9324.77	96
	Jan 2021	4	5	9324.33	95

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Most Probable Inflow*

Blue Mesa Reservoir

	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Feb 2018	23	25	0	32	0	32	7485.54	547
H	Mar 2018	28	29	0	43	0	43	7483.73	534
I	Apr 2018	48	47	1	82	0	82	7478.94	498
S	May 2018	112	100	1	85	0	85	7480.90	513
T	Jun 2018	56	57	1	98	0	98	7475.06	471
O	Jul 2018	21	31	1	101	0	101	7464.43	399
R	Aug 2018	19	28	1	93	0	93	7453.77	334
I	Sep 2018	12	17	1	30	39	68	7444.44	282
	WY 2018	**433**	**453**	**7**	**856**	**39**	**895**		
C	Oct 2018	23	22	0	46	11	56	7437.59	248
A	Nov 2018	22	21	0	19	0	19	7438.08	250
L	Dec 2018	20	19	0	21	0	21	7437.82	249
*	Jan 2019	20	20	0	17	0	17	7438.40	252
	Feb 2019	14	15	0	25	0	25	7436.35	242
	Mar 2019	26	26	0	27	0	27	7436.15	241
	Apr 2019	57	55	0	41	0	41	7438.99	255
	May 2019	163	152	1	103	0	103	7448.31	303
	Jun 2019	240	215	1	37	0	37	7476.35	480
	Jul 2019	90	93	1	66	0	66	7479.88	505
	Aug 2019	46	53	1	75	0	75	7476.63	482
	Sep 2019	35	42	1	66	0	66	7473.02	456
	WY 2019	**755**	**733**	**6**	**542**	**11**	**553**		
	Oct 2019	36	36	0	42	0	42	7472.18	451
	Nov 2019	30	31	0	13	0	13	7474.75	468
	Dec 2019	26	26	0	14	0	14	7476.52	481
	Jan 2020	24	25	0	13	0	13	7478.15	493
	Feb 2020	22	23	0	13	0	13	7479.64	503
	Mar 2020	36	40	0	0	14	14	7483.02	528
	Apr 2020	77	76	1	0	35	35	7488.42	569
	May 2020	221	223	1	6	189	195	7491.80	595
	Jun 2020	261	249	1	47	0	47	7515.68	796
	Jul 2020	117	107	2	90	0	90	7517.36	811
	Aug 2020	63	61	1	99	0	99	7512.99	772
	Sep 2020	38	39	1	92	0	92	7506.68	717
	WY 2020	**952**	**936**	**9**	**429**	**238**	**667**		
	Oct 2020	38	38	1	60	0	60	7503.98	694
	Nov 2020	31	31	0	40	0	40	7502.93	686
	Dec 2020	26	26	0	109	0	109	7492.63	602
	Jan 2021	24	25	0	79	0	79	7485.63	548

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February 2019 24-Month Study

Most Probable Inflow*

Morrow Point Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Feb 2018	24	32	1	33	34	0	34	7149.19	108
H	Mar 2018	29	43	1	44	49	0	49	7143.05	104
I	Apr 2018	54	82	6	87	79	0	79	7154.30	112
S	May 2018	121	85	8	94	94	0	94	7153.76	112
T	Jun 2018	57	98	2	99	99	0	99	7154.16	112
O	Jul 2018	22	101	1	102	101	0	101	7155.49	113
R	Aug 2018	19	93	0	93	94	0	94	7153.96	112
I	Sep 2018	14	68	2	70	84	0	84	7135.77	98
	WY 2018	**460**	**895**	**27**	**922**	**935**	**0**	**937**		
C	Oct 2018	24	56	1	57	56	0	56	7136.92	99
A	Nov 2018	23	19	1	20	13	0	15	7143.47	104
L	Dec 2018	21	21	1	22	18	0	18	7147.95	107
*	Jan 2019	21	17	1	17	18	0	18	7147.00	107
	Feb 2019	15	25	1	26	20	0	20	7153.73	112
	Mar 2019	28	27	2	29	29	0	29	7153.73	112
	Apr 2019	65	41	8	49	49	0	49	7153.73	112
	May 2019	175	103	12	115	115	0	115	7153.73	112
	Jun 2019	255	37	15	52	52	0	52	7153.73	112
	Jul 2019	95	66	5	71	71	0	71	7153.73	112
	Aug 2019	49	75	3	78	78	0	78	7153.73	112
	Sep 2019	37	66	2	68	68	0	68	7153.73	112
	WY 2019	**807**	**553**	**52**	**605**	**589**	**0**	**591**		
	Oct 2019	38	42	2	44	44	0	44	7153.73	112
	Nov 2019	32	13	2	15	15	0	15	7153.73	112
	Dec 2019	28	14	2	16	16	0	16	7153.73	112
	Jan 2020	27	13	2	16	16	0	16	7153.73	112
	Feb 2020	25	13	3	15	15	0	15	7153.73	112
	Mar 2020	40	14	4	18	18	0	18	7153.73	112
	Apr 2020	88	35	11	46	46	0	46	7153.73	112
	May 2020	247	195	26	221	221	0	221	7153.73	112
	Jun 2020	281	47	20	67	67	0	67	7153.73	112
	Jul 2020	123	90	6	96	96	0	96	7153.73	112
	Aug 2020	67	99	3	103	103	0	103	7153.73	112
	Sep 2020	41	92	3	95	95	0	95	7153.73	112
	WY 2020	**1037**	**667**	**84**	**751**	**751**	**0**	**751**		
	Oct 2020	41	60	3	62	62	0	62	7153.73	112
	Nov 2020	33	40	2	42	42	0	42	7153.73	112
	Dec 2020	28	109	2	112	112	0	112	7153.73	112
	Jan 2021	27	79	2	81	81	0	81	7153.73	112

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Managing Water in the West

February 2019 24-Month Study

Most Probable Inflow*

Crystal Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
*	Feb 2018	27	34	3	37	16	20	36	6750.06	16	0	34
H	Mar 2018	33	49	4	52	53	0	53	6747.97	16	13	38
I	Apr 2018	60	79	6	84	84	0	84	6749.35	16	53	28
S	May 2018	129	94	9	102	102	0	102	6749.41	16	62	39
T	Jun 2018	61	99	3	102	102	0	102	6750.48	16	63	42
O	Jul 2018	24	101	2	103	103	0	103	6750.59	16	64	41
R	Aug 2018	21	94	2	96	98	0	98	6744.83	15	65	36
I	Sep 2018	15	84	1	85	87	0	87	6737.22	13	59	33
	WY 2018	**505**	**937**	**45**	**982**	**959**	**26**	**985**			**438**	**553**
C	Oct 2018	27	56	3	59	55	0	55	6751.87	17	33	24
A	Nov 2018	26	15	4	19	21	0	21	6743.11	14	1	19
L	Dec 2018	25	18	4	22	21	0	22	6745.32	15	0	20
*	Jan 2019	25	18	4	22	19	3	22	6746.57	15	1	20
	Feb 2019	18	20	3	23	22	0	22	6753.04	17	0	22
	Mar 2019	33	29	5	34	34	0	34	6753.04	17	5	29
	Apr 2019	74	49	9	58	58	0	58	6753.04	17	42	16
	May 2019	200	115	25	140	134	6	140	6753.04	17	62	78
	Jun 2019	280	52	25	77	77	0	77	6753.04	17	61	16
	Jul 2019	106	71	11	82	82	0	82	6753.04	17	65	17
	Aug 2019	53	78	4	82	82	0	82	6753.04	17	65	17
	Sep 2019	42	68	5	73	73	0	73	6753.04	17	55	18
	WY 2019	**908**	**591**	**101**	**693**	**679**	**9**	**688**			**390**	**297**
	Oct 2019	44	44	5	49	49	0	49	6753.04	17	30	19
	Nov 2019	37	15	4	19	19	0	19	6753.04	17	0	19
	Dec 2019	32	16	5	20	20	0	20	6753.04	17	0	20
	Jan 2020	31	16	5	20	20	0	20	6753.04	17	0	20
	Feb 2020	29	15	4	19	0	19	19	6753.04	17	0	19
	Mar 2020	46	18	6	25	25	0	25	6753.04	17	5	20
	Apr 2020	101	46	12	58	58	0	58	6753.04	17	42	16
	May 2020	281	221	34	256	134	121	256	6753.04	17	62	194
	Jun 2020	315	67	34	101	101	0	101	6753.04	17	61	40
	Jul 2020	138	96	14	111	111	0	111	6753.04	17	65	46
	Aug 2020	75	103	8	111	111	0	111	6753.04	17	65	46
	Sep 2020	47	95	6	101	101	0	101	6753.04	17	55	46
	WY 2020	**1175**	**751**	**139**	**890**	**750**	**140**	**890**			**385**	**505**
	Oct 2020	47	62	6	69	69	0	69	6753.04	17	30	39
	Nov 2020	38	42	5	47	47	0	47	6753.04	17	0	47
	Dec 2020	32	112	5	116	116	0	116	6753.04	17	0	116
	Jan 2021	31	81	5	86	86	0	86	6753.04	17	0	86

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Most Probable Inflow*

Vallecito Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Feb 2018	3	0	7642.57	70
H	Mar 2018	4	0	7644.11	73
I	Apr 2018	15	3	7649.29	85
S	May 2018	30	31	7648.91	84
T	Jun 2018	14	35	7639.22	63
O	Jul 2018	8	35	7624.15	35
R	Aug 2018	5	19	7613.87	22
I	Sep 2018	3	4	7613.06	21
	WY 2018	**102**	**153**		
C	Oct 2018	9	3	7617.56	26
A	Nov 2018	5	0	7621.25	31
L	Dec 2018	3	0	7623.31	34
*	Jan 2019	4	0	7625.50	37
	Feb 2019	3	0	7627.11	40
	Mar 2019	4	0	7629.16	43
	Apr 2019	12	0	7635.32	55
	May 2019	48	31	7643.41	72
	Jun 2019	56	43	7648.95	84
	Jul 2019	19	42	7638.64	61
	Aug 2019	14	38	7625.54	37
	Sep 2019	13	30	7612.86	20
	WY 2019	**190**	**187**		
	Oct 2019	13	17	7608.64	16
	Nov 2019	8	2	7613.92	22
	Dec 2019	6	2	7617.66	26
	Jan 2020	5	2	7620.35	30
	Feb 2020	5	2	7622.44	33
	Mar 2020	9	3	7626.32	39
	Apr 2020	23	3	7637.51	59
	May 2020	71	31	7654.85	99
	Jun 2020	70	44	7664.61	124
	Jul 2020	29	41	7659.71	111
	Aug 2020	20	38	7652.47	93
	Sep 2020	17	29	7647.41	81
	WY 2020	**277**	**214**		
	Oct 2020	16	16	7646.98	80
	Nov 2020	9	2	7649.60	86
	Dec 2020	6	2	7651.43	90
	Jan 2021	5	2	7652.85	94

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Most Probable Inflow*

Navajo Reservoir

	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azetea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Farmington Flow (1000 Ac-Ft)
*	Feb 2018	13	0	11	1	1	17	6051.73	1246	33
H	Mar 2018	24	2	19	2	6	21	6050.92	1236	30
I	Apr 2018	70	13	46	2	20	38	6049.73	1222	42
S	May 2018	88	16	71	3	36	32	6049.80	1223	69
T	Jun 2018	6	3	24	4	42	42	6044.23	1159	49
O	Jul 2018	-9	0	18	4	42	51	6036.94	1080	53
R	Aug 2018	-7	0	7	3	42	51	6028.27	991	48
I	Sep 2018	2	0	3	2	27	46	6020.80	919	42
	WY 2018	**268**	**36**	**283**	**24**	**224**	**405**			**540**
C	Oct 2018	23	1	17	1	7	31	6018.35	897	40
A	Nov 2018	15	0	10	1	0	18	6017.43	888	34
L	Dec 2018	13	0	9	0	0	18	6016.39	879	30
*	Jan 2019	13	0	10	0	0	19	6015.33	869	31
	Feb 2019	15	0	12	1	0	19	6014.48	861	25
	Mar 2019	40	0	36	1	5	22	6015.41	870	33
	Apr 2019	78	1	65	2	21	23	6017.53	889	48
	May 2019	171	7	147	3	36	45	6024.36	953	144
	Jun 2019	150	21	116	3	52	30	6027.51	984	152
	Jul 2019	31	18	36	3	57	34	6021.52	926	78
	Aug 2019	42	1	64	3	48	36	6019.19	904	62
	Sep 2019	34	2	49	2	26	23	6018.89	902	56
	WY 2019	**625**	**51**	**571**	**20**	**251**	**318**			**732**
	Oct 2019	40	1	43	1	10	23	6019.93	911	51
	Nov 2019	31	1	25	1	0	21	6020.28	914	39
	Dec 2019	25	0	20	0	0	22	6020.11	913	37
	Jan 2020	22	0	18	0	0	22	6019.72	909	35
	Feb 2020	30	0	27	1	0	20	6020.40	916	33
	Mar 2020	92	0	86	1	6	22	6026.43	973	44
	Apr 2020	170	9	141	2	22	21	6035.91	1069	74
	May 2020	277	21	216	3	36	22	6049.91	1225	168
	Jun 2020	224	37	161	4	53	21	6056.81	1308	172
	Jul 2020	66	29	50	4	57	22	6054.13	1275	89
	Aug 2020	45	5	58	3	48	26	6052.53	1256	65
	Sep 2020	43	2	53	3	26	23	6052.68	1257	55
	WY 2020	**1066**	**104**	**899**	**24**	**257**	**262**			**861**
	Oct 2020	47	2	46	2	0	22	6054.55	1280	50
	Nov 2020	34	2	25	1	0	21	6054.84	1284	39
	Dec 2020	25	0	20	1	0	22	6054.69	1282	37
	Jan 2021	22	0	18	1	0	22	6054.38	1278	35

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February 2019 24-Month Study

Most Probable Inflow*

Lake Powell

	Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry Gage (1000 Ac-Ft)
*	Feb 2018	269	387	10	730	0	730	3616.02	5121	13346	750
H	Mar 2018	332	395	16	800	0	800	3612.23	5090	12956	835
I	Apr 2018	382	419	25	705	0	705	3609.39	5067	12669	738
S	May 2018	1214	968	29	705	0	705	3611.54	5085	12886	730
T	Jun 2018	883	635	45	760	0	760	3609.98	5072	12728	781
O	Jul 2018	123	252	53	860	0	860	3603.80	5023	12116	877
R	Aug 2018	11	260	50	900	0	900	3597.12	4972	11477	911
I	Sep 2018	1	230	45	670	0	670	3592.28	4936	11028	690
	WY 2018	**4612**	**5459**	**386**	**9000**	**0**	**9000**				**9158**
C	Oct 2018	351	477	30	625	0	625	3590.46	4923	10862	650
A	Nov 2018	254	307	29	585	77	662	3586.50	4894	10507	668
L	Dec 2018	228	322	22	740	0	740	3581.85	4862	10099	741
*	Jan 2019	212	303	7	804	0	804	3576.34	4824	9629	814
	Feb 2019	250	333	7	735	0	735	3571.77	4794	9251	739
	Mar 2019	415	399	11	790	0	790	3567.15	4764	8878	795
	Apr 2019	650	554	18	690	0	690	3565.34	4753	8736	698
	May 2019	1550	1310	21	690	0	690	3572.25	4797	9290	696
	Jun 2019	2250	1912	36	765	0	765	3584.38	4879	10319	773
	Jul 2019	850	856	45	860	0	860	3583.86	4876	10273	879
	Aug 2019	370	482	44	900	0	900	3578.90	4841	9846	918
	Sep 2019	320	430	40	648	0	648	3576.08	4822	9607	658
	WY 2019	**7701**	**7684**	**309**	**8832**	**77**	**8909**				**9030**
	Oct 2019	438	494	27	480	0	480	3575.93	4821	9595	486
	Nov 2019	439	428	26	500	0	500	3574.84	4814	9504	500
	Dec 2019	363	383	21	600	0	600	3572.17	4796	9283	605
	Jan 2020	361	380	6	720	0	720	3568.21	4771	8963	731
	Feb 2020	393	395	6	640	0	640	3565.27	4752	8730	644
	Mar 2020	665	528	11	675	0	675	3563.39	4740	8584	680
	Apr 2020	1056	808	17	600	0	600	3565.66	4755	8761	608
	May 2020	2343	1946	22	600	0	600	3580.55	4853	9987	606
	Jun 2020	2666	2197	38	630	0	630	3596.32	4966	11402	638
	Jul 2020	1091	1018	49	710	0	710	3598.86	4985	11641	729
	Aug 2020	500	604	49	760	0	760	3596.84	4970	11451	778
	Sep 2020	408	534	45	565	0	565	3596.08	4964	11380	576
	WY 2020	**10723**	**9714**	**319**	**7480**	**0**	**7480**				**7580**
	Oct 2020	512	574	31	640	0	640	3595.12	4957	11290	646
	Nov 2020	473	515	30	640	0	640	3593.57	4945	11146	640
	Dec 2020	363	519	24	720	0	720	3591.30	4929	10938	725
	Jan 2021	361	486	7	860	0	860	3587.38	4901	10585	871

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 2019 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Glen Release (1000 Ac-Ft)	Side Inflow Glen to Hoover (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Feb 2018	730	60	28	687	12.4	10	693	696	1088.21	10703
H	Mar 2018	800	70	32	833	13.5	14	832	695	1088.11	10694
I	Apr 2018	705	43	39	1015	17.1	21	1015	675	1084.49	10387
S	May 2018	705	21	44	1055	17.1	27	1054	651	1080.00	10011
T	Jun 2018	760	27	53	986	16.6	28	985	634	1076.81	9748
O	Jul 2018	860	106	65	820	13.3	27	819	637	1077.43	9799
R	Aug 2018	900	74	70	749	12.2	28	748	645	1078.88	9918
I	Sep 2018	670	84	58	725	12.2	24	723	642	1078.29	9870
	WY 2018	**9000**	**690**	**541**	**9240**		**241**	**9237**			
C	Oct 2018	625	100	42	641	10.4	23	634	643	1078.52	9889
A	Nov 2018	662	67	42	690	11.6	16	689	642	1078.32	9872
L	Dec 2018	740	52	36	468	7.6	11	467	659	1081.46	10132
*	Jan 2019	804	105	30	487	7.9	8	486	682	1085.75	10493
	Feb 2019	735	93	28	683	12.3	11	683	689	1086.93	10593
	Mar 2019	790	56	31	939	15.3	20	939	680	1085.33	10458
	Apr 2019	690	48	39	1045	17.6	24	1045	657	1081.19	10110
	May 2019	690	31	44	1005	16.3	34	1005	635	1077.09	9771
	Jun 2019	765	12	52	927	15.6	33	927	621	1074.37	9550
	Jul 2019	860	81	65	844	13.7	36	844	621	1074.33	9546
	Aug 2019	900	112	69	788	12.8	34	788	628	1075.73	9660
	Sep 2019	648	105	57	726	12.2	27	726	624	1075.08	9607
	WY 2019	**8909**	**863**	**535**	**9241**		**276**	**9231**			
	Oct 2019	480	69	41	478	7.8	28	478	625	1075.10	9609
	Nov 2019	500	61	41	740	12.4	20	740	610	1072.30	9383
	Dec 2019	600	50	35	662	10.8	16	662	606	1071.55	9323
	Jan 2020	720	78	29	577	9.4	14	577	617	1073.63	9491
	Feb 2020	640	93	27	664	11.5	17	664	618	1073.94	9515
	Mar 2020	675	56	30	943	15.3	22	943	602	1070.85	9268
	Apr 2020	600	48	36	1015	17.1	25	1015	576	1065.75	8865
	May 2020	600	31	41	967	15.7	31	967	551	1060.78	8483
	Jun 2020	630	12	48	964	16.2	31	964	527	1055.78	8106
	Jul 2020	710	81	59	839	13.6	31	839	519	1054.04	7977
	Aug 2020	760	112	63	772	12.6	28	772	519	1054.16	7986
	Sep 2020	565	105	51	698	11.7	25	698	513	1052.83	7889
	WY 2020	**7480**	**796**	**502**	**9318**		**287**	**9318**			
	Oct 2020	640	69	38	473	7.7	25	473	523	1055.04	8052
	Nov 2020	640	61	38	586	9.8	17	586	527	1055.80	8108
	Dec 2020	720	50	33	551	9.0	14	551	538	1057.97	8270
	Jan 2021	860	78	27	577	9.4	14	577	557	1061.92	8570

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 2019 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Feb 2018	687	-4	10	611	0	611	11.0	643.18	1704
H	Mar 2018	833	-1	13	836	0	836	13.6	642.57	1687
I	Apr 2018	1015	-3	17	1001	0	1001	16.8	642.40	1682
S	May 2018	1055	-11	22	1001	0	1001	16.3	643.17	1703
T	Jun 2018	986	-21	26	909	0	909	15.3	644.29	1734
O	Jul 2018	820	-6	26	827	0	827	13.4	642.91	1696
R	Aug 2018	749	-13	23	730	0	730	11.9	642.29	1679
I	Sep 2018	725	-11	18	814	0	814	13.7	637.87	1561
	WY 2018	**9240**	**-103**	**198**	**8981**	**0**	**8981**			
C	Oct 2018	641	-11	15	635	0	635	10.3	637.08	1540
A	Nov 2018	690	-28	11	610	0	610	10.3	638.62	1581
L	Dec 2018	468	-14	9	375	0	386	6.3	640.79	1639
*	Jan 2019	487	-29	10	418	0	418	6.8	641.89	1668
	Feb 2019	683	-15	10	655	0	655	11.8	642.00	1671
	Mar 2019	939	-17	13	895	0	895	14.6	642.50	1685
	Apr 2019	1045	-20	17	995	0	995	16.7	643.00	1699
	May 2019	1005	-12	22	970	0	970	15.8	643.00	1699
	Jun 2019	927	-15	25	886	0	886	14.9	643.00	1699
	Jul 2019	844	-15	25	830	0	830	13.5	642.00	1671
	Aug 2019	788	-12	23	753	0	753	12.3	642.00	1671
	Sep 2019	726	-12	18	749	0	749	12.6	640.01	1618
	WY 2019	**9241**	**-202**	**198**	**8772**	**0**	**8783**			
	Oct 2019	478	-4	15	642	0	642	10.4	633.00	1434
	Nov 2019	740	-12	10	666	0	666	11.2	635.00	1486
	Dec 2019	662	-12	9	544	0	544	8.9	638.71	1583
	Jan 2020	577	-19	10	465	0	465	7.6	641.80	1666
	Feb 2020	664	-15	10	639	0	639	11.1	641.80	1666
	Mar 2020	943	-17	13	878	0	878	14.3	643.05	1700
	Apr 2020	1015	-20	17	980	0	980	16.5	643.00	1699
	May 2020	967	-12	22	932	0	932	15.2	643.00	1699
	Jun 2020	964	-15	25	923	0	923	15.5	643.00	1699
	Jul 2020	839	-15	25	825	0	825	13.4	642.00	1671
	Aug 2020	772	-12	23	737	0	737	12.0	642.00	1671
	Sep 2020	698	-12	18	721	0	721	12.1	640.01	1618
	WY 2020	**9318**	**-166**	**197**	**8954**	**0**	**8954**			
	Oct 2020	473	-4	15	638	0	638	10.4	633.00	1434
	Nov 2020	586	-12	10	512	0	512	8.6	635.00	1486
	Dec 2020	551	-12	9	433	0	433	7.0	638.71	1583
	Jan 2021	577	-19	10	466	0	466	7.6	641.80	1666

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 2019 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	Feb 2018	611	3	8	429	7.7	12	109	448.52	590	145	2.6
H	Mar 2018	836	-3	9	637	10.4	61	139	447.46	570	195	3.2
I	Apr 2018	1001	-8	11	735	12.4	75	168	447.13	564	175	2.9
S	May 2018	1001	10	13	697	11.3	87	178	448.51	590	124	2.0
T	Jun 2018	909	6	15	712	12.0	91	88	448.43	588	136	2.3
O	Jul 2018	827	20	17	656	10.7	101	72	448.00	580	133	2.2
R	Aug 2018	730	22	17	611	9.9	99	22	447.53	571	104	1.7
I	Sep 2018	814	9	15	512	8.6	95	164	448.95	598	94	1.6
	WY 2018	**8981**	**100**	**139**	**6479**		**910**	**1431**			**1504**	
C	Oct 2018	635	23	12	394	6.4	86	176	448.12	582	68	1.1
A	Nov 2018	610	16	9	357	6.0	85	173	447.99	580	97	1.6
L	Dec 2018	386	26	7	218	3.5	70	143	446.53	552	105	1.7
*	Jan 2019	418	20	6	250	4.1	87	91	446.58	553	122	2.0
	Feb 2019	655	11	8	423	7.6	57	164	447.00	561	152	2.7
	Mar 2019	895	7	9	712	11.6	9	154	447.50	571	192	3.1
	Apr 2019	995	16	11	726	12.2	78	163	448.70	593	178	3.0
	May 2019	970	15	13	698	11.4	81	181	448.70	593	119	1.9
	Jun 2019	886	13	16	719	12.1	78	73	448.70	593	127	2.1
	Jul 2019	830	21	17	679	11.0	81	75	448.00	580	135	2.2
	Aug 2019	753	23	17	601	9.8	81	75	447.50	571	104	1.7
	Sep 2019	749	17	15	514	8.6	78	148	447.50	570	96	1.6
	WY 2019	**8783**	**207**	**140**	**6290**		**870**	**1615**			**1494**	
	Oct 2019	642	23	12	469	7.6	35	143	447.50	571	65	1.1
	Nov 2019	666	16	9	395	6.6	110	163	447.50	571	99	1.7
	Dec 2019	544	18	7	331	5.4	111	129	446.50	552	109	1.8
	Jan 2020	465	21	6	261	4.2	109	106	446.50	552	121	2.0
	Feb 2020	639	11	8	433	7.5	103	100	446.50	552	147	2.6
	Mar 2020	878	7	9	707	11.5	32	124	446.70	555	185	3.0
	Apr 2020	980	16	11	724	12.2	89	124	448.70	593	171	2.9
	May 2020	932	15	13	693	11.3	92	137	448.70	593	115	1.9
	Jun 2020	923	13	16	718	12.1	89	100	448.70	593	124	2.1
	Jul 2020	825	21	17	675	11.0	92	62	448.00	580	131	2.1
	Aug 2020	737	23	17	593	9.6	92	56	447.50	571	101	1.6
	Sep 2020	721	17	15	512	8.6	89	112	447.50	570	93	1.6
	WY 2020	**8954**	**200**	**139**	**6510**		**1042**	**1355**			**1460**	
	Oct 2020	638	23	12	485	7.9	45	112	447.50	571	63	1.0
	Nov 2020	512	16	9	357	6.0	44	112	447.50	571	95	1.6
	Dec 2020	433	18	7	314	5.1	45	100	446.50	552	105	1.7
	Jan 2021	466	21	6	260	4.2	110	106	446.50	552	121	2.0

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 2019 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Feb 2018	687	12.4	1088.21	10703	61	441.97	1220.1	275.0	75	400.3
H	Mar 2018	833	13.5	1088.11	10694	-9	442.23	1005.9	333.9	62	400.8
I	Apr 2018	1015	17.1	1084.49	10387	-308	437.15	880.9	406.2	55	400.0
S	May 2018	1055	17.1	1080.00	10011	-376	432.39	1385.9	412.1	88	390.8
T	Jun 2018	986	16.6	1076.81	9748	-263	428.91	1552.0	378.6	100	384.1
O	Jul 2018	820	13.3	1077.43	9799	51	432.34	1552.0	313.2	100	382.0
R	Aug 2018	749	12.2	1078.88	9918	119	435.01	1562.0	287.4	100	383.8
I	Sep 2018	725	12.2	1078.29	9870	-49	434.15	1562.0	278.7	100	384.7
	WY 2018	**9240**							**3614.3**		
C	Oct 2018	641	10.4	1078.52	9889	19	435.29	1406.1	247.8	87	386.7
A	Nov 2018	690	11.6	1078.32	9872	-16	434.47	755.0	266.1	49	385.8
L	Dec 2018	453	7.6	1081.46	10132	260	438.59	959.9	179.6	61	396.6
*	Jan 2019	487	7.9	1085.75	10493	361	442.10	1006.1	183.4	63	376.8
	Feb 2019	683	12.3	1086.93	10593	100	436.77	1119.0	272.1	70	398.6
	Mar 2019	939	15.3	1085.33	10458	-135	437.01	1010.0	379.7	63	404.3
	Apr 2019	1045	17.6	1081.19	10110	-348	433.93	970.9	423.1	63	404.9
	May 2019	1005	16.3	1077.09	9771	-339	429.66	957.0	398.7	63	396.7
	Jun 2019	927	15.6	1074.37	9550	-221	422.29	1512.0	354.5	100	382.5
	Jul 2019	844	13.7	1074.33	9546	-4	421.25	1499.0	324.3	100	384.4
	Aug 2019	788	12.8	1075.73	9660	114	422.25	1512.0	301.5	100	382.7
	Sep 2019	726	12.2	1075.08	9607	-53	423.27	1499.0	276.9	100	381.6
	WY 2019	**9226**							**3607.7**		
	Oct 2019	478	7.8	1075.10	9609	2	426.53	1316.0	183.7	88	384.5
	Nov 2019	740	12.4	1072.30	9383	-226	428.21	1208.9	288.0	81	389.4
	Dec 2019	662	10.8	1071.55	9323	-60	425.13	1106.1	252.4	76	381.0
	Jan 2020	577	9.4	1073.63	9491	167	424.19	1046.0	219.8	70	380.9
	Feb 2020	664	11.5	1073.94	9515	24	424.51	1035.0	255.7	68	385.2
	Mar 2020	943	15.3	1070.85	9268	-247	421.42	1180.0	362.7	81	384.7
	Apr 2020	1015	17.1	1065.75	8865	-402	417.22	1115.0	386.5	78	380.7
	May 2020	967	15.7	1060.78	8483	-382	409.95	1392.0	359.0	100	371.3
	Jun 2020	964	16.2	1055.78	8106	-376	405.02	1358.0	348.0	100	361.0
	Jul 2020	839	13.6	1054.04	7977	-129	402.00	1426.3	306.7	100	365.8
	Aug 2020	772	12.6	1054.16	7986	9	401.53	1427.0	279.9	100	362.6
	Sep 2020	698	11.7	1052.83	7889	-98	401.57	1419.5	251.3	100	360.2
	WY 2020	**9318**							**3493.8**		
	Oct 2020	473	7.7	1055.04	8052	163	405.56	1257.1	173.7	88	367.2
	Nov 2020	586	9.8	1055.80	8108	56	410.07	1158.3	216.3	81	369.2
	Dec 2020	551	9.0	1057.97	8270	162	410.20	1094.2	201.6	76	366.1
	Jan 2021	577	9.4	1061.92	8570	300	411.62	1026.1	213.7	70	370.1

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 2019 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Feb 2018	611	11.0	643.18	1704	63	142.18	162.1	76.6	64	125.4
H	Mar 2018	836	13.6	642.57	1687	-17	139.99	189.2	105.4	74	126.1
I	Apr 2018	1001	16.8	642.40	1682	-5	141.14	207.4	125.1	81	125.0
S	May 2018	1001	16.3	643.17	1703	21	141.89	204.0	126.2	80	126.1
T	Jun 2018	909	15.3	644.29	1734	31	143.00	255.0	115.0	100	126.6
O	Jul 2018	827	13.4	642.91	1696	-38	141.79	255.0	105.3	100	127.4
R	Aug 2018	730	11.9	642.29	1679	-17	141.02	255.0	92.7	100	127.1
I	Sep 2018	814	13.7	637.87	1561	-119	136.59	255.0	101.2	100	124.3
	WY 2018	**8981**							**1126.3**		
C	Oct 2018	635	10.3	637.08	1540	-21	135.95	184.3	77.8	72	122.4
A	Nov 2018	610	10.3	638.62	1581	40	137.20	158.1	78.4	62	128.4
L	Dec 2018	375	6.3	640.79	1639	58	140.00	153.0	47.3	60	126.1
*	Jan 2019	418	6.8	641.89	1668	30	143.26	159.6	56.8	63	135.8
	Feb 2019	655	11.8	642.00	1671	3	139.37	153.0	82.2	81	125.6
	Mar 2019	895	14.6	642.50	1685	14	138.66	189.2	111.8	95	124.9
	Apr 2019	995	16.7	643.00	1699	14	138.42	207.4	124.0	100	124.7
	May 2019	970	15.8	643.00	1699	0	138.99	204.0	121.5	100	125.2
	Jun 2019	886	14.9	643.00	1699	0	139.29	255.0	111.2	100	125.5
	Jul 2019	830	13.5	642.00	1671	-27	139.29	255.0	104.2	100	125.5
	Aug 2019	753	12.3	642.00	1671	0	139.25	255.0	94.5	100	125.5
	Sep 2019	749	12.6	640.01	1618	-54	138.13	255.0	93.2	100	124.4
	WY 2019	**8772**							**1102.8**		
	Oct 2019	642	10.4	633.00	1434	-183	134.46	174.4	77.8	82	121.1
	Nov 2019	666	11.2	635.00	1486	51	131.66	158.1	79.0	60	118.6
	Dec 2019	544	8.9	638.71	1583	97	135.48	153.0	66.4	79	122.1
	Jan 2020	465	7.6	641.80	1666	83	139.45	141.5	58.5	70	125.6
	Feb 2020	639	11.1	641.80	1666	0	139.49	207.6	80.3	74	125.7
	Mar 2020	878	14.3	643.05	1700	34	138.93	207.3	110.0	100	125.2
	Apr 2020	980	16.5	643.00	1699	-1	138.78	234.6	122.5	100	125.0
	May 2020	932	15.2	643.00	1699	0	139.19	255.0	116.9	100	125.4
	Jun 2020	923	15.5	643.00	1699	0	139.07	255.0	115.7	100	125.3
	Jul 2020	825	13.4	642.00	1671	-27	139.31	255.0	103.6	100	125.5
	Aug 2020	737	12.0	642.00	1671	0	139.35	255.0	92.6	100	125.5
	Sep 2020	721	12.1	640.01	1618	-54	138.31	255.0	89.8	100	124.6
	WY 2020	**8954**							**1113.0**		
	Oct 2020	638	10.4	633.00	1434	-183	134.50	185.9	77.2	82	121.2
	Nov 2020	512	8.6	635.00	1486	51	132.74	153.0	61.2	60	119.6
	Dec 2020	433	7.0	638.71	1583	97	136.29	200.7	53.1	79	122.8
	Jan 2021	466	7.6	641.80	1666	83	139.45	213.9	58.5	70	125.6

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 2019 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Feb 2018	429	7.7	448.52	590	50	81.30	92.1	30.3	77	70.6
H	Mar 2018	638	10.4	447.46	570	-20	81.79	102.6	44.9	85	70.4
I	Apr 2018	735	12.4	447.13	564	-6	81.11	120.0	50.8	100	69.1
S	May 2018	697	11.3	448.51	590	26	82.36	120.0	48.5	100	69.6
T	Jun 2018	712	12.0	448.43	588	-1	80.33	120.0	49.7	100	69.9
O	Jul 2018	656	10.7	448.00	580	-8	81.97	120.0	46.0	100	70.2
R	Aug 2018	611	9.9	447.53	571	-9	79.27	120.0	42.7	100	69.9
I	Sep 2018	512	8.6	448.95	598	27	83.02	120.0	35.9	100	70.1
	WY 2018	**6479**							**451.7**		
C	Oct 2018	394	6.4	448.12	582	-16	82.83	90.0	27.9	75	70.9
A	Nov 2018	350	6.0	447.99	580	-3	82.25	93.0	26.1	78	74.4
L	Dec 2018	218	3.5	446.53	552	-27	81.03	116.1	12.9	97	59.1
*	Jan 2019	250	4.1	446.58	553	1	82.75	117.1	17.0	98	68.2
	Feb 2019	423	7.6	447.00	561	8	75.49	92.1	27.6	77	65.4
	Mar 2019	712	11.6	447.50	571	9	74.93	113.2	46.8	94	65.7
	Apr 2019	726	12.2	448.70	593	23	75.47	120.0	48.0	100	66.2
	May 2019	698	11.4	448.70	593	0	76.05	120.0	46.4	100	66.5
	Jun 2019	719	12.1	448.70	593	0	76.05	120.0	47.9	100	66.6
	Jul 2019	679	11.0	448.00	580	-13	75.71	120.0	44.9	100	66.2
	Aug 2019	601	9.8	447.50	571	-9	75.13	120.0	39.4	100	65.5
	Sep 2019	514	8.6	447.50	570	0	74.89	120.0	33.4	100	65.0
	WY 2019	**6283**							**418.3**		
	Oct 2019	469	7.6	447.50	571	0	76.29	90.0	30.9	75	66.0
	Nov 2019	395	6.6	447.50	571	0	76.14	93.0	25.8	78	65.3
	Dec 2019	331	5.4	446.50	552	-19	74.65	114.2	21.0	95	63.4
	Jan 2020	261	4.2	446.50	552	0	75.07	94.8	16.3	79	62.7
	Feb 2020	433	7.5	446.50	552	0	75.16	93.1	28.2	78	65.1
	Mar 2020	707	11.5	446.70	555	4	74.01	120.0	45.9	100	64.9
	Apr 2020	724	12.2	448.70	593	38	75.08	120.0	47.7	100	65.9
	May 2020	693	11.3	448.70	593	0	76.05	120.0	46.1	100	66.5
	Jun 2020	718	12.1	448.70	593	0	76.05	120.0	47.8	100	66.6
	Jul 2020	675	11.0	448.00	580	-13	75.71	120.0	44.7	100	66.1
	Aug 2020	593	9.6	447.50	571	-9	75.13	120.0	38.8	100	65.4
	Sep 2020	512	8.6	447.50	570	0	74.89	120.0	33.3	100	65.0
	WY 2020	**6510**							**426.4**		
	Oct 2020	485	7.9	447.50	571	0	76.29	90.0	32.0	75	66.1
	Nov 2020	357	6.0	447.50	571	0	76.19	92.0	23.2	77	65.0
	Dec 2020	314	5.1	446.50	552	-19	74.86	109.4	19.9	91	63.3
	Jan 2021	260	4.2	446.50	552	0	75.07	94.8	16.3	79	62.7

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 2019 24-Month Study

Most Probable Inflow*

Upper Basin Power

	Date	Glen Canyon 1000 MWHR	Flaming Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Reservoir 1000 MWHR	Fontenelle Reservoir 1000 MWHR
*	Feb 2018	335	60	9	12	3	5
H	Mar 2018	364	41	12	16	9	1
	Winter 2018	**2013**	**334**	**107**	**133**	**71**	**31**
I	Apr 2018	318	39	23	27	16	5
S	May 2018	318	63	23	33	20	7
T	Jun 2018	343	50	27	34	20	8
O	Jul 2018	384	48	27	36	20	8
R	Aug 2018	393	50	24	33	19	7
I	Sep 2018	288	47	8	29	16	1
	Summer 2018	**2045**	**297**	**133**	**193**	**111**	**36**
C	Oct 2018	268	39	11	19	9	4
A	Nov 2018	248	36	5	4	2	5
L	Dec 2018	313	47	5	6	2	5
*	Jan 2019	335	47	4	6	1	4
	Feb 2019	275	41	6	7	4	4
	Mar 2019	293	28	7	10	6	3
	Winter 2019	**1731**	**237**	**37**	**52**	**24**	**24**
	Apr 2019	254	17	10	18	10	4
	May 2019	255	18	26	41	23	4
	Jun 2019	288	59	10	19	13	6
	Jul 2019	328	34	19	26	14	8
	Aug 2019	340	38	22	28	14	9
	Sep 2019	244	37	19	25	13	3
	Summer 2019	**1709**	**203**	**106**	**157**	**88**	**34**
	Oct 2019	180	38	12	16	9	5
	Nov 2019	187	23	4	5	3	4
	Dec 2019	224	26	4	6	4	4
	Jan 2020	267	26	4	6	4	4
	Feb 2020	234	24	4	5	0	4
	Mar 2020	246	19	0	7	4	4
	Winter 2020	**1338**	**155**	**27**	**44**	**23**	**25**
	Apr 2020	219	17	0	17	10	6
	May 2020	224	27	2	80	23	7
	Jun 2020	242	91	14	24	17	8
	Jul 2020	278	45	28	35	19	10
	Aug 2020	298	45	31	37	19	10
	Sep 2020	222	44	29	34	17	2
	Summer 2020	**1261**	**225**	**76**	**192**	**89**	**40**
	Oct 2020	251	45	18	23	12	4
	Nov 2020	249	35	12	15	8	4
	Dec 2020	279	40	33	40	20	4
	Jan 2021	333	40	23	29	15	3

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

February 2019 24-Month Study

Most Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions

Date	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Total KAF	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****EFFECTIVE SPACE****										
Feb 2019	746	578	827	14693	16844	16884	33727	208	291	240	739	14693	16884	32315	1500	683	0	26.6
Mar 2019	822	588	835	15071	17316	16784	34099	283	302	247	832	15071	16784	32687	1500	939	0	26.2
Apr 2019	822	589	826	15444	17680	16919	34600	279	303	232	814	15444	16919	33177	1500	1045	0	25.8
May 2019	781	575	807	15586	17749	17267	35016	232	287	190	709	15586	17267	33562	1500	1005	0	26.2
Jun 2019	696	526	743	15032	16997	17606	34603	136	226	88	450	15032	17606	33088	1500	927	0	27.3
Jul 2019	618	350	712	14003	15683	17827	33509	48	24	2	74	14003	17827	31903	1500	844	0	27.2
								****CREDITABLE SPACE****										
Aug 2019	586	324	770	14049	15728	17831	33559	586	324	770	1680	14049	17831	33559	1500	788	0	26.8
Sep 2019	639	348	792	14476	16255	17717	33971	639	348	792	1778	14476	17717	33971	2270	726	0	26.4
Oct 2019	712	373	794	14715	16595	17770	34364	712	373	794	1880	14715	17770	34364	3040	478	0	26.1
Nov 2019	775	379	785	14727	16666	17768	34434	775	379	785	1939	14727	17768	34434	3810	740	0	25.8
Dec 2019	795	361	782	14818	16756	17994	34749	795	361	782	1938	14818	17994	34749	4580	662	0	25.6
Jan 2020	833	349	783	15039	17003	18054	35057	833	349	783	1964	15039	18054	35057	5350	577	0	25.5
								****EFFECTIVE SPACE****										
Jan 2020	833	349	783	15039	17003	18054	35057	487	349	551	1386	15039	18054	34479	5350	577	0	25.5
Feb 2020	865	337	787	15359	17348	17886	35234	517	337	554	1408	15359	17886	34654	1500	664	0	25.3
Mar 2020	889	326	780	15592	17588	17862	35450	539	326	547	1412	15592	17862	34866	1500	943	0	25.1
Apr 2020	843	301	723	15738	17606	18109	35715	488	301	482	1271	15738	18109	35119	1500	1015	0	25.1
May 2020	766	260	627	15561	17215	18512	35727	402	260	363	1025	15561	18512	35099	1500	967	0	26.3
Jun 2020	607	234	471	14335	15648	18894	34543	229	234	168	632	14335	18894	33861	1500	964	0	27.7
Jul 2020	477	34	388	12920	13819	19271	33089	87	27	28	142	12920	19271	32333	1500	839	0	27.9
								****CREDITABLE SPACE****										
Aug 2020	408	18	421	12681	13529	19400	32928	408	18	421	848	12681	19400	32928	1500	772	0	27.6
Sep 2020	460	57	440	12871	13829	19391	33219	460	57	440	957	12871	19391	33219	2270	698	0	27.2
Oct 2020	535	112	439	12942	14028	19488	33516	535	112	439	1086	12942	19488	33516	3040	473	0	27.0
Nov 2020	605	135	416	13032	14188	19325	33513	605	135	416	1156	13032	19325	33513	3810	586	0	26.9
Dec 2020	651	144	412	13176	14383	19269	33652	651	144	412	1208	13176	19269	33652	4580	551	0	26.8
Jan 2021	727	228	414	13384	14753	19107	33860	727	228	414	1369	13384	19107	33860	5350	577	0	26.7
								****EFFECTIVE SPACE****										
Jan 2021	727	228	414	13384	14753	19107	33860	351	189	-21	519	13384	19107	33010	5350	577	0	26.7

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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March 24-Month Study
Date: March 11, 2019

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

Reservoir	February Inflow (unregulated) (acre-feet)	Percent of Average (%)	March 10, Midnight Elevation (feet)	March 10, Midnight Reservoir Storage (acre-feet)
Fontenelle	26,300	95	6,467.98	110,000
Flaming Gorge	34,100	77	6,024.69	3,148,700
Blue Mesa	19,900	89	7,437.18	245,700
Navajo	17,600	58	6,016.17	876,700
Powell	255,400	65	3,571.12	9,197,900

Expected Operations

The operation of Lake Powell and Lake Mead in this March 2019 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines) and reflects the draft 2019 Annual Operating Plan (AOP). Pursuant to the Interim Guidelines, the August 2018 24-Month Study projections of the January 1, 2019, system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2019.

Consistent with Section 6.B of the Interim Guidelines, the Lake Powell operational tier for water year 2019 will be governed by the Upper Elevation Balancing Tier, with an initial water year release volume of 8.23 million acre-feet (maf) and the potential for an April adjustment to equalization or balancing releases in April 2019. This March 2019 24-Month Study indicates that, consistent with Section 6.B.4 of the Interim Guidelines, an April adjustment to balancing releases is projected to occur and the contents of Lake Powell and Lake Mead will be balanced by the end of the water year, but not more than 9.0 maf and not less than 8.23 maf shall be released from Lake Powell. Based on the most probable inflow forecast, this March 24-Month Study projects a balancing release of 9.0 maf in water year 2019.

Consistent with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar year 2019.

The Interim Guidelines are available for download at:
https://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The draft 2019 AOP is available for download at:
https://www.usbr.gov/lc/region/g4000/AOP2019/AOP19_draft.pdf

Fontenelle Reservoir – Fontenelle Reservoir is currently at elevation 6468.7.5 feet above sea level (feet), which amounts to 33 percent of live storage capacity. Inflows for the month of February totaled 26,300 acre-feet (af), or 95 percent of average. Average inflows are occurring and releases are being held constant due to ice in the river reach below. Releases are currently set at 1,000 cubic feet per second (cfs).

The Colorado Basin River Forecast Center has forecasted inflows that are near average. March, April and May forecasted inflow volumes amount to 43,000 af (82 percent of average), 75,000 af (88 percent of average), and 120,000 af (73 percent of average), respectively.

The next Fontenelle Working Group meeting is scheduled for 10:00 a.m., April 24, 2019. The meeting will be held at the Seedskadee National Wildlife Refuge. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir.

Flaming Gorge Reservoir – Releases are currently set at 800 cfs. Average daily releases will likely remain at 800 cfs through the end of March.

Unregulated Inflow into Flaming Gorge Reservoir during the month of February was 34,100 af, or 77 percent of average. As of March 10th, 2019, the reservoir elevation is 6024.69 feet (84 percent of live capacity) and increasing.

The March final forecast for unregulated inflows into Flaming Gorge for the next three months projects near average conditions: March, April, and May forecasted unregulated inflow volumes at 80,000 af (78 percent of average), 125,000 af (94 percent of average), and 180,000 af (73 percent of average), respectively.

The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stakeholders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations and plans presented by Reclamation at these meetings. Meeting notes from past Working Group meetings are posted on the Working Group webpage. For more information on this group and these meetings please contact Dale Hamilton at 801-379-1186 or Paul Davidson at 801-524-3847.

Reclamation will be holding the Flaming Gorge Working Group meeting on April 18th at the Uintah Conference Center, 313 E 200 S, Vernal, UT, from 10 am to 1 pm

Aspinall Unit Reservoirs – As of March 10, 2019 releases from Crystal Dam are approximately 485 cfs. Uncompahgre Valley Water Users Association has stopped diversions through the Gunnison Tunnel except for periodic diversions to fill Fairview Reservoir. Flows through the Black Canyon are approximately 475 cfs. There is currently about a 10 cfs loss to the Gunnison River between Crystal Dam and the Gunnison Tunnel Diversion. As of March 10, 2019, Blue Mesa Reservoir elevation is 7437.18 feet which corresponds to storage content of 245,690 af (30 percent of capacity).

The February unregulated inflow to Blue Mesa Reservoir was 19,900 af (89 percent of average). Unregulated Inflows to Blue Mesa for the next three months (March, April and May) are projected to be: 26,000 af (72 percent of average), 72,000 af (94 percent of average) and 220,000 af (100 percent of average), respectively. For water year 2019, the unregulated inflow volume is forecasted to be 928,800 af (98 percent of average) with 740,000 af (109 percent of average) of unregulated inflow occurring during the April through July period. The March 24-Month Study is reflective of this new forecast.

Conditions are clearly very dry. Blue Mesa Reservoir did not fill in water year 2018 and will most likely not fill in water year 2019 either. Current projections indicate Blue Mesa storage will remain near the current level till March of 2019 before rebounding during the spring runoff. Current projections indicate Blue Mesa is at or near its low elevation for this year. The peak elevation for this water year will occur in or around late July when the elevation is projected to be 7494 feet. The projected end of water year 2019 elevation of Blue Mesa is 7487.5 feet which corresponds to a live storage content of 462,000 acre-feet (68 percent of full capacity).

The Aspinall Unit Working Group is an open public forum for information exchange between Reclamation and the stakeholders of the Aspinall Unit. The public is encouraged to attend and comments on the operations and plans presented by Reclamation at these meetings. Meeting notes from past working Group meetings are posted on the Working Group webpage. For more information on this group and these meetings please contact Erik Knight in the Grand Junction Area Office at (970) 248-0629.

Meeting notes from past working Group meetings are posted on the Working Group webpage at:

https://www.usbr.gov/uc/wcao/water/rsvrs/mtgs/amcurrnt.html

The next meeting of the Aspinall Unit Working Group will be held on Tuesday, April 23, 2019 at 1:00 pm at the at the Western Colorado Area Office located at 445 West Gunnison Avenue in Grand Junction, Colorado.

Navajo Reservoir – As of March 10, 2019 the daily average release rate from Navajo Dam is approximately 280 cfs while reservoir inflow is averaging approximately 1020 cfs. The water surface elevation is 6016.17 feet above sea level and is steadily

increasing. At this elevation the live storage is 0.877 maf (52 percent of live storage capacity) and the active storage is 0.215 maf (21 percent of active storage capacity). The river flow measured at the San Juan River at Four Corners USGS gage is 830 cfs. River flow at the Animas River at Farmington USGS gage is at 354 cfs.

Releases from Navajo Dam are made for authorized purposes of the Navajo Unit and also pursuant to the Record of Decision for the Navajo Reservoir Operations, Navajo Unit – San Juan River New Mexico, Colorado, Utah Final Environmental Impact Statement. Releases from Navajo Dam are managed to attempt to maintain a target base flow through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell). The San Juan River Basin Recovery Implementation Program (SJRIP) recommends a target base flow of between 500 cfs and 1,000 cfs through the critical habitat area. The target base flow is calculated as the weekly average of gaged flows throughout the critical habitat area.

Preliminary modified-unregulated inflow into Navajo (inflow adjusted for upstream change in storage, reservoir evaporation and exportation from the basin) in February was 17,433 af (58 percent of average). SNOTEL sites above Navajo are at 137% of average with 24.1 inches of SWE on average per site.

Forecast modified-unregulated inflow to Navajo over the next three months (March, April and May) are projected to be: 55,000 af (60 percent of average), 132,000 af (77 percent of average), and 265,000 af (96 percent of average), respectively.

The April through July runoff forecasts are as follows:
Min Probable: 455,000 af (62 percent of average)
Most Probable: 690,000 af (94 percent of average)
Max Probable: 1,010,000 af (137 percent of average)

The winter release will target the minimum baseflow in the critical habitat reach and may be reduced to as low as the minimum release of 250 cfs, so long as the target baseflow downstream is still met. Releases will remain as low as possible over the winter in an effort to conserve water in the reservoir.

Based on current storage and long-term projections, Navajo has a 30% chance of filling to at least 6050 ft and a 10% chance of filling to at least 6060 ft in the spring of 2019. Based on current projections there are no plans for a spring peak release, though a short-duration maintenance release is under consideration.

Reclamation conducts Public Operations Meetings three times per year to gather input for determining upcoming operations for Navajo Reservoir. Input from individuals, organizations, and agencies along with other factors such as weather, water rights, endangered species requirements, flood control, hydro power, recreation, fish and wildlife management, and reservoir levels, will be considered in the development of these reservoir operation plans. In addition, the meetings are used to coordinate activities and

exchange information among agencies, water users, and other interested parties concerning the San Juan River and Navajo Reservoir.

The next Navajo Public Operations Coordination Meeting is scheduled for Tuesday, April 23rd, 2019, at 1:00 p.m. at the Farmington Civic Center, Farmington, NM.

Glen Canyon Dam / Lake Powell

Current Status

The unregulated inflow in February was 256 thousand acre-feet (kaf) (65 percent of average). February precipitation in the Upper Colorado Basin was 150 percent of average. The release volume from Glen Canyon Dam in January was 730 kaf. The end of February elevation and storage of Lake Powell were 3,571.89 feet (128.11 feet from full pool) 9.21 maf (38 percent of full capacity).

Current Operations

The operating tier for water year 2019 was established in August 2018 as the Upper Elevation Balancing Tier. As described in the Interim Guidelines, under balancing, the contents of Lake Powell and Lake Mead are to be balanced by the end of the water year, but not more than 9.0 maf and not less than 8.23 maf is to be released from Lake Powell. Under this Tier the initial annual water year release volume is 8.23 maf but there is potential for an April 2019 adjustment to equalization or balancing releases. Based on the current forecast, an April adjustment to balancing releases is projected and Lake Powell is currently projected to release 9.0 maf in water year 2019. This projection will be updated each month throughout the water year.

In March, the release volume will be approximately 790 kaf, with fluctuations anticipated between about 8,500 cfs in the nighttime to about 15,700 cfs and consistent with the Glen Canyon Dam, Record of Decision on LTEMP (dated December, 2016). The anticipated release volume for April is 720 kaf.

In addition to daily scheduled fluctuations for power generation, the instantaneous releases from Glen Canyon Dam may also fluctuate to provide 40 megawatts (mw) of system regulation. These instantaneous release adjustments stabilize the electrical generation and transmission system and translate to a range of about 1,200 cfs above or below the hourly scheduled release rate. Under normal conditions, fluctuations for regulation are typically short lived and generally balance out over the hour with minimal or no noticeable impacts on downstream river flow conditions.

Releases from Glen Canyon Dam can also fluctuate beyond scheduled releases when called upon to respond to power system emergencies. Depending on the severity of the system emergency, the response from Glen Canyon Dam can be significant and within the full range of the operating capacity of the power plant for as long as is necessary to maintain balance in the transmission system. Glen Canyon Dam currently maintains 28 mw (approximately 830 cfs) of generation capacity in reserve in order to respond to a system emergency even when generation rates are already high. System emergencies

occur fairly infrequently and typically require small responses from Glen Canyon Dam. However, these responses can have a noticeable impact on the river downstream of Glen Canyon Dam.

Inflow Forecasts and Model Projections

The forecast for water year 2019 unregulated inflow to Lake Powell, issued on March 1, 2019, by the Colorado Basin River Forecast Center, projects that the most probable (median) unregulated inflow volume next year will be 9.93 maf (92 percent of average). There is significant uncertainty regarding next season's snow pack development and resulting runoff into Lake Powell. Reclamation updates the minimum and maximum probable forecasts four times a year: January, April, August and October. The January forecast ranges from a minimum probable of 4.81 maf (44 percent of average) to a maximum probable of 10.38 maf (96 percent of average). There is a 10 percent chance that inflows could be higher than the current maximum probable forecast and a 10 percent chance that inflows could be lower than the minimum probable forecast.

Based on the current forecast, the March 24-Month Study projects Lake Powell elevation will end water year 2019 near 3,592.84 feet with approximately 11.08 maf in storage (47 percent of capacity). Note that projections of elevation and storage for water year 2019 have significant uncertainty at this point in the season. Projections of end of water year 2019 elevation and storage using the minimum and maximum probable inflow forecast from January 2019 are 3,543.56 feet (7.992 maf, 33 percent of capacity) and 3,588.09 feet (11.366 maf, 47 percent of capacity), respectively. Under these scenarios, there is a 10 percent chance that inflows will be higher, resulting in higher elevation and storage, and 10 percent chance that inflows will be lower, resulting in lower elevation and storage. The annual release volume from Lake Powell during water year 2019 is projected to be 9.0 maf under the March most probable scenario, and 9.0 maf under the January maximum probable inflow scenarios and 8.23 maf under the January minimum probable inflow scenario.

Upper Colorado River Basin Hydrology

Upper Colorado River Basin regularly experiences significant year to year hydrologic variability. During the 19-year period 2000 to 2018, however, the unregulated inflow to Lake Powell, which is a good measure of hydrologic conditions in the Colorado River Basin, was above average in only 4 out of the past 19 years. The period 2000-2018 is the lowest 19-year period since the closure of Glen Canyon Dam in 1963, with an average unregulated inflow of 8.54 maf, or 79 percent of the 30-year average (1981-2010). (For comparison, the 1981-2010 total water year average is 10.83 maf.) The unregulated inflow during the 2000-2018 period has ranged from a low of 2.64 maf (24 percent of average) in water year 2002 to a high of 15.97 maf (147 percent of average) in water year 2011. In water year 2018 unregulated inflow volume to Lake Powell was 4.6 maf (43 percent of average), the third driest year on record above 2002 and 1977. Under the current most probable forecast, the total water year 2019 unregulated inflow to Lake Powell is projected to be 9.93 maf (92 percent of average).

At the beginning of water year 2019, total system storage in the Colorado River Basin was 28.01 maf (47 percent of 59.6 maf total system capacity). This is a decrease of 4.91

maf over the total storage at the beginning of water year 2018 when total system storage was 32.92 maf (55 percent of capacity). Since the beginning of water year 2000, total Colorado Basin storage has experienced year to year increases and decreases in response to wet and dry hydrology, ranging from a high of 94 percent of capacity at the beginning of 2000 to the now current level of 47 percent of capacity at the beginning of water year 2019. Based on current inflow forecasts, the current projected end of water year total Colorado Basin reservoir storage for water year 2019 is approximately 27.45 maf (46 percent of total system capacity). The actual end of water year 2019 system storage may vary from this projection, primarily due to uncertainty regarding this season's runoff and reservoir inflow.

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-430
125 SOUTH STATE STREET, ROOM 8100
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-3709

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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:	Obs			feb	Forecast		Outlook		
:	nov	dec	jan	feb %Avg	mar	apr	may	apr-jul	%Avg
GLDA3:Lake Powell	254	228	212	256 65%:	460/	850/	2250/	7300/:	102%
GBRW4:Fontenelle	38	30	28	26 94%:	43/	75/	120/	630/:	87%
GRNU1:Flaming Gorge	40	29	34	34 77%:	80/	125/	180/	830/:	85%
BMDC2:Blue Mesa	22	19.5	19.9	20 89%:	26/	72/	220/	740/:	110%
MPSC2:Morrow Point	23	21	21	20 80%:	28/	82/	245/	810/:	109%
CLSC2:Crystal	26	25	25	24 83%:	33/	93/	270/	895/:	107%
TPIC2:Taylor Park	3.3	3.6	3.7	3.4 90%:	3/	6/	28/	102/:	103%
VCRC2:Vallecito	5.2	3.3	3.7	3.8 80%:	5/	21/	71/	207/:	107%
NVRN5:Navajo	15.3	12.5	13.2	17.4 58%:	55/	132/	265/	690/:	94%
LEMC2:Lemon	1.02	0.52	0.49	0.50 66%:	1/	6/	20/	56/:	102%
MPHC2:McPhee	2.0	1.68	2.6	2.8 56%:	14/	71/	150/	330/:	112%
RBSC2:Ridgway	3.7	3.3	3.1	3.0 83%:	4/	7/	23/	98/:	97%
YDLC2:Deerlodge	18.6	19.6	18.4	18.0 64%:	55/	195/	500/	1290/:	104%

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 2019 24-Month Study

Most Probable Inflow*

Fontenelle Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Mar 2018	58	0	16	56	71	6469.78	117
H	Apr 2018	101	1	83	4	87	6472.76	130
I	May 2018	354	2	100	123	223	6494.84	260
S	Jun 2018	404	2	101	269	370	6499.18	292
T	Jul 2018	138	3	92	8	100	6503.79	327
O	Aug 2018	50	2	75	1	76	6500.10	299
R	Sep 2018	30	2	7	58	65	6495.11	262
	WY 2018	**1397**	**15**	**856**	**528**	**1382**		
I	Oct 2018	42	1	45	20	65	6491.62	238
C	Nov 2018	38	1	60	0	60	6488.29	216
A	Dec 2018	30	1	61	1	61	6483.19	184
L	Jan 2019	28	1	61	0	61	6476.81	150
*	Feb 2019	26	0	55	1	56	6470.39	120
	Mar 2019	43	0	61	0	61	6465.74	102
	Apr 2019	75	1	60	0	60	6469.45	117
	May 2019	120	1	90	0	90	6475.84	146
	Jun 2019	270	2	101	6	107	6500.99	306
	Jul 2019	165	3	101	42	143	6503.44	325
	Aug 2019	67	2	99	0	99	6498.94	291
	Sep 2019	41	2	38	36	75	6494.04	256
	WY 2019	**946**	**14**	**833**	**106**	**939**		
	Oct 2019	45	1	74	0	74	6489.58	226
	Nov 2019	41	1	58	0	58	6486.88	208
	Dec 2019	32	1	60	0	60	6482.21	179
	Jan 2020	30	1	60	0	60	6476.55	149
	Feb 2020	28	0	56	0	56	6470.25	120
	Mar 2020	53	0	64	0	64	6467.40	108
	Apr 2020	85	1	71	0	71	6470.64	122
	May 2020	164	1	99	8	107	6481.86	177
	Jun 2020	299	2	103	76	179	6499.58	296
	Jul 2020	178	3	102	45	148	6503.14	323
	Aug 2020	77	2	103	15	118	6497.38	280
	Sep 2020	46	2	21	62	83	6491.85	240
	WY 2020	**1077**	**14**	**871**	**207**	**1077**		
	Oct 2020	49	1	61	0	61	6489.66	226
	Nov 2020	42	1	60	0	60	6486.97	208
	Dec 2020	32	1	61	0	61	6482.04	178
	Jan 2021	30	1	61	0	61	6476.03	147
	Feb 2021	28	0	56	0	56	6469.78	118

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3086

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 2019 24-Month Study

Most Probable Inflow*

Flaming Gorge Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	Mar 2018	86	99	3	106	0	106	128	6025.65	3184	178
H	Apr 2018	121	108	5	101	0	101	128	6025.69	3186	277
I	May 2018	422	290	8	163	6	169	133	6028.57	3294	572
S	Jun 2018	435	401	11	125	0	125	143	6035.09	3550	278
T	Jul 2018	140	102	14	120	0	120	142	6034.33	3519	141
O	Aug 2018	42	68	13	124	0	124	139	6032.67	3453	142
R	Sep 2018	17	52	11	119	0	119	136	6030.75	3378	132
	WY 2018	**1594**	**1580**	**82**	**1608**	**7**	**1616**				**2638**
I	Oct 2018	54	77	7	99	0	99	135	6030.03	3350	131
C	Nov 2018	40	61	4	93	0	93	133	6029.15	3316	121
A	Dec 2018	29	60	2	124	0	124	131	6027.49	3253	153
L	Jan 2019	34	68	2	124	0	124	129	6026.01	3198	154
*	Feb 2019	34	63	2	112	0	112	127	6024.69	3149	143
	Mar 2019	80	98	3	58	0	58	128	6025.66	3185	113
	Apr 2019	125	110	5	60	0	60	130	6026.82	3228	255
	May 2019	180	150	8	61	0	61	133	6028.88	3306	561
	Jun 2019	335	172	10	179	0	179	132	6028.44	3289	679
	Jul 2019	190	168	14	98	0	98	135	6029.85	3343	193
	Aug 2019	75	107	13	111	0	111	134	6029.45	3328	133
	Sep 2019	50	84	11	107	0	107	133	6028.57	3294	122
	WY 2019	**1226**	**1219**	**81**	**1226**	**0**	**1226**				**2760**
	Oct 2019	55	84	7	98	0	98	132	6028.03	3273	126
	Nov 2019	50	67	3	95	0	95	130	6027.22	3243	125
	Dec 2019	35	63	2	116	0	116	128	6025.80	3190	142
	Jan 2020	40	70	2	117	0	117	127	6024.54	3143	142
	Feb 2020	45	73	2	109	0	109	125	6023.53	3106	137
	Mar 2020	102	114	3	61	0	61	127	6024.82	3154	138
	Apr 2020	134	119	5	60	0	60	129	6026.25	3207	275
	May 2020	245	189	8	65	0	65	133	6029.18	3318	597
	Jun 2020	390	269	10	263	0	263	133	6029.07	3313	683
	Jul 2020	210	180	14	125	0	125	135	6030.12	3353	225
	Aug 2020	89	130	13	123	0	123	135	6029.97	3348	148
	Sep 2020	55	93	11	119	0	119	133	6029.03	3312	138
	WY 2020	**1449**	**1450**	**80**	**1352**	**0**	**1352**				**2876**
	Oct 2020	59	72	7	92	0	92	132	6028.33	3285	125
	Nov 2020	51	69	3	89	0	89	131	6027.72	3262	121
	Dec 2020	35	64	2	117	0	117	129	6026.33	3210	142
	Jan 2021	40	72	2	117	0	117	127	6025.11	3164	142
	Feb 2021	45	72	2	106	0	106	126	6024.20	3131	133

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3086

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 2019 24-Month Study

Most Probable Inflow*

Taylor Park Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Mar 2018	5	6	9310.51	71
H	Apr 2018	8	7	9311.18	72
I	May 2018	24	12	9318.33	84
S	Jun 2018	13	15	9317.29	82
T	Jul 2018	5	14	9311.71	73
O	Aug 2018	3	13	9305.51	63
R	Sep 2018	3	8	9301.71	58
	WY 2018	**88**	**108**		
I	Oct 2018	5	3	9302.60	59
C	Nov 2018	3	3	9302.61	59
A	Dec 2018	4	3	9302.74	59
L	Jan 2019	4	3	9302.92	59
*	Feb 2019	3	3	9303.16	60
	Mar 2019	3	3	9303.07	59
	Apr 2019	6	5	9303.72	60
	May 2019	28	14	9312.65	74
	Jun 2019	49	24	9326.33	99
	Jul 2019	19	24	9324.00	94
	Aug 2019	10	19	9319.18	85
	Sep 2019	7	18	9312.90	75
	WY 2019	**141**	**124**		
	Oct 2019	6	6	9313.00	75
	Nov 2019	5	5	9312.99	75
	Dec 2019	5	5	9312.67	74
	Jan 2020	4	5	9312.15	73
	Feb 2020	4	5	9311.60	72
	Mar 2020	4	5	9311.13	72
	Apr 2020	9	10	9310.36	70
	May 2020	28	14	9318.79	85
	Jun 2020	42	20	9330.00	106
	Jul 2020	20	24	9328.33	103
	Aug 2020	10	19	9323.87	94
	Sep 2020	7	18	9318.38	84
	WY 2020	**145**	**136**		
	Oct 2020	7	12	9315.61	79
	Nov 2020	5	5	9315.65	79
	Dec 2020	5	5	9315.35	79
	Jan 2021	4	5	9314.85	78
	Feb 2021	4	5	9314.30	77

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3086

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 2019 24-Month Study

Most Probable Inflow*

Blue Mesa Reservoir

	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Mar 2018	28	29	0	43	0	43	7483.73	534
H	Apr 2018	48	47	1	82	0	82	7478.94	498
I	May 2018	112	100	1	85	0	85	7480.90	513
S	Jun 2018	56	57	1	98	0	98	7475.06	471
T	Jul 2018	21	31	1	101	0	101	7464.43	399
O	Aug 2018	19	28	1	93	0	93	7453.77	334
R	Sep 2018	12	17	1	30	39	68	7444.44	282
	WY 2018	**433**	**453**	**7**	**856**	**39**	**895**		
I	Oct 2018	23	22	0	46	11	56	7437.59	248
C	Nov 2018	22	21	0	19	0	19	7438.08	250
A	Dec 2018	20	19	0	21	0	21	7437.82	249
L	Jan 2019	20	20	0	17	0	17	7438.40	252
*	Feb 2019	20	20	0	23	0	23	7437.59	248
	Mar 2019	26	26	0	23	0	23	7438.08	250
	Apr 2019	72	71	0	33	0	33	7445.41	288
	May 2019	220	206	1	178	0	178	7450.39	315
	Jun 2019	325	300	1	41	0	41	7488.92	573
	Jul 2019	123	128	1	86	0	86	7494.09	614
	Aug 2019	59	68	1	97	0	97	7490.33	584
	Sep 2019	42	53	1	71	0	71	7487.82	565
	WY 2019	**971**	**954**	**7**	**655**	**11**	**665**		
	Oct 2019	41	41	0	40	0	40	7487.80	564
	Nov 2019	32	32	0	12	0	12	7490.39	584
	Dec 2019	26	26	0	24	0	24	7490.65	586
	Jan 2020	24	25	0	24	0	24	7490.80	588
	Feb 2020	22	23	0	22	0	22	7490.89	588
	Mar 2020	36	37	0	0	26	26	7492.25	599
	Apr 2020	77	78	1	0	46	46	7496.21	631
	May 2020	221	207	1	6	240	246	7491.17	590
	Jun 2020	261	239	1	59	0	59	7512.64	769
	Jul 2020	117	120	2	90	0	90	7515.86	798
	Aug 2020	63	72	1	99	0	99	7512.70	770
	Sep 2020	38	48	1	98	0	98	7506.80	718
	WY 2020	**959**	**949**	**9**	**476**	**311**	**787**		
	Oct 2020	38	43	1	64	0	64	7504.27	697
	Nov 2020	31	31	0	52	0	52	7501.75	676
	Dec 2020	26	26	0	110	0	110	7491.33	592
	Jan 2021	24	25	0	79	0	79	7484.27	538
	Feb 2021	22	23	0	38	0	38	7482.30	523

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3086

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 2019 24-Month Study

Most Probable Inflow*

Morrow Point Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Mar 2018	29	43	1	44	49	0	49	7143.05	104
H	Apr 2018	54	82	6	87	79	0	79	7154.30	112
I	May 2018	121	85	8	94	94	0	94	7153.76	112
S	Jun 2018	57	98	2	99	99	0	99	7154.16	112
T	Jul 2018	22	101	1	102	101	0	101	7155.49	113
O	Aug 2018	19	93	0	93	94	0	94	7153.96	112
R	Sep 2018	14	68	2	70	84	0	84	7135.77	98
	WY 2018	**460**	**895**	**27**	**922**	**935**	**0**	**937**		
I	Oct 2018	24	56	1	57	56	0	56	7136.92	99
C	Nov 2018	23	19	1	20	13	0	15	7143.47	104
A	Dec 2018	21	21	1	22	18	0	18	7147.95	107
L	Jan 2019	21	17	1	17	18	0	18	7147.00	107
*	Feb 2019	20	23	0	24	23	0	23	7147.57	107
	Mar 2019	28	23	2	25	21	0	21	7153.73	112
	Apr 2019	82	33	10	43	43	0	43	7153.73	112
	May 2019	245	178	25	203	203	0	203	7153.73	112
	Jun 2019	355	41	30	71	71	0	71	7153.73	112
	Jul 2019	128	86	5	91	91	0	91	7153.73	112
	Aug 2019	63	97	4	101	101	0	101	7153.73	112
	Sep 2019	45	71	3	74	74	0	74	7153.73	112
	WY 2019	**1055**	**665**	**84**	**749**	**733**	**0**	**735**		
	Oct 2019	44	40	3	43	43	0	43	7153.73	112
	Nov 2019	34	12	2	14	14	0	14	7153.73	112
	Dec 2019	28	24	2	26	26	0	26	7153.73	112
	Jan 2020	27	24	2	26	26	0	26	7153.73	112
	Feb 2020	25	22	3	25	25	0	25	7153.73	112
	Mar 2020	40	26	4	30	30	0	30	7153.73	112
	Apr 2020	88	46	11	57	57	0	57	7153.73	112
	May 2020	247	246	26	272	272	0	272	7153.73	112
	Jun 2020	281	59	20	79	79	0	79	7153.73	112
	Jul 2020	123	90	6	96	96	0	96	7153.73	112
	Aug 2020	67	99	3	103	103	0	103	7153.73	112
	Sep 2020	41	98	3	101	101	0	101	7153.73	112
	WY 2020	**1044**	**787**	**85**	**872**	**872**	**0**	**872**		
	Oct 2020	41	64	3	67	67	0	67	7153.73	112
	Nov 2020	33	52	2	54	54	0	54	7153.73	112
	Dec 2020	28	110	2	112	112	0	112	7153.73	112
	Jan 2021	27	79	2	81	81	0	81	7153.73	112
	Feb 2021	25	38	3	40	40	0	40	7153.73	112

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3086

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 2019 24-Month Study

Most Probable Inflow*

Crystal Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
*	Mar 2018	33	49	4	52	53	0	53	6747.97	16	13	38
H	Apr 2018	60	79	6	84	84	0	84	6749.35	16	53	28
I	May 2018	129	94	9	102	102	0	102	6749.41	16	62	39
S	Jun 2018	61	99	3	102	102	0	102	6750.48	16	63	42
T	Jul 2018	24	101	2	103	103	0	103	6750.59	16	64	41
O	Aug 2018	21	94	2	96	98	0	98	6744.83	15	65	36
R	Sep 2018	15	84	1	85	87	0	87	6737.22	13	59	33
	WY 2018	**505**	**937**	**45**	**982**	**959**	**26**	**985**			**438**	**553**
I	Oct 2018	27	56	3	59	55	0	55	6751.87	17	33	24
C	Nov 2018	26	15	4	19	21	0	21	6743.11	14	1	19
A	Dec 2018	25	18	4	22	21	0	22	6745.32	15	0	20
L	Jan 2019	25	18	4	22	19	3	22	6746.57	15	1	20
*	Feb 2019	24	23	3	27	9	17	26	6748.26	16	1	25
	Mar 2019	33	21	5	26	24	0	24	6753.04	17	5	19
	Apr 2019	93	43	11	54	54	0	54	6753.04	17	42	12
	May 2019	270	203	25	228	134	94	228	6753.04	17	62	166
	Jun 2019	390	71	35	106	106	0	106	6753.04	17	61	45
	Jul 2019	142	91	14	105	105	0	105	6753.04	17	65	40
	Aug 2019	67	101	4	105	105	0	105	6753.04	17	65	40
	Sep 2019	51	74	6	80	80	0	80	6753.04	17	55	25
	WY 2019	**1172**	**735**	**117**	**852**	**733**	**115**	**848**			**390**	**455**
	Oct 2019	50	43	6	49	49	0	49	6753.04	17	30	19
	Nov 2019	39	14	5	19	19	0	19	6753.04	17	0	19
	Dec 2019	32	26	5	31	31	0	31	6753.04	17	0	31
	Jan 2020	31	26	5	31	31	0	31	6753.04	17	0	31
	Feb 2020	29	25	4	29	0	29	29	6753.04	17	0	29
	Mar 2020	46	30	6	36	36	0	36	6753.04	17	5	31
	Apr 2020	101	57	12	70	70	0	70	6753.04	17	42	28
	May 2020	281	272	34	306	134	172	306	6753.04	17	62	244
	Jun 2020	315	79	34	113	113	0	113	6753.04	17	61	52
	Jul 2020	138	96	14	111	111	0	111	6753.04	17	65	46
	Aug 2020	75	103	8	111	111	0	111	6753.04	17	65	46
	Sep 2020	47	101	6	107	107	0	107	6753.04	17	55	52
	WY 2020	**1184**	**872**	**140**	**1012**	**811**	**201**	**1012**			**385**	**627**
	Oct 2020	47	67	6	73	73	0	73	6753.04	17	30	43
	Nov 2020	38	54	5	59	59	0	59	6753.04	17	0	59
	Dec 2020	32	112	5	117	117	0	117	6753.04	17	0	117
	Jan 2021	31	81	5	86	86	0	86	6753.04	17	0	86
	Feb 2021	29	40	4	44	44	0	44	6753.04	17	0	44

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 2019 24-Month Study

Most Probable Inflow*

Vallecito Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Mar 2018	4	0	7644.11	73
H	Apr 2018	15	3	7649.29	85
I	May 2018	30	31	7648.91	84
S	Jun 2018	14	35	7639.22	63
T	Jul 2018	8	35	7624.15	35
O	Aug 2018	5	19	7613.87	22
R	Sep 2018	3	4	7613.06	21
	WY 2018	**102**	**153**		
I	Oct 2018	9	3	7617.56	26
C	Nov 2018	5	0	7621.25	31
A	Dec 2018	3	0	7623.31	34
L	Jan 2019	4	0	7625.50	37
*	Feb 2019	4	0	7627.67	41
	Mar 2019	5	0	7630.27	45
	Apr 2019	21	0	7640.63	66
	May 2019	71	31	7657.49	106
	Jun 2019	88	68	7664.99	125
	Jul 2019	27	42	7658.96	109
	Aug 2019	18	38	7650.88	89
	Sep 2019	15	30	7644.50	74
	WY 2019	**270**	**213**		
	Oct 2019	14	17	7643.05	71
	Nov 2019	8	2	7645.62	77
	Dec 2019	6	2	7647.53	81
	Jan 2020	5	2	7649.00	85
	Feb 2020	5	2	7650.22	87
	Mar 2020	9	2	7652.91	94
	Apr 2020	23	2	7661.20	115
	May 2020	71	65	7663.49	121
	Jun 2020	70	70	7663.31	121
	Jul 2020	29	41	7658.35	108
	Aug 2020	20	38	7651.03	89
	Sep 2020	17	29	7645.90	77
	WY 2020	**279**	**272**		
	Oct 2020	16	16	7645.45	76
	Nov 2020	9	2	7648.12	83
	Dec 2020	6	2	7649.98	87
	Jan 2021	5	2	7651.42	90
	Feb 2021	5	2	7652.63	93

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 2019 24-Month Study

Most Probable Inflow*

Navajo Reservoir

	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azetea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Farmington Flow (1000 Ac-Ft)
*	Mar 2018	24	2	19	2	6	21	6050.92	1236	28
H	Apr 2018	70	13	46	2	20	38	6049.73	1222	44
I	May 2018	88	16	71	3	36	32	6049.80	1223	67
S	Jun 2018	6	3	24	4	42	42	6044.23	1159	48
T	Jul 2018	-9	0	18	4	42	51	6036.94	1080	53
O	Aug 2018	-7	0	7	3	42	51	6028.27	991	48
R	Sep 2018	2	0	3	2	27	46	6020.80	919	42
	WY 2018	**268**	**36**	**283**	**24**	**224**	**405**			**528**
I	Oct 2018	23	1	17	1	7	31	6018.35	897	40
C	Nov 2018	15	0	10	1	0	18	6017.43	888	34
A	Dec 2018	12	0	9	0	0	18	6016.39	879	30
L	Jan 2019	13	0	10	0	0	19	6015.33	869	31
*	Feb 2019	18	0	14	1	1	16	6014.90	865	39
	Mar 2019	55	3	47	1	5	21	6017.15	886	32
	Apr 2019	132	15	96	2	21	15	6023.47	945	54
	May 2019	265	35	190	3	36	47	6033.95	1049	202
	Jun 2019	240	31	188	4	52	30	6043.52	1151	200
	Jul 2019	53	3	66	4	57	23	6041.90	1134	84
	Aug 2019	32	2	50	3	48	26	6039.39	1106	62
	Sep 2019	33	2	46	2	26	23	6038.87	1101	51
	WY 2019	**892**	**92**	**743**	**22**	**252**	**287**			**859**
	Oct 2019	40	2	41	1	10	22	6039.61	1109	47
	Nov 2019	31	0	25	1	0	21	6039.89	1112	38
	Dec 2019	25	0	21	1	0	22	6039.75	1110	37
	Jan 2020	22	0	18	1	0	22	6039.40	1106	35
	Feb 2020	30	0	27	1	0	20	6039.96	1112	33
	Mar 2020	92	9	77	1	6	22	6044.35	1161	44
	Apr 2020	170	21	128	2	22	21	6051.54	1244	74
	May 2020	277	37	234	3	36	29	6064.73	1409	175
	Jun 2020	224	29	195	5	53	30	6072.59	1517	181
	Jul 2020	66	5	74	5	57	38	6070.75	1491	105
	Aug 2020	45	2	61	4	48	52	6067.63	1448	91
	Sep 2020	43	2	53	3	26	116	6060.71	1357	148
	WY 2020	**1065**	**106**	**953**	**27**	**257**	**413**			**1008**
	Oct 2020	47	2	46	2	0	31	6061.73	1370	59
	Nov 2020	34	0	27	1	0	30	6061.44	1366	48
	Dec 2020	25	0	21	1	0	31	6060.59	1355	46
	Jan 2021	22	0	18	1	0	31	6059.57	1342	44
	Feb 2021	30	0	27	1	0	28	6059.43	1341	40

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 2019 24-Month Study

Most Probable Inflow*

Lake Powell

	Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry Gage (1000 Ac-Ft)
*	Mar 2018	332	395	16	800	0	800	3612.23	5090	12956	835
H	Apr 2018	382	419	25	705	0	705	3609.39	5067	12669	738
I	May 2018	1214	968	29	705	0	705	3611.54	5085	12886	730
S	Jun 2018	883	635	45	760	0	760	3609.98	5072	12728	781
T	Jul 2018	123	252	53	860	0	860	3603.80	5023	12116	877
O	Aug 2018	11	260	50	900	0	900	3597.12	4972	11477	911
R	Sep 2018	1	230	45	670	0	670	3592.28	4936	11028	690
	WY 2018	**4612**	**5459**	**386**	**9000**	**0**	**9000**				**9158**
I	Oct 2018	351	477	30	625	0	625	3590.46	4923	10862	650
C	Nov 2018	254	307	29	585	77	662	3586.50	4894	10507	669
A	Dec 2018	228	322	22	740	0	740	3581.85	4862	10099	744
L	Jan 2019	212	303	7	804	0	804	3576.34	4824	9629	815
*	Feb 2019	255	339	7	730	0	730	3571.89	4795	9261	743
	Mar 2019	460	403	11	790	0	790	3567.32	4765	8892	804
	Apr 2019	850	664	18	720	0	720	3566.46	4760	8824	735
	May 2019	2250	1942	22	720	0	720	3579.95	4849	9936	731
	Jun 2019	3100	2534	39	780	0	780	3597.61	4976	11523	791
	Jul 2019	1100	1000	49	860	0	860	3598.50	4982	11608	879
	Aug 2019	470	587	49	900	0	900	3594.93	4956	11273	917
	Sep 2019	400	504	45	668	0	668	3592.84	4940	11080	682
	WY 2019	**9931**	**9384**	**328**	**8923**	**77**	**9000**				**9159**
	Oct 2019	505	542	31	640	0	640	3591.54	4931	10960	650
	Nov 2019	470	486	29	640	0	640	3589.66	4917	10790	641
	Dec 2019	363	439	23	720	0	720	3586.52	4894	10508	726
	Jan 2020	361	437	7	860	0	860	3581.98	4862	10110	871
	Feb 2020	393	448	7	750	0	750	3578.64	4840	9823	759
	Mar 2020	665	558	12	800	0	800	3575.85	4821	9588	814
	Apr 2020	1056	844	19	710	0	710	3577.11	4829	9694	725
	May 2020	2343	2013	24	710	0	710	3590.63	4924	10878	721
	Jun 2020	2666	2225	41	750	0	750	3604.72	5030	12206	761
	Jul 2020	1091	1012	52	850	0	850	3605.75	5038	12308	869
	Aug 2020	500	627	52	900	0	900	3602.67	5014	12007	917
	Sep 2020	408	633	47	670	0	670	3601.86	5008	11929	684
	WY 2020	**10821**	**10261**	**344**	**9000**	**0**	**9000**				**9138**
	Oct 2020	512	557	32	640	0	640	3600.75	4999	11822	650
	Nov 2020	473	528	31	640	0	640	3599.36	4989	11689	641
	Dec 2020	363	535	25	720	0	720	3597.31	4973	11495	726
	Jan 2021	361	501	8	860	0	860	3593.67	4946	11156	871
	Feb 2021	393	467	8	750	0	750	3590.73	4925	10887	759

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 2019 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Glen Release (1000 Ac-Ft)	Side Inflow Glen to Hoover (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Mar 2018	800	70	32	833	13.5	14	832	695	1088.11	10694
H	Apr 2018	705	43	39	1015	17.1	21	1015	675	1084.49	10387
I	May 2018	705	21	44	1055	17.1	27	1054	651	1080.00	10011
S	Jun 2018	760	27	53	986	16.6	28	985	634	1076.81	9748
T	Jul 2018	860	106	65	820	13.3	27	819	637	1077.43	9799
O	Aug 2018	900	74	70	749	12.2	28	748	645	1078.88	9918
R	Sep 2018	670	84	58	725	12.2	24	723	642	1078.29	9870
	WY 2018	**9000**	**690**	**541**	**9240**		**241**	**9237**			
I	Oct 2018	625	100	42	641	10.4	23	634	643	1078.52	9889
C	Nov 2018	662	67	42	690	11.6	16	689	642	1078.32	9872
A	Dec 2018	740	52	36	468	7.6	11	467	659	1081.46	10132
L	Jan 2019	804	105	30	487	7.9	8	364	682	1085.75	10493
*	Feb 2019	730	127	28	621	11.2	7	620	694	1087.97	10682
	Mar 2019	790	57	32	773	12.6	21	773	696	1088.20	10702
	Apr 2019	720	49	39	1015	17.1	25	1015	677	1084.78	10411
	May 2019	720	30	44	1036	16.8	34	1036	654	1080.69	10069
	Jun 2019	780	17	53	941	15.8	34	941	640	1078.07	9851
	Jul 2019	860	80	66	846	13.8	37	846	640	1077.97	9843
	Aug 2019	900	100	70	801	13.0	34	801	646	1079.05	9933
	Sep 2019	668	91	58	760	12.8	27	760	640	1078.08	9852
	WY 2019	**9000**	**875**	**540**	**9079**		**275**	**8947**			
	Oct 2019	640	82	42	513	8.3	29	513	649	1079.65	9982
	Nov 2019	640	54	42	660	11.1	20	660	647	1079.32	9955
	Dec 2019	720	51	36	584	9.5	17	584	655	1080.85	10081
	Jan 2020	860	83	30	593	9.6	11	593	674	1084.31	10371
	Feb 2020	750	91	28	681	11.8	10	681	682	1085.66	10486
	Mar 2020	800	57	31	1007	16.4	20	1007	669	1083.42	10296
	Apr 2020	710	49	38	1081	18.2	24	1081	646	1079.09	9935
	May 2020	710	30	43	1021	16.6	33	1021	624	1074.98	9599
	Jun 2020	750	17	52	944	15.9	33	944	608	1071.93	9353
	Jul 2020	850	80	64	854	13.9	36	854	606	1071.64	9330
	Aug 2020	900	100	68	751	12.2	33	751	615	1073.37	9469
	Sep 2020	670	91	56	736	12.4	26	736	612	1072.70	9415
	WY 2020	**9000**	**784**	**532**	**9425**		**293**	**9425**			
	Oct 2020	640	82	41	500	8.1	28	500	621	1074.47	9558
	Nov 2020	640	54	41	624	10.5	20	624	622	1074.58	9567
	Dec 2020	720	51	36	585	9.5	16	585	630	1076.15	9694
	Jan 2021	860	83	30	593	9.6	11	593	649	1079.68	9985
	Feb 2021	750	91	27	678	12.2	10	678	657	1081.10	10103

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 2019 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Mar 2018	833	-1	13	836	0	836	13.6	642.57	1687
H	Apr 2018	1015	-3	17	1001	0	1001	16.8	642.40	1682
I	May 2018	1055	-11	22	1001	0	1001	16.3	643.17	1703
S	Jun 2018	986	-21	26	909	0	909	15.3	644.29	1734
T	Jul 2018	820	-6	26	827	0	827	13.4	642.91	1696
O	Aug 2018	749	-13	23	730	0	730	11.9	642.29	1679
R	Sep 2018	725	-11	18	814	0	814	13.7	637.87	1561
	WY 2018	**9240**	**-103**	**198**	**8981**	**0**	**8981**			
I	Oct 2018	641	-11	15	635	0	635	10.3	637.08	1540
C	Nov 2018	690	-28	11	610	0	610	10.3	638.62	1581
A	Dec 2018	468	-14	9	375	0	386	6.3	640.79	1639
L	Jan 2019	487	-29	10	418	0	418	6.8	641.89	1668
*	Feb 2019	621	-6	10	569	0	569	10.2	643.20	1704
	Mar 2019	773	-15	13	764	0	764	12.4	642.50	1685
	Apr 2019	1015	-17	17	969	0	969	16.3	643.00	1699
	May 2019	1036	-11	22	1002	0	1002	16.3	643.00	1699
	Jun 2019	941	-16	25	900	0	900	15.1	643.00	1699
	Jul 2019	846	-12	25	836	0	836	13.6	642.00	1671
	Aug 2019	801	-11	23	767	0	767	12.5	642.00	1671
	Sep 2019	760	-12	18	784	0	784	13.2	640.01	1618
	WY 2019	**9079**	**-184**	**198**	**8629**	**0**	**8640**			
	Oct 2019	513	-4	15	678	0	678	11.0	633.00	1434
	Nov 2019	660	-19	10	580	0	580	9.7	635.00	1486
	Dec 2019	584	-12	9	465	0	465	7.6	638.71	1583
	Jan 2020	593	-16	10	483	0	483	7.9	641.80	1666
	Feb 2020	681	-13	10	658	0	658	11.4	641.80	1666
	Mar 2020	1007	-15	13	944	0	944	15.4	643.05	1700
	Apr 2020	1081	-17	17	1049	0	1049	17.6	643.00	1699
	May 2020	1021	-11	22	987	0	987	16.1	643.00	1699
	Jun 2020	944	-16	25	903	0	903	15.2	643.00	1699
	Jul 2020	854	-12	25	844	0	844	13.7	642.00	1671
	Aug 2020	751	-11	23	717	0	717	11.7	642.00	1671
	Sep 2020	736	-12	18	759	0	759	12.8	640.01	1618
	WY 2020	**9425**	**-159**	**197**	**9067**	**0**	**9067**			
	Oct 2020	500	-4	15	665	0	665	10.8	633.00	1434
	Nov 2020	624	-19	10	543	0	543	9.1	635.00	1486
	Dec 2020	585	-12	9	466	0	466	7.6	638.71	1583
	Jan 2021	593	-16	10	484	0	484	7.9	641.80	1666
	Feb 2021	678	-13	10	655	0	655	11.8	641.80	1666

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 2019 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	Mar 2018	836	-3	9	637	10.4	61	139	447.46	570	195	3.2
H	Apr 2018	1001	-8	11	735	12.4	75	168	447.13	564	175	2.9
I	May 2018	1001	10	13	697	11.3	87	178	448.51	590	124	2.0
S	Jun 2018	909	6	15	712	12.0	91	88	448.43	588	136	2.3
T	Jul 2018	827	20	17	656	10.7	101	72	448.00	580	133	2.2
O	Aug 2018	730	22	17	611	9.9	99	22	447.53	571	104	1.7
R	Sep 2018	814	9	15	512	8.6	95	164	448.95	598	94	1.6
	WY 2018	**8981**	**100**	**139**	**6479**		**910**	**1431**			**1504**	
I	Oct 2018	635	23	12	394	6.4	86	176	448.12	582	68	1.1
C	Nov 2018	610	16	9	357	6.0	85	173	447.99	580	97	1.6
A	Dec 2018	386	26	7	218	3.5	70	143	446.53	552	105	1.7
L	Jan 2019	418	20	6	250	4.1	87	91	446.58	553	122	2.0
*	Feb 2019	569	18	8	372	6.7	31	151	447.53	571	143	2.6
	Mar 2019	764	5	9	671	10.9	5	75	447.50	571	185	3.0
	Apr 2019	969	12	11	717	12.0	96	137	448.00	580	166	2.8
	May 2019	1002	13	13	714	11.6	81	181	448.70	593	134	2.2
	Jun 2019	900	11	16	731	12.3	78	73	448.70	593	140	2.3
	Jul 2019	836	19	17	683	11.1	81	75	448.00	580	138	2.2
	Aug 2019	767	20	17	612	9.9	81	75	447.50	571	110	1.8
	Sep 2019	784	14	15	515	8.6	78	180	447.50	570	100	1.7
	WY 2019	**8640**	**196**	**140**	**6233**		**859**	**1529**			**1506**	
	Oct 2019	678	24	12	468	7.6	35	180	447.50	571	63	1.0
	Nov 2019	580	14	9	390	6.6	9	180	447.50	571	97	1.6
	Dec 2019	465	22	7	319	5.2	10	166	446.50	552	104	1.7
	Jan 2020	483	18	6	265	4.3	105	121	446.50	552	125	2.0
	Feb 2020	658	11	8	435	7.6	99	121	446.50	552	152	2.6
	Mar 2020	944	5	9	711	11.6	28	189	446.70	555	192	3.1
	Apr 2020	1049	12	11	733	12.3	85	184	448.70	593	178	3.0
	May 2020	987	13	13	698	11.4	87	189	448.70	593	119	1.9
	Jun 2020	903	11	16	721	12.1	85	79	448.70	593	127	2.1
	Jul 2020	844	19	17	681	11.1	87	79	448.00	580	135	2.2
	Aug 2020	717	20	17	601	9.8	87	29	447.50	571	104	1.7
	Sep 2020	759	14	15	511	8.6	85	152	447.50	570	96	1.6
	WY 2020	**9067**	**182**	**139**	**6533**		**801**	**1668**			**1491**	
	Oct 2020	665	24	12	488	7.9	41	141	447.50	571	65	1.1
	Nov 2020	543	14	9	362	6.1	40	141	447.50	571	99	1.7
	Dec 2020	466	22	7	314	5.1	41	141	446.50	552	109	1.8
	Jan 2021	484	18	6	265	4.3	106	121	446.50	552	125	2.0
	Feb 2021	655	11	8	435	7.8	96	121	446.50	552	152	2.7

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3086

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 2019 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Mar 2018	833	13.5	1088.11	10694	-9	442.23	1005.9	333.9	62	400.8
H	Apr 2018	1015	17.1	1084.49	10387	-308	437.15	880.9	406.2	55	400.0
I	May 2018	1055	17.1	1080.00	10011	-376	432.39	1385.9	412.1	88	390.8
S	Jun 2018	986	16.6	1076.81	9748	-263	428.91	1552.0	378.6	100	384.1
T	Jul 2018	820	13.3	1077.43	9799	51	432.34	1552.0	313.2	100	382.0
O	Aug 2018	749	12.2	1078.88	9918	119	435.01	1562.0	287.4	100	383.8
R	Sep 2018	725	12.2	1078.29	9870	-49	434.15	1562.0	278.7	100	384.7
	WY 2018	**9240**							**3614.3**		
I	Oct 2018	641	10.4	1078.52	9889	19	435.29	1406.1	247.8	87	386.7
C	Nov 2018	690	11.6	1078.32	9872	-16	434.47	755.0	266.1	49	385.8
A	Dec 2018	453	7.6	1081.46	10132	260	438.59	959.9	179.6	61	396.6
L	Jan 2019	487	7.9	1085.75	10493	361	442.10	1006.1	183.4	63	376.8
*	Feb 2019	621	11.2	1087.97	10682	189	443.82	1119.0	246.4	70	396.7
	Mar 2019	773	12.6	1088.20	10702	20	437.92	1112.0	309.7	70	400.7
	Apr 2019	1015	17.1	1084.78	10411	-291	437.64	900.0	416.0	58	409.6
	May 2019	1036	16.8	1080.69	10069	-342	432.55	1088.1	412.3	69	397.9
	Jun 2019	941	15.8	1078.07	9851	-217	425.91	1539.0	363.9	100	386.5
	Jul 2019	846	13.8	1077.97	9843	-8	424.88	1539.0	328.1	100	387.8
	Aug 2019	801	13.0	1079.05	9933	90	425.70	1539.0	309.5	100	386.4
	Sep 2019	760	12.8	1078.08	9852	-81	426.40	1539.0	293.7	100	386.3
	WY 2019	**9064**							**3556.3**		
	Oct 2019	513	8.3	1079.65	9982	130	430.27	1352.0	200.0	88	390.1
	Nov 2019	660	11.1	1079.32	9955	-27	433.95	1232.0	256.9	81	389.0
	Dec 2019	584	9.5	1080.85	10081	127	433.24	1140.0	226.4	75	387.9
	Jan 2020	593	9.6	1084.31	10371	290	434.10	1067.0	231.3	70	390.3
	Feb 2020	681	11.8	1085.66	10486	115	435.64	1046.1	269.8	68	396.1
	Mar 2020	1007	16.4	1083.42	10296	-189	433.47	1220.0	395.5	81	392.7
	Apr 2020	1081	18.2	1079.09	9935	-361	429.88	1140.9	427.4	80	395.3
	May 2020	1021	16.6	1074.98	9599	-336	423.58	1426.0	387.8	100	379.8
	Jun 2020	944	15.9	1071.93	9353	-246	420.04	1392.0	360.0	100	381.2
	Jul 2020	854	13.9	1071.64	9330	-23	418.71	1392.0	326.6	100	382.5
	Aug 2020	751	12.2	1073.37	9469	139	419.75	1529.1	284.3	100	378.6
	Sep 2020	736	12.4	1072.70	9415	-54	420.92	1525.3	279.6	100	380.1
	WY 2020	**9425**							**3645.5**		
	Oct 2020	500	8.1	1074.47	9558	143	423.75	1348.8	191.7	88	383.3
	Nov 2020	624	10.5	1074.58	9567	9	426.96	1238.4	239.6	81	384.3
	Dec 2020	585	9.5	1076.15	9694	127	425.93	1164.8	221.7	75	379.3
	Jan 2021	593	9.6	1079.68	9985	290	426.24	1092.7	225.4	70	380.2
	Feb 2021	678	12.2	1081.10	10103	118	427.69	1076.7	261.3	68	385.5

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 2019 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Mar 2018	836	13.6	642.57	1687	-17	139.99	189.2	105.4	74	126.1
H	Apr 2018	1001	16.8	642.40	1682	-5	141.14	207.4	125.1	81	125.0
I	May 2018	1001	16.3	643.17	1703	21	141.89	204.0	126.2	80	126.1
S	Jun 2018	909	15.3	644.29	1734	31	143.00	255.0	115.0	100	126.6
T	Jul 2018	827	13.4	642.91	1696	-38	141.79	255.0	105.3	100	127.4
O	Aug 2018	730	11.9	642.29	1679	-17	141.02	255.0	92.7	100	127.1
R	Sep 2018	814	13.7	637.87	1561	-119	136.59	255.0	101.2	100	124.3
	WY 2018	**8981**							**1126.3**		
I	Oct 2018	635	10.3	637.08	1540	-21	135.95	184.3	77.8	72	122.4
C	Nov 2018	610	10.3	638.62	1581	40	137.20	158.1	78.4	62	128.4
A	Dec 2018	375	6.3	640.79	1639	58	140.00	153.0	47.3	60	126.1
L	Jan 2019	418	6.8	641.89	1668	30	143.26	159.6	56.8	63	135.8
*	Feb 2019	569	10.2	643.20	1704	36	144.69	209.5	70.2	82	123.4
	Mar 2019	764	12.4	642.50	1685	-19	140.04	189.2	96.4	86	126.2
	Apr 2019	969	16.3	643.00	1699	14	138.57	207.4	120.9	83	124.8
	May 2019	1002	16.3	643.00	1699	0	138.81	204.0	125.4	100	125.1
	Jun 2019	900	15.1	643.00	1699	0	139.21	255.0	112.9	100	125.4
	Jul 2019	836	13.6	642.00	1671	-27	139.25	255.0	104.9	100	125.5
	Aug 2019	767	12.5	642.00	1671	0	139.17	255.0	96.2	100	125.4
	Sep 2019	784	13.2	640.01	1618	-54	137.91	255.0	97.4	100	124.2
	WY 2019	**8629**							**1084.3**		
	Oct 2019	678	11.0	633.00	1434	-183	134.23	174.4	81.9	82	120.9
	Nov 2019	580	9.7	635.00	1486	51	132.25	158.1	69.1	60	119.1
	Dec 2019	465	7.6	638.71	1583	97	136.05	153.0	57.0	79	122.6
	Jan 2020	483	7.9	641.80	1666	83	139.32	141.5	60.7	70	125.5
	Feb 2020	658	11.4	641.80	1666	0	139.36	207.6	82.6	74	125.6
	Mar 2020	944	15.4	643.05	1700	34	138.55	207.3	117.9	100	124.8
	Apr 2020	1049	17.6	643.00	1699	-1	138.40	234.6	130.8	100	124.7
	May 2020	987	16.1	643.00	1699	0	138.89	255.0	123.6	100	125.1
	Jun 2020	903	15.2	643.00	1699	0	139.19	255.0	113.2	100	125.4
	Jul 2020	844	13.7	642.00	1671	-27	139.20	255.0	105.9	100	125.4
	Aug 2020	717	11.7	642.00	1671	0	139.48	255.0	90.1	100	125.7
	Sep 2020	759	12.8	640.01	1618	-54	138.07	255.0	94.4	100	124.4
	WY 2020	**9067**							**1127.1**		
	Oct 2020	665	10.8	633.00	1434	-183	134.32	185.9	80.5	82	121.0
	Nov 2020	543	9.1	635.00	1486	51	132.51	153.0	64.8	60	119.4
	Dec 2020	466	7.6	638.71	1583	97	136.05	200.7	57.1	79	122.6
	Jan 2021	484	7.9	641.80	1666	83	139.32	213.9	60.7	70	125.5
	Feb 2021	655	11.8	641.80	1666	0	139.23	207.6	82.1	74	125.4

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 2019 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Mar 2018	638	10.4	447.46	570	-20	81.79	102.6	44.9	85	70.4
H	Apr 2018	735	12.4	447.13	564	-6	81.11	120.0	50.8	100	69.1
I	May 2018	697	11.3	448.51	590	26	82.36	120.0	48.5	100	69.6
S	Jun 2018	712	12.0	448.43	588	-1	80.33	120.0	49.7	100	69.9
T	Jul 2018	656	10.7	448.00	580	-8	81.97	120.0	46.0	100	70.2
O	Aug 2018	611	9.9	447.53	571	-9	79.27	120.0	42.7	100	69.9
R	Sep 2018	512	8.6	448.95	598	27	83.02	120.0	35.9	100	70.1
	WY 2018	**6479**							**451.7**		
I	Oct 2018	394	6.4	448.12	582	-16	82.83	90.0	27.9	75	70.9
C	Nov 2018	350	6.0	447.99	580	-3	82.25	93.0	26.1	78	74.4
A	Dec 2018	218	3.5	446.53	552	-27	81.03	116.1	12.9	97	59.1
L	Jan 2019	250	4.1	446.58	553	1	82.75	117.1	17.0	98	68.2
*	Feb 2019	372	6.7	447.53	571	18	81.87	95.4	25.8	79	69.4
	Mar 2019	671	10.9	447.50	571	-1	75.28	111.3	44.2	93	65.9
	Apr 2019	717	12.0	448.00	580	9	75.13	120.0	47.2	100	65.9
	May 2019	714	11.6	448.70	593	13	75.71	120.0	47.3	100	66.3
	Jun 2019	731	12.3	448.70	593	0	76.05	120.0	48.7	100	66.6
	Jul 2019	683	11.1	448.00	580	-13	75.71	120.0	45.2	100	66.2
	Aug 2019	612	9.9	447.50	571	-9	75.13	120.0	40.1	100	65.5
	Sep 2019	515	8.6	447.50	570	0	74.89	120.0	33.4	100	65.0
	WY 2019	**6226**							**415.9**		
	Oct 2019	468	7.6	447.50	571	0	76.29	90.0	30.9	75	66.0
	Nov 2019	390	6.6	447.50	571	0	76.14	93.0	25.5	78	65.3
	Dec 2019	319	5.2	446.50	552	-19	74.65	114.2	20.2	95	63.3
	Jan 2020	265	4.3	446.50	552	0	75.07	94.8	16.7	79	62.8
	Feb 2020	435	7.6	446.50	552	0	75.16	93.1	28.3	78	65.1
	Mar 2020	711	11.6	446.70	555	4	74.01	120.0	46.2	100	64.9
	Apr 2020	733	12.3	448.70	593	38	75.08	120.0	48.3	100	65.9
	May 2020	698	11.4	448.70	593	0	76.05	120.0	46.4	100	66.5
	Jun 2020	721	12.1	448.70	593	0	76.05	120.0	48.0	100	66.6
	Jul 2020	681	11.1	448.00	580	-13	75.71	120.0	45.0	100	66.2
	Aug 2020	601	9.8	447.50	571	-9	75.13	120.0	39.3	100	65.5
	Sep 2020	511	8.6	447.50	570	0	74.89	120.0	33.2	100	65.0
	WY 2020	**6533**							**428.0**		
	Oct 2020	488	7.9	447.50	571	0	76.29	90.0	32.3	75	66.1
	Nov 2020	362	6.1	447.50	571	0	76.19	92.0	23.5	77	65.1
	Dec 2020	314	5.1	446.50	552	-19	74.86	109.4	19.9	91	63.3
	Jan 2021	265	4.3	446.50	552	0	75.07	94.8	16.6	79	62.8
	Feb 2021	435	7.8	446.50	552	0	75.21	92.1	28.3	77	65.2

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 2019 24-Month Study

Most Probable Inflow*

Upper Basin Power

	Date	Glen Canyon 1000 MWHR	Flaming Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Reservoir 1000 MWHR	Fontenelle Reservoir 1000 MWHR
*	Mar 2018	364	41	12	16	9	1
	Winter 2018	**2013**	**334**	**107**	**133**	**71**	**31**
H	Apr 2018	318	39	23	27	16	5
I	May 2018	318	63	23	33	20	7
S	Jun 2018	343	50	27	34	20	8
T	Jul 2018	384	48	27	36	20	8
O	Aug 2018	393	50	24	33	19	7
R	Sep 2018	288	47	8	29	16	1
	Summer 2018	**2045**	**297**	**133**	**193**	**111**	**36**
I	Oct 2018	268	39	11	19	9	4
C	Nov 2018	248	36	5	4	2	5
A	Dec 2018	313	47	5	6	2	5
L	Jan 2019	335	47	4	6	1	4
*	Feb 2019	302	42	6	8	1	3
	Mar 2019	293	21	6	7	4	4
	Winter 2019	**1758**	**232**	**36**	**50**	**19**	**24**
	Apr 2019	265	22	8	16	9	4
	May 2019	269	22	46	73	23	6
	Jun 2019	301	66	11	26	18	8
	Jul 2019	338	36	25	33	18	10
	Aug 2019	352	41	29	36	18	9
	Sep 2019	261	39	21	27	14	3
	Summer 2019	**1786**	**226**	**141**	**210**	**101**	**40**
	Oct 2019	249	36	12	16	9	6
	Nov 2019	248	35	4	5	3	5
	Dec 2019	278	42	7	9	5	5
	Jan 2020	329	43	7	9	5	4
	Feb 2020	284	40	7	9	0	4
	Mar 2020	301	22	0	11	6	4
	Winter 2020	**1689**	**218**	**36**	**59**	**29**	**28**
	Apr 2020	267	22	0	21	12	5
	May 2020	271	24	2	98	23	7
	Jun 2020	294	96	18	29	20	9
	Jul 2020	339	46	28	35	19	10
	Aug 2020	358	45	31	37	19	10
	Sep 2020	266	44	30	36	19	2
	Summer 2020	**1171**	**188**	**48**	**182**	**74**	**30**
	Oct 2020	254	34	20	24	13	5
	Nov 2020	252	33	16	20	10	5
	Dec 2020	283	43	33	40	20	5
	Jan 2021	336	43	23	29	15	5
	Feb 2021	292	38	11	15	8	4

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

March 2019 24-Month Study

Most Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions

Date	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Total KAF	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****EFFECTIVE SPACE****										
Mar 2019	824	582	831	15061	17298	16695	33993	453	405	451	1310	15061	16695	33065	1500	773	0	26.5
Apr 2019	807	579	810	15430	17627	16675	34302	432	402	425	1258	15430	16675	33363	1500	1015	0	26.3
May 2019	749	542	751	15498	17540	16966	34506	366	363	343	1072	15498	16966	33536	1500	1036	0	27.3
Jun 2019	643	515	647	14386	16191	17308	33499	248	322	200	770	14386	17308	32464	1500	941	0	29.2
Jul 2019	499	257	545	12799	14098	17526	31624	92	37	42	172	12799	17526	30496	1500	846	0	29.3
								****CREDITABLE SPACE****										
Aug 2019	425	216	562	12714	13918	17534	31452	425	216	562	1204	12714	17534	31452	1500	801	0	29.0
Sep 2019	475	246	590	13049	14360	17444	31804	475	246	590	1311	13049	17444	31804	2270	760	0	28.5
Oct 2019	544	265	595	13242	14647	17525	32172	544	265	595	1404	13242	17525	32172	3040	513	0	28.3
Nov 2019	595	265	587	13362	14809	17395	32204	595	265	587	1447	13362	17395	32204	3810	660	0	28.2
Dec 2019	643	245	584	13532	15005	17422	32427	643	245	584	1473	13532	17422	32427	4580	584	0	28.0
Jan 2020	725	243	586	13814	15368	17296	32664	725	243	586	1554	13814	17296	32664	5350	593	0	27.9
								****EFFECTIVE SPACE****										
Jan 2020	725	243	586	13814	15368	17296	32664	365	243	572	1180	13814	17296	32290	5350	593	0	27.9
Feb 2020	802	242	590	14212	15845	17006	32851	442	242	575	1259	14212	17006	32477	1500	681	0	27.7
Mar 2020	867	241	584	14499	16191	16891	33082	507	241	568	1316	14499	16891	32706	1500	1007	0	27.4
Apr 2020	832	231	535	14734	16332	17081	33412	466	231	513	1209	14734	17081	33024	1500	1081	0	27.3
May 2020	765	199	452	14628	16045	17442	33486	392	199	406	997	14628	17442	33066	1500	1021	0	28.5
Jun 2020	599	239	287	13444	14569	17778	32347	212	229	201	641	13444	17778	31863	1500	944	0	30.0
Jul 2020	485	61	179	12116	12841	18024	30865	85	27	36	148	12116	18024	30288	1500	854	0	30.1
								****CREDITABLE SPACE****										
Aug 2020	418	32	205	12014	12669	18047	30715	418	32	205	654	12014	18047	30715	1500	751	0	29.8
Sep 2020	467	60	248	12315	13090	17908	30997	467	60	248	775	12315	17908	30997	2270	736	0	29.4
Oct 2020	542	111	339	12393	13386	17962	31347	542	111	339	992	12393	17962	31347	3040	500	0	29.2
Nov 2020	583	133	326	12500	13541	17819	31360	583	133	326	1041	12500	17819	31360	3810	624	0	29.0
Dec 2020	624	154	330	12633	13740	17810	31550	624	154	330	1107	12633	17810	31550	4580	585	0	28.9
Jan 2021	706	238	341	12827	14112	17683	31794	706	238	341	1285	12827	17683	31794	5350	593	0	28.8
								****EFFECTIVE SPACE****										
Jan 2021	706	238	341	12827	14112	17683	31794	368	189	-84	473	12827	17683	30983	5350	593	0	28.8
Feb 2021	783	292	354	13166	14595	17392	31987	445	244	-72	617	13166	17392	31176	1500	678	0	28.5

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3086

Processed On: 3/8/2019 3:02:16PM

April 24-Month Study
Date: April 15, 2019

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

Reservoir	March Inflow (unregulated) (acre-feet)	Percent of Average (%)	April 14, Midnight Elevation (feet)	April 14, Midnight Reservoir Storage (acre-feet)
Fontenelle	36,900	70	6,467.88	110,000
Flaming Gorge	74,300	73	6,027.45	3,251,700
Blue Mesa	27,800	77	7,440.52	262,200
Navajo	112,900	123	6,030.35	1,009,400
Powell	623,800	94	3,568.71	9,003,200

Expected Operations

The operation of Lake Powell and Lake Mead in this April 2019 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines) and reflects the draft 2019 Annual Operating Plan (AOP). Pursuant to the Interim Guidelines, the August 2018 24-Month Study projections of the January 1, 2019, system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2019.

Consistent with Section 6.B of the Interim Guidelines, the Lake Powell operational tier for water year 2019 will be governed by the Upper Elevation Balancing Tier. With an 8.23 million acre-foot (maf) release from Lake Powell in water year 2019, the April 2019 24-Month Study projects the end of water year elevation at Lake Powell to be above 3,575 feet, and the end of water year elevation at Lake Mead to be below 1,075 feet. Therefore, in accordance with Section 6.B.4 of the Interim Guidelines, Lake Powell operations will shift to balancing releases for the remainder of water year 2019. Under Section 6.B.4, the contents of Lake Powell and Lake Mead will be balanced by the end of the water year, but not more than 9.0 maf and not less than 8.23 maf shall be released from Lake Powell. Based on the most probable inflow forecast, this April 24-Month Study projects a balancing release of 9.0 maf in water year 2019; however, the actual release in water year 2019 will depend on hydrology in the remainder of the water year

and will range between 8.23 and 9.0 maf. The projected release from Lake Powell in water year 2019 will be updated each month throughout the remainder of the water year.

Consistent with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar year 2019.

The Interim Guidelines are available for download at:
https://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The draft 2019 AOP is available for download at:
https://www.usbr.gov/lc/region/g4000/AOP2019/AOP19_draft.pdf

Fontenelle Reservoir – As of April 9, 2019, Fontenelle Reservoir's pool elevation is 6465.95 feet, which amounts to 30 percent of live storage capacity. Inflows for the month of March totaled 36,925 acre-feet (af), or 70 percent of average. Releases are currently set to 1,000 cfs but will likely be increased as soon as inflows increase.

The Colorado Basin River Forecast Center has forecasted inflows that are near average. April, May and June forecasted inflow volumes amount to 80,000 af (94 percent of average), 130,000 af (79 percent of average), and 255,000 af (85 percent of average), respectively.

The next Fontenelle Working Group meeting is scheduled for 10:00 a.m., April 24, 2019. The meeting will be held at the Seedskadee National Wildlife Refuge. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir.

Flaming Gorge Reservoir – As of April 9. 2019, Flaming Gorge Reservoir's pool elevation is 6026.91 feet (85 percent of live capacity) and increasing. Inflow into Flaming Gorge Reservoir during the month of March was 98,811 af, or 92 percent of average.

Average daily releases will likely remain at 950 cfs through the end of April, however, releases of 1600 cfs are scheduled for April 22nd and 23rd to facilitate the Utah Division of Wildlife Resources' fishery monitoring program's fish population assessment.

The April final forecast for unregulated inflows into Flaming Gorge for the next three months projects near average conditions: April, May, and June forecasted unregulated inflow volumes at 145,000 af (108 percent of average), 180,000 af (73 percent of average), and 310,000 af (79 percent of average), respectively.

Reclamation will be holding the Flaming Gorge Working Group meeting on April 18th at the Uintah Conference Center, 313 E 200 S, Vernal, UT, from 10 am to 1 pm

The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stakeholders of Flaming Gorge Dam. The public is

encouraged to attend and comment on the operations and plans presented by Reclamation at these meetings. Meeting notes from past Working Group meetings are posted on the Working Group webpage. For more information on this group and these meetings please contact Dale Hamilton at 801-379-1186.

Aspinall Unit Reservoirs – As of April 10, 2019 releases from Crystal Dam are approximately 850 cfs. Uncompahgre Valley Water Users Association has begun diversions through the Gunnison Tunnel and flows through the tunnel as of April 10, 2019 are 400 cfs. Flows through the Black Canyon are approximately 430 cfs. There is currently about a 20 cfs loss to the Gunnison River between Crystal Dam and the Gunnison Tunnel Diversion. As of April 10, 2019, Blue Mesa Reservoir elevation is 7439.74 feet which corresponds to storage content of 258,294 af (31 percent of capacity). The elevation of Blue Mesa is beginning to rise as inflows due to run off are increasing.

The March unregulated inflow to Blue Mesa Reservoir was 27,700 af (77 percent of average). Unregulated Inflows to Blue Mesa for the next three months (April, May and June) are projected to be: 83,000 af (108 percent of average), 270,000 af (122 percent of average) and 420,000 af (161 percent of average), respectively. For water year 2019, the unregulated inflow volume is forecasted to be 1,169,500 af (122 percent of average) with 925,000 af (137 percent of average) of unregulated inflow occurring during the April through July period. The April 24-Month Study is reflective of this new forecast.

Current projections indicate Blue Mesa storage will steadily increase as spring runoff begins. Snowpack conditions in the Gunnison River Basin are well above normal at 143 percent of median above the Aspinall Unit. Current projections indicate Blue Mesa will nearly fill by late summer if current inflow forecasts come to fruition. The peak elevation for this water year will occur in or around late July and is projected to be about 7515 feet. The projected end of water year 2019 elevation of Blue Mesa is 7507.5 feet which corresponds to a live storage content of about 724,000 acre-feet (87 percent of full capacity).

The Aspinall Unit Working Group is an open public forum for information exchange between Reclamation and the stakeholders of the Aspinall Unit. The public is encouraged to attend and comment on the operations and plans presented by Reclamation at these meetings. Meeting notes from past working Group meetings are posted on the Working Group webpage. For more information on this group and these meetings please contact Erik Knight in the Grand Junction Area Office at (970) 248-0629.

Meeting notes from past working Group meetings are posted on the Working Group webpage at:

https://www.usbr.gov/uc/wcao/water/rsvrs/mtgs/amcurrnt.html

The next meeting of the Aspinall Unit Working Group will be held on Tuesday, April 23, 2019 at 1:00 pm at the at the Western Colorado Area Office located at 445 West Gunnison Avenue in Grand Junction, Colorado.

Navajo Reservoir – As of April 9th, 2019, the daily average release rate from Navajo Dam is approximately 298 cfs while reservoir inflow is averaging approximately 2300 cfs. The water surface elevation is 6028.17 feet above sea level and is steadily increasing. At this elevation the live storage is 0.990 maf (58 percent of live storage capacity) and the active storage is 0.328 maf (32 percent of active storage capacity). The river flow measured at the San Juan River at Four Corners USGS gage is 1,310 cfs. River flow at the Animas River at Farmington USGS gage is at 1,120 cfs.

Releases from Navajo Dam are made for authorized purposes of the Navajo Unit and are pursuant to the Record of Decision for the Navajo Reservoir Operations, Navajo Unit – San Juan River New Mexico, Colorado, Utah Final Environmental Impact Statement. Releases from Navajo Dam are managed to attempt to maintain a target base flow through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell). The San Juan River Basin Recovery Implementation Program (SJRIP) recommends a target base flow of between 500 cfs and 1,000 cfs through the critical habitat area. The target base flow is calculated as the weekly average of gaged flows throughout the critical habitat area.

Preliminary modified-unregulated inflow into Navajo (inflow adjusted for upstream change in storage, reservoir evaporation and exportation from the basin) in March was 113,738 af (123 percent of average for the month). SNOTEL sites above Navajo are at 150% of average with 29.8 inches of SWE on average per site.

Forecast modified-unregulated inflow to Navajo over the next three months (April, May and June) are projected to be: 198,000 af (116 percent of average), 340,000 af (123 percent of average), and 315,000 af (141 percent of average), respectively.

The April through July runoff forecasts are as follows:
Min Probable: 780,000 af (106 percent of average)
Most Probable: 920,000 af (125 percent of average)
Max Probable: 1,170,000 af (159 percent of average)

Based on current storage and long-term projections, Navajo has a 95% chance of filling to at least 6050 ft and a 50% chance of filling to at least 6060 ft in the spring of 2019. Based on current projections there are still no plans for a spring peak release, though a short-duration maintenance release is being planned. This proposed release would include a 5-7 day ramp up to 5,000 cfs, five days at 5,000 cfs, and a 3-day ramp back down to base release. The release would likely be timed to coincide with the peak on the Animas River. This proposed release is under consideration but has not been firmly scheduled and may change shape and timing.
Reclamation conducts Public Operations Meetings three times per year to gather input for determining upcoming operations for Navajo Reservoir. Input from individuals,

organizations, and agencies along with other factors such as weather, water rights, endangered species requirements, flood control, hydro power, recreation, fish and wildlife management, and reservoir levels, will be considered in the development of these reservoir operation plans. In addition, the meetings are used to coordinate activities and exchange information among agencies, water users, and other interested parties concerning the San Juan River and Navajo Reservoir.

The next Navajo Unit Coordination Meeting will be held Tuesday, April 23rd at 1pm at the Farmington Civic Center (200 West Arrington, Farmington, NM). A public information meeting has also been scheduled for April 30th at 6pm in Bloomfield (915 North First Street, Bloomfield, NM).

Glen Canyon Dam / Lake Powell

Current Status
The unregulated inflow in March was 624 thousand acre-feet (kaf) (94 percent of average). March precipitation in the Upper Colorado Basin was 175 percent of average. The release volume from Glen Canyon Dam in March was 790 kaf. The end of March elevation and storage of Lake Powell were 3,569.28 feet (130.72 feet from full pool) 9.05 maf (38 percent of full capacity).

Current Operations
The operating tier for water year 2019 was established in August 2018 as the Upper Elevation Balancing Tier. As described in the Interim Guidelines, under balancing, the contents of Lake Powell and Lake Mead are to be balanced by the end of the water year, but not more than 9.0 maf and not less than 8.23 maf is to be released from Lake Powell. Under this Tier the initial annual water year release volume is 8.23 maf, and the April 2019 24-Month Study projects the end of water year elevation at Lake Powell to be above 3,575 feet, and the end of water year elevation at Lake Mead to be below 1,075 feet. Lake Powell operations will shift to balancing releases for the remainder of water year 2019. Lake Powell is currently projected to release 9.0 maf in water year 2019; and this projection will be updated each month throughout the remainder of the water year.

In April, the release volume will be approximately 720 kaf, with fluctuations anticipated between about 8,500 cfs in the nighttime to about 15,000 cfs and consistent with the Glen Canyon Dam, Record of Decision on LTEMP (dated December, 2016). The anticipated release volume for May is 720 kaf.

In addition to daily scheduled fluctuations for power generation, the instantaneous releases from Glen Canyon Dam may also fluctuate to provide 40 megawatts (mw) of system regulation. These instantaneous release adjustments stabilize the electrical generation and transmission system and translate to a range of about 1,200 cfs above or below the hourly scheduled release rate. Under normal conditions, fluctuations for regulation are typically short lived and generally balance out over the hour with minimal or no noticeable impacts on downstream river flow conditions.

Releases from Glen Canyon Dam can also fluctuate beyond scheduled releases when called upon to respond to power system emergencies. Depending on the severity of the system emergency, the response from Glen Canyon Dam can be significant and within the full range of the operating capacity of the power plant for as long as is necessary to maintain balance in the transmission system. Glen Canyon Dam currently maintains 28 mw (approximately 830 cfs) of generation capacity in reserve in order to respond to a system emergency even when generation rates are already high. System emergencies occur fairly infrequently and typically require small responses from Glen Canyon Dam. However, these responses can have a noticeable impact on the river downstream of Glen Canyon Dam.

Inflow Forecasts and Model Projections

The forecast for water year 2019 unregulated inflow to Lake Powell, issued on April 1, 2019, by the Colorado Basin River Forecast Center, projects that the most probable (median) unregulated inflow volume this year will be 12.11 maf (112 percent of average). There is significant uncertainty regarding this season's snow pack development and resulting runoff into Lake Powell. Reclamation updates the minimum and maximum probable forecasts four times a year: January, April, August and October. The April forecast ranges from a minimum probable of 9.68 maf (89 percent of average) to a maximum probable of 15.26 maf (141 percent of average). There is a 10 percent chance that inflows could be higher than the current maximum probable forecast and a 10 percent chance that inflows could be lower than the minimum probable forecast.

Based on the current forecast, the April 24-Month Study projects Lake Powell elevation will end water year 2019 near 3,561.59 feet with approximately 12.89 maf in storage (55 percent of capacity). Note that projections of elevation and storage for water year 2019 have significant uncertainty at this point in the season. Projections of end of water year 2019 elevation and storage using the minimum and maximum probable inflow forecast from April 2019 are 3,590.25 feet (10.84 maf, 46 percent of capacity) and 3,632.38 feet (15.12 maf, 65 percent of capacity), respectively. Under these scenarios, there is a 10 percent chance that inflows will be higher, resulting in higher elevation and storage, and 10 percent chance that inflows will be lower, resulting in lower elevation and storage. The annual release volume from Lake Powell during water year 2019 is projected to be 9.0 maf under the April most probable scenario, and 9.0 maf under the April maximum and minimum probable inflow scenarios.

Upper Colorado River Basin Hydrology

Upper Colorado River Basin regularly experiences significant year to year hydrologic variability. During the 19-year period 2000 to 2018, however, the unregulated inflow to Lake Powell, which is a good measure of hydrologic conditions in the Colorado River Basin, was above average in only 4 out of the past 19 years. The period 2000-2018 is the lowest 19-year period since the closure of Glen Canyon Dam in 1963, with an average unregulated inflow of 8.54 maf, or 79 percent of the 30-year average (1981-2010). (For comparison, the 1981-2010 total water year average is 10.83 maf.) The unregulated inflow during the 2000-2018 period has ranged from a low of 2.64 maf (24 percent of average) in water year 2002 to a high of 15.97 maf (147 percent of average) in water year

2011. In water year 2018 unregulated inflow volume to Lake Powell was 4.6 maf (43 percent of average), the third driest year on record above 2002 and 1977. Under the current most probable forecast, the total water year 2019 unregulated inflow to Lake Powell is projected to be 12.11 maf (112 percent of average).

At the beginning of water year 2019, total system storage in the Colorado River Basin was 28.01 maf (47 percent of 59.6 maf total system capacity). This is a decrease of 4.91 maf over the total storage at the beginning of water year 2018 when total system storage was 32.92 maf (55 percent of capacity). Since the beginning of water year 2000, total Colorado Basin storage has experienced year to year increases and decreases in response to wet and dry hydrology, ranging from a high of 94 percent of capacity at the beginning of 2000 to the now current level of 47 percent of capacity at the beginning of water year 2019. Based on current inflow forecasts, the current projected end of water year total Colorado Basin reservoir storage for water year 2019 is approximately 30.62 maf (51 percent of total system capacity). The actual end of water year 2019 system storage may vary from this projection, primarily due to uncertainty regarding this season's runoff and reservoir inflow.

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-430
125 SOUTH STATE STREET, ROOM 8100
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-3709

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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:	Obs			feb	Forecast		Outlook		
:	nov	dec	jan	feb %Avg	mar	apr	may	apr-jul	%Avg
GLDA3:Lake Powell	228	212	255	624 94%:	1300/	3000/	3600/	9200/:	128%
GBRW4:Fontenelle	30	28	26	37 70%:	80/	130/	255/	630/:	87%
GRNU1:Flaming Gorge	29	34	34	74 73%:	145/	180/	310/	830/:	85%
BMDC2:Blue Mesa	19.5	19.9	20.0	28 78%:	83/	270/	420/	925/:	137%
MPSC2:Morrow Point	21	21	20	29 72%:	95/	305/	455/	1015/:	137%
CLSC2:Crystal	25	25	24	34 73%:	105/	350/	500/	1135/:	136%
TPIC2:Taylor Park	3.6	3.7	3.4	4.7 106%:	6/	30/	61/	122/:	123%
VCRC2:Vallecito	3.3	3.7	3.8	5.6 65%:	21/	75/	110/	240/:	124%
NVRN5:Navajo	12.5	13.2	17.6	114 123%:	198/	340/	315/	920/:	125%
LEMC2:Lemon	0.52	0.49	0.50	0.77 48%:	5/	23/	30/	65/:	118%
MPHC2:McPhee	1.68	2.6	2.8	10.8 51%:	95/	195/	115/	430/:	146%
RBSC2:Ridgway	3.3	3.1	3.0	6.0 105%:	11/	28/	55/	123/:	122%
YDLC2:Deerlodge	19.6	18.4	18.0	55 66%:	280/	550/	480/	1400/:	113%

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2019 24-Month Study

Most Probable Inflow*

Fontenelle Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Apr 2018	101	1	83	4	87	6472.76	130
H	May 2018	354	2	100	123	223	6494.84	260
I	Jun 2018	404	2	101	269	370	6499.18	292
S	Jul 2018	138	3	92	8	100	6503.79	327
T	Aug 2018	50	2	75	1	76	6500.10	299
O	Sep 2018	30	2	7	58	65	6495.11	262
	WY 2018	**1397**	**15**	**856**	**528**	**1382**		
R	Oct 2018	42	1	45	20	65	6491.62	238
I	Nov 2018	38	1	60	0	60	6488.29	216
C	Dec 2018	30	1	61	1	61	6483.19	184
A	Jan 2019	28	1	61	0	61	6476.81	150
L	Feb 2019	26	0	55	1	56	6470.41	120
*	Mar 2019	37	0	61	0	61	6464.13	95
	Apr 2019	80	1	69	0	69	6466.85	106
	May 2019	130	1	80	0	80	6477.76	155
	Jun 2019	255	2	98	0	98	6501.51	310
	Jul 2019	165	3	101	39	140	6504.42	333
	Aug 2019	67	2	85	0	85	6501.75	312
	Sep 2019	41	2	37	51	89	6495.04	263
	WY 2019	**940**	**14**	**814**	**112**	**926**		
	Oct 2019	45	1	74	0	74	6490.75	233
	Nov 2019	41	1	60	0	60	6487.73	213
	Dec 2019	32	1	61	0	61	6482.90	183
	Jan 2020	30	1	61	0	61	6477.04	152
	Feb 2020	28	0	58	0	58	6470.49	121
	Mar 2020	53	0	63	0	63	6467.97	111
	Apr 2020	85	1	77	0	77	6469.78	118
	May 2020	164	1	80	0	80	6485.77	201
	Jun 2020	299	2	104	87	191	6500.98	306
	Jul 2020	178	3	100	42	143	6505.11	339
	Aug 2020	77	2	80	0	80	6504.39	333
	Sep 2020	46	2	20	76	95	6497.67	282
	WY 2020	**1077**	**15**	**838**	**205**	**1043**		
	Oct 2020	49	1	98	0	98	6490.41	231
	Nov 2020	42	1	62	0	62	6487.27	210
	Dec 2020	32	1	61	0	61	6482.38	180
	Jan 2021	30	1	61	0	61	6476.43	149
	Feb 2021	28	0	56	0	56	6470.25	120
	Mar 2021	53	0	67	0	67	6466.52	105

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3088

Processed On: 4/10/2019 2:59:55PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2019 24-Month Study

Most Probable Inflow*

Flaming Gorge Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	Apr 2018	121	108	5	101	0	101	128	6025.69	3186	277
H	May 2018	422	290	8	163	6	169	133	6028.57	3294	572
I	Jun 2018	435	401	11	125	0	125	143	6035.09	3550	278
S	Jul 2018	140	102	14	120	0	120	142	6034.33	3519	141
T	Aug 2018	42	68	13	124	0	124	139	6032.67	3453	142
O	Sep 2018	17	52	11	119	0	119	136	6030.75	3378	132
	WY 2018	**1594**	**1580**	**82**	**1608**	**7**	**1616**				**2638**
R	Oct 2018	52	75	7	99	0	99	135	6029.99	3349	131
I	Nov 2018	41	63	4	93	0	93	133	6029.15	3316	121
C	Dec 2018	29	60	2	124	0	124	131	6027.49	3253	153
A	Jan 2019	34	68	2	124	0	124	129	6026.01	3198	154
L	Feb 2019	34	63	2	112	0	112	127	6024.69	3149	143
*	Mar 2019	74	99	3	58	0	58	128	6025.67	3185	126
	Apr 2019	145	134	5	59	0	59	131	6027.48	3253	339
	May 2019	180	130	8	61	0	61	133	6029.01	3311	611
	Jun 2019	310	153	10	281	74	356	125	6023.52	3106	836
	Jul 2019	195	170	13	98	0	98	127	6025.05	3162	188
	Aug 2019	75	93	12	98	0	98	127	6024.60	3145	122
	Sep 2019	50	98	11	95	0	95	126	6024.39	3138	112
	WY 2019	**1220**	**1206**	**79**	**1303**	**74**	**1377**				**3038**
	Oct 2019	55	84	7	98	0	98	125	6023.83	3117	129
	Nov 2019	50	68	3	95	0	95	124	6023.03	3088	126
	Dec 2019	35	64	2	116	0	116	122	6021.60	3037	142
	Jan 2020	40	72	2	117	0	117	120	6020.34	2992	142
	Feb 2020	45	74	2	109	0	109	119	6019.33	2956	137
	Mar 2020	102	112	3	61	0	61	121	6020.64	3002	138
	Apr 2020	134	125	5	60	0	60	123	6022.29	3061	275
	May 2020	245	161	7	65	0	65	127	6024.62	3146	597
	Jun 2020	390	282	10	263	0	263	127	6024.84	3154	683
	Jul 2020	210	175	13	125	0	125	128	6025.81	3190	225
	Aug 2020	89	92	12	123	0	123	127	6024.69	3149	148
	Sep 2020	55	104	11	119	0	119	126	6024.03	3125	138
	WY 2020	**1449**	**1415**	**77**	**1352**	**0**	**1352**				**2879**
	Oct 2020	59	109	7	92	0	92	126	6024.28	3134	125
	Nov 2020	51	71	3	89	0	89	125	6023.71	3113	121
	Dec 2020	35	64	2	117	0	117	123	6022.28	3061	142
	Jan 2021	40	72	2	117	0	117	121	6021.02	3016	142
	Feb 2021	45	72	2	106	0	106	120	6020.06	2982	133
	Mar 2021	102	117	3	61	0	61	122	6021.49	3033	138

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3088

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2019 24-Month Study

Most Probable Inflow*

Taylor Park Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Apr 2018	8	7	9311.18	72
H	May 2018	24	12	9318.33	84
I	Jun 2018	13	15	9317.29	82
S	Jul 2018	5	14	9311.71	73
T	Aug 2018	3	13	9305.51	63
O	Sep 2018	3	8	9301.71	58
	WY 2018	**88**	**108**		
R	Oct 2018	5	3	9302.60	59
I	Nov 2018	3	3	9302.61	59
C	Dec 2018	4	3	9302.74	59
A	Jan 2019	4	3	9302.92	59
L	Feb 2019	3	3	9303.16	60
*	Mar 2019	5	4	9303.75	60
	Apr 2019	6	5	9304.40	61
	May 2019	30	14	9314.44	77
	Jun 2019	61	34	9328.84	104
	Jul 2019	25	24	9329.58	105
	Aug 2019	11	19	9325.58	97
	Sep 2019	8	18	9320.35	88
	WY 2019	**164**	**134**		
	Oct 2019	7	6	9320.77	88
	Nov 2019	5	5	9320.88	89
	Dec 2019	5	5	9320.60	88
	Jan 2020	4	5	9320.14	87
	Feb 2020	4	5	9319.64	86
	Mar 2020	4	5	9319.22	86
	Apr 2020	9	10	9318.53	84
	May 2020	28	14	9326.16	99
	Jun 2020	42	35	9329.55	105
	Jul 2020	20	24	9327.87	102
	Aug 2020	10	19	9323.39	93
	Sep 2020	7	18	9317.86	83
	WY 2020	**146**	**151**		
	Oct 2020	7	12	9315.08	78
	Nov 2020	5	5	9315.11	78
	Dec 2020	5	5	9314.81	78
	Jan 2021	4	5	9314.30	77
	Feb 2021	4	5	9313.75	76
	Mar 2021	4	10	9310.35	70

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3088

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2019 24-Month Study

Most Probable Inflow*

Blue Mesa Reservoir

	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Apr 2018	48	47	1	82	0	82	7478.94	498
H	May 2018	112	100	1	85	0	85	7480.90	513
I	Jun 2018	56	57	1	98	0	98	7475.06	471
S	Jul 2018	21	31	1	101	0	101	7464.43	399
T	Aug 2018	19	28	1	93	0	93	7453.77	334
O	Sep 2018	12	17	1	30	39	68	7444.44	282
	WY 2018	**433**	**453**	**7**	**856**	**39**	**895**		
R	Oct 2018	23	22	0	46	11	56	7437.59	248
I	Nov 2018	22	21	0	19	0	19	7438.08	250
C	Dec 2018	20	19	0	21	0	21	7437.82	249
A	Jan 2019	20	20	0	17	0	17	7438.40	252
L	Feb 2019	20	20	0	23	0	23	7437.59	248
*	Mar 2019	28	27	0	25	0	25	7438.01	250
	Apr 2019	83	82	0	41	0	41	7445.84	290
	May 2019	270	254	1	157	0	157	7462.35	386
	Jun 2019	420	393	1	32	0	32	7510.05	746
	Jul 2019	152	151	2	83	0	83	7517.51	813
	Aug 2019	66	74	1	105	0	105	7513.94	780
	Sep 2019	47	57	1	102	0	102	7508.65	734
	WY 2019	**1170**	**1140**	**7**	**670**	**11**	**680**		
	Oct 2019	44	43	1	71	0	71	7505.40	706
	Nov 2019	34	33	0	51	0	51	7503.23	688
	Dec 2019	26	26	0	98	0	98	7494.45	616
	Jan 2020	24	25	0	58	0	58	7490.31	584
	Feb 2020	22	23	0	35	0	35	7488.82	572
	Mar 2020	36	37	0	37	0	37	7488.77	572
	Apr 2020	77	78	1	56	0	56	7491.52	593
	May 2020	221	207	1	205	41	246	7486.34	553
	Jun 2020	261	254	1	50	0	50	7511.22	757
	Jul 2020	117	120	2	78	0	78	7515.85	798
	Aug 2020	63	72	1	87	0	87	7514.08	782
	Sep 2020	38	48	1	80	0	80	7510.29	748
	WY 2020	**964**	**968**	**9**	**905**	**41**	**945**		
	Oct 2020	38	43	1	55	0	55	7508.79	735
	Nov 2020	31	31	0	57	0	57	7505.72	709
	Dec 2020	26	26	0	110	0	110	7495.53	625
	Jan 2021	24	25	0	67	0	67	7490.24	583
	Feb 2021	22	23	0	33	0	33	7488.98	573
	Mar 2021	36	42	0	0	29	29	7490.54	586

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2019 24-Month Study

Most Probable Inflow*

Morrow Point Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Apr 2018	54	82	6	87	79	0	79	7154.30	112
H	May 2018	121	85	8	94	94	0	94	7153.76	112
I	Jun 2018	57	98	2	99	99	0	99	7154.16	112
S	Jul 2018	22	101	1	102	101	0	101	7155.49	113
T	Aug 2018	19	93	0	93	94	0	94	7153.96	112
O	Sep 2018	14	68	2	70	84	0	84	7135.77	98
	WY 2018	**460**	**895**	**27**	**922**	**935**	**0**	**937**		
R	Oct 2018	24	56	1	57	56	0	56	7136.92	99
I	Nov 2018	23	19	1	20	13	0	15	7143.47	104
C	Dec 2018	21	21	1	22	18	0	18	7147.95	107
A	Jan 2019	21	17	1	17	18	0	18	7147.00	107
L	Feb 2019	20	23	0	24	23	0	23	7147.57	107
*	Mar 2019	29	25	1	26	26	0	26	7146.90	107
	Apr 2019	95	41	12	53	48	0	48	7153.73	112
	May 2019	305	157	35	192	192	0	192	7153.73	112
	Jun 2019	455	32	35	67	67	0	67	7153.73	112
	Jul 2019	160	83	8	91	91	0	91	7153.73	112
	Aug 2019	71	105	5	110	110	0	110	7153.73	112
	Sep 2019	52	102	5	107	107	0	107	7153.73	112
	WY 2019	**1276**	**680**	**106**	**786**	**771**	**0**	**773**		
	Oct 2019	48	71	4	75	75	0	75	7153.73	112
	Nov 2019	36	51	3	54	54	0	54	7153.73	112
	Dec 2019	28	98	2	100	100	0	100	7153.73	112
	Jan 2020	27	58	2	60	60	0	60	7153.73	112
	Feb 2020	25	35	3	37	37	0	37	7153.73	112
	Mar 2020	40	37	4	41	41	0	41	7153.73	112
	Apr 2020	88	56	11	67	67	0	67	7153.73	112
	May 2020	247	246	26	272	272	0	272	7153.73	112
	Jun 2020	281	50	20	70	70	0	70	7153.73	112
	Jul 2020	123	78	6	84	84	0	84	7153.73	112
	Aug 2020	67	87	3	90	90	0	90	7153.73	112
	Sep 2020	41	80	3	83	83	0	83	7153.73	112
	WY 2020	**1051**	**945**	**87**	**1033**	**1033**	**0**	**1033**		
	Oct 2020	41	55	3	58	58	0	58	7153.73	112
	Nov 2020	33	57	2	59	59	0	59	7153.73	112
	Dec 2020	28	110	2	112	112	0	112	7153.73	112
	Jan 2021	27	67	2	69	69	0	69	7153.73	112
	Feb 2021	25	33	3	35	35	0	35	7153.73	112
	Mar 2021	40	29	4	33	33	0	33	7153.73	112

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2019 24-Month Study

Most Probable Inflow*

Crystal Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
*	Apr 2018	60	79	6	84	84	0	84	6749.35	16	53	28
H	May 2018	129	94	9	102	102	0	102	6749.41	16	62	39
I	Jun 2018	61	99	3	102	102	0	102	6750.48	16	63	42
S	Jul 2018	24	101	2	103	103	0	103	6750.59	16	64	41
T	Aug 2018	21	94	2	96	98	0	98	6744.83	15	65	36
O	Sep 2018	15	84	1	85	87	0	87	6737.22	13	59	33
	WY 2018	**505**	**937**	**45**	**982**	**959**	**26**	**985**			**438**	**553**
R	Oct 2018	27	56	3	59	55	0	55	6751.87	17	33	24
I	Nov 2018	26	15	4	19	21	0	21	6743.11	14	1	19
C	Dec 2018	25	18	4	22	21	0	22	6745.32	15	0	20
A	Jan 2019	25	18	4	22	19	3	22	6746.57	15	1	20
L	Feb 2019	24	23	3	27	9	17	26	6748.26	16	1	25
*	Mar 2019	34	26	5	32	30	0	30	6752.77	17	0	29
	Apr 2019	105	48	10	58	58	0	58	6753.04	17	42	16
	May 2019	350	192	45	237	134	103	237	6753.04	17	62	175
	Jun 2019	500	67	45	112	112	0	112	6753.04	17	61	51
	Jul 2019	180	91	20	111	111	0	111	6753.04	17	65	46
	Aug 2019	78	110	7	117	117	0	117	6753.04	17	65	52
	Sep 2019	58	107	6	113	113	0	113	6753.04	17	55	58
	WY 2019	**1431**	**773**	**156**	**929**	**800**	**124**	**924**			**386**	**535**
	Oct 2019	54	75	6	81	81	0	81	6753.04	17	30	51
	Nov 2019	41	54	5	59	59	0	59	6753.04	17	0	59
	Dec 2019	32	100	5	105	105	0	105	6753.04	17	0	105
	Jan 2020	31	60	5	65	65	0	65	6753.04	17	0	65
	Feb 2020	29	37	4	41	0	41	41	6753.04	17	0	41
	Mar 2020	46	41	6	47	47	0	47	6753.04	17	5	42
	Apr 2020	101	67	12	80	80	0	80	6753.04	17	42	38
	May 2020	281	272	34	306	134	172	306	6753.04	17	62	244
	Jun 2020	315	70	34	103	103	0	103	6753.04	17	61	42
	Jul 2020	138	84	14	98	98	0	98	6753.04	17	65	33
	Aug 2020	75	90	8	98	98	0	98	6753.04	17	65	33
	Sep 2020	47	83	6	89	89	0	89	6753.04	17	55	34
	WY 2020	**1191**	**1033**	**139**	**1172**	**959**	**213**	**1172**			**385**	**787**
	Oct 2020	47	58	6	64	64	0	64	6753.04	17	30	34
	Nov 2020	38	59	5	64	64	0	64	6753.04	17	0	64
	Dec 2020	32	112	5	117	117	0	117	6753.04	17	0	117
	Jan 2021	31	69	5	74	74	0	74	6753.04	17	0	74
	Feb 2021	29	35	4	39	39	0	39	6753.04	17	0	39
	Mar 2021	46	33	6	39	39	0	39	6753.04	17	5	34

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2019 24-Month Study

Most Probable Inflow*

Vallecito Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Apr 2018	15	3	7649.29	85
H	May 2018	30	31	7648.91	84
I	Jun 2018	14	35	7639.22	63
S	Jul 2018	8	35	7624.15	35
T	Aug 2018	5	19	7613.87	22
O	Sep 2018	3	4	7613.06	21
	WY 2018	**102**	**153**		
R	Oct 2018	9	3	7617.56	26
I	Nov 2018	5	0	7621.25	31
C	Dec 2018	3	0	7623.31	34
A	Jan 2019	4	0	7625.50	37
L	Feb 2019	4	0	7627.67	41
*	Mar 2019	6	6	7627.39	40
	Apr 2019	21	36	7617.02	25
	May 2019	75	40	7637.96	60
	Jun 2019	110	45	7664.68	125
	Jul 2019	34	43	7660.95	115
	Aug 2019	20	38	7653.82	96
	Sep 2019	17	30	7648.48	83
	WY 2019	**307**	**242**		
	Oct 2019	15	17	7647.60	81
	Nov 2019	9	2	7650.18	87
	Dec 2019	6	2	7652.00	92
	Jan 2020	5	2	7653.41	95
	Feb 2020	5	2	7654.57	98
	Mar 2020	9	2	7657.16	105
	Apr 2020	23	3	7664.88	125
	May 2020	71	71	7664.89	125
	Jun 2020	70	70	7664.70	125
	Jul 2020	29	41	7659.80	112
	Aug 2020	20	38	7652.57	93
	Sep 2020	17	29	7647.52	81
	WY 2020	**281**	**279**		
	Oct 2020	16	16	7647.08	80
	Nov 2020	9	2	7649.70	86
	Dec 2020	6	2	7651.53	91
	Jan 2021	5	2	7652.95	94
	Feb 2021	5	2	7654.14	97
	Mar 2021	9	2	7656.73	104

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2019 24-Month Study

Most Probable Inflow*

Navajo Reservoir

	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azetea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Farmington Flow (1000 Ac-Ft)
*	Apr 2018	70	13	46	2	20	38	6049.73	1222	44
H	May 2018	88	16	71	3	36	32	6049.80	1223	64
I	Jun 2018	6	3	24	4	42	42	6044.23	1159	50
S	Jul 2018	-9	0	18	4	42	51	6036.94	1080	56
T	Aug 2018	-7	0	7	3	42	51	6028.27	991	49
O	Sep 2018	2	0	3	2	27	46	6020.80	919	43
	WY 2018	**268**	**36**	**283**	**24**	**224**	**405**			**533**
R	Oct 2018	23	1	17	1	7	31	6018.35	897	39
I	Nov 2018	15	0	10	1	0	18	6017.43	888	34
C	Dec 2018	12	0	9	0	0	18	6016.39	879	31
A	Jan 2019	14	0	10	0	0	19	6015.33	869	32
L	Feb 2019	18	0	14	1	1	16	6014.90	865	36
*	Mar 2019	114	1	113	1	4	18	6024.61	955	72
	Apr 2019	198	25	188	2	21	15	6039.30	1105	60
	May 2019	340	46	259	3	35	22	6056.49	1304	207
	Jun 2019	315	43	207	4	52	106	6060.05	1348	316
	Jul 2019	67	5	71	4	57	31	6058.43	1328	106
	Aug 2019	54	3	68	4	48	31	6057.29	1314	70
	Sep 2019	52	3	61	3	26	30	6057.48	1316	61
	WY 2019	**1222**	**128**	**1027**	**25**	**251**	**355**			**1065**
	Oct 2019	53	2	53	2	10	31	6058.36	1327	58
	Nov 2019	36	0	29	1	0	30	6058.25	1326	48
	Dec 2019	25	0	21	1	0	31	6057.38	1315	46
	Jan 2020	22	0	18	1	0	31	6056.34	1302	44
	Feb 2020	30	0	27	1	0	29	6056.12	1299	41
	Mar 2020	92	9	77	2	6	31	6059.24	1338	53
	Apr 2020	170	21	129	3	21	30	6065.05	1413	82
	May 2020	277	37	240	4	36	169	6067.38	1445	315
	Jun 2020	224	29	195	4	53	253	6058.54	1329	404
	Jul 2020	66	5	74	4	57	35	6056.77	1307	102
	Aug 2020	45	2	61	3	48	31	6055.00	1286	70
	Sep 2020	43	2	53	3	26	30	6054.59	1280	62
	WY 2020	**1084**	**106**	**977**	**27**	**256**	**728**			**1326**
	Oct 2020	47	2	46	2	9	31	6054.93	1285	59
	Nov 2020	34	0	27	1	0	30	6054.62	1281	48
	Dec 2020	25	0	21	1	0	31	6053.73	1270	46
	Jan 2021	22	0	18	1	0	31	6052.66	1257	44
	Feb 2021	30	0	27	1	0	28	6052.50	1255	40
	Mar 2021	92	9	77	2	6	31	6055.71	1294	53

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2019 24-Month Study

Most Probable Inflow*

Lake Powell

	Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry Gage (1000 Ac-Ft)
*	Apr 2018	382	419	25	705	0	705	3609.39	5067	12669	738
H	May 2018	1214	968	29	705	0	705	3611.54	5085	12886	730
I	Jun 2018	883	635	45	760	0	760	3609.98	5072	12728	781
S	Jul 2018	123	252	53	860	0	860	3603.80	5023	12116	877
T	Aug 2018	11	260	50	900	0	900	3597.12	4972	11477	911
O	Sep 2018	1	230	45	670	0	670	3592.28	4936	11028	690
	WY 2018	**4612**	**5459**	**386**	**9000**	**0**	**9000**				**9158**
R	Oct 2018	351	477	30	625	0	625	3590.46	4923	10862	650
I	Nov 2018	254	307	29	585	77	662	3586.50	4894	10507	669
C	Dec 2018	228	322	22	740	0	740	3581.85	4862	10099	744
A	Jan 2019	212	303	7	804	0	804	3576.34	4824	9629	815
L	Feb 2019	255	339	7	730	0	730	3571.89	4795	9261	742
*	Mar 2019	624	573	11	790	0	790	3569.28	4778	9049	798
	Apr 2019	1300	1030	18	720	0	720	3572.60	4799	9319	735
	May 2019	3000	2532	24	720	0	720	3591.70	4932	10975	731
	Jun 2019	3600	3143	43	765	0	765	3614.01	5105	13138	776
	Jul 2019	1300	1159	56	860	0	860	3616.19	5123	13364	879
	Aug 2019	550	641	55	900	0	900	3613.37	5099	13072	917
	Sep 2019	430	538	51	683	0	683	3611.59	5085	12891	697
	WY 2019	**12105**	**11365**	**353**	**8923**	**77**	**9000**				**9152**
	Oct 2019	530	589	35	640	0	640	3610.80	5079	12811	650
	Nov 2019	481	539	33	640	0	640	3609.57	5069	12687	641
	Dec 2019	363	522	26	720	0	720	3607.49	5052	12479	726
	Jan 2020	361	480	8	860	0	860	3603.83	5023	12119	871
	Feb 2020	393	469	9	750	0	750	3601.06	5002	11851	759
	Mar 2020	665	578	14	800	0	800	3598.76	4984	11632	814
	Apr 2020	1056	862	23	710	0	710	3600.02	4994	11752	725
	May 2020	2343	2153	28	710	0	710	3613.26	5099	13062	721
	Jun 2020	2666	2439	48	750	0	750	3627.55	5220	14581	761
	Jul 2020	1091	996	61	850	0	850	3628.27	5226	14660	869
	Aug 2020	500	594	60	900	0	900	3625.18	5199	14321	917
	Sep 2020	408	529	55	670	0	670	3623.51	5185	14139	684
	WY 2020	**10857**	**10749**	**401**	**9000**	**0**	**9000**				**9138**
	Oct 2020	512	558	38	640	0	640	3622.48	5176	14028	650
	Nov 2020	473	534	36	640	0	640	3621.25	5165	13896	641
	Dec 2020	363	535	29	720	0	720	3619.38	5150	13698	726
	Jan 2021	361	489	9	860	0	860	3616.02	5121	13346	871
	Feb 2021	393	462	9	750	0	750	3613.36	5099	13071	759
	Mar 2021	665	570	16	800	0	800	3611.13	5081	12844	814

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2019 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Glen Release (1000 Ac-Ft)	Side Inflow Glen to Hoover (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Apr 2018	705	43	39	1015	17.1	21	1015	675	1084.49	10387
H	May 2018	705	21	44	1055	17.1	27	1054	651	1080.00	10011
I	Jun 2018	760	27	53	986	16.6	28	985	634	1076.81	9748
S	Jul 2018	860	106	65	820	13.3	27	819	637	1077.43	9799
T	Aug 2018	900	74	70	749	12.2	28	748	645	1078.88	9918
O	Sep 2018	670	84	58	725	12.2	24	723	642	1078.29	9870
	WY 2018	**9000**	**690**	**541**	**9240**		**241**	**9237**			
R	Oct 2018	625	100	42	641	10.4	23	634	643	1078.52	9889
I	Nov 2018	662	67	42	690	11.6	16	689	642	1078.32	9872
C	Dec 2018	740	52	36	468	7.6	11	467	659	1081.46	10132
A	Jan 2019	804	106	30	487	7.9	8	486	682	1085.75	10493
L	Feb 2019	730	127	28	621	11.2	7	620	694	1087.97	10682
*	Mar 2019	790	202	32	738	12.0	14	737	707	1090.24	10878
	Apr 2019	720	49	39	941	15.8	26	941	693	1087.66	10656
	May 2019	720	30	45	1022	16.6	35	1022	671	1083.76	10325
	Jun 2019	765	17	54	936	15.7	35	936	656	1081.05	10098
	Jul 2019	860	80	67	836	13.6	38	836	656	1081.04	10097
	Aug 2019	900	100	71	787	12.8	35	787	663	1082.26	10199
	Sep 2019	683	91	58	746	12.5	28	746	659	1081.60	10144
	WY 2019	**9000**	**1021**	**544**	**8911**		**273**	**8899**			
	Oct 2019	640	82	43	498	8.1	29	498	669	1083.30	10286
	Nov 2019	640	54	43	660	11.1	21	660	667	1082.97	10258
	Dec 2019	720	51	37	600	9.8	17	600	674	1084.27	10368
	Jan 2020	860	83	31	593	9.6	11	593	693	1087.68	10658
	Feb 2020	750	91	28	682	11.8	10	682	700	1089.01	10771
	Mar 2020	800	57	32	1007	16.4	20	1007	688	1086.79	10582
	Apr 2020	710	49	39	1081	18.2	24	1081	664	1082.51	10220
	May 2020	710	30	44	1021	16.6	33	1021	642	1078.46	9884
	Jun 2020	750	17	52	944	15.9	33	944	626	1075.44	9637
	Jul 2020	850	80	65	854	13.9	36	854	625	1075.15	9613
	Aug 2020	900	100	69	751	12.2	33	751	634	1076.84	9751
	Sep 2020	670	91	57	736	12.4	26	736	630	1076.17	9696
	WY 2020	**9000**	**784**	**539**	**9427**		**295**	**9427**			
	Oct 2020	640	82	42	500	8.1	28	500	640	1077.92	9839
	Nov 2020	640	54	42	624	10.5	20	624	640	1078.02	9847
	Dec 2020	720	51	36	585	9.5	16	585	648	1079.55	9974
	Jan 2021	860	83	30	593	9.6	11	593	667	1083.03	10264
	Feb 2021	750	91	28	678	12.2	10	678	675	1084.43	10382
	Mar 2021	800	57	31	1007	16.4	20	1007	663	1082.19	10193

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2019 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Apr 2018	1015	-3	17	1001	0	1001	16.8	642.40	1682
H	May 2018	1055	-11	22	1001	0	1001	16.3	643.17	1703
I	Jun 2018	986	-21	26	909	0	909	15.3	644.29	1734
S	Jul 2018	820	-6	26	827	0	827	13.4	642.91	1696
T	Aug 2018	749	-13	23	730	0	730	11.9	642.29	1679
O	Sep 2018	725	-11	18	814	0	814	13.7	637.87	1561
	WY 2018	**9240**	**-103**	**198**	**8981**	**0**	**8981**			
R	Oct 2018	641	-11	15	635	0	635	10.3	637.08	1540
I	Nov 2018	690	-28	11	610	0	610	10.3	638.62	1581
C	Dec 2018	468	-14	9	375	0	386	6.3	640.79	1639
A	Jan 2019	487	-29	10	418	0	418	6.8	641.89	1668
L	Feb 2019	621	-6	10	569	0	569	10.2	643.20	1704
*	Mar 2019	738	7	13	729	0	749	12.2	642.57	1687
	Apr 2019	941	-17	17	896	0	896	15.1	643.00	1699
	May 2019	1022	-11	22	989	0	989	16.1	643.00	1699
	Jun 2019	936	-16	25	894	0	894	15.0	643.00	1699
	Jul 2019	836	-12	25	826	0	826	13.4	642.00	1671
	Aug 2019	787	-11	23	753	0	753	12.2	642.00	1671
	Sep 2019	746	-12	18	769	0	769	12.9	640.01	1618
	WY 2019	**8911**	**-162**	**198**	**8463**	**0**	**8495**			
	Oct 2019	498	-4	15	663	0	663	10.8	633.00	1434
	Nov 2019	660	-19	10	579	0	579	9.7	635.00	1486
	Dec 2019	600	-12	9	482	0	482	7.8	638.71	1583
	Jan 2020	593	-16	10	483	0	483	7.9	641.80	1666
	Feb 2020	682	-13	10	658	0	658	11.4	641.80	1666
	Mar 2020	1007	-15	13	944	0	944	15.4	643.05	1700
	Apr 2020	1081	-17	17	1049	0	1049	17.6	643.00	1699
	May 2020	1021	-11	22	987	0	987	16.1	643.00	1699
	Jun 2020	944	-16	25	903	0	903	15.2	643.00	1699
	Jul 2020	854	-12	25	844	0	844	13.7	642.00	1671
	Aug 2020	751	-11	23	717	0	717	11.7	642.00	1671
	Sep 2020	736	-12	18	759	0	759	12.8	640.01	1618
	WY 2020	**9427**	**-159**	**197**	**9070**	**0**	**9070**			
	Oct 2020	500	-4	15	665	0	665	10.8	633.00	1434
	Nov 2020	624	-19	10	543	0	543	9.1	635.00	1486
	Dec 2020	585	-12	9	466	0	466	7.6	638.71	1583
	Jan 2021	593	-16	10	484	0	484	7.9	641.80	1666
	Feb 2021	678	-13	10	654	0	654	11.8	641.80	1666
	Mar 2021	1007	-15	13	944	0	944	15.4	643.05	1700

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2019 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	Apr 2018	1001	-8	11	735	12.4	75	168	447.13	564	175	2.9
H	May 2018	1001	10	13	697	11.3	87	178	448.51	590	124	2.0
I	Jun 2018	909	6	15	712	12.0	91	88	448.43	588	131	2.2
S	Jul 2018	827	20	17	656	10.7	101	72	448.00	580	133	2.2
T	Aug 2018	730	22	17	611	9.9	99	22	447.53	571	104	1.7
O	Sep 2018	814	9	15	512	8.6	95	164	448.95	598	94	1.6
	WY 2018	**8981**	**100**	**139**	**6479**		**910**	**1431**			**1500**	
R	Oct 2018	635	23	12	394	6.4	86	176	448.12	582	68	1.1
I	Nov 2018	610	16	9	357	6.0	85	173	447.99	580	97	1.6
C	Dec 2018	386	26	7	218	3.5	70	143	446.53	552	105	1.7
A	Jan 2019	418	19	6	250	4.1	87	91	446.58	553	122	2.0
L	Feb 2019	569	13	8	372	6.7	31	151	447.53	571	143	2.6
*	Mar 2019	749	-4	9	630	10.2	11	83	447.86	577	186	3.0
	Apr 2019	896	12	11	719	12.1	27	137	448.00	580	166	2.8
	May 2019	989	13	13	715	11.6	71	181	448.50	589	135	2.2
	Jun 2019	894	11	16	731	12.3	68	73	448.70	593	140	2.3
	Jul 2019	826	19	17	683	11.1	71	75	448.00	580	138	2.2
	Aug 2019	753	20	17	612	9.9	67	75	447.50	571	110	1.8
	Sep 2019	769	14	15	515	8.6	64	180	447.50	570	100	1.7
	WY 2019	**8495**	**182**	**140**	**6194**		**738**	**1536**			**1508**	
	Oct 2019	663	24	12	468	7.6	20	180	447.50	571	63	1.0
	Nov 2019	579	14	9	375	6.3	21	183	447.50	571	97	1.6
	Dec 2019	482	22	7	303	4.9	22	186	446.50	552	104	1.7
	Jan 2020	483	18	6	265	4.3	105	121	446.50	552	125	2.0
	Feb 2020	658	11	8	435	7.6	99	121	446.50	552	152	2.6
	Mar 2020	944	5	9	711	11.6	28	189	446.70	555	192	3.1
	Apr 2020	1049	12	11	733	12.3	85	184	448.70	593	178	3.0
	May 2020	987	13	13	698	11.4	87	189	448.70	593	119	1.9
	Jun 2020	903	11	16	721	12.1	85	79	448.70	593	127	2.1
	Jul 2020	844	19	17	681	11.1	87	79	448.00	580	135	2.2
	Aug 2020	717	20	17	601	9.8	87	29	447.50	571	104	1.7
	Sep 2020	759	14	15	511	8.6	85	152	447.50	570	96	1.6
	WY 2020	**9070**	**182**	**139**	**6502**		**811**	**1693**			**1491**	
	Oct 2020	665	24	12	488	7.9	41	141	447.50	571	65	1.1
	Nov 2020	543	14	9	362	6.1	40	141	447.50	571	99	1.7
	Dec 2020	466	22	7	314	5.1	41	141	446.50	552	109	1.8
	Jan 2021	484	18	6	265	4.3	106	121	446.50	552	125	2.0
	Feb 2021	654	11	8	435	7.8	96	121	446.50	552	152	2.7
	Mar 2021	944	5	9	710	11.5	29	189	446.70	555	192	3.1

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2019 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Apr 2018	1015	17.1	1084.49	10387	-308	437.15	880.9	406.2	55	400.0
H	May 2018	1055	17.1	1080.00	10011	-376	432.39	1385.9	412.1	88	390.8
I	Jun 2018	986	16.6	1076.81	9748	-263	428.91	1552.0	378.6	100	384.1
S	Jul 2018	820	13.3	1077.43	9799	51	432.34	1552.0	313.2	100	382.0
T	Aug 2018	749	12.2	1078.88	9918	119	435.01	1562.0	287.4	100	383.8
O	Sep 2018	725	12.2	1078.29	9870	-49	434.15	1562.0	278.7	100	384.7
	WY 2018	**9240**							**3614.3**		
R	Oct 2018	641	10.4	1078.52	9889	19	435.29	1406.1	247.8	87	386.7
I	Nov 2018	690	11.6	1078.32	9872	-16	434.47	755.0	266.1	49	385.8
C	Dec 2018	453	7.6	1081.46	10132	260	438.59	959.9	179.6	61	396.6
A	Jan 2019	487	7.9	1085.75	10493	361	442.10	1006.1	183.4	63	376.8
L	Feb 2019	621	11.2	1087.97	10682	189	443.82	1119.0	246.4	70	396.7
*	Mar 2019	738	12.0	1090.24	10878	195	444.26	1112.0	295.7	70	400.6
	Apr 2019	941	15.8	1087.66	10656	-222	440.86	810.1	392.2	51	417.1
	May 2019	1022	16.6	1083.76	10325	-331	437.50	796.0	423.3	51	414.1
	Jun 2019	936	15.7	1081.05	10098	-227	428.91	1562.0	364.0	100	388.9
	Jul 2019	836	13.6	1081.04	10097	0	427.88	1552.0	326.1	100	390.0
	Aug 2019	787	12.8	1082.26	10199	102	428.81	1562.0	305.5	100	388.4
	Sep 2019	746	12.5	1081.60	10144	-55	429.74	1562.0	289.8	100	388.4
	WY 2019	**8896**							**3519.8**		
	Oct 2019	498	8.1	1083.30	10286	142	433.84	1371.0	195.3	88	391.8
	Nov 2019	660	11.1	1082.97	10258	-28	437.57	1260.1	258.6	81	391.9
	Dec 2019	600	9.8	1084.27	10368	110	436.76	1188.0	235.4	75	392.1
	Jan 2020	593	9.6	1087.68	10658	290	437.49	1116.0	232.9	70	393.0
	Feb 2020	682	11.8	1089.01	10771	114	438.98	1095.0	271.9	68	399.0
	Mar 2020	1007	16.4	1086.79	10582	-190	436.81	1283.0	398.5	81	395.6
	Apr 2020	1081	18.2	1082.51	10220	-361	433.47	1219.0	431.7	78	399.3
	May 2020	1021	16.6	1078.46	9884	-337	427.00	1539.0	391.0	100	382.9
	Jun 2020	944	15.9	1075.44	9637	-247	423.50	1528.0	363.0	100	384.4
	Jul 2020	854	13.9	1075.15	9613	-24	422.19	1528.0	329.3	100	385.7
	Aug 2020	751	12.2	1076.84	9751	138	423.21	1392.0	286.6	100	381.6
	Sep 2020	736	12.4	1076.17	9696	-55	424.36	1544.9	281.8	100	383.1
	WY 2020	**9427**							**3675.9**		
	Oct 2020	500	8.1	1077.92	9839	143	428.48	1364.6	193.9	88	387.8
	Nov 2020	624	10.5	1078.02	9847	8	432.44	1254.7	243.8	81	391.0
	Dec 2020	585	9.5	1079.55	9974	127	431.96	1178.9	226.2	75	386.9
	Jan 2021	593	9.6	1083.03	10264	290	432.84	1104.6	230.8	70	389.3
	Feb 2021	678	12.2	1084.43	10382	118	434.39	1089.3	268.6	68	396.5
	Mar 2021	1007	16.4	1082.19	10193	-189	432.25	1273.2	394.2	81	391.6

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2019 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Apr 2018	1001	16.8	642.40	1682	-5	141.14	207.4	125.1	81	125.0
H	May 2018	1001	16.3	643.17	1703	21	141.89	204.0	126.2	80	126.1
I	Jun 2018	909	15.3	644.29	1734	31	143.00	255.0	115.0	100	126.6
S	Jul 2018	827	13.4	642.91	1696	-38	141.79	255.0	105.3	100	127.4
T	Aug 2018	730	11.9	642.29	1679	-17	141.02	255.0	92.7	100	127.1
O	Sep 2018	814	13.7	637.87	1561	-119	136.59	255.0	101.2	100	124.3
	WY 2018	**8981**							**1126.3**		
R	Oct 2018	635	10.3	637.08	1540	-21	135.95	184.3	77.8	72	122.4
I	Nov 2018	610	10.3	638.62	1581	40	137.20	158.1	78.4	62	128.4
C	Dec 2018	375	6.3	640.79	1639	58	140.00	153.0	47.3	60	126.1
A	Jan 2019	418	6.8	641.89	1668	30	143.26	159.6	56.8	63	135.8
L	Feb 2019	569	10.2	643.20	1704	36	144.69	209.5	68.8	82	120.9
*	Mar 2019	729	12.2	642.57	1687	-17	140.17	218.8	94.8	86	130.1
	Apr 2019	896	15.1	643.00	1699	12	139.02	210.8	112.2	83	125.2
	May 2019	989	16.1	643.00	1699	0	138.88	255.0	123.7	100	125.1
	Jun 2019	894	15.0	643.00	1699	0	139.24	255.0	112.2	100	125.4
	Jul 2019	826	13.4	642.00	1671	-27	139.31	255.0	103.7	100	125.5
	Aug 2019	753	12.2	642.00	1671	0	139.25	255.0	94.4	100	125.5
	Sep 2019	769	12.9	640.01	1618	-54	138.00	255.0	95.6	100	124.3
	WY 2019	**8463**							**1065.6**		
	Oct 2019	663	10.8	633.00	1434	-183	134.33	208.9	80.3	82	121.0
	Nov 2019	579	9.7	635.00	1486	51	132.25	153.0	69.0	60	119.1
	Dec 2019	482	7.8	638.71	1583	97	135.93	200.7	59.0	79	122.5
	Jan 2020	483	7.9	641.80	1666	83	139.32	179.3	60.7	70	125.5
	Feb 2020	658	11.4	641.80	1666	0	139.36	189.9	82.7	74	125.6
	Mar 2020	944	15.4	643.05	1700	34	138.55	255.0	117.9	100	124.8
	Apr 2020	1049	17.6	643.00	1699	-1	138.40	255.0	130.8	100	124.7
	May 2020	987	16.1	643.00	1699	0	138.89	255.0	123.5	100	125.1
	Jun 2020	903	15.2	643.00	1699	0	139.19	255.0	113.2	100	125.4
	Jul 2020	844	13.7	642.00	1671	-27	139.20	255.0	105.9	100	125.4
	Aug 2020	717	11.7	642.00	1671	0	139.48	255.0	90.1	100	125.7
	Sep 2020	759	12.8	640.01	1618	-54	138.07	255.0	94.4	100	124.4
	WY 2020	**9070**							**1127.4**		
	Oct 2020	665	10.8	633.00	1434	-183	134.32	208.9	80.5	82	121.0
	Nov 2020	543	9.1	635.00	1486	51	132.51	153.0	64.8	60	119.4
	Dec 2020	466	7.6	638.71	1583	97	136.05	200.7	57.1	79	122.6
	Jan 2021	484	7.9	641.80	1666	83	139.32	179.3	60.7	70	125.5
	Feb 2021	654	11.8	641.80	1666	0	139.23	189.4	82.1	74	125.4
	Mar 2021	944	15.4	643.05	1700	34	138.55	255.0	117.9	100	124.8

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2019 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Apr 2018	735	12.4	447.13	564	-6	81.11	120.0	50.8	100	69.1
H	May 2018	697	11.3	448.51	590	26	82.36	120.0	48.5	100	69.6
I	Jun 2018	712	12.0	448.43	588	-1	80.33	120.0	49.7	100	69.9
S	Jul 2018	656	10.7	448.00	580	-8	81.97	120.0	46.0	100	70.2
T	Aug 2018	611	9.9	447.53	571	-9	79.27	120.0	42.7	100	69.9
O	Sep 2018	512	8.6	448.95	598	27	83.02	120.0	35.9	100	70.1
	WY 2018	**6479**							**451.7**		
R	Oct 2018	394	6.4	448.12	582	-16	82.83	90.0	27.9	75	70.9
I	Nov 2018	350	6.0	447.99	580	-3	82.25	93.0	26.1	78	74.4
C	Dec 2018	218	3.5	446.53	552	-27	81.03	116.1	12.9	97	59.1
A	Jan 2019	250	4.1	446.58	553	1	82.75	117.1	17.0	98	68.2
L	Feb 2019	372	6.7	447.53	571	18	81.87	95.4	25.5	79	68.6
*	Mar 2019	630	10.2	447.86	577	6	82.11	111.3	44.3	93	70.4
	Apr 2019	719	12.1	448.00	580	3	75.52	115.0	47.6	96	66.2
	May 2019	715	11.6	448.50	589	9	75.70	118.1	47.4	98	66.3
	Jun 2019	731	12.3	448.70	593	4	75.95	120.0	48.6	100	66.5
	Jul 2019	683	11.1	448.00	580	-13	75.71	120.0	45.2	100	66.2
	Aug 2019	612	9.9	447.50	571	-9	75.13	120.0	40.1	100	65.5
	Sep 2019	515	8.6	447.50	570	0	74.89	120.0	33.4	100	65.0
	WY 2019	**6187**							**416.1**		
	Oct 2019	468	7.6	447.50	571	0	76.29	90.0	30.9	75	66.0
	Nov 2019	375	6.3	447.50	571	0	76.14	93.0	24.4	78	65.1
	Dec 2019	303	4.9	446.50	552	-19	74.65	114.2	19.1	95	63.0
	Jan 2020	265	4.3	446.50	552	0	75.07	94.8	16.7	79	62.8
	Feb 2020	435	7.6	446.50	552	0	75.16	93.1	28.3	78	65.1
	Mar 2020	711	11.6	446.70	555	4	74.01	120.0	46.2	100	64.9
	Apr 2020	733	12.3	448.70	593	38	75.08	120.0	48.3	100	65.9
	May 2020	698	11.4	448.70	593	0	76.05	120.0	46.4	100	66.5
	Jun 2020	721	12.1	448.70	593	0	76.05	120.0	48.0	100	66.6
	Jul 2020	681	11.1	448.00	580	-13	75.71	120.0	45.0	100	66.2
	Aug 2020	601	9.8	447.50	571	-9	75.13	120.0	39.3	100	65.5
	Sep 2020	511	8.6	447.50	570	0	74.89	120.0	33.2	100	65.0
	WY 2020	**6502**							**425.8**		
	Oct 2020	488	7.9	447.50	571	0	76.29	90.0	32.3	75	66.1
	Nov 2020	362	6.1	447.50	571	0	76.19	92.0	23.5	77	65.1
	Dec 2020	314	5.1	446.50	552	-19	74.86	109.4	19.9	91	63.3
	Jan 2021	265	4.3	446.50	552	0	75.07	94.8	16.6	79	62.8
	Feb 2021	435	7.8	446.50	552	0	75.21	92.1	28.3	77	65.2
	Mar 2021	710	11.5	446.70	555	4	74.01	120.0	46.1	100	64.9

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3088

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2019 24-Month Study

Most Probable Inflow*

Upper Basin Power

	Date	Glen Canyon 1000 MWHR	Flaming Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Reservoir 1000 MWHR	Fontenelle Reservoir 1000 MWHR
*	Apr 2018	318	39	23	27	16	5
H	May 2018	318	63	23	33	20	7
I	Jun 2018	343	50	27	34	20	8
S	Jul 2018	384	48	27	36	20	8
T	Aug 2018	393	50	24	33	19	7
O	Sep 2018	288	47	8	29	16	1
Summer 2018		**2045**	**297**	**133**	**193**	**111**	**36**
R	Oct 2018	268	39	11	19	9	4
I	Nov 2018	248	36	5	4	2	5
C	Dec 2018	313	47	5	6	2	5
A	Jan 2019	335	47	4	6	1	4
L	Feb 2019	302	42	6	8	1	3
*	Mar 2019	325	22	6	9	4	3
Winter 2019		**1790**	**233**	**36**	**51**	**19**	**24**
	Apr 2019	268	21	11	17	10	4
	May 2019	275	23	42	69	23	5
	Jun 2019	305	103	9	24	19	8
	Jul 2019	351	36	26	33	19	10
	Aug 2019	366	36	33	40	20	8
	Sep 2019	277	35	32	39	20	3
Summer 2019		**1842**	**253**	**153**	**222**	**111**	**39**
	Oct 2019	259	36	22	27	14	6
	Nov 2019	258	35	16	20	10	5
	Dec 2019	290	42	30	36	18	5
	Jan 2020	344	42	17	22	11	5
	Feb 2020	298	39	10	13	0	4
	Mar 2020	317	22	11	15	8	4
Winter 2020		**1767**	**216**	**105**	**132**	**62**	**29**
	Apr 2020	281	22	17	24	14	5
	May 2020	285	24	60	98	23	6
	Jun 2020	309	96	15	25	18	9
	Jul 2020	355	45	24	30	17	10
	Aug 2020	375	45	27	33	17	8
	Sep 2020	279	43	25	30	15	2
Summer 2020		**1883**	**275**	**169**	**240**	**104**	**39**
	Oct 2020	265	34	17	21	11	9
	Nov 2020	264	32	18	21	11	5
	Dec 2020	296	42	33	40	20	5
	Jan 2021	352	42	20	25	13	5
	Feb 2021	306	38	10	13	7	4
	Mar 2021	325	22	0	12	7	4
Winter 2021		**1484**	**189**	**98**	**120**	**62**	**27**

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

April 2019 24-Month Study

Most Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions

Date	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Lake System Total KAF	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	BOM Space Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****EFFECTIVE SPACE****										
Apr 2019	813	580	741	15273	17407	16499	33906	256	580	551	1386	15273	16499	33159	1500	941	0	27.2
May 2019	735	540	591	15003	16869	16721	33590	169	540	378	1088	15003	16721	32812	1500	1022	0	29.0
Jun 2019	628	444	392	13347	14811	17052	31863	51	444	141	636	13347	17052	31035	1500	936	0	31.3
Jul 2019	678	83	348	11184	12293	17279	29572	97	69	40	206	11184	17279	28670	1500	836	0	31.6
								****CREDITABLE SPACE****										
Aug 2019	599	17	368	10958	11943	17280	29222	599	17	368	984	10958	17280	29222	1500	787	0	31.3
Sep 2019	636	49	382	11250	12318	17178	29496	636	49	382	1068	11250	17178	29496	2270	746	0	30.9
Oct 2019	694	95	380	11431	12600	17233	29833	694	95	380	1169	11431	17233	29833	3040	498	0	30.7
Nov 2019	744	123	369	11511	12747	17091	29837	744	123	369	1236	11511	17091	29837	3810	660	0	30.5
Dec 2019	792	141	370	11635	12939	17119	30058	792	141	370	1304	11635	17119	30058	4580	600	0	30.3
Jan 2020	874	213	381	11843	13311	17009	30321	874	213	381	1468	11843	17009	30321	5350	593	0	30.2
								****EFFECTIVE SPACE****										
Jan 2020	874	213	381	11843	13311	17009	30321	365	201	183	749	11843	17009	29602	5350	593	0	30.2
Feb 2020	951	246	394	12203	13793	16719	30513	442	234	196	872	12203	16719	29794	1500	682	0	30.0
Mar 2020	1,017	257	397	12471	14142	16606	30747	507	246	197	950	12471	16606	30027	1500	1007	0	29.7
Apr 2020	981	258	358	12690	14286	16795	31082	466	247	151	864	12690	16795	30349	1500	1081	0	29.7
May 2020	915	236	283	12570	14003	17157	31160	392	226	52	670	12570	17157	30396	1500	1021	0	30.8
Jun 2020	747	276	251	11260	12535	17493	30029	212	251	-19	444	11260	17493	29197	1500	944	0	32.3
Jul 2020	633	73	367	9741	10814	17740	28554	85	39	39	164	9741	17740	27645	1500	854	0	32.4
								****CREDITABLE SPACE****										
Aug 2020	565	32	389	9662	10648	17764	28412	565	32	389	986	9662	17764	28412	1500	751	0	32.1
Sep 2020	612	48	410	10001	11072	17626	28698	612	48	410	1071	10001	17626	28698	2270	736	0	31.7
Oct 2020	688	81	416	10183	11367	17681	29048	688	81	416	1185	10183	17681	29048	3040	500	0	31.5
Nov 2020	730	94	411	10294	11529	17538	29067	730	94	411	1235	10294	17538	29067	3810	624	0	31.3
Dec 2020	771	120	415	10426	11732	17530	29262	771	120	415	1306	10426	17530	29262	4580	585	0	31.1
Jan 2021	853	204	426	10624	12107	17403	29510	853	204	426	1483	10624	17403	29510	5350	593	0	31.0
								****EFFECTIVE SPACE****										
Jan 2021	853	204	426	10624	12107	17403	29510	368	187	228	783	10624	17403	28810	5350	593	0	31.0
Feb 2021	930	246	439	10976	12591	17113	29704	445	230	240	915	10976	17113	29004	1500	678	0	30.8
Mar 2021	992	256	441	11251	12939	16995	29935	506	240	241	987	11251	16995	29233	1500	1007	0	30.5

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3088

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May 24-Month Study
Date: May 14, 2019

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

Reservoir	April Inflow (unregulated) (acre-feet)	Percent of Average (%)	May 13, Midnight Elevation (feet)	May 13, Midnight Reservoir Storage (acre-feet)
Fontenelle	113,500	133	6,476.92	150,200
Flaming Gorge	239,900	180	6,027.45	3,324,000
Blue Mesa	121,300	157	7,440.52	399,100
Navajo	230,300	135	6,030.35	1,189,100
Powell	1,243,600	118	3,568.71	9,696,500

Expected Operations

The operation of Lake Powell and Lake Mead in this May 2019 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines) and reflects the draft 2019 Annual Operating Plan (AOP). Pursuant to the Interim Guidelines, the August 2018 24-Month Study projections of the January 1, 2019, system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2019.

Consistent with Section 6.B of the Interim Guidelines, the Lake Powell operational tier for water year 2019 will be governed by the Upper Elevation Balancing Tier. With an 8.23 million acre-foot (maf) release from Lake Powell in water year 2019, the April 2019 24-Month Study projects the end of water year elevation at Lake Powell to be above 3,575 feet above sea level (feet), and the end of water year elevation at Lake Mead to be below 1,075 feet. Therefore, in accordance with Section 6.B.4 of the Interim Guidelines, Lake Powell operations will shift to balancing releases for the remainder of water year 2019. Under Section 6.B.4, the contents of Lake Powell and Lake Mead will be balanced by the end of the water year, but not more than 9.0 maf and not less than 8.23 maf shall be released from Lake Powell. Based on the most probable inflow forecast, this May 24-Month Study projects a balancing release of 9.0 maf in water year 2019; however, the actual release in water year 2019 will depend on hydrology in the remainder of the water

year and will range between 8.23 and 9.0 maf. The projected release from Lake Powell in water year 2019 will be updated each month throughout the remainder of the water year.

Consistent with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar year 2019.

The Interim Guidelines are available for download at:
https://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The draft 2019 AOP is available for download at:
https://www.usbr.gov/lc/region/g4000/AOP2019/AOP19_draft.pdf

Fontenelle Reservoir – As of May 13, 2019, Fontenelle Reservoir's pool elevation is 6476.73 feet, which amounts to 43 percent of live storage capacity. Inflows for the month of April totaled 113,540 acre-feet (af), or 132 percent of average. Releases are currently set to full power plant generation or roughly 1,600 cubic feet per second (cfs).

The Colorado Basin River Forecast Center has forecasted inflows that are near average. May, June and July forecasted inflow volumes amount to 166,000 af (98 percent of average), 270,000 af (90 percent of average), and 190,000 af (106 percent of average), respectively.

The next Fontenelle Working Group meeting is scheduled for August 22, 2019. The meeting will be held at the Water Treatment Facility, 3 Telephone Canyon Road, Green River, WY 82935. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir.

Flaming Gorge Reservoir – As of May 10, 2019, Flaming Gorge Reservoir's pool elevation is 6029.91 feet (88 percent of live capacity) and increasing. Inflow into Flaming Gorge Reservoir during the month of April was 197,774 af or 153 percent of average.

Average daily releases will likely remain at 1600 cfs through the end of May, or until the Larval Trigger Study Plan Razorback sucker spring peak releases are needed to supplement Yampa River peaks with a combined discharge of 18,600 cfs in Reach 2. The mean calendar date of the first capture of razorback sucker larvae (i.e., the "larval trigger") is May 28 (median May 27) and ranges from May 7 to June 24. Historically, 50% of first captures occurred between May 21 and June 2; 75 percent occurred between May 16 and June 4.

The April final forecast for unregulated inflows into Flaming Gorge for the next three months projects near average conditions: May, June July forecasted unregulated inflow volumes at 235,000 af (96 percent of average), 360,000 af (92 percent of average), and 215,000 af (102 percent of average), respectively.

Reclamation will be holding the Flaming Gorge Working Group meeting on August 15th at 10 a.m. in Price, Utah County Event Center (310 South Fairgrounds Road).

The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stakeholders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations and plans presented by Reclamation at these meetings. Meeting notes from past Working Group meetings are posted on the Working Group webpage. For more information on this group and these meetings please contact Dale Hamilton at 801-379-1186.

Aspinall Unit Reservoirs – As of May 6, 2019 releases from Crystal Dam are approximately 1,630 cfs. Uncompahgre Valley Water Users Association is diverting approximately 680 cfs through the Gunnison Tunnel and flows in the Black Canyon are about 950 cfs. Inflows to Blue Mesa have increased and Blue Mesa Reservoir elevation has increased about 20 feet over the past month and is currently 7458.3 feet above sea level. Storage in Blue Mesa Reservoir is currently 360,870 acre-feet which is 43 percent of full capacity.

The April unregulated inflow to Blue Mesa Reservoir was 121,280 af (157 percent of average). Unregulated Inflows to Blue Mesa for the next three months (May, June and July) are projected to be: 310,000 af (140 percent of average), 385,000 af (148 percent of average) and 215,000 af (183 percent of average), respectively. The May 24-Month Study is reflective of these new forecasts.

Current projections indicate Blue Mesa storage will steadily increase as spring runoff begins. Snowpack conditions in the Gunnison River Basin reached a peak that was well above normal at 143 percent of median above the Aspinall Unit. Current projections indicate Blue Mesa will nearly fill by late summer if current inflow forecasts come to fruition. The peak elevation for this water year will occur in or around late July and is projected to be about 7515 feet. The projected end of water year 2019 elevation of Blue Mesa is 7507.5 feet which corresponds to a live storage content of about 724,000 af (87 percent of full capacity).

During May and into June, releases from Aspinall will be made to achieve a spring peak flow in the Gunnison River as described in the Aspinall Record of Decision. This year, the peak flow target is likely to be 14,350 cfs measured at the Gunnison River streamgage located near Grand Junction, Colorado. Reclamation will attempt to maintain this peak flow target for 10 days if possible. It is not known if this peak magnitude or this duration will be possible given current hydrologic conditions and forecasted weather patterns. Timing of the ramp up and peaking operations is unknown at this time and will coincide with the peak flows of the North Fork of the Gunnison River. Typically, the North Fork of the Gunnison River peaks in the mid to late May timeframe. It is expected that higher than normal flows will occur in the Gunnison River between mid-May and possibly as late as mid-June.

The Aspinall Unit Working Group is an open public forum for information exchange between Reclamation and the stakeholders of the Aspinall Unit. The public is encouraged to attend and comments on the operations and plans presented by Reclamation at these

meetings. Meeting notes from past working Group meetings are posted on the Working Group webpage. For more information on this group and these meetings please contact Erik Knight in the Grand Junction Area Office at (970) 248-0629.

Meeting notes from past working Group meetings are posted on the Working Group webpage at:

https://www.usbr.gov/uc/wcao/water/rsvrs/mtgs/amcurrnt.html

The next meeting of the Aspinall Unit Working Group will be held on Tuesday, August 15, 2019 at 1:00 pm at the Elk Creek Visitor Center at Blue Mesa Reservoir.

Navajo Reservoir – As of May 6th, 2019, the daily average release rate from Navajo Dam is approximately 400 cfs while reservoir inflow is averaging approximately 3,370 cfs. The water surface elevation is 6043.59 feet above sea level and is steadily increasing. At this elevation the live storage is 1.15 maf (68 percent of live storage capacity) and the active storage is 0.490 maf (47 percent of active storage capacity). The river flow measured at the San Juan River at Four Corners USGS gage is 2,430 cfs. River flow at the Animas River at Farmington USGS gage is at 1,980 cfs.

Releases from Navajo Dam are made for authorized purposes of the Navajo Unit and are pursuant to the Record of Decision for the Navajo Reservoir Operations, Navajo Unit – San Juan River New Mexico, Colorado, Utah Final Environmental Impact Statement. Releases from Navajo Dam are managed to attempt to maintain a target base flow through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell). The San Juan River Basin Recovery Implementation Program (SJRIP) recommends a target base flow of between 500 cfs and 1,000 cfs through the critical habitat area. The target base flow is calculated as the weekly average of gaged flows throughout the critical habitat area.

Preliminary modified-unregulated inflow into Navajo (inflow adjusted for upstream change in storage, reservoir evaporation and exportation from the basin) in April was 230 kaf (135 percent of average for the month). SNOTEL sites above Navajo are at 143 percent of median for this day with 25.6 inches of SWE on average per site. The SWE above Navajo peaked at 29.9 inches (148 percent of historical median peak) on April 5th.

Forecast modified-unregulated inflow to Navajo over the next three months (May, June, and July) are projected to be: 345,000 af (125 percent of average), 290,000 af (130 percent of average), and 65,000 af (99 percent of average), respectively.

The April through July runoff forecasts are as follows:
Min Probable: 810,000 af (110 percent of average)
Most Probable: 930,000 af (126 percent of average)
Max Probable: 1,060,000 af (144 percent of average)

Based on current storage and long-term projections, Navajo is nearly certain to fill to at least 6050 ft and has a 70 percent chance of filling to at least 6060 ft in the spring of 2019. Based on the current Most Probable projection there are no plans for a spring peak release, though a short-duration maintenance release is being planned. This planned release will include a 5-7 day ramp up to 5,000 cfs, five days at 5,000 cfs, and a 3-day ramp back down to base release. The release timing will target the peak date on the Animas River. Most likely ramp-up will begin near the end of May, but a notice will be sent out a week prior to the start of the release.

Reclamation conducts Public Operations Meetings three times per year to gather input for determining upcoming operations for Navajo Reservoir. Input from individuals, organizations, and agencies along with other factors such as weather, water rights, endangered species requirements, flood control, hydro power, recreation, fish and wildlife management, and reservoir levels, will be considered in the development of these reservoir operation plans. In addition, the meetings are used to coordinate activities and exchange information among agencies, water users, and other interested parties concerning the San Juan River and Navajo Reservoir.

The next Navajo Unit Coordination Meeting will be held Tuesday, August 20th at 1pm at the Farmington Civic Center (200 West Arrington, Farmington, NM).

Glen Canyon Dam / Lake Powell

Current Status

The Department of the Interior is conducting the third experimental flow at Glen Canyon Dam since implementing its Long-Term Experimental and Management Plan (LTEMP). The goal is to provide enhanced habitat for the lifecycle of aquatic insects that are the primary food source for fish in the Colorado River.

Experiments under LTEMP consist of four different flow regimes: high flows, bug flows, trout management flows, and low summer flows. Collaborative discussions among technical experts resulted in a decision to begin this first experiment on May 1 and continue through August 31, 2019. It will slightly modify the schedule and flow rates of water releases from Lake Powell through Glen Canyon Dam, Arizona. The normally scheduled monthly and weekly release volumes will not be affected.

Flows during the experiment will include steady weekend water releases with routine hydropower production flows on weekdays that include normal hourly changes in release rates. Those steady weekend flows are expected to provide favorable conditions for aquatic insects to lay and cement their eggs to rocks, vegetation, and other materials near the river's edge. Steady weekend flows will be relatively low, within four inches of typical weekday low water levels. It is unlikely casual recreational river users will notice the changes in water levels.

Insects expected to benefit from this experiment are an important food source for many species of fish, birds, and bats in the canyon. Beyond expected resource benefits, this

experiment will also provide scientific information that will be used in future decision making.

The unregulated inflow in April was 1.24 thousand acre-feet (kaf) (118 percent of average). April precipitation in the Upper Colorado Basin was 105 percent of average. The release volume from Glen Canyon Dam in April was 720 kaf. The end of April elevation and storage of Lake Powell were 3,571.12 feet (128.88 feet from full pool) 9.20 maf (38 percent of full capacity).

Current Operations

The operating tier for water year 2019 was established in August 2018 as the Upper Elevation Balancing Tier. As described in the Interim Guidelines, under balancing, the contents of Lake Powell and Lake Mead are to be balanced by the end of the water year, but not more than 9.0 maf and not less than 8.23 maf is to be released from Lake Powell. Under this Tier the initial annual water year release volume is 8.23 maf, and the April 2019 24-Month Study projects the end of water year elevation at Lake Powell to be above 3,575 feet, and the end of water year elevation at Lake Mead to be below 1,075 feet. Lake Powell operations will shift to balancing releases for the remainder of water year 2019. Lake Powell is currently projected to release 9.0 maf in water year 2019; and this projection will be updated each month throughout the remainder of the water year.

In May, the release volume will be approximately 720 kaf, with fluctuations anticipated between about 10,095 cfs in the nighttime to about 15,077 cfs and consistent with the Glen Canyon Dam, Record of Decision on LTEMP (dated December, 2016). The anticipated release volume for June is 765 kaf with fluctuations anticipated between about 9,490 cfs in the nighttime to about 17,140 cfs.

In addition to daily scheduled fluctuations for power generation, the instantaneous releases from Glen Canyon Dam may also fluctuate to provide 40 megawatts (mw) of system regulation. These instantaneous release adjustments stabilize the electrical generation and transmission system and translate to a range of about 1,200 cfs above or below the hourly scheduled release rate. Under normal conditions, fluctuations for regulation are typically short lived and generally balance out over the hour with minimal or no noticeable impacts on downstream river flow conditions.

Releases from Glen Canyon Dam can also fluctuate beyond scheduled releases when called upon to respond to power system emergencies. Depending on the severity of the system emergency, the response from Glen Canyon Dam can be significant and within the full range of the operating capacity of the power plant for as long as is necessary to maintain balance in the transmission system. Glen Canyon Dam currently maintains 28 mw (approximately 800 cfs) of generation capacity in reserve in order to respond to a system emergency even when generation rates are already high. System emergencies occur fairly infrequently and typically require small responses from Glen Canyon Dam. However, these responses can have a noticeable impact on the river downstream of Glen Canyon Dam.

Inflow Forecasts and Model Projections

The forecast for water year 2019 unregulated inflow to Lake Powell, issued on May 1, 2019, by the Colorado Basin River Forecast Center, projects that the most probable (median) unregulated inflow volume this year will be 12.07 maf (111 percent of average). There is significant uncertainty regarding this season's snow pack development and resulting runoff into Lake Powell. Reclamation updates the minimum and maximum probable forecasts four times a year: January, April, August and October. The April forecast ranges from a minimum probable of 9.68 maf (89 percent of average) to a maximum probable of 15.26 maf (141 percent of average). There is a 10 percent chance that inflows could be higher than the current maximum probable forecast and a 10 percent chance that inflows could be lower than the minimum probable forecast.

Based on the current forecast, the May 24-Month Study projects Lake Powell elevation will end water year 2019 near 3,610.33 feet with approximately 12.76 maf in storage (54 percent of capacity). Note that projections of elevation and storage for water year 2019 have significant uncertainty at this point in the season. Projections of end of water year 2019 elevation and storage using the minimum and maximum probable inflow forecast from April 2019 are 3,590.25 feet (10.84 maf, 46 percent of capacity) and 3,632.38 feet (15.12 maf, 65 percent of capacity), respectively. Under these scenarios, there is a 10 percent chance that inflows will be higher, resulting in higher elevation and storage, and 10 percent chance that inflows will be lower, resulting in lower elevation and storage. The annual release volume from Lake Powell during water year 2019 is projected to be 9.0 maf under the May most probable scenario, and 9.0 maf under the April maximum and minimum probable inflow scenarios.

Upper Colorado River Basin Hydrology

Upper Colorado River Basin regularly experiences significant year to year hydrologic variability. During the 19-year period 2000 to 2018, however, the unregulated inflow to Lake Powell, which is a good measure of hydrologic conditions in the Colorado River Basin, was above average in only 4 out of the past 19 years. The period 2000-2018 is the lowest 19-year period since the closure of Glen Canyon Dam in 1963, with an average unregulated inflow of 8.54 maf, or 79 percent of the 30-year average (1981-2010). (For comparison, the 1981-2010 total water year average is 10.83 maf.) The unregulated inflow during the 2000-2018 period has ranged from a low of 2.64 maf (24 percent of average) in water year 2002 to a high of 15.97 maf (147 percent of average) in water year 2011. In water year 2018 unregulated inflow volume to Lake Powell was 4.6 maf (43 percent of average), the third driest year on record above 2002 and 1977. Under the current most probable forecast, the total water year 2019 unregulated inflow to Lake Powell is projected to be 12.07 maf (111 percent of average).

At the beginning of water year 2019, total system storage in the Colorado River Basin was 28.01 maf (47 percent of 59.6 maf total system capacity). This is a decrease of 4.91 maf over the total storage at the beginning of water year 2018 when total system storage was 32.92 maf (55 percent of capacity). Since the beginning of water year 2000, total Colorado Basin storage has experienced year to year increases and decreases in response to wet and dry hydrology, ranging from a high of 94 percent of capacity at the beginning of 2000 to the now current level of 47 percent of capacity at the beginning of water year

2019. Based on current inflow forecasts, the current projected end of water year total Colorado Basin reservoir storage for water year 2019 is approximately 30.74 maf (51 percent of total system capacity). The actual end of water year 2019 system storage may vary from this projection, primarily due to uncertainty regarding this season's runoff and reservoir inflow.

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-430
125 SOUTH STATE STREET, ROOM 8100
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-3709

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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:	Obs			apr	Forecast			Outlook	
:	jan	feb	mar	apr	%Avg	may	jun	jul	apr-jul %Avg
GLDA3:Lake Powell	212	255	624	1244	118%:	3000/	3600/	1360/	9200/: 128%
GBRW4:Fontenelle	28	26	37	114	133%:	166/	270/	190/	740/: 102%
GRNU1:Flaming Gorge	34	34	74	240	180%:	235/	360/	215/	1050/: 107%
BMDC2:Blue Mesa	19.9	20.0	28	121	157%:	310/	385/	154/	970/: 144%
MPSC2:Morrow Point	21	20	29	136	154%:	345/	415/	164/	1060/: 143%
CLSC2:Crystal	25	24	34	150	149%:	395/	460/	180/	1185/: 142%
TPIC2:Taylor Park	3.7	3.4	4.7	10.4	120%:	35/	59/	25/	129/: 130%
VCRC2:Vallecito	3.7	3.8	5.6	35	150%:	83/	103/	34/	255/: 131%
NVRN5:Navajo	13.2	17.6	114	230	135%:	345/	290/	65/	930/: 126%
LEMC2:Lemon	0.49	0.50	0.77	5.8	103%:	23/	29/	7/	65/: 118%

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2019 24-Month Study

Most Probable Inflow*

Fontenelle Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	May 2018	354	2	100	123	223	6494.84	260
H	Jun 2018	404	2	101	269	370	6499.18	292
I	Jul 2018	138	3	92	8	100	6503.79	327
S	Aug 2018	50	2	75	1	76	6500.10	299
T	Sep 2018	30	2	7	58	65	6495.11	262
	WY 2018	**1397**	**15**	**856**	**528**	**1382**		
O	Oct 2018	42	1	45	20	65	6491.62	238
R	Nov 2018	38	1	60	0	60	6488.29	216
I	Dec 2018	30	1	61	1	61	6483.19	184
C	Jan 2019	28	1	61	0	61	6476.81	150
A	Feb 2019	26	0	55	1	56	6470.41	120
L	Mar 2019	37	0	61	0	61	6464.13	95
*	Apr 2019	114	1	71	0	71	6474.10	137
	May 2019	166	1	97	0	97	6486.38	205
	Jun 2019	270	2	104	69	173	6500.10	300
	Jul 2019	190	3	101	47	148	6505.17	339
	Aug 2019	75	2	100	3	103	6501.30	309
	Sep 2019	45	2	38	63	101	6493.36	251
	WY 2019	**1061**	**15**	**855**	**203**	**1059**		
	Oct 2019	48	1	67	0	67	6490.32	230
	Nov 2019	42	1	60	0	60	6487.52	212
	Dec 2019	32	1	61	0	61	6482.67	182
	Jan 2020	30	1	61	0	61	6476.76	150
	Feb 2020	28	0	58	0	58	6470.17	120
	Mar 2020	53	0	64	0	64	6467.34	108
	Apr 2020	85	1	77	0	77	6469.18	116
	May 2020	164	1	82	0	82	6485.08	196
	Jun 2020	299	2	103	93	196	6499.74	297
	Jul 2020	178	3	101	34	136	6504.80	336
	Aug 2020	77	2	81	0	81	6503.93	329
	Sep 2020	46	2	20	75	95	6497.18	278
	WY 2020	**1081**	**15**	**836**	**203**	**1039**		
	Oct 2020	49	1	98	0	98	6489.76	227
	Nov 2020	42	1	60	0	60	6487.08	209
	Dec 2020	32	1	61	0	61	6482.16	179
	Jan 2021	30	1	61	0	61	6476.17	147
	Feb 2021	28	0	56	0	56	6469.95	119
	Mar 2021	53	0	69	0	69	6465.90	102
	Apr 2021	85	1	77	0	77	6467.80	110

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3092

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2019 24-Month Study

Most Probable Inflow*

Flaming Gorge Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	May 2018	422	290	8	163	6	169	133	6028.57	3294	572
H	Jun 2018	435	401	11	125	0	125	143	6035.09	3550	278
I	Jul 2018	140	102	14	120	0	120	142	6034.33	3519	141
S	Aug 2018	42	68	13	124	0	124	139	6032.67	3453	142
T	Sep 2018	17	52	11	119	0	119	136	6030.75	3378	132
	WY 2018	**1594**	**1580**	**82**	**1608**	**7**	**1616**				**2638**
O	Oct 2018	52	75	7	99	0	99	135	6029.99	3349	131
R	Nov 2018	41	63	4	93	0	93	133	6029.15	3316	121
I	Dec 2018	29	60	2	124	0	124	131	6027.49	3253	153
C	Jan 2019	34	68	2	124	0	124	129	6026.01	3198	154
A	Feb 2019	34	63	2	112	0	112	127	6024.69	3149	143
L	Mar 2019	74	99	3	58	0	58	128	6025.67	3185	125
*	Apr 2019	240	198	5	71	0	71	133	6028.79	3303	341
	May 2019	235	166	8	98	0	98	135	6030.29	3360	724
	Jun 2019	360	263	11	249	0	249	135	6030.37	3363	729
	Jul 2019	215	173	14	116	0	116	137	6031.44	3405	196
	Aug 2019	85	113	13	123	0	123	136	6030.88	3383	147
	Sep 2019	55	111	11	119	0	119	135	6030.40	3364	136
	WY 2019	**1455**	**1452**	**82**	**1385**	**0**	**1385**				**3102**
	Oct 2019	59	78	7	75	0	75	135	6030.31	3361	105
	Nov 2019	51	69	4	71	0	71	135	6030.16	3355	102
	Dec 2019	35	64	2	147	0	147	132	6028.04	3274	172
	Jan 2020	40	72	2	154	0	154	129	6025.89	3193	179
	Feb 2020	45	74	2	144	0	144	126	6024.03	3124	172
	Mar 2020	102	114	3	77	0	77	127	6024.91	3157	154
	Apr 2020	134	125	5	65	0	65	129	6026.34	3210	281
	May 2020	245	163	8	77	0	77	132	6028.33	3285	609
	Jun 2020	390	287	10	257	0	257	133	6028.82	3304	677
	Jul 2020	210	168	14	123	0	123	134	6029.62	3334	223
	Aug 2020	89	93	13	123	0	123	133	6028.56	3294	148
	Sep 2020	55	104	11	117	0	117	132	6027.96	3271	136
	WY 2020	**1454**	**1412**	**80**	**1430**	**0**	**1430**				**2957**
	Oct 2020	59	109	7	92	0	92	132	6028.19	3280	125
	Nov 2020	51	69	3	91	0	91	131	6027.54	3255	122
	Dec 2020	35	64	2	117	0	117	129	6026.15	3203	142
	Jan 2021	40	72	2	117	0	117	127	6024.93	3158	142
	Feb 2021	45	72	2	103	0	103	126	6024.08	3126	131
	Mar 2021	102	118	3	74	0	74	127	6025.17	3166	151
	Apr 2021	134	125	5	71	0	71	129	6026.44	3214	287

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2019 24-Month Study

Most Probable Inflow*

Taylor Park Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	May 2018	24	12	9318.33	84
H	Jun 2018	13	15	9317.29	82
I	Jul 2018	5	14	9311.71	73
S	Aug 2018	3	13	9305.51	63
T	Sep 2018	3	8	9301.71	58
	WY 2018	**88**	**108**		
O	Oct 2018	5	3	9302.60	59
R	Nov 2018	3	3	9302.61	59
I	Dec 2018	4	3	9302.74	59
C	Jan 2019	4	3	9302.92	59
A	Feb 2019	3	3	9303.16	60
L	Mar 2019	5	4	9303.75	60
*	Apr 2019	10	7	9306.14	64
	May 2019	35	14	9318.79	85
	Jun 2019	59	34	9330.00	106
	Jul 2019	25	24	9330.00	106
	Aug 2019	12	19	9326.52	99
	Sep 2019	8	18	9321.35	89
	WY 2019	**173**	**136**		
	Oct 2019	7	6	9321.77	90
	Nov 2019	5	5	9321.88	90
	Dec 2019	5	5	9321.60	90
	Jan 2020	4	5	9321.14	89
	Feb 2020	4	5	9320.65	88
	Mar 2020	4	5	9320.24	87
	Apr 2020	9	10	9319.55	86
	May 2020	28	14	9327.10	100
	Jun 2020	42	40	9327.97	102
	Jul 2020	20	24	9326.27	99
	Aug 2020	10	19	9321.70	90
	Sep 2020	7	18	9316.06	80
	WY 2020	**146**	**156**		
	Oct 2020	7	12	9313.20	75
	Nov 2020	5	5	9313.24	75
	Dec 2020	5	5	9312.93	75
	Jan 2021	4	5	9312.41	74
	Feb 2021	4	5	9311.84	73
	Mar 2021	4	10	9308.35	67
	Apr 2021	9	12	9306.23	64

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2019 24-Month Study

Most Probable Inflow*

Blue Mesa Reservoir

	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	May 2018	112	100	1	85	0	85	7480.90	513
H	Jun 2018	56	57	1	98	0	98	7475.06	471
I	Jul 2018	21	31	1	101	0	101	7464.43	399
S	Aug 2018	19	28	1	93	0	93	7453.77	334
T	Sep 2018	12	17	1	30	39	68	7444.44	282
	WY 2018	**433**	**453**	**7**	**856**	**39**	**895**		
O	Oct 2018	23	22	0	46	11	56	7437.59	248
R	Nov 2018	22	21	0	19	0	19	7438.08	250
I	Dec 2018	20	19	0	21	0	21	7437.82	249
C	Jan 2019	20	20	0	17	0	17	7438.40	252
A	Feb 2019	20	20	0	23	0	23	7437.59	248
L	Mar 2019	28	27	0	25	0	25	7438.01	250
*	Apr 2019	121	118	0	33	0	33	7453.91	335
	May 2019	310	289	1	176	0	176	7471.70	447
	Jun 2019	385	360	1	55	0	55	7510.62	751
	Jul 2019	154	153	2	85	0	85	7518.06	817
	Aug 2019	69	76	1	108	0	108	7514.38	784
	Sep 2019	50	60	1	103	0	103	7509.34	740
	WY 2019	**1221**	**1185**	**8**	**709**	**11**	**720**		
	Oct 2019	46	46	1	71	0	71	7506.26	714
	Nov 2019	34	34	0	55	0	55	7503.74	692
	Dec 2019	26	26	0	110	0	110	7493.44	608
	Jan 2020	24	25	0	58	0	58	7489.22	575
	Feb 2020	22	23	0	35	0	35	7487.73	564
	Mar 2020	36	37	0	37	0	37	7487.68	563
	Apr 2020	77	78	1	56	0	56	7490.45	585
	May 2020	221	207	1	205	41	246	7485.23	545
	Jun 2020	261	259	1	50	0	50	7510.84	753
	Jul 2020	117	120	2	78	0	78	7515.48	794
	Aug 2020	63	72	1	87	0	87	7513.70	778
	Sep 2020	38	48	1	86	0	86	7509.21	739
	WY 2020	**967**	**976**	**9**	**928**	**41**	**968**		
	Oct 2020	38	43	1	59	0	59	7507.32	723
	Nov 2020	31	31	0	57	0	57	7504.22	696
	Dec 2020	26	26	0	110	0	110	7493.95	612
	Jan 2021	24	25	0	67	0	67	7488.60	571
	Feb 2021	22	23	0	33	0	33	7487.33	561
	Mar 2021	36	42	0	0	29	29	7488.91	573
	Apr 2021	77	80	1	0	57	57	7491.87	596

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2019 24-Month Study

Most Probable Inflow*

Morrow Point Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	May 2018	121	85	8	94	94	0	94	7153.76	112
H	Jun 2018	57	98	2	99	99	0	99	7154.16	112
I	Jul 2018	22	101	1	102	101	0	101	7155.49	113
S	Aug 2018	19	93	0	93	94	0	94	7153.96	112
T	Sep 2018	14	68	2	70	84	0	84	7135.77	98
	WY 2018	**460**	**895**	**27**	**922**	**935**	**0**	**937**		
O	Oct 2018	24	56	1	57	56	0	56	7136.92	99
R	Nov 2018	23	19	1	20	13	0	15	7143.47	104
I	Dec 2018	21	21	1	22	18	0	18	7147.95	107
C	Jan 2019	21	17	1	17	18	0	18	7147.00	107
A	Feb 2019	20	23	0	24	23	0	23	7147.57	107
L	Mar 2019	29	25	1	26	26	0	26	7146.90	107
*	Apr 2019	136	33	15	47	41	0	41	7155.16	113
	May 2019	345	176	35	211	212	0	212	7153.73	112
	Jun 2019	415	55	30	85	85	0	85	7153.73	112
	Jul 2019	164	85	10	95	95	0	95	7153.73	112
	Aug 2019	71	108	2	110	110	0	110	7153.73	112
	Sep 2019	52	103	2	105	105	0	105	7153.73	112
	WY 2019	**1320**	**720**	**100**	**819**	**803**	**0**	**805**		
	Oct 2019	48	71	2	73	73	0	73	7153.73	112
	Nov 2019	36	55	2	57	57	0	57	7153.73	112
	Dec 2019	28	110	2	112	112	0	112	7153.73	112
	Jan 2020	27	58	2	60	60	0	60	7153.73	112
	Feb 2020	25	35	3	37	37	0	37	7153.73	112
	Mar 2020	40	37	4	41	41	0	41	7153.73	112
	Apr 2020	88	56	11	67	67	0	67	7153.73	112
	May 2020	247	246	26	272	272	0	272	7153.73	112
	Jun 2020	281	50	20	70	70	0	70	7153.73	112
	Jul 2020	123	78	6	84	84	0	84	7153.73	112
	Aug 2020	67	87	3	90	90	0	90	7153.73	112
	Sep 2020	41	86	3	89	89	0	89	7153.73	112
	WY 2020	**1051**	**968**	**84**	**1053**	**1053**	**0**	**1053**		
	Oct 2020	41	59	3	61	61	0	61	7153.73	112
	Nov 2020	33	57	2	59	59	0	59	7153.73	112
	Dec 2020	28	110	2	112	112	0	112	7153.73	112
	Jan 2021	27	67	2	69	69	0	69	7153.73	112
	Feb 2021	25	33	3	35	35	0	35	7153.73	112
	Mar 2021	40	29	4	33	33	0	33	7153.73	112
	Apr 2021	88	57	11	68	68	0	68	7153.73	112

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2019 24-Month Study

Most Probable Inflow*

Crystal Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
*	May 2018	129	94	9	102	102	0	102	6749.41	16	62	39
H	Jun 2018	61	99	3	102	102	0	102	6750.48	16	63	42
I	Jul 2018	24	101	2	103	103	0	103	6750.59	16	64	41
S	Aug 2018	21	94	2	96	98	0	98	6744.83	15	65	36
T	Sep 2018	15	84	1	85	87	0	87	6737.22	13	59	33
	WY 2018	**505**	**937**	**45**	**982**	**959**	**26**	**985**			**438**	**553**
O	Oct 2018	27	56	3	59	55	0	55	6751.87	17	33	24
R	Nov 2018	26	15	4	19	21	0	21	6743.11	14	1	19
I	Dec 2018	25	18	4	22	21	0	22	6745.32	15	0	20
C	Jan 2019	25	18	4	22	19	3	22	6746.57	15	1	20
A	Feb 2019	24	23	3	27	9	17	26	6748.26	16	1	25
L	Mar 2019	34	26	5	32	30	0	30	6752.77	17	0	29
*	Apr 2019	150	41	15	55	55	0	55	6753.29	17	26	29
	May 2019	395	212	50	262	134	128	262	6753.04	17	62	200
	Jun 2019	460	85	45	130	130	0	130	6753.04	17	61	69
	Jul 2019	180	95	16	111	111	0	111	6753.04	17	65	46
	Aug 2019	78	110	7	117	117	0	117	6753.04	17	65	52
	Sep 2019	60	105	8	113	113	0	113	6753.04	17	55	58
	WY 2019	**1484**	**805**	**163**	**969**	**815**	**149**	**964**			**370**	**591**
	Oct 2019	56	73	7	81	81	0	81	6753.04	17	30	51
	Nov 2019	42	57	5	62	62	0	62	6753.04	17	0	62
	Dec 2019	32	112	5	117	117	0	117	6753.04	17	0	117
	Jan 2020	31	60	5	65	65	0	65	6753.04	17	0	65
	Feb 2020	29	37	4	41	0	41	41	6753.04	17	0	41
	Mar 2020	46	41	6	47	47	0	47	6753.04	17	5	42
	Apr 2020	101	67	12	80	80	0	80	6753.04	17	42	38
	May 2020	281	272	34	306	134	172	306	6753.04	17	62	244
	Jun 2020	315	70	34	103	103	0	103	6753.04	17	61	42
	Jul 2020	138	84	14	98	98	0	98	6753.04	17	65	33
	Aug 2020	75	90	8	98	98	0	98	6753.04	17	65	33
	Sep 2020	47	89	6	95	95	0	95	6753.04	17	55	40
	WY 2020	**1192**	**1053**	**141**	**1194**	**981**	**213**	**1194**			**385**	**809**
	Oct 2020	47	61	6	67	67	0	67	6753.04	17	30	37
	Nov 2020	38	59	5	64	64	0	64	6753.04	17	0	64
	Dec 2020	32	112	5	117	117	0	117	6753.04	17	0	117
	Jan 2021	31	69	5	74	74	0	74	6753.04	17	0	74
	Feb 2021	29	35	4	39	39	0	39	6753.04	17	0	39
	Mar 2021	46	33	6	39	39	0	39	6753.04	17	5	34
	Apr 2021	101	68	12	80	80	0	80	6753.04	17	42	38

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3092

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2019 24-Month Study

Most Probable Inflow*

Vallecito Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	May 2018	30	31	7648.91	84
H	Jun 2018	14	35	7639.22	63
I	Jul 2018	8	35	7624.15	35
S	Aug 2018	5	19	7613.87	22
T	Sep 2018	3	4	7613.06	21
	WY 2018	**102**	**153**		
O	Oct 2018	9	3	7617.56	26
R	Nov 2018	5	0	7621.25	31
I	Dec 2018	3	0	7623.31	34
C	Jan 2019	4	0	7625.50	37
A	Feb 2019	4	0	7627.67	41
L	Mar 2019	6	6	7627.39	40
*	Apr 2019	32	25	7631.32	47
	May 2019	83	44	7649.39	86
	Jun 2019	103	64	7664.64	124
	Jul 2019	34	43	7661.06	115
	Aug 2019	20	38	7653.93	97
	Sep 2019	17	30	7648.59	84
	WY 2019	**320**	**254**		
	Oct 2019	15	17	7647.72	82
	Nov 2019	9	3	7650.25	88
	Dec 2019	6	2	7652.07	92
	Jan 2020	5	2	7653.48	95
	Feb 2020	5	2	7654.64	98
	Mar 2020	9	2	7657.23	105
	Apr 2020	23	4	7664.52	124
	May 2020	71	71	7664.53	124
	Jun 2020	70	70	7664.35	124
	Jul 2020	29	41	7659.43	111
	Aug 2020	20	38	7652.18	92
	Sep 2020	17	29	7647.11	80
	WY 2020	**281**	**280**		
	Oct 2020	16	16	7646.67	79
	Nov 2020	9	2	7649.30	85
	Dec 2020	6	2	7651.14	90
	Jan 2021	5	2	7652.56	93
	Feb 2021	5	2	7653.76	96
	Mar 2021	9	2	7656.36	103
	Apr 2021	23	2	7664.43	124

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2019 24-Month Study

Most Probable Inflow*

Navajo Reservoir

	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azetea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Farmington Flow (1000 Ac-Ft)
*	May 2018	88	16	71	3	36	32	6049.80	1223	64
H	Jun 2018	6	3	24	4	42	42	6044.23	1159	50
I	Jul 2018	-9	0	18	4	42	51	6036.94	1080	56
S	Aug 2018	-7	0	7	3	42	51	6028.27	991	49
T	Sep 2018	2	0	3	2	27	46	6020.80	919	43
	WY 2018	**268**	**36**	**283**	**24**	**224**	**405**			**533**
O	Oct 2018	23	1	17	1	7	31	6018.35	897	39
R	Nov 2018	15	0	10	1	0	18	6017.43	888	34
I	Dec 2018	12	0	9	0	0	18	6016.39	879	31
C	Jan 2019	13	0	10	0	0	19	6015.33	869	32
A	Feb 2019	17	0	14	1	1	16	6014.90	865	36
L	Mar 2019	114	1	113	1	4	18	6024.61	955	57
*	Apr 2019	230	24	203	2	20	20	6040.36	1117	103
	May 2019	345	47	259	3	35	22	6057.40	1315	212
	Jun 2019	290	39	212	4	52	106	6061.27	1364	303
	Jul 2019	65	5	69	4	57	31	6059.52	1342	101
	Aug 2019	54	3	68	4	48	31	6058.43	1328	70
	Sep 2019	52	3	61	3	26	30	6058.61	1330	61
	WY 2019	**1231**	**124**	**1045**	**25**	**250**	**360**			**1081**
	Oct 2019	53	2	53	2	10	31	6059.49	1341	58
	Nov 2019	36	0	29	1	0	30	6059.39	1340	48
	Dec 2019	25	0	21	1	0	31	6058.53	1329	46
	Jan 2020	22	0	18	1	0	31	6057.49	1316	44
	Feb 2020	30	0	27	1	0	29	6057.27	1314	41
	Mar 2020	92	9	77	2	6	31	6060.37	1352	53
	Apr 2020	170	21	130	3	21	30	6066.21	1429	82
	May 2020	277	37	240	4	36	178	6067.85	1451	324
	Jun 2020	224	29	195	4	53	260	6058.50	1329	411
	Jul 2020	66	5	74	4	57	37	6056.57	1305	104
	Aug 2020	45	2	61	3	48	31	6054.85	1284	69
	Sep 2020	43	2	53	3	26	30	6054.44	1279	62
	WY 2020	**1084**	**106**	**978**	**27**	**256**	**746**			**1343**
	Oct 2020	47	2	46	2	9	31	6054.78	1283	59
	Nov 2020	34	0	27	1	0	30	6054.47	1279	48
	Dec 2020	25	0	21	1	0	31	6053.58	1268	46
	Jan 2021	22	0	18	1	0	31	6052.50	1255	44
	Feb 2021	30	0	27	1	0	28	6052.35	1253	40
	Mar 2021	92	9	77	2	6	31	6055.56	1292	53
	Apr 2021	170	21	128	2	22	30	6061.48	1367	82

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2019 24-Month Study

Most Probable Inflow*

Lake Powell

	Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry Gage (1000 Ac-Ft)
*	May 2018	1214	968	29	705	0	705	3611.54	5085	12886	730
H	Jun 2018	883	635	45	760	0	760	3609.98	5072	12728	781
I	Jul 2018	123	252	53	860	0	860	3603.80	5023	12116	877
S	Aug 2018	11	260	50	900	0	900	3597.12	4972	11477	911
T	Sep 2018	1	230	45	670	0	670	3592.28	4936	11028	690
	WY 2018	**4612**	**5459**	**386**	**9000**	**0**	**9000**				**9158**
O	Oct 2018	351	477	30	625	0	625	3590.46	4923	10862	650
R	Nov 2018	254	307	29	585	77	662	3586.50	4894	10507	669
I	Dec 2018	228	322	22	740	0	740	3581.85	4862	10099	744
C	Jan 2019	212	303	7	804	0	804	3576.34	4824	9629	815
A	Feb 2019	255	339	7	730	0	730	3571.89	4795	9261	741
L	Mar 2019	624	573	11	790	0	790	3569.28	4778	9049	797
*	Apr 2019	1244	899	18	720	0	720	3571.12	4790	9198	724
	May 2019	3000	2490	23	720	0	720	3589.94	4919	10815	731
	Jun 2019	3600	3066	42	765	0	765	3611.75	5086	12907	776
	Jul 2019	1360	1218	55	860	0	860	3614.50	5109	13188	879
	Aug 2019	550	655	55	900	0	900	3611.78	5087	12910	917
	Sep 2019	450	575	50	683	0	683	3610.33	5075	12764	697
	WY 2019	**12129**	**11225**	**350**	**8923**	**77**	**9000**				**9141**
	Oct 2019	547	577	34	640	0	640	3609.43	5068	12673	650
	Nov 2019	489	524	33	640	0	640	3608.06	5057	12536	641
	Dec 2019	363	565	26	720	0	720	3606.36	5043	12368	726
	Jan 2020	361	517	8	860	0	860	3603.04	5017	12043	871
	Feb 2020	393	503	9	750	0	750	3600.59	4998	11806	759
	Mar 2020	665	593	14	800	0	800	3598.44	4982	11602	814
	Apr 2020	1056	868	23	710	0	710	3599.76	4992	11727	725
	May 2020	2343	2173	28	710	0	710	3613.21	5098	13056	721
	Jun 2020	2666	2440	48	750	0	750	3627.51	5220	14576	761
	Jul 2020	1091	997	61	850	0	850	3628.23	5226	14655	869
	Aug 2020	500	593	60	900	0	900	3625.14	5199	14315	917
	Sep 2020	408	533	55	670	0	670	3623.50	5185	14137	684
	WY 2020	**10882**	**10883**	**400**	**9000**	**0**	**9000**				**9138**
	Oct 2020	512	561	38	640	0	640	3622.50	5176	14029	650
	Nov 2020	473	535	36	640	0	640	3621.28	5166	13899	641
	Dec 2020	363	535	29	720	0	720	3619.41	5150	13701	726
	Jan 2021	361	489	9	860	0	860	3616.05	5122	13349	871
	Feb 2021	393	460	9	750	0	750	3613.36	5099	13072	759
	Mar 2021	665	583	16	800	0	800	3611.24	5082	12856	814
	Apr 2021	1056	875	25	710	0	710	3612.52	5093	12985	725

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2019 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Glen Release (1000 Ac-Ft)	Side Inflow Glen to Hoover (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	May 2018	705	21	44	1055	17.1	27	1054	651	1080.00	10011
H	Jun 2018	760	27	53	986	16.6	28	985	634	1076.81	9748
I	Jul 2018	860	106	65	820	13.3	27	819	637	1077.43	9799
S	Aug 2018	900	74	70	749	12.2	28	748	645	1078.88	9918
T	Sep 2018	670	84	58	725	12.2	24	723	642	1078.29	9870
	WY 2018	**9000**	**690**	**541**	**9240**		**241**	**9237**			
O	Oct 2018	625	100	42	641	10.4	23	634	643	1078.52	9889
R	Nov 2018	662	67	42	690	11.6	16	689	642	1078.32	9872
I	Dec 2018	740	52	36	468	7.6	11	467	659	1081.46	10132
C	Jan 2019	804	106	30	487	7.9	8	486	682	1085.75	10493
A	Feb 2019	730	126	28	621	11.2	6	620	694	1087.97	10682
L	Mar 2019	790	201	32	738	12.0	13	737	707	1090.24	10878
*	Apr 2019	720	117	39	902	15.2	14	901	700	1088.95	10767
	May 2019	720	30	45	981	16.0	36	981	681	1085.51	10473
	Jun 2019	765	17	54	925	15.5	36	925	666	1082.91	10254
	Jul 2019	860	80	67	840	13.7	39	840	666	1082.84	10248
	Aug 2019	900	100	71	820	13.3	36	820	671	1083.66	10316
	Sep 2019	683	91	59	746	12.5	29	746	667	1082.98	10260
	WY 2019	**9000**	**1087**	**546**	**8858**		**268**	**8844**			
	Oct 2019	640	82	43	504	8.2	31	504	676	1084.58	10394
	Nov 2019	640	54	43	687	11.5	23	687	672	1083.92	10339
	Dec 2019	720	51	37	631	10.3	19	631	677	1084.87	10418
	Jan 2020	860	83	31	593	9.6	11	593	696	1088.27	10708
	Feb 2020	750	91	28	682	11.8	10	682	703	1089.59	10822
	Mar 2020	800	57	32	1007	16.4	20	1007	691	1087.38	10632
	Apr 2020	710	49	39	1081	18.2	24	1081	668	1083.11	10270
	May 2020	710	30	44	1021	16.6	33	1021	646	1079.07	9934
	Jun 2020	750	17	52	944	15.9	33	944	630	1076.05	9687
	Jul 2020	850	80	65	854	13.9	36	854	628	1075.76	9663
	Aug 2020	900	100	69	751	12.2	33	751	637	1077.45	9801
	Sep 2020	670	91	57	736	12.4	26	736	633	1076.78	9746
	WY 2020	**9000**	**784**	**541**	**9490**		**300**	**9490**			
	Oct 2020	640	82	42	500	8.1	28	500	643	1078.52	9888
	Nov 2020	640	54	42	624	10.5	20	624	643	1078.62	9897
	Dec 2020	720	51	36	585	9.5	16	585	652	1080.15	10023
	Jan 2021	860	83	30	593	9.6	11	593	670	1083.62	10313
	Feb 2021	750	91	28	678	12.2	10	678	678	1085.01	10431
	Mar 2021	800	57	31	1007	16.4	20	1007	666	1082.77	10242
	Apr 2021	710	49	38	1081	18.2	24	1081	642	1078.42	9881

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2019 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	May 2018	1055	-11	22	1001	0	1001	16.3	643.17	1703
H	Jun 2018	986	-21	26	909	0	909	15.3	644.29	1734
I	Jul 2018	820	-6	26	827	0	827	13.4	642.91	1696
S	Aug 2018	749	-13	23	730	0	730	11.9	642.29	1679
T	Sep 2018	725	-11	18	814	0	814	13.7	637.87	1561
	WY 2018	**9240**	**-103**	**198**	**8981**	**0**	**8981**			
O	Oct 2018	641	-11	15	635	0	635	10.3	637.08	1540
R	Nov 2018	690	-28	11	610	0	610	10.3	638.62	1581
I	Dec 2018	468	-14	9	386	0	386	6.3	640.79	1639
C	Jan 2019	487	-29	10	418	0	418	6.8	641.89	1668
A	Feb 2019	621	-6	10	569	0	569	10.2	643.20	1704
L	Mar 2019	738	7	13	749	0	749	12.2	642.57	1687
*	Apr 2019	902	0	17	886	0	886	14.9	642.52	1686
	May 2019	981	-11	22	934	0	934	15.2	643.00	1699
	Jun 2019	925	-16	25	883	0	883	14.8	643.00	1699
	Jul 2019	840	-12	25	830	0	830	13.5	642.00	1671
	Aug 2019	820	-11	23	786	0	786	12.8	642.00	1671
	Sep 2019	746	-12	18	769	0	769	12.9	640.01	1618
	WY 2019	**8858**	**-145**	**198**	**8457**	**0**	**8457**			
	Oct 2019	504	-4	15	669	0	669	10.9	633.00	1434
	Nov 2019	687	-19	10	607	0	607	10.2	635.00	1486
	Dec 2019	631	-12	9	512	0	512	8.3	638.71	1583
	Jan 2020	593	-16	10	483	0	483	7.9	641.80	1666
	Feb 2020	682	-13	10	658	0	658	11.4	641.80	1666
	Mar 2020	1007	-15	13	944	0	944	15.4	643.05	1700
	Apr 2020	1081	-17	17	1049	0	1049	17.6	643.00	1699
	May 2020	1021	-11	22	987	0	987	16.1	643.00	1699
	Jun 2020	944	-16	25	903	0	903	15.2	643.00	1699
	Jul 2020	854	-12	25	844	0	844	13.7	642.00	1671
	Aug 2020	751	-11	23	717	0	717	11.7	642.00	1671
	Sep 2020	736	-12	18	759	0	759	12.8	640.01	1618
	WY 2020	**9490**	**-159**	**197**	**9133**	**0**	**9133**			
	Oct 2020	500	-4	15	665	0	665	10.8	633.00	1434
	Nov 2020	624	-19	10	543	0	543	9.1	635.00	1486
	Dec 2020	585	-12	9	466	0	466	7.6	638.71	1583
	Jan 2021	593	-16	10	484	0	484	7.9	641.80	1666
	Feb 2021	678	-13	10	654	0	654	11.8	641.80	1666
	Mar 2021	1007	-15	13	944	0	944	15.4	643.05	1700
	Apr 2021	1081	-17	17	1050	0	1050	17.6	643.00	1699

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2019 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	May 2018	1001	10	13	697	11.3	87	178	448.51	590	124	2.0
H	Jun 2018	909	6	15	712	12.0	91	88	448.43	588	131	2.2
I	Jul 2018	827	20	17	656	10.7	101	72	448.00	580	133	2.2
S	Aug 2018	730	22	17	611	9.9	99	22	447.53	571	104	1.7
T	Sep 2018	814	9	15	512	8.6	95	164	448.95	598	94	1.6
	WY 2018	**8981**	**100**	**139**	**6479**		**910**	**1431**			**1500**	
O	Oct 2018	635	23	12	394	6.4	86	176	448.12	582	68	1.1
R	Nov 2018	610	16	9	357	6.0	85	173	447.99	580	97	1.6
I	Dec 2018	386	26	7	218	3.5	70	143	446.53	552	105	1.7
C	Jan 2019	418	19	6	250	4.1	87	91	446.58	553	122	2.0
A	Feb 2019	569	13	8	372	6.7	31	151	447.53	571	143	2.6
L	Mar 2019	749	-5	9	630	10.2	11	83	447.86	577	185	3.0
*	Apr 2019	886	6	11	712	12.0	28	144	447.29	567	170	2.9
	May 2019	934	13	13	701	11.4	43	155	448.50	589	135	2.2
	Jun 2019	883	11	15	731	12.3	62	73	448.50	589	140	2.3
	Jul 2019	830	19	17	683	11.1	71	75	448.00	580	138	2.2
	Aug 2019	786	20	17	612	9.9	67	108	447.50	571	110	1.8
	Sep 2019	769	14	15	515	8.6	64	180	447.50	570	100	1.7
	WY 2019	**8457**	**175**	**140**	**6173**		**703**	**1551**			**1512**	
	Oct 2019	669	24	12	468	7.6	20	186	447.50	571	63	1.0
	Nov 2019	607	14	9	383	6.4	44	179	447.50	571	97	1.6
	Dec 2019	512	22	7	311	5.1	45	185	446.50	552	104	1.7
	Jan 2020	483	18	6	265	4.3	105	121	446.50	552	125	2.0
	Feb 2020	658	11	8	435	7.6	99	121	446.50	552	152	2.6
	Mar 2020	944	5	9	711	11.6	28	189	446.70	555	192	3.1
	Apr 2020	1049	12	11	733	12.3	85	184	448.70	593	178	3.0
	May 2020	987	13	13	698	11.4	87	189	448.70	593	119	1.9
	Jun 2020	903	11	16	721	12.1	85	79	448.70	593	127	2.1
	Jul 2020	844	19	17	681	11.1	87	79	448.00	580	135	2.2
	Aug 2020	717	20	17	601	9.8	87	29	447.50	571	104	1.7
	Sep 2020	759	14	15	511	8.6	85	152	447.50	570	96	1.6
	WY 2020	**9133**	**182**	**139**	**6518**		**858**	**1693**			**1491**	
	Oct 2020	665	24	12	488	7.9	41	141	447.50	571	65	1.1
	Nov 2020	543	14	9	362	6.1	40	141	447.50	571	99	1.7
	Dec 2020	466	22	7	314	5.1	41	141	446.50	552	109	1.8
	Jan 2021	484	18	6	265	4.3	106	121	446.50	552	125	2.0
	Feb 2021	654	11	8	435	7.8	96	121	446.50	552	152	2.7
	Mar 2021	944	5	9	710	11.5	29	189	446.70	555	192	3.1
	Apr 2021	1050	12	11	732	12.3	86	184	448.70	593	178	3.0

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3092

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2019 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	May 2018	1055	17.1	1080.00	10011	-376	432.39	1385.9	412.1	88	390.8
H	Jun 2018	986	16.6	1076.81	9748	-263	428.91	1552.0	378.6	100	384.1
I	Jul 2018	820	13.3	1077.43	9799	51	432.34	1552.0	313.2	100	382.0
S	Aug 2018	749	12.2	1078.88	9918	119	435.01	1562.0	287.4	100	383.8
T	Sep 2018	725	12.2	1078.29	9870	-49	434.15	1562.0	278.7	100	384.7
	WY 2018	**9240**							**3614.3**		
O	Oct 2018	641	10.4	1078.52	9889	19	435.29	1406.1	247.8	87	386.7
R	Nov 2018	690	11.6	1078.32	9872	-16	434.47	755.0	266.1	49	385.8
I	Dec 2018	453	7.6	1081.46	10132	260	438.59	959.9	179.6	61	396.6
C	Jan 2019	487	7.9	1085.75	10493	361	442.10	1006.1	183.4	63	376.8
A	Feb 2019	621	11.2	1087.97	10682	189	443.82	1119.0	246.4	70	396.7
L	Mar 2019	738	12.0	1090.24	10878	195	444.26	1112.0	295.7	70	400.6
*	Apr 2019	902	15.2	1088.95	10767	-111	439.99	810.1	365.4	51	405.2
	May 2019	981	16.0	1085.51	10473	-294	439.17	803.9	408.2	51	416.0
	Jun 2019	925	15.5	1082.91	10254	-219	430.70	1576.0	360.8	100	390.0
	Jul 2019	840	13.7	1082.84	10248	-6	429.70	1576.0	329.1	100	391.8
	Aug 2019	820	13.3	1083.66	10316	69	430.39	1591.0	320.8	100	391.5
	Sep 2019	746	12.5	1082.98	10260	-57	431.11	1576.0	290.6	100	389.6
	WY 2019	**8843**							**3493.8**		
	Oct 2019	504	8.2	1084.58	10394	134	435.17	1395.9	198.4	88	393.3
	Nov 2019	687	11.5	1083.92	10339	-55	439.35	1185.0	272.6	74	396.6
	Dec 2019	631	10.3	1084.87	10418	79	437.53	1206.1	249.2	75	395.0
	Jan 2020	593	9.6	1088.27	10708	290	438.09	1121.0	233.2	70	393.5
	Feb 2020	682	11.8	1089.59	10822	114	439.56	1118.0	272.3	68	399.5
	Mar 2020	1007	16.4	1087.38	10632	-190	437.40	1297.0	399.0	81	396.2
	Apr 2020	1081	18.2	1083.11	10270	-362	434.06	1241.9	432.3	78	399.8
	May 2020	1021	16.6	1079.07	9934	-337	427.60	1562.0	391.5	100	383.4
	Jun 2020	944	15.9	1076.05	9687	-247	424.11	1539.0	363.5	100	385.0
	Jul 2020	854	13.9	1075.76	9663	-24	422.79	1539.0	329.7	100	386.2
	Aug 2020	751	12.2	1077.45	9801	138	423.81	1552.0	287.0	100	382.1
	Sep 2020	736	12.4	1076.78	9746	-55	424.96	1552.0	282.2	100	383.6
	WY 2020	**9490**							**3710.8**		
	Oct 2020	500	8.1	1078.52	9888	142	429.08	1367.0	194.1	88	388.3
	Nov 2020	624	10.5	1078.62	9897	8	433.70	1160.9	245.0	74	393.0
	Dec 2020	585	9.5	1080.15	10023	127	432.55	1181.4	226.5	75	387.4
	Jan 2021	593	9.6	1083.62	10313	290	433.43	1104.9	231.1	70	389.8
	Feb 2021	678	12.2	1085.01	10431	118	434.97	1091.8	269.0	68	397.0
	Mar 2021	1007	16.4	1082.77	10242	-189	432.84	1274.5	394.8	81	392.1
	Apr 2021	1081	18.2	1078.42	9881	-361	429.44	1215.8	427.8	78	395.6

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3092

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2019 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	May 2018	1001	16.3	643.17	1703	21	141.89	204.0	126.2	80	126.1
H	Jun 2018	909	15.3	644.29	1734	31	143.00	255.0	115.0	100	126.6
I	Jul 2018	827	13.4	642.91	1696	-38	141.79	255.0	105.3	100	127.4
S	Aug 2018	730	11.9	642.29	1679	-17	141.02	255.0	92.7	100	127.1
T	Sep 2018	814	13.7	637.87	1561	-119	136.59	255.0	101.2	100	124.3
	WY 2018	**8981**							**1126.3**		
O	Oct 2018	635	10.3	637.08	1540	-21	135.95	184.3	77.8	72	122.4
R	Nov 2018	610	10.3	638.62	1581	40	137.20	158.1	78.4	62	128.4
I	Dec 2018	386	6.3	640.79	1639	58	140.00	153.0	47.3	60	122.5
C	Jan 2019	418	6.8	641.89	1668	30	143.26	159.6	56.8	63	135.8
A	Feb 2019	569	10.2	643.20	1704	36	144.69	209.5	68.8	82	120.9
L	Mar 2019	749	12.2	642.57	1687	-17	140.17	218.8	94.8	86	126.6
*	Apr 2019	886	14.9	642.52	1686	-1	142.03	210.8	111.9	83	126.3
	May 2019	934	15.2	643.00	1699	13	138.94	238.6	117.0	94	125.2
	Jun 2019	883	14.8	643.00	1699	0	139.31	255.0	110.9	100	125.5
	Jul 2019	830	13.5	642.00	1671	-27	139.29	255.0	104.2	100	125.5
	Aug 2019	786	12.8	642.00	1671	0	139.05	255.0	98.4	100	125.3
	Sep 2019	769	12.9	640.01	1618	-54	138.00	255.0	95.6	100	124.3
	WY 2019	**8457**							**1061.8**		
	Oct 2019	669	10.9	633.00	1434	-183	134.29	208.9	81.0	82	121.0
	Nov 2019	607	10.2	635.00	1486	51	132.07	153.0	72.2	60	119.0
	Dec 2019	512	8.3	638.71	1583	97	135.71	200.7	62.6	79	122.3
	Jan 2020	483	7.9	641.80	1666	83	139.32	179.3	60.7	70	125.5
	Feb 2020	658	11.4	641.80	1666	0	139.36	189.9	82.7	74	125.6
	Mar 2020	944	15.4	643.05	1700	34	138.55	255.0	117.9	100	124.8
	Apr 2020	1049	17.6	643.00	1699	-1	138.40	255.0	130.8	100	124.7
	May 2020	987	16.1	643.00	1699	0	138.89	255.0	123.5	100	125.1
	Jun 2020	903	15.2	643.00	1699	0	139.19	255.0	113.2	100	125.4
	Jul 2020	844	13.7	642.00	1671	-27	139.20	255.0	105.9	100	125.4
	Aug 2020	717	11.7	642.00	1671	0	139.48	255.0	90.1	100	125.7
	Sep 2020	759	12.8	640.01	1618	-54	138.07	255.0	94.4	100	124.4
	WY 2020	**9133**							**1134.9**		
	Oct 2020	665	10.8	633.00	1434	-183	134.32	208.9	80.5	82	121.0
	Nov 2020	543	9.1	635.00	1486	51	132.51	153.0	64.8	60	119.4
	Dec 2020	466	7.6	638.71	1583	97	136.05	200.7	57.1	79	122.6
	Jan 2021	484	7.9	641.80	1666	83	139.32	179.3	60.7	70	125.5
	Feb 2021	654	11.8	641.80	1666	0	139.23	189.4	82.1	74	125.4
	Mar 2021	944	15.4	643.05	1700	34	138.55	255.0	117.9	100	124.8
	Apr 2021	1050	17.6	643.00	1699	-1	138.40	255.0	130.9	100	124.7

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2019 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	May 2018	697	11.3	448.51	590	26	82.36	120.0	48.5	100	69.6
H	Jun 2018	712	12.0	448.43	588	-1	80.33	120.0	49.7	100	69.9
I	Jul 2018	656	10.7	448.00	580	-8	81.97	120.0	46.0	100	70.2
S	Aug 2018	611	9.9	447.53	571	-9	79.27	120.0	42.7	100	69.9
T	Sep 2018	512	8.6	448.95	598	27	83.02	120.0	35.9	100	70.1
	WY 2018	**6479**							**451.7**		
O	Oct 2018	394	6.4	448.12	582	-16	82.83	90.0	27.9	75	70.9
R	Nov 2018	357	6.0	447.99	580	-3	82.25	93.0	26.1	78	73.0
I	Dec 2018	218	3.5	446.53	552	-27	81.03	116.1	12.9	97	59.1
C	Jan 2019	250	4.1	446.58	553	1	82.75	117.1	17.0	98	68.2
A	Feb 2019	372	6.7	447.53	571	18	81.87	95.4	25.5	79	68.6
L	Mar 2019	630	10.2	447.86	577	6	82.11	111.3	44.3	93	70.4
*	Apr 2019	712	12.0	447.29	567	-11	79.40	115.0	49.5	96	69.5
	May 2019	701	11.4	448.50	589	23	75.31	119.0	46.2	99	65.9
	Jun 2019	731	12.3	448.50	589	0	75.86	120.0	48.6	100	66.5
	Jul 2019	683	11.1	448.00	580	-9	75.61	120.0	45.1	100	66.1
	Aug 2019	612	9.9	447.50	571	-10	75.13	120.0	40.1	100	65.5
	Sep 2019	515	8.6	447.50	570	0	74.89	120.0	33.4	100	65.0
	WY 2019	**6173**							**416.7**		
	Oct 2019	468	7.6	447.50	571	0	76.29	90.0	30.9	75	66.0
	Nov 2019	383	6.4	447.50	571	0	76.14	93.0	25.0	78	65.2
	Dec 2019	311	5.1	446.50	552	-19	74.65	114.2	19.6	95	63.1
	Jan 2020	265	4.3	446.50	552	0	75.07	94.8	16.7	79	62.8
	Feb 2020	435	7.6	446.50	552	0	75.16	93.1	28.3	78	65.1
	Mar 2020	711	11.6	446.70	555	4	74.01	120.0	46.2	100	64.9
	Apr 2020	733	12.3	448.70	593	38	75.08	120.0	48.3	100	65.9
	May 2020	698	11.4	448.70	593	0	76.05	120.0	46.4	100	66.5
	Jun 2020	721	12.1	448.70	593	0	76.05	120.0	48.0	100	66.6
	Jul 2020	681	11.1	448.00	580	-13	75.71	120.0	45.0	100	66.2
	Aug 2020	601	9.8	447.50	571	-9	75.13	120.0	39.3	100	65.5
	Sep 2020	511	8.6	447.50	570	0	74.89	120.0	33.2	100	65.0
	WY 2020	**6518**							**426.9**		
	Oct 2020	488	7.9	447.50	571	0	76.29	90.0	32.3	75	66.1
	Nov 2020	362	6.1	447.50	571	0	76.19	92.0	23.5	77	65.1
	Dec 2020	314	5.1	446.50	552	-19	74.86	109.4	19.9	91	63.3
	Jan 2021	265	4.3	446.50	552	0	75.07	94.8	16.6	79	62.8
	Feb 2021	435	7.8	446.50	552	0	75.21	92.1	28.3	77	65.2
	Mar 2021	710	11.5	446.70	555	4	74.01	120.0	46.1	100	64.9
	Apr 2021	732	12.3	448.70	593	38	75.08	120.0	48.2	100	65.9

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2019 24-Month Study

Most Probable Inflow*

Upper Basin Power

	Date	Glen Canyon 1000 MWHR	Flaming Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Reservoir 1000 MWHR	Fontenelle Reservoir 1000 MWHR
*	May 2018	318	63	23	33	20	7
H	Jun 2018	343	50	27	34	20	8
I	Jul 2018	384	48	27	36	20	8
S	Aug 2018	393	50	24	33	19	7
T	Sep 2018	288	47	8	29	16	1
	Summer 2018	**2045**	**297**	**133**	**193**	**111**	**36**
O	Oct 2018	268	39	11	19	9	4
R	Nov 2018	248	36	5	4	2	5
I	Dec 2018	313	47	5	6	2	5
C	Jan 2019	335	47	4	6	1	4
A	Feb 2019	302	42	6	8	1	3
L	Mar 2019	325	22	6	9	4	3
	Winter 2019	**1790**	**233**	**36**	**51**	**19**	**24**
*	Apr 2019	294	27	9	14	10	4
	May 2019	274	36	48	76	23	7
	Jun 2019	304	91	16	31	22	9
	Jul 2019	350	43	27	34	19	10
	Aug 2019	365	45	34	40	20	10
	Sep 2019	277	44	32	38	20	3
	Summer 2019	**1863**	**286**	**166**	**233**	**115**	**43**
	Oct 2019	259	27	22	27	14	6
	Nov 2019	258	26	17	21	11	5
	Dec 2019	289	54	33	40	20	5
	Jan 2020	344	56	17	22	11	5
	Feb 2020	298	52	10	13	0	4
	Mar 2020	316	28	11	15	8	4
	Winter 2020	**1763**	**244**	**111**	**137**	**64**	**28**
	Apr 2020	280	24	17	24	14	5
	May 2020	285	28	60	98	23	6
	Jun 2020	309	94	15	25	18	9
	Jul 2020	355	45	24	30	17	10
	Aug 2020	375	45	27	33	17	8
	Sep 2020	279	43	27	32	16	2
	Summer 2020	**1882**	**279**	**170**	**242**	**105**	**39**
	Oct 2020	265	34	18	22	12	8
	Nov 2020	264	33	18	21	11	5
	Dec 2020	296	43	33	40	20	5
	Jan 2021	352	43	20	25	13	5
	Feb 2021	306	37	10	13	7	4
	Mar 2021	325	27	0	12	7	4
	Winter 2021	**1484**	**190**	**99**	**122**	**62**	**27**
	Apr 2021	287	26	0	24	14	5

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

May 2019 24-Month Study

Most Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions

Date	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Total KAF	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****EFFECTIVE SPACE****										
May 2019	654	495	579	15124	16852	16610	33463	347	495	381	1222	15124	16610	32957	1500	981	0	29.1
Jun 2019	529	382	381	13507	14799	16904	31703	210	382	144	736	13507	16904	31147	1500	925	0	31.5
Jul 2019	431	78	332	11415	12256	17123	29379	99	69	39	207	11415	17123	28745	1500	840	0	31.8
								****CREDITABLE SPACE****										
Aug 2019	350	12	354	11134	11850	17129	28980	350	12	354	716	11134	17129	28980	1500	820	0	31.5
Sep 2019	402	45	368	11412	12227	17061	29288	402	45	368	815	11412	17061	29288	2270	746	0	31.1
Oct 2019	479	89	366	11558	12492	17117	29610	479	89	366	934	11558	17117	29610	3040	504	0	30.9
Nov 2019	503	116	355	11649	12622	16983	29605	503	116	355	973	11649	16983	29605	3810	687	0	30.7
Dec 2019	527	137	356	11786	12806	17038	29845	527	137	356	1020	11786	17038	29845	4580	631	0	30.5
Jan 2020	638	221	367	11954	13181	16959	30139	638	221	367	1226	11954	16959	30139	5350	593	0	30.4
								****EFFECTIVE SPACE****										
Jan 2020	638	221	367	11954	13181	16959	30139	269	200	167	636	11954	16959	29549	5350	593	0	30.4
Feb 2020	751	254	380	12279	13664	16669	30333	382	234	179	795	12279	16669	29744	1500	682	0	30.2
Mar 2020	850	266	382	12516	14014	16555	30569	481	246	181	908	12516	16555	29979	1500	1007	0	29.9
Apr 2020	829	266	344	12720	14159	16745	30904	456	247	135	837	12720	16745	30303	1500	1081	0	29.8
May 2020	768	245	267	12595	13875	17107	30982	388	226	34	648	12595	17107	30350	1500	1021	0	31.0
Jun 2020	613	285	245	11266	12408	17443	29852	220	251	-28	443	11266	17443	29152	1500	944	0	32.5
Jul 2020	493	76	367	9746	10683	17690	28373	87	39	37	163	9746	17690	27600	1500	854	0	32.6
								****CREDITABLE SPACE****										
Aug 2020	424	35	391	9667	10517	17714	28231	424	35	391	850	9667	17714	28231	1500	751	0	32.3
Sep 2020	471	51	412	10007	10941	17576	28518	471	51	412	935	10007	17576	28518	2270	736	0	31.8
Oct 2020	545	90	417	10185	11238	17631	28869	545	90	417	1053	10185	17631	28869	3040	500	0	31.6
Nov 2020	587	107	413	10293	11400	17489	28888	587	107	413	1107	10293	17489	28888	3810	624	0	31.5
Dec 2020	630	133	417	10423	11603	17480	29083	630	133	417	1180	10423	17480	29083	4580	585	0	31.3
Jan 2021	712	217	428	10621	11978	17354	29332	712	217	428	1357	10621	17354	29332	5350	593	0	31.2
								****EFFECTIVE SPACE****										
Jan 2021	712	217	428	10621	11978	17354	29332	343	187	228	758	10621	17354	28733	5350	593	0	31.2
Feb 2021	789	259	441	10973	12462	17064	29526	420	230	240	890	10973	17064	28927	1500	678	0	31.0
Mar 2021	849	269	443	11250	12810	16946	29756	478	240	241	959	11250	16946	29156	1500	1007	0	30.7
Apr 2021	825	257	404	11466	12951	17135	30086	450	233	195	878	11466	17135	29479	1500	1081	0	30.6

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Model Run ID: 3092

Processed On: 5/9/2019 2:24:06PM

June 24-Month Study
Date: June 14, 2019

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

Reservoir	May Inflow (unregulated) (acre-feet)	Percent of Average (%)	June 13, Midnight Elevation (feet)	June 13, Midnight Reservoir Storage (acre-feet)
Fontenelle	167,000	102	6,498.08	283,800
Flaming Gorge	252,300	103	6,029.47	3,328,600
Blue Mesa	214,400	97	7,474.83	469,000
Navajo	270,200	97	6,060.60	1,355,400
Powell	2,511,300	107	3,595.13	11,291,300

Expected Operations

The operation of Lake Powell and Lake Mead in this June 2019 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines) and reflects the draft 2019 Annual Operating Plan (AOP). Pursuant to the Interim Guidelines, the August 2018 24-Month Study projections of the January 1, 2019, system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2019.

Consistent with Section 6.B of the Interim Guidelines, the Lake Powell operational tier for water year 2019 will be governed by the Upper Elevation Balancing Tier. With an 8.23 million acre-foot (maf) release from Lake Powell in water year 2019, the April 2019 24-Month Study projected the end of water year elevation at Lake Powell to be above 3,575 feet above sea level (feet), and the end of water year elevation at Lake Mead to be below 1,075 feet. Therefore, in accordance with Section 6.B.4 of the Interim Guidelines, Lake Powell operations shifted to balancing releases for the remainder of water year 2019. Under Section 6.B.4, the contents of Lake Powell and Lake Mead will be balanced by the end of the water year, but not more than 9.0 maf and not less than 8.23 maf shall be released from Lake Powell. Based on the most probable inflow forecast, this June 24-Month Study projects a balancing release of 9.0 maf in water year 2019; however, the actual release in water year 2019 will depend on hydrology in the remainder of the water

year and will range between 8.23 and 9.0 maf. The projected release from Lake Powell in water year 2019 will be updated each month throughout the remainder of the water year.

Consistent with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar year 2019.

The Interim Guidelines are available for download at:
https://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The draft 2019 AOP is available for download at:
https://www.usbr.gov/lc/region/g4000/AOP2019/AOP19_draft.pdf

Fontenelle Reservoir – Fontenelle Reservoir is currently at elevation 6498 feet, which amounts to 82 percent of live storage capacity. Inflows for the month of May totaled 167,000 acre-feet (af), or 99 percent of average. Releases are currently ramping up to pass the high inflows seen over the past week, expect flows near 6400 cubic feet per second (cfs) to continue through the majority of June.

The Colorado Basin River Forecast Center has forecasted inflows that are near average. June, July and August forecasted inflow volumes amount to 300,000 af (100 percent of average), 199,000 af (112 percent of average), and 77,000 af (101 percent of average), respectively.

The next Fontenelle Working Group meeting is scheduled for August 22, 2019. The meeting will be held at the Water Treatment Facility, 3 Telephone Canyon Road, Green River, WY 82935. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir.

Flaming Gorge Reservoir – As of June 11, 2019, Flaming Gorge Reservoir's pool elevation is 6029.77 feet (89 percent of live capacity) and decreasing. Inflow into Flaming Gorge Reservoir during the month of May was 183,470 af or 89 percent of average.

Reclamation is in the process of conducting the Larval Trigger Study Plan (LTSP) targeted flows. Full powerplant releases and bypass releases are being used to achieve between 18,600 cfs to 20,300 cfs at the Jensen Gage. Full powerplant and bypass releases which range between approximately 7,000 cfs to 8600 cfs and will continue until later next week, the week of June 16, 2019.

Combined with forecasted flows from the Yampa River, which is unregulated and joins the Green River below Flaming Gorge Dam in Dinosaur National Monument, flows near Jensen, Utah are expected to reach above 18,600 cfs and be less than 22,000 cfs. Reclamation will closely monitor actual and forecast flows and will reduce Flaming Gorge Dam release volumes if the Yampa River is projected to considerably exceed current forecasts through the week of June 16, 2019.

The June final forecast for unregulated inflows into Flaming Gorge for the next three months projects near average conditions: June, July, and August forecasted unregulated inflow volumes at 423,000 af (109 percent of average), 255,000 af (121 percent of average), and 95,000 af (107 percent of average), respectively.

Reclamation will be holding the Flaming Gorge Working Group meeting on August 15th at 10 a.m. in Price, Utah County Event Center (310 South Fairgrounds Road).

The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stakeholders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations and plans presented by Reclamation at these meetings. Meeting notes from past Working Group meetings are posted on the Working Group webpage. For more information on this group and these meetings please contact Dale Hamilton at 801-379-1186.

Aspinall Unit Reservoirs – As of June 13, 2019 releases from Crystal Dam are approximately 5,100 cfs. Uncompahgre Valley Water Users Association is diverting approximately 900 cfs through the Gunnison Tunnel and flows in the Black Canyon are about 4,200 cfs. Releases from Aspinall are currently ramping down from the spring peak operations to meet Aspinall Record of Decision (ROD) peak flow targets for this year. As described in the Aspinall ROD, based on the moderately wet hydrologic category of the forecasted April through July runoff into Blue Mesa Reservoir this year, the ROD peak flow target level this year has been 14,350 cfs measured in the Whitewater Reach of the Gunnison River. Peak releases from Aspinall, timed with peak flows on the North Fork of the Gunnison River achieved 6 days above the peak flow target level this year. Additionally, at least 20 days above half bank full levels (8,070 cfs) are expected to occur in the Whitewater Reach by the end of June.

Inflows to Blue Mesa have been very significant in May and June with the elevation of Blue Mesa Reservoir increasing over 18 feet since May 1, 2019 despite the high releases that have been made from Aspinall during the spring peak operational period. Inflows are expected to be very high for about 6 more weeks into late July. By the end of July, Blue Mesa Reservoir is projected to be very nearly full at an elevation of approximately 7518 feet which is within 1.4 feet of full capacity. This elevation corresponds to a storage level in Blue Mesa Reservoir of approximately 820,000 acre-feet which is 98.7 percent of full capacity.

The May unregulated inflow to Blue Mesa Reservoir was 214,400 af (97 percent of average). Unregulated Inflows to Blue Mesa for the next three months (June, July and August) are projected to be: 480,000 af (183 percent of average), 225,000 af (192 percent of average) and 82,000 af (130 percent of average), respectively. The June 24-Month Study is reflective of these new forecasts. The April through July unregulated inflow forecast volume for 2019 (issued June 4, 2019) is 1,040,000 af which is 154 percent of average. The water year unregulated inflow forecast volume for 2019 is 1,352,000 af which is 142 percent of average.

The Aspinall Unit Working Group is an open public forum for information exchange between Reclamation and the stakeholders of the Aspinall Unit. The public is encouraged to attend and comments on the operations and plans presented by Reclamation at these meetings. Meeting notes from past working Group meetings are posted on the Working Group webpage. For more information on this group and these meetings please contact Erik Knight in the Grand Junction Area Office at (970) 248-0629.

Meeting notes from past working Group meetings are posted on the Working Group webpage at:

https://www.usbr.gov/uc/wcao/water/rsvrs/mtgs/amcurrnt.html

The next meeting of the Aspinall Unit Working Group will be held on Tuesday, August 15, 2019 at 1:00 pm at the Elk Creek Visitor Center at Blue Mesa Reservoir.

Navajo Reservoir – On June 13, 2019, the daily average release rate from Navajo Dam was approximately 4,390 cfs while reservoir inflow (modified unregulated) was averaging approximately 11,150 cfs. The water surface elevation was 6060.60 feet above sea level and is steadily increasing at nearly 0.5 feet per day. At this elevation the live storage is 1.36 maf (80 percent of live storage capacity) and the active storage is 0.70 maf (67 percent of active storage capacity). The river flow measured at the San Juan River at Four Corners USGS gage was 10,500 cfs. River flow at the Animas River at Farmington USGS gage is at 6,190 cfs.

Releases from Navajo Dam are made for authorized purposes of the Navajo Unit and are pursuant to the Record of Decision for the Navajo Reservoir Operations, Navajo Unit – San Juan River New Mexico, Colorado, Utah Final Environmental Impact Statement. Releases from Navajo Dam are managed to attempt to maintain a target base flow through the endangered fish critical habitat reach of the San Juan River (Farmington to Lake Powell). The San Juan River Basin Recovery Implementation Program (SJRIP) recommends a target base flow of between 500 cfs and 1,000 cfs through the critical habitat area. The target base flow is calculated as the weekly average of gaged flows throughout the critical habitat area.

Preliminary modified-unregulated inflow into Navajo (inflow adjusted for upstream change in storage, reservoir evaporation and exportation from the basin) in May was 270 kaf (97 percent of average for the month). The SWE above Navajo peaked at 29.9 inches (148% of historical median peak) on April 5, 2019.

Forecast modified-unregulated inflow to Navajo over the next three months (June, July and August) are projected to be: 400,000 af (178 percent of average), 99,000 af (150 percent of average), and 47,000 af (104 percent of average), respectively.

The April through July runoff forecasts are as follows:

Min Probable: 810,000 af (110 percent of average)

Most Probable: 1,000,000 af (136 percent of average)
Max Probable: 1,060,000 af (144 percent of average)

Based on current storage and long-term projections, Navajo is nearly certain to fill to at least 6050 ft and has a 70% chance of filling to at least 6060 ft in the spring of 2019. Based on the current Most Probable projection there are no plans for a spring peak release, though a short-duration maintenance release is being planned. The short-duration maintenance release is underway and when complete will include a 5-7 day ramp up to 5,000 cfs, five days at 5,000 cfs, and a 3-day ramp back down to base release levels. The timing of this release has accounted for the high flows on the Animas River to best manage potential flooding issues.

Reclamation conducts Public Operations Meetings three times per year to gather input for determining upcoming operations for Navajo Reservoir. Input from individuals, organizations, and agencies along with other factors such as weather, water rights, endangered species requirements, flood control, hydro power, recreation, fish and wildlife management, and reservoir levels, will be considered in the development of these reservoir operation plans. In addition, the meetings are used to coordinate activities and exchange information among agencies, water users, and other interested parties concerning the San Juan River and Navajo Reservoir.

The next Navajo Unit Coordination Meeting will be held Tuesday, August 20, 2019 at 1:00 pm at the Farmington Civic Center (200 West Arrington, Farmington, NM).

Glen Canyon Dam / Lake Powell

Current Status
The Department of the Interior is conducting the first experimental flow at Glen Canyon Dam since implementing its Long-Term Experimental and Management Plan (LTEMP). The goal is to provide enhanced habitat for the lifecycle of aquatic insects that are the primary food source for fish in the Colorado River.

Experiments under LTEMP consist of four different flow regimes: high flows, bug flows, trout management flows, and low summer flows. Collaborative discussions among technical experts resulted in a decision to begin this first experiment on May 1 and continue through August 31, 2018. This experiment is being continued for 2019, same time period, (May – August). It will slightly modify the schedule and flow rates of water releases from Lake Powell through Glen Canyon Dam, Arizona. The normally scheduled monthly and weekly release volumes will not be affected.

Flows during the experiment will include steady weekend water releases with routine hydropower production flows on weekdays that include normal hourly changes in release rates. Those steady weekend flows are expected to provide favorable conditions for aquatic insects to lay and cement their eggs to rocks, vegetation, and other materials near the river's edge. Steady weekend flows will be relatively low, within four inches of

typical weekday low water levels. It is unlikely casual recreational river users will notice the changes in water levels.

Insects expected to benefit from this experiment are an important food source for many species of fish, birds, and bats in the canyon. Beyond expected resource benefits, this experiment will also provide scientific information that will be used in future decision making.

The unregulated inflow volume to Lake Powell during May was 2.51 (maf) (107 percent of average). The release volume from Glen Canyon Dam in May was 720 thousand acre-feet (kaf). The end of May elevation and storage of Lake Powell were 3,585 feet (115 feet from full pool) and 10.3 maf (42 percent of full capacity), respectively. This winter's precipitation has been above average every month starting with January through May at, 120, 150, 175, 105, 175 percent.

Current Operations

The forecast for water year 2019 unregulated inflow to Lake Powell, issued on June 4, 2019, by the Colorado Basin River Forecast Center, projects that the most probable (median) unregulated inflow volume this year will be 13.5 maf (125 percent of average). There is significant uncertainty regarding this season's snow pack development and resulting runoff into Lake Powell. Reclamation updates the minimum and maximum probable forecasts four times a year: January, April, August and October. The April forecast ranges from a minimum probable of 9.68 maf (89 percent of average) to a maximum probable of 15.26 maf (141 percent of average). There is a 10 percent chance that inflows could be higher than the current maximum probable forecast and a 10 percent chance that inflows could be lower than the minimum probable forecast.

Based on the current forecast, the June 24-Month Study projects Lake Powell elevation will end water year 2019 near 3,620.77 feet with approximately 13.85 maf in storage (57 percent of capacity). Note that projections of elevation and storage for water year 2019 have significant uncertainty at this point in the season. Projections of end of water year 2019 elevation and storage using the minimum and maximum probable inflow forecast from April 2019 are 3,590.25 feet (10.84 maf, 46 percent of capacity) and 3,632.38 feet (15.12 maf, 65 percent of capacity), respectively. Under these scenarios, there is a 10 percent chance that inflows will be higher, resulting in higher elevation and storage, and 10 percent chance that inflows will be lower, resulting in lower elevation and storage. The annual release volume from Lake Powell during water year 2019 is projected to be 9.0 maf under the June most probable scenario, and 9.0 maf under the April maximum and minimum probable inflow scenarios.

Inflow Forecasts and Model Projections

The forecast for water year 2019 unregulated inflow to Lake Powell, issued on May 1, 2019, by the Colorado Basin River Forecast Center, projects that the most probable (median) unregulated inflow volume this year will be 12.07 maf (111 percent of average). There is significant uncertainty regarding this season's snow pack development and resulting runoff into Lake Powell. Reclamation updates the minimum and maximum

probable forecasts four times a year: January, April, August and October. The April forecast ranges from a minimum probable of 9.68 maf (89 percent of average) to a maximum probable of 15.26 maf (141 percent of average). There is a 10 percent chance that inflows could be higher than the current maximum probable forecast and a 10 percent chance that inflows could be lower than the minimum probable forecast.

Based on the current forecast, the May 24-Month Study projects Lake Powell elevation will end water year 2019 near 3,610.33 feet with approximately 12.76 maf in storage (54 percent of capacity). Note that projections of elevation and storage for water year 2019 have significant uncertainty at this point in the season. Projections of end of water year 2019 elevation and storage using the minimum and maximum probable inflow forecast from April 2019 are 3,590.25 feet (10.84 maf, 46 percent of capacity) and 3,632.38 feet (15.12 maf, 65 percent of capacity), respectively. Under these scenarios, there is a 10 percent chance that inflows will be higher, resulting in higher elevation and storage, and 10 percent chance that inflows will be lower, resulting in lower elevation and storage. The annual release volume from Lake Powell during water year 2019 is projected to be 9.0 maf under the May most probable scenario, and 9.0 maf under the April maximum and minimum probable inflow scenarios.

Upper Colorado River Basin Hydrology

Upper Colorado River Basin regularly experiences significant year to year hydrologic variability. During the 19-year period 2000 to 2018, however, the unregulated inflow to Lake Powell, which is a good measure of hydrologic conditions in the Colorado River Basin, was above average in only 4 out of the past 19 years. The period 2000-2018 is the lowest 19-year period since the closure of Glen Canyon Dam in 1963, with an average unregulated inflow of 8.54 maf, or 79 percent of the 30-year average (1981-2010). (For comparison, the 1981-2010 total water year average is 10.83 maf.) The unregulated inflow during the 2000-2018 period has ranged from a low of 2.64 maf (24 percent of average) in water year 2002 to a high of 15.97 maf (147 percent of average) in water year 2011. In water year 2018 unregulated inflow volume to Lake Powell was 4.6 maf (43 percent of average), the third driest year on record above 2002 and 1977. Under the current most probable forecast, the total water year 2019 unregulated inflow to Lake Powell is projected to be 13.49 maf (125 percent of average).

At the beginning of water year 2019, total system storage in the Colorado River Basin was 28.01 maf (47 percent of 59.6 maf total system capacity). This is a decrease of 4.91 maf over the total storage at the beginning of water year 2018 when total system storage was 32.92 maf (55 percent of capacity). Since the beginning of water year 2000, total Colorado Basin storage has experienced year to year increases and decreases in response to wet and dry hydrology, ranging from a high of 94 percent of capacity at the beginning of 2000 to the now current level of 47 percent of capacity at the beginning of water year 2019. Based on current inflow forecasts, the current projected end of water year total Colorado Basin reservoir storage for water year 2019 is approximately 31.33 maf (53 percent of total system capacity). The actual end of water year 2019 system storage may vary from this projection, primarily due to uncertainty regarding this season's runoff and reservoir inflow.

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-430
125 SOUTH STATE STREET, ROOM 8100
SALT LAKE CITY, UT 84138-5571
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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:	Obs			may	Forecast		Outlook		
:	feb	mar	apr	may	%Avg	jun	jul	aug	apr-jul	%Avg
GLDA3:Lake Powell	255	624	1242	2511	107%:	4400/	2150/	750/	10300/:	144%
GBRW4:Fontenelle	26	37	114	167	102%:	300/	199/	77/	780/:	108%
GRNU1:Flaming Gorge	34	74	240	252	104%:	423/	255/	95/	1170/:	119%
BMDC2:Blue Mesa	20.0	28	121	214	97%:	480/	225/	82/	1040/:	154%
MPSC2:Morrow Point	20	29	136	240	97%:	525/	239/	86/	1140/:	154%
CLSC2:Crystal	24	34	150	266	95%:	590/	273/	95/	1280/:	153%
TPIC2:Taylor Park	3.4	4.7	10.1	21	74%:	71/	38/	14/	140/:	141%
VCRC2:Vallecito	3.8	5.6	32	58	81%:	136/	48/	23/	275/:	142%
NVRN5:Navajo	17.6	114	230	270	97%:	400/	99/	47/	1000/:	136%
LEMC2:Lemon	0.50	0.77	5.8	12.1	56%:	40/	12/	5/	70/:	127%
MPHC2:McPhee	2.8	10.8	105	117	94%:	165/	39/	15/	425/:	144%
RBSC2:Ridgway	3.0	5.8	10.9	15.9	61%:	62/	39/	15/	128/:	127%
YDLC2:Deerlodge	17.3	50	265	471	91%:	585/	129/	27/	1450/:	117%

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2019 24-Month Study

Most Probable Inflow*

Fontenelle Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jun 2018	404	2	101	269	370	6499.18	292
H	Jul 2018	138	3	92	8	100	6503.79	327
I	Aug 2018	50	2	75	1	76	6500.10	299
S	Sep 2018	30	2	7	58	65	6495.11	262
	WY 2018	**1397**	**15**	**856**	**528**	**1382**		
T	Oct 2018	42	1	45	20	65	6491.62	238
O	Nov 2018	38	1	60	0	60	6488.29	216
R	Dec 2018	30	1	61	1	61	6483.19	184
I	Jan 2019	28	1	61	0	61	6476.81	150
C	Feb 2019	26	0	55	1	56	6470.41	120
A	Mar 2019	37	0	61	0	61	6464.13	95
L	Apr 2019	114	1	71	0	71	6474.10	137
*	May 2019	167	1	98	0	98	6486.46	204
	Jun 2019	300	2	103	135	238	6495.39	265
	Jul 2019	199	3	105	50	156	6500.92	306
	Aug 2019	77	2	106	25	131	6493.16	249
	Sep 2019	45	2	38	64	102	6484.16	191
	WY 2019	**1103**	**14**	**865**	**296**	**1161**		
	Oct 2019	49	1	67	0	67	6480.82	171
	Nov 2019	44	1	60	0	60	6477.81	155
	Dec 2019	37	0	61	0	61	6472.58	130
	Jan 2020	32	0	61	0	61	6465.38	100
	Feb 2020	30	0	0	58	58	6457.41	73
	Mar 2020	48	0	0	61	61	6452.88	59
	Apr 2020	75	0	0	76	76	6452.26	57
	May 2020	155	1	0	105	105	6466.97	107
	Jun 2020	275	2	98	31	129	6493.42	251
	Jul 2020	170	3	108	25	132	6498.33	286
	Aug 2020	65	2	105	0	105	6492.50	245
	Sep 2020	45	2	20	75	95	6484.55	193
	WY 2020	**1025**	**12**	**580**	**430**	**1010**		
	Oct 2020	48	1	61	0	61	6482.11	179
	Nov 2020	42	1	60	0	60	6478.81	160
	Dec 2020	32	0	61	0	61	6472.60	130
	Jan 2021	30	0	61	0	61	6464.96	99
	Feb 2021	28	0	0	56	56	6456.79	71
	Mar 2021	53	0	0	61	61	6453.78	61
	Apr 2021	85	0	0	85	85	6453.69	61
	May 2021	164	1	0	105	105	6470.09	120

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3095

Processed On: 6/14/2019 10:25:06AM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2019 24-Month Study

Most Probable Inflow*

Flaming Gorge Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	Jun 2018	435	401	11	125	0	125	143	6035.09	3550	278
H	Jul 2018	140	102	14	120	0	120	142	6034.33	3519	141
I	Aug 2018	42	68	13	124	0	124	139	6032.67	3453	142
S	Sep 2018	17	52	11	119	0	119	136	6030.75	3378	132
	WY 2018	**1594**	**1580**	**82**	**1608**	**7**	**1616**				**2638**
T	Oct 2018	52	75	7	99	0	99	135	6029.99	3349	131
O	Nov 2018	41	63	4	93	0	93	133	6029.15	3316	121
R	Dec 2018	29	60	2	124	0	124	131	6027.49	3253	153
I	Jan 2019	34	68	2	124	0	124	129	6026.01	3198	154
C	Feb 2019	34	63	2	112	0	112	127	6024.69	3149	143
A	Mar 2019	74	99	3	58	0	58	128	6025.67	3185	128
L	Apr 2019	240	198	5	71	0	71	133	6028.79	3303	342
*	May 2019	252	183	8	99	0	99	136	6030.71	3376	568
	Jun 2019	423	361	11	284	3	287	138	6032.27	3437	872
	Jul 2019	255	212	14	140	0	140	140	6033.67	3493	269
	Aug 2019	95	149	13	141	0	141	140	6033.54	3488	168
	Sep 2019	60	117	12	137	0	137	139	6032.78	3458	154
	WY 2019	**1590**	**1648**	**83**	**1480**	**3**	**1483**				**3204**
	Oct 2019	63	81	8	94	0	94	138	6032.29	3438	124
	Nov 2019	60	76	4	89	0	89	138	6031.86	3421	122
	Dec 2019	40	64	2	156	0	156	134	6029.55	3332	183
	Jan 2020	46	75	2	172	0	172	130	6027.06	3237	196
	Feb 2020	49	77	2	161	0	161	127	6024.82	3154	185
	Mar 2020	98	111	3	90	0	90	128	6025.29	3171	161
	Apr 2020	135	136	5	65	0	65	130	6027.00	3235	275
	May 2020	230	180	8	68	0	68	134	6029.63	3335	598
	Jun 2020	340	194	10	243	0	243	132	6028.13	3277	693
	Jul 2020	200	162	14	123	0	123	133	6028.78	3302	198
	Aug 2020	74	114	13	123	0	123	132	6028.22	3281	144
	Sep 2020	50	100	11	117	0	117	131	6027.51	3254	132
	WY 2020	**1385**	**1370**	**80**	**1502**	**0**	**1502**				**3012**
	Oct 2020	55	69	7	68	0	68	131	6027.35	3248	96
	Nov 2020	50	67	3	67	0	67	131	6027.27	3245	97
	Dec 2020	35	64	2	117	0	117	128	6025.88	3193	142
	Jan 2021	40	72	2	117	0	117	127	6024.66	3148	142
	Feb 2021	45	72	2	104	0	104	125	6023.78	3116	132
	Mar 2021	102	111	3	61	0	61	127	6025.01	3160	138
	Apr 2021	134	133	5	60	0	60	130	6026.79	3227	275
	May 2021	245	186	8	71	0	71	134	6029.49	3329	603

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3095

Processed On: 6/14/2019 10:25:06AM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2019 24-Month Study

Most Probable Inflow*

Taylor Park Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jun 2018	13	15	9317.29	82
H	Jul 2018	5	14	9311.71	73
I	Aug 2018	3	13	9305.51	63
S	Sep 2018	3	8	9301.71	58
	WY 2018	**88**	**108**		
T	Oct 2018	5	3	9302.60	59
O	Nov 2018	3	3	9302.61	59
R	Dec 2018	4	3	9302.74	59
I	Jan 2019	4	3	9302.92	59
C	Feb 2019	3	3	9303.16	60
A	Mar 2019	5	4	9303.75	60
L	Apr 2019	10	7	9306.14	64
*	May 2019	21	26	9302.64	59
	Jun 2019	71	36	9323.80	94
	Jul 2019	38	28	9328.94	104
	Aug 2019	14	24	9323.68	94
	Sep 2019	9	23	9316.17	80
	WY 2019	**186**	**164**		
	Oct 2019	8	9	9315.33	79
	Nov 2019	7	8	9314.97	78
	Dec 2019	6	5	9315.74	79
	Jan 2020	5	5	9315.96	80
	Feb 2020	5	4	9316.36	80
	Mar 2020	5	7	9315.36	79
	Apr 2020	8	10	9314.47	77
	May 2020	30	25	9317.36	82
	Jun 2020	40	19	9328.75	104
	Jul 2020	17	23	9325.66	98
	Aug 2020	9	23	9318.37	84
	Sep 2020	7	22	9309.44	69
	WY 2020	**147**	**158**		
	Oct 2020	6	9	9307.75	66
	Nov 2020	5	7	9306.13	64
	Dec 2020	5	5	9306.13	64
	Jan 2021	4	5	9305.96	64
	Feb 2021	4	4	9305.62	63
	Mar 2021	4	7	9304.06	61
	Apr 2021	9	10	9303.54	60
	May 2021	28	13	9313.36	75

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3095

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2019 24-Month Study

Most Probable Inflow*

Blue Mesa Reservoir

	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jun 2018	56	57	1	98	0	98	7475.06	471
H	Jul 2018	21	31	1	101	0	101	7464.43	399
I	Aug 2018	19	28	1	93	0	93	7453.77	334
S	Sep 2018	12	17	1	30	39	68	7444.44	282
	WY 2018	**433**	**453**	**7**	**856**	**39**	**895**		
T	Oct 2018	23	22	0	46	11	56	7437.59	248
O	Nov 2018	22	21	0	19	0	19	7438.08	250
R	Dec 2018	20	19	0	21	0	21	7437.82	249
I	Jan 2019	20	20	0	17	0	17	7438.40	252
C	Feb 2019	20	20	0	23	0	23	7437.59	248
A	Mar 2019	28	27	0	25	0	25	7438.01	250
L	Apr 2019	121	118	0	33	0	33	7453.91	335
*	May 2019	214	218	1	86	18	105	7471.68	447
	Jun 2019	480	445	1	194	9	203	7503.18	688
	Jul 2019	225	215	2	72	0	72	7519.34	829
	Aug 2019	82	92	1	107	0	107	7517.61	813
	Sep 2019	52	66	1	104	3	107	7512.87	771
	WY 2019	**1306**	**1283**	**8**	**746**	**41**	**787**		
	Oct 2019	46	47	1	82	0	82	7508.82	736
	Nov 2019	38	39	0	77	0	77	7504.26	697
	Dec 2019	34	33	0	111	0	111	7494.69	618
	Jan 2020	30	30	0	55	0	55	7491.45	593
	Feb 2020	26	25	0	34	0	34	7490.31	584
	Mar 2020	38	40	0	36	0	36	7490.72	587
	Apr 2020	73	75	1	54	0	54	7493.27	607
	May 2020	220	215	1	206	40	246	7489.19	575
	Jun 2020	275	254	1	48	0	48	7513.75	779
	Jul 2020	97	103	2	79	0	79	7516.22	801
	Aug 2020	54	68	1	88	0	88	7513.76	779
	Sep 2020	39	54	1	86	0	86	7509.98	746
	WY 2020	**970**	**981**	**9**	**958**	**40**	**998**		
	Oct 2020	39	42	1	59	0	59	7507.92	728
	Nov 2020	31	34	0	57	0	57	7505.17	704
	Dec 2020	26	26	0	110	0	110	7494.89	620
	Jan 2021	24	25	0	67	0	67	7489.50	577
	Feb 2021	22	23	0	33	0	33	7488.18	567
	Mar 2021	36	38	0	0	29	29	7489.32	576
	Apr 2021	77	78	1	0	57	57	7491.96	597
	May 2021	221	206	1	6	222	228	7488.94	573

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3095

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2019 24-Month Study

Most Probable Inflow*

Morrow Point Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jun 2018	57	98	2	99	99	0	99	7154.16	112
H	Jul 2018	22	101	1	102	101	0	101	7155.49	113
I	Aug 2018	19	93	0	93	94	0	94	7153.96	112
S	Sep 2018	14	68	2	70	84	0	84	7135.77	98
	WY 2018	**460**	**895**	**27**	**922**	**935**	**0**	**937**		
T	Oct 2018	24	56	1	57	56	0	56	7136.92	99
O	Nov 2018	23	19	1	20	13	0	15	7143.47	104
R	Dec 2018	21	21	1	22	18	0	18	7147.95	107
I	Jan 2019	21	17	1	17	18	0	18	7147.00	107
C	Feb 2019	20	23	0	24	23	0	23	7147.57	107
A	Mar 2019	29	25	1	26	26	0	26	7146.90	107
L	Apr 2019	136	33	15	47	41	0	41	7155.16	113
*	May 2019	240	105	25	130	127	0	131	7154.68	113
	Jun 2019	525	203	45	248	249	0	249	7153.73	112
	Jul 2019	239	72	14	86	86	0	86	7153.73	112
	Aug 2019	86	107	4	111	111	0	111	7153.73	112
	Sep 2019	55	107	3	110	110	0	110	7153.73	112
	WY 2019	**1418**	**787**	**112**	**899**	**880**	**0**	**885**		
	Oct 2019	49	82	3	85	85	0	85	7153.73	112
	Nov 2019	41	77	3	80	80	0	80	7153.73	112
	Dec 2019	37	111	3	114	114	0	114	7153.73	112
	Jan 2020	33	55	3	58	58	0	58	7153.73	112
	Feb 2020	29	34	3	37	37	0	37	7153.73	112
	Mar 2020	42	36	4	40	40	0	40	7153.73	112
	Apr 2020	86	54	13	67	67	0	67	7153.73	112
	May 2020	245	246	25	271	271	0	271	7153.73	112
	Jun 2020	295	48	20	68	68	0	68	7153.73	112
	Jul 2020	104	79	7	86	86	0	86	7153.73	112
	Aug 2020	57	88	3	91	91	0	91	7153.73	112
	Sep 2020	42	86	3	89	89	0	89	7153.73	112
	WY 2020	**1060**	**998**	**90**	**1088**	**1088**	**0**	**1088**		
	Oct 2020	42	59	3	61	61	0	61	7153.73	112
	Nov 2020	34	57	2	59	59	0	59	7153.73	112
	Dec 2020	28	110	2	112	112	0	112	7153.73	112
	Jan 2021	27	67	2	69	69	0	69	7153.73	112
	Feb 2021	25	33	3	35	35	0	35	7153.73	112
	Mar 2021	40	29	4	33	33	0	33	7153.73	112
	Apr 2021	88	57	11	68	68	0	68	7153.73	112
	May 2021	247	228	26	254	254	0	254	7153.73	112

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3095

Processed On: 6/14/2019 10:25:06AM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2019 24-Month Study

Most Probable Inflow*

Crystal Reservoir

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
*	Jun 2018	61	99	3	102	102	0	102	6750.48	16	63	42
H	Jul 2018	24	101	2	103	103	0	103	6750.59	16	64	41
I	Aug 2018	21	94	2	96	98	0	98	6744.83	15	65	36
S	Sep 2018	15	84	1	85	87	0	87	6737.22	13	59	33
	WY 2018	**505**	**937**	**45**	**982**	**959**	**26**	**985**			**438**	**553**
T	Oct 2018	27	56	3	59	55	0	55	6751.87	17	33	24
O	Nov 2018	26	15	4	19	21	0	21	6743.11	14	1	19
R	Dec 2018	25	18	4	22	21	0	22	6745.32	15	0	20
I	Jan 2019	25	18	4	22	19	3	22	6746.57	15	1	20
C	Feb 2019	24	23	3	27	9	17	26	6748.26	16	1	25
A	Mar 2019	34	26	5	32	30	0	30	6752.77	17	0	29
L	Apr 2019	150	41	15	55	55	0	55	6753.29	17	26	29
*	May 2019	264	131	24	155	108	31	153	6759.30	19	47	105
	Jun 2019	590	249	65	314	130	186	316	6753.04	17	61	255
	Jul 2019	273	86	34	120	120	0	120	6753.04	17	65	55
	Aug 2019	95	111	9	120	120	0	120	6753.04	17	65	55
	Sep 2019	61	110	6	116	116	0	116	6753.04	17	55	61
	WY 2019	**1594**	**885**	**175**	**1060**	**804**	**239**	**1056**			**355**	**697**
	Oct 2019	56	85	7	92	92	0	92	6753.04	17	30	62
	Nov 2019	47	80	6	86	86	0	86	6753.04	17	0	86
	Dec 2019	43	114	6	120	120	0	120	6753.04	17	0	120
	Jan 2020	40	58	7	65	65	0	65	6753.04	17	0	65
	Feb 2020	33	37	4	41	0	41	41	6753.04	17	0	41
	Mar 2020	49	40	7	47	47	0	47	6753.04	17	5	42
	Apr 2020	99	67	13	80	80	0	80	6753.04	17	42	38
	May 2020	280	271	35	306	134	172	306	6753.04	17	62	244
	Jun 2020	330	68	35	103	103	0	103	6753.04	17	61	42
	Jul 2020	116	86	12	98	98	0	98	6753.04	17	65	33
	Aug 2020	64	91	7	98	98	0	98	6753.04	17	65	33
	Sep 2020	48	89	6	95	95	0	95	6753.04	17	55	40
	WY 2020	**1205**	**1088**	**145**	**1233**	**1020**	**213**	**1233**			**385**	**848**
	Oct 2020	48	61	6	67	67	0	67	6753.04	17	30	37
	Nov 2020	38	59	5	64	64	0	64	6753.04	17	0	64
	Dec 2020	32	112	5	117	117	0	117	6753.04	17	0	117
	Jan 2021	31	69	5	74	74	0	74	6753.04	17	0	74
	Feb 2021	29	35	4	39	39	0	39	6753.04	17	0	39
	Mar 2021	46	33	6	39	39	0	39	6753.04	17	5	34
	Apr 2021	101	68	12	80	80	0	80	6753.04	17	42	38
	May 2021	281	254	34	288	134	154	288	6753.04	17	62	226

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3095

Processed On: 6/14/2019 10:25:06AM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2019 24-Month Study

Most Probable Inflow*

Vallecito Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jun 2018	14	35	7639.22	63
H	Jul 2018	8	35	7624.15	35
I	Aug 2018	5	19	7613.87	22
S	Sep 2018	3	4	7613.06	21
	WY 2018	**102**	**153**		
T	Oct 2018	9	3	7617.56	26
O	Nov 2018	5	0	7621.25	31
R	Dec 2018	3	0	7623.31	34
I	Jan 2019	4	0	7625.50	37
C	Feb 2019	4	0	7627.67	41
A	Mar 2019	6	6	7627.39	40
L	Apr 2019	32	25	7631.32	47
*	May 2019	58	41	7640.08	64
	Jun 2019	136	77	7664.12	123
	Jul 2019	48	48	7663.96	123
	Aug 2019	23	38	7658.15	107
	Sep 2019	18	30	7653.42	95
	WY 2019	**346**	**268**		
	Oct 2019	14	17	7652.03	92
	Nov 2019	9	5	7653.63	96
	Dec 2019	8	5	7654.87	99
	Jan 2020	6	5	7655.32	100
	Feb 2020	5	4	7655.54	101
	Mar 2020	8	2	7657.88	107
	Apr 2020	23	4	7664.91	125
	May 2020	64	71	7662.15	118
	Jun 2020	69	70	7661.46	116
	Jul 2020	27	41	7655.64	101
	Aug 2020	17	38	7646.94	80
	Sep 2020	15	29	7640.42	65
	WY 2020	**265**	**292**		
	Oct 2020	14	16	7639.25	63
	Nov 2020	8	2	7641.95	68
	Dec 2020	6	2	7643.96	73
	Jan 2021	5	2	7645.49	76
	Feb 2021	5	2	7646.78	79
	Mar 2021	9	2	7649.57	86
	Apr 2021	23	2	7658.09	107
	May 2021	71	71	7658.20	107

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2019 24-Month Study

Most Probable Inflow*

Navajo Reservoir

	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azetea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Farmington Flow (1000 Ac-Ft)
*	Jun 2018	6	3	24	4	42	42	6044.23	1159	50
H	Jul 2018	-9	0	18	4	42	51	6036.94	1080	53
I	Aug 2018	-7	0	7	3	42	51	6028.27	991	48
S	Sep 2018	2	0	3	2	27	46	6020.80	919	43
	WY 2018	**268**	**36**	**283**	**24**	**224**	**405**			**528**
T	Oct 2018	23	1	17	1	7	31	6018.35	897	39
O	Nov 2018	15	0	10	1	0	18	6017.43	888	34
R	Dec 2018	12	0	9	0	0	18	6016.39	879	31
I	Jan 2019	13	0	10	0	0	19	6015.33	869	32
C	Feb 2019	17	0	14	1	1	16	6014.90	865	36
A	Mar 2019	114	1	113	1	4	18	6024.61	955	56
L	Apr 2019	230	24	203	2	20	20	6040.36	1117	99
*	May 2019	270	34	216	3	25	25	6054.45	1279	143
	Jun 2019	400	56	285	4	52	109	6063.93	1399	394
	Jul 2019	99	10	89	5	57	31	6063.73	1396	152
	Aug 2019	47	2	60	4	48	31	6062.02	1374	76
	Sep 2019	40	2	50	3	26	30	6061.31	1365	64
	WY 2019	**1281**	**130**	**1075**	**25**	**240**	**365**			**1157**
	Oct 2019	43	2	44	2	10	31	6061.48	1367	62
	Nov 2019	38	0	34	1	0	30	6061.72	1370	50
	Dec 2019	28	0	25	1	0	31	6061.21	1363	49
	Jan 2020	26	0	25	1	0	31	6060.70	1357	47
	Feb 2020	31	0	30	1	0	29	6060.73	1357	43
	Mar 2020	80	9	65	2	6	31	6062.84	1384	53
	Apr 2020	145	21	105	3	21	30	6066.73	1436	84
	May 2020	285	37	255	4	36	204	6067.54	1447	355
	Jun 2020	195	29	167	4	53	272	6055.01	1286	407
	Jul 2020	45	5	55	4	57	43	6050.94	1237	98
	Aug 2020	35	2	54	3	48	31	6048.54	1209	64
	Sep 2020	34	2	46	3	26	30	6047.54	1197	56
	WY 2020	**985**	**106**	**906**	**27**	**256**	**790**			**1365**
	Oct 2020	40	2	41	2	9	31	6047.47	1196	55
	Nov 2020	31	0	25	1	0	30	6046.98	1191	47
	Dec 2020	25	0	21	1	0	31	6046.04	1180	46
	Jan 2021	22	0	18	1	0	31	6044.90	1167	44
	Feb 2021	30	0	27	1	0	28	6044.75	1165	40
	Mar 2021	92	9	77	1	6	31	6048.18	1204	53
	Apr 2021	170	21	128	2	22	30	6054.45	1279	82
	May 2021	277	37	240	3	37	142	6059.11	1337	288

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2019 24-Month Study

Most Probable Inflow*

Lake Powell

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry Gage (1000 Ac-Ft)
*	Jun 2018	883	635	45	760	0	760	3609.98	5072	12728	781
H	Jul 2018	123	252	53	860	0	860	3603.80	5023	12116	877
I	Aug 2018	11	260	50	900	0	900	3597.12	4972	11477	911
S	Sep 2018	1	230	45	670	0	670	3592.28	4936	11028	690
	WY 2018	**4612**	**5459**	**386**	**9000**	**0**	**9000**				**9158**
T	Oct 2018	351	477	30	625	0	625	3590.46	4923	10862	650
O	Nov 2018	254	307	29	585	77	662	3586.50	4894	10507	669
R	Dec 2018	228	322	22	740	0	740	3581.85	4862	10099	744
I	Jan 2019	212	303	7	804	0	804	3576.34	4824	9629	815
C	Feb 2019	255	339	7	730	0	730	3571.89	4795	9261	741
A	Mar 2019	624	573	11	790	0	790	3569.28	4778	9049	798
L	Apr 2019	1242	899	18	720	0	720	3571.12	4790	9198	734
*	May 2019	2511	1980	23	720	0	720	3584.65	4881	10343	751
	Jun 2019	4400	3806	42	765	0	765	3613.84	5103	13120	776
	Jul 2019	2150	1880	57	860	0	860	3622.33	5175	14012	879
	Aug 2019	750	855	58	900	0	900	3621.44	5167	13916	917
	Sep 2019	510	660	53	683	0	683	3620.77	5161	13845	697
	WY 2019	**13488**	**12400**	**358**	**8923**	**77**	**9000**				**9171**
	Oct 2019	610	676	37	640	0	640	3620.77	5161	13844	650
	Nov 2019	580	641	36	640	0	640	3620.46	5159	13812	641
	Dec 2019	450	646	28	720	0	720	3619.56	5151	13717	726
	Jan 2020	430	586	9	860	0	860	3617.07	5130	13455	871
	Feb 2020	450	568	9	750	0	750	3615.36	5116	13278	759
	Mar 2020	630	585	16	800	0	800	3613.29	5099	13064	814
	Apr 2020	975	813	25	710	0	710	3613.99	5105	13136	725
	May 2020	2300	2156	31	710	0	710	3626.33	5209	14446	721
	Jun 2020	2700	2534	53	750	0	750	3640.40	5338	16050	761
	Jul 2020	870	835	66	850	0	850	3639.76	5332	15974	869
	Aug 2020	425	554	65	900	0	900	3636.50	5301	15594	917
	Sep 2020	380	518	59	670	0	670	3634.80	5286	15398	684
	WY 2020	**10800**	**11112**	**435**	**9000**	**0**	**9000**				**9138**
	Oct 2020	489	522	41	640	0	640	3633.52	5274	15251	650
	Nov 2020	462	504	39	640	0	640	3632.10	5261	15090	641
	Dec 2020	363	535	31	720	0	720	3630.33	5245	14889	726
	Jan 2021	361	489	10	860	0	860	3627.16	5217	14537	871
	Feb 2021	393	461	10	750	0	750	3624.62	5194	14260	759
	Mar 2021	665	570	17	800	0	800	3622.51	5176	14031	814
	Apr 2021	1056	863	27	710	0	710	3623.59	5185	14147	725
	May 2021	2343	2115	33	710	0	710	3634.97	5287	15417	721

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3095

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2019 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Glen Release (1000 Ac-Ft)	Side Inflow Glen to Hoover (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Jun 2018	760	27	53	986	16.6	28	985	634	1076.81	9748
H	Jul 2018	860	106	65	820	13.3	27	819	637	1077.43	9799
I	Aug 2018	900	74	70	749	12.2	28	748	645	1078.88	9918
S	Sep 2018	670	84	58	725	12.2	24	723	642	1078.29	9870
	WY 2018	**9000**	**690**	**541**	**9240**		**241**	**9237**			
T	Oct 2018	625	100	42	641	10.4	23	634	643	1078.52	9889
O	Nov 2018	662	67	42	690	11.6	16	689	642	1078.32	9872
R	Dec 2018	740	52	36	468	7.6	11	467	659	1081.46	10132
I	Jan 2019	804	106	30	487	7.9	8	486	682	1085.75	10493
C	Feb 2019	730	126	28	621	11.2	6	620	694	1087.97	10682
A	Mar 2019	790	201	32	738	12.0	13	737	707	1090.24	10878
L	Apr 2019	720	117	39	902	15.2	14	900	700	1088.95	10767
*	May 2019	720	107	45	989	16.1	17	988	686	1086.48	10555
	Jun 2019	765	17	54	929	15.6	39	929	671	1083.81	10330
	Jul 2019	860	80	67	851	13.8	42	851	670	1083.58	10310
	Aug 2019	900	100	72	808	13.1	39	808	675	1084.49	10387
	Sep 2019	683	91	59	759	12.7	32	759	671	1083.65	10316
	WY 2019	**9000**	**1164**	**547**	**8882**		**259**	**8868**			
	Oct 2019	640	82	43	518	8.4	34	518	678	1085.06	10435
	Nov 2019	640	54	43	660	11.1	25	660	676	1084.68	10402
	Dec 2019	720	51	37	604	9.8	22	604	683	1085.88	10504
	Jan 2020	860	83	31	577	9.4	10	577	703	1089.45	10809
	Feb 2020	750	91	28	665	11.6	10	665	711	1090.95	10939
	Mar 2020	800	57	32	991	16.1	19	991	700	1088.93	10765
	Apr 2020	710	49	39	1065	17.9	23	1065	677	1084.87	10419
	May 2020	710	30	44	1005	16.3	33	1005	656	1081.04	10097
	Jun 2020	750	17	53	928	15.6	32	928	641	1078.24	9865
	Jul 2020	850	80	66	838	13.6	35	838	641	1078.13	9857
	Aug 2020	900	100	70	735	12.0	33	735	651	1079.98	10009
	Sep 2020	670	91	58	720	12.1	26	720	648	1079.50	9970
	WY 2020	**9000**	**784**	**544**	**9306**		**302**	**9306**			
	Oct 2020	640	82	42	484	7.9	27	484	658	1081.40	10127
	Nov 2020	640	54	43	608	10.2	19	608	660	1081.68	10151
	Dec 2020	720	51	37	569	9.2	15	569	669	1083.37	10292
	Jan 2021	860	83	30	577	9.4	10	577	689	1086.97	10597
	Feb 2021	750	91	28	662	11.9	10	662	697	1088.53	10730
	Mar 2021	800	57	32	991	16.1	19	991	686	1086.50	10557
	Apr 2021	710	49	39	1065	17.9	23	1065	664	1082.40	10211
	May 2021	710	30	44	1005	16.3	33	1005	643	1078.53	9889

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3095

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2019 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Jun 2018	986	-21	26	909	0	909	15.3	644.29	1734
H	Jul 2018	820	-6	26	827	0	827	13.4	642.91	1696
I	Aug 2018	749	-13	23	730	0	730	11.9	642.29	1679
S	Sep 2018	725	-11	18	814	0	814	13.7	637.87	1561
	WY 2018	**9240**	**-103**	**198**	**8981**	**0**	**8981**			
T	Oct 2018	641	-11	15	635	0	635	10.3	637.08	1540
O	Nov 2018	690	-28	11	610	0	610	10.3	638.62	1581
R	Dec 2018	468	-14	9	386	0	386	6.3	640.79	1639
I	Jan 2019	487	-29	10	418	0	418	6.8	641.89	1668
C	Feb 2019	621	-6	10	569	0	569	10.2	643.20	1704
A	Mar 2019	738	7	13	749	0	749	12.2	642.57	1687
L	Apr 2019	902	0	17	886	0	886	14.9	642.52	1686
*	May 2019	989	-9	22	937	0	937	15.2	643.32	1707
	Jun 2019	929	-16	25	896	0	896	15.1	643.00	1699
	Jul 2019	851	-12	25	828	0	828	13.5	642.50	1685
	Aug 2019	808	-11	23	788	0	788	12.8	642.00	1671
	Sep 2019	759	-12	18	782	0	782	13.1	640.01	1617
	WY 2019	**8882**	**-143**	**198**	**8484**	**0**	**8485**			
	Oct 2019	518	-4	15	683	0	683	11.1	633.00	1434
	Nov 2019	660	-19	10	580	0	580	9.7	635.00	1486
	Dec 2019	604	-12	9	485	0	485	7.9	638.71	1583
	Jan 2020	577	-16	10	467	0	467	7.6	641.80	1666
	Feb 2020	665	-13	10	642	0	642	11.2	641.80	1666
	Mar 2020	991	-15	13	928	0	928	15.1	643.05	1700
	Apr 2020	1065	-17	17	1033	0	1033	17.4	643.00	1699
	May 2020	1005	-11	22	971	0	971	15.8	643.00	1699
	Jun 2020	928	-16	25	887	0	887	14.9	643.00	1699
	Jul 2020	838	-12	25	828	0	828	13.5	642.00	1671
	Aug 2020	735	-11	23	701	0	701	11.4	642.00	1671
	Sep 2020	720	-12	18	743	0	743	12.5	640.01	1617
	WY 2020	**9306**	**-159**	**197**	**8949**	**0**	**8949**			
	Oct 2020	484	-4	15	649	0	649	10.6	633.00	1434
	Nov 2020	608	-19	10	527	0	527	8.9	635.00	1486
	Dec 2020	569	-12	9	450	0	450	7.3	638.71	1583
	Jan 2021	577	-16	10	468	0	468	7.6	641.80	1666
	Feb 2021	662	-13	10	639	0	639	11.5	641.80	1666
	Mar 2021	991	-15	13	928	0	928	15.1	643.05	1700
	Apr 2021	1065	-17	17	1033	0	1033	17.4	643.00	1699
	May 2021	1005	-11	22	972	0	972	15.8	643.00	1699

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2019 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	Jun 2018	909	6	15	712	12.0	91	88	448.43	588	131	2.2
H	Jul 2018	827	20	17	656	10.7	101	72	448.00	580	133	2.2
I	Aug 2018	730	22	17	611	9.9	99	22	447.53	571	104	1.7
S	Sep 2018	814	9	15	512	8.6	95	164	448.95	598	94	1.6
	WY 2018	**8981**	**100**	**139**	**6479**		**910**	**1431**			**1500**	
T	Oct 2018	635	23	12	394	6.4	86	176	448.12	582	68	1.1
O	Nov 2018	610	16	9	357	6.0	85	173	447.99	580	97	1.6
R	Dec 2018	386	26	7	218	3.5	70	143	446.53	552	105	1.7
I	Jan 2019	418	19	6	250	4.1	87	91	446.58	553	122	2.0
C	Feb 2019	569	13	8	372	6.7	31	151	447.53	571	143	2.6
A	Mar 2019	749	-5	9	630	10.2	11	83	447.86	577	185	3.0
L	Apr 2019	886	6	11	712	12.0	28	144	447.29	567	170	2.9
*	May 2019	937	8	13	693	11.3	51	154	448.62	592	127	2.1
	Jun 2019	896	11	15	727	12.2	55	98	448.50	590	144	2.4
	Jul 2019	828	19	17	680	11.1	71	75	448.00	580	138	2.2
	Aug 2019	788	20	17	609	9.9	81	98	447.50	571	110	1.8
	Sep 2019	782	14	15	513	8.6	78	180	447.50	571	100	1.7
	WY 2019	**8485**	**171**	**140**	**6155**		**734**	**1564**			**1509**	
	Oct 2019	683	24	12	467	7.6	35	186	447.50	571	63	1.0
	Nov 2019	580	14	9	378	6.3	22	179	447.50	571	97	1.6
	Dec 2019	485	22	7	306	5.0	24	185	446.50	552	104	1.7
	Jan 2020	467	18	6	265	4.3	105	105	446.50	552	125	2.0
	Feb 2020	642	11	8	435	7.6	99	105	446.50	552	152	2.6
	Mar 2020	928	5	9	711	11.6	28	173	446.70	555	192	3.1
	Apr 2020	1033	12	11	733	12.3	85	168	448.70	593	178	3.0
	May 2020	971	13	13	698	11.4	87	173	448.70	593	119	1.9
	Jun 2020	887	11	16	721	12.1	85	63	448.70	593	127	2.1
	Jul 2020	828	19	17	681	11.1	87	63	448.00	580	135	2.2
	Aug 2020	701	20	17	601	9.8	87	13	447.50	571	104	1.7
	Sep 2020	743	14	15	511	8.6	85	136	447.50	571	96	1.6
	WY 2020	**8949**	**182**	**139**	**6507**		**829**	**1549**			**1491**	
	Oct 2020	649	24	12	488	7.9	41	125	447.50	571	65	1.1
	Nov 2020	527	14	9	362	6.1	40	125	447.50	571	99	1.7
	Dec 2020	450	22	7	314	5.1	41	125	446.50	552	109	1.8
	Jan 2021	468	18	6	265	4.3	106	105	446.50	552	125	2.0
	Feb 2021	639	11	8	435	7.8	96	105	446.50	552	152	2.7
	Mar 2021	928	5	9	710	11.5	29	173	446.70	555	192	3.1
	Apr 2021	1033	12	11	732	12.3	86	168	448.70	593	178	3.0
	May 2021	972	13	13	697	11.3	89	173	448.70	593	119	1.9

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2019 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Jun 2018	986	16.6	1076.81	9748	-263	428.91	1552.0	378.6	100	384.1
H	Jul 2018	820	13.3	1077.43	9799	51	432.34	1552.0	313.2	100	382.0
I	Aug 2018	749	12.2	1078.88	9918	119	435.01	1562.0	287.4	100	383.8
S	Sep 2018	725	12.2	1078.29	9870	-49	434.15	1562.0	278.7	100	384.7
	WY 2018	**9240**							**3614.3**		
T	Oct 2018	641	10.4	1078.52	9889	19	435.29	1406.1	247.8	87	386.7
O	Nov 2018	690	11.6	1078.32	9872	-16	434.47	755.0	266.1	49	385.8
R	Dec 2018	453	7.6	1081.46	10132	260	438.59	959.9	179.6	61	396.6
I	Jan 2019	487	7.9	1085.75	10493	361	442.10	1006.1	183.4	63	376.8
C	Feb 2019	621	11.2	1087.97	10682	189	443.82	1119.0	246.4	70	396.7
A	Mar 2019	738	12.0	1090.24	10878	195	444.26	1112.0	295.7	70	400.6
L	Apr 2019	902	15.2	1088.95	10767	-111	439.99	810.1	365.4	51	405.2
*	May 2019	989	16.1	1086.48	10555	-211	440.79	803.9	398.2	51	402.5
	Jun 2019	929	15.6	1083.81	10330	-226	431.52	1591.0	363.2	100	390.9
	Jul 2019	851	13.8	1083.58	10310	-19	430.35	1591.0	334.4	100	392.9
	Aug 2019	808	13.1	1084.49	10387	77	431.01	1591.0	316.3	100	391.4
	Sep 2019	759	12.7	1083.65	10316	-71	431.86	1591.0	296.6	100	390.9
	WY 2019	**8867**							**3493.0**		
	Oct 2019	518	8.4	1085.06	10435	119	435.74	1403.0	204.4	88	394.8
	Nov 2019	660	11.1	1084.68	10402	-33	439.96	1185.0	260.9	74	395.1
	Dec 2019	604	9.8	1085.88	10504	102	438.41	1206.1	237.8	75	393.7
	Jan 2020	577	9.4	1089.45	10809	305	439.84	1037.0	227.7	64	394.8
	Feb 2020	665	11.6	1090.95	10939	130	440.82	1118.0	265.6	68	399.3
	Mar 2020	991	16.1	1088.93	10765	-174	438.84	1297.0	393.0	81	396.5
	Apr 2020	1065	17.9	1084.87	10419	-346	435.70	1241.9	426.6	78	400.5
	May 2020	1005	16.3	1081.04	10097	-321	430.10	1467.0	388.0	94	386.1
	Jun 2020	928	15.6	1078.24	9865	-232	426.16	1552.0	358.4	100	386.1
	Jul 2020	838	13.6	1078.13	9857	-9	425.05	1539.0	324.7	100	387.6
	Aug 2020	735	12.0	1079.98	10009	153	426.24	1552.0	281.8	100	383.3
	Sep 2020	720	12.1	1079.50	9970	-40	427.56	1552.0	277.0	100	385.0
	WY 2020	**9306**							**3646.0**		
	Oct 2020	484	7.9	1081.40	10127	158	434.73	953.0	190.9	61	394.4
	Nov 2020	608	10.2	1081.68	10151	23	436.65	1173.5	239.5	74	394.2
	Dec 2020	569	9.2	1083.37	10292	142	435.67	1194.9	220.9	75	388.5
	Jan 2021	577	9.4	1086.97	10597	305	437.37	1019.5	226.7	64	392.9
	Feb 2021	662	11.9	1088.53	10730	133	438.39	1105.1	264.0	68	398.8
	Mar 2021	991	16.1	1086.50	10557	-174	436.43	1291.2	390.7	81	394.4
	Apr 2021	1065	17.9	1082.40	10211	-346	433.26	1233.1	424.4	78	398.3
	May 2021	1005	16.3	1078.53	9889	-321	427.63	1463.1	385.9	94	383.9

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Model Run ID: 3095

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2019 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Jun 2018	909	15.3	644.29	1734	31	143.00	255.0	115.0	100	126.6
H	Jul 2018	827	13.4	642.91	1696	-38	141.79	255.0	105.3	100	127.4
I	Aug 2018	730	11.9	642.29	1679	-17	141.02	255.0	92.7	100	127.1
S	Sep 2018	814	13.7	637.87	1561	-119	136.59	255.0	101.2	100	124.3
	WY 2018	**8981**							**1126.3**		
T	Oct 2018	635	10.3	637.08	1540	-21	135.95	184.3	77.8	72	122.4
O	Nov 2018	610	10.3	638.62	1581	40	137.20	158.1	78.4	62	128.4
R	Dec 2018	386	6.3	640.79	1639	58	140.00	153.0	47.3	60	122.5
I	Jan 2019	418	6.8	641.89	1668	30	143.26	159.6	56.8	63	135.8
C	Feb 2019	569	10.2	643.20	1704	36	144.69	209.5	68.8	82	120.9
A	Mar 2019	749	12.2	642.57	1687	-17	140.17	218.8	94.8	86	126.6
L	Apr 2019	886	14.9	642.52	1686	-1	142.03	210.8	111.9	83	126.3
*	May 2019	937	15.2	643.32	1707	22	139.79	238.6	119.5	94	127.6
	Jun 2019	896	15.1	643.00	1699	-9	139.39	255.0	112.5	100	125.6
	Jul 2019	828	13.5	642.50	1685	-14	139.55	255.0	104.1	100	125.7
	Aug 2019	788	12.8	642.00	1671	-14	139.29	255.0	98.9	100	125.5
	Sep 2019	782	13.1	640.01	1617	-54	137.92	255.0	97.1	100	124.3
	WY 2019	**8484**							**1067.8**		
	Oct 2019	683	11.1	633.00	1434	-183	134.20	208.9	82.5	82	120.9
	Nov 2019	580	9.7	635.00	1486	51	132.25	153.0	69.1	60	119.1
	Dec 2019	485	7.9	638.71	1583	97	135.91	200.7	59.4	79	122.4
	Jan 2020	467	7.6	641.80	1666	83	139.43	179.3	58.7	70	125.6
	Feb 2020	642	11.2	641.80	1666	0	139.47	189.9	80.7	74	125.7
	Mar 2020	928	15.1	643.05	1700	34	138.65	255.0	116.0	100	124.9
	Apr 2020	1033	17.4	643.00	1699	-1	138.49	255.0	128.9	100	124.8
	May 2020	971	15.8	643.00	1699	0	138.98	255.0	121.6	100	125.2
	Jun 2020	887	14.9	643.00	1699	0	139.29	255.0	111.3	100	125.5
	Jul 2020	828	13.5	642.00	1671	-27	139.30	255.0	103.9	100	125.5
	Aug 2020	701	11.4	642.00	1671	0	139.58	255.0	88.2	100	125.7
	Sep 2020	743	12.5	640.01	1617	-54	138.17	255.0	92.5	100	124.5
	WY 2020	**8949**							**1112.8**		
	Oct 2020	649	10.6	633.00	1434	-183	134.42	208.9	78.6	82	121.1
	Nov 2020	527	8.9	635.00	1486	51	132.62	153.0	63.0	60	119.5
	Dec 2020	450	7.3	638.71	1583	97	136.17	200.7	55.2	79	122.7
	Jan 2021	468	7.6	641.80	1666	83	139.43	179.3	58.8	70	125.6
	Feb 2021	639	11.5	641.80	1666	0	139.34	189.4	80.2	74	125.5
	Mar 2021	928	15.1	643.05	1700	34	138.65	255.0	115.9	100	124.9
	Apr 2021	1033	17.4	643.00	1699	-1	138.49	255.0	128.9	100	124.8
	May 2021	972	15.8	643.00	1699	0	138.98	255.0	121.7	100	125.2

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Model Run ID: 3095

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2019 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Jun 2018	712	12.0	448.43	588	-1	80.33	120.0	49.7	100	69.9
H	Jul 2018	656	10.7	448.00	580	-8	81.97	120.0	46.0	100	70.2
I	Aug 2018	611	9.9	447.53	571	-9	79.27	120.0	42.7	100	69.9
S	Sep 2018	512	8.6	448.95	598	27	83.02	120.0	35.9	100	70.1
	WY 2018	**6479**							**451.7**		
T	Oct 2018	394	6.4	448.12	582	-16	82.83	90.0	27.9	75	70.9
O	Nov 2018	357	6.0	447.99	580	-3	82.25	93.0	26.1	78	73.0
R	Dec 2018	218	3.5	446.53	552	-27	81.03	116.1	12.9	97	59.1
I	Jan 2019	250	4.1	446.58	553	1	82.75	117.1	17.0	98	68.2
C	Feb 2019	372	6.7	447.53	571	18	81.87	95.4	25.5	79	68.6
A	Mar 2019	630	10.2	447.86	577	6	82.11	111.3	44.3	93	70.4
L	Apr 2019	712	12.0	447.29	567	-11	79.40	115.0	49.5	96	69.5
*	May 2019	673	11.3	448.62	592	25	80.51	119.0	48.6	99	72.2
	Jun 2019	727	12.2	448.50	590	-2	75.91	120.0	48.4	100	66.5
	Jul 2019	680	11.1	448.00	580	-9	75.61	120.0	45.0	100	66.1
	Aug 2019	609	9.9	447.50	571	-10	75.13	120.0	39.9	100	65.5
	Sep 2019	513	8.6	447.50	571	0	74.89	120.0	33.3	100	65.0
	WY 2019	**6136**							**418.5**		
	Oct 2019	467	7.6	447.50	571	0	76.29	90.0	30.8	75	65.9
	Nov 2019	378	6.3	447.50	571	0	76.14	93.0	24.6	78	65.2
	Dec 2019	306	5.0	446.50	552	-19	74.65	114.2	19.3	95	63.1
	Jan 2020	265	4.3	446.50	552	0	75.07	94.8	16.7	79	62.8
	Feb 2020	435	7.6	446.50	552	0	75.16	93.1	28.3	78	65.1
	Mar 2020	711	11.6	446.70	555	4	74.01	120.0	46.2	100	64.9
	Apr 2020	733	12.3	448.70	593	38	75.08	120.0	48.3	100	65.9
	May 2020	698	11.4	448.70	593	0	76.05	120.0	46.4	100	66.5
	Jun 2020	721	12.1	448.70	593	0	76.05	120.0	48.0	100	66.6
	Jul 2020	681	11.1	448.00	580	-13	75.71	120.0	45.0	100	66.2
	Aug 2020	601	9.8	447.50	571	-9	75.13	120.0	39.3	100	65.5
	Sep 2020	511	8.6	447.50	571	0	74.89	120.0	33.2	100	65.0
	WY 2020	**6507**							**426.2**		
	Oct 2020	488	7.9	447.50	571	0	76.29	90.0	32.3	75	66.1
	Nov 2020	362	6.1	447.50	571	0	76.19	92.0	23.5	77	65.1
	Dec 2020	314	5.1	446.50	552	-19	74.86	109.4	19.9	91	63.3
	Jan 2021	265	4.3	446.50	552	0	75.07	94.8	16.6	79	62.8
	Feb 2021	435	7.8	446.50	552	0	75.21	92.1	28.3	77	65.2
	Mar 2021	710	11.5	446.70	555	4	74.01	120.0	46.1	100	64.9
	Apr 2021	732	12.3	448.70	593	38	75.08	120.0	48.2	100	65.9
	May 2021	697	11.3	448.70	593	0	76.05	120.0	46.3	100	66.5

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3095

Processed On: 6/14/2019 10:25:06AM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2019 24-Month Study

Most Probable Inflow*

Upper Basin Power

	Date	Glen Canyon 1000 MWHR	Flaming Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Reservoir 1000 MWHR	Fontenelle Reservoir 1000 MWHR
*	Jun 2018	343	50	27	34	20	8
H	Jul 2018	384	48	27	36	20	8
I	Aug 2018	393	50	24	33	19	7
S	Sep 2018	288	47	8	29	16	1
	Summer 2018	**2045**	**297**	**133**	**193**	**111**	**36**
T	Oct 2018	268	39	11	19	9	4
O	Nov 2018	248	36	5	4	2	5
R	Dec 2018	313	47	5	6	2	5
I	Jan 2019	335	47	4	6	1	4
C	Feb 2019	302	42	6	8	1	3
A	Mar 2019	325	22	6	9	4	3
	Winter 2019	**1790**	**233**	**36**	**51**	**19**	**24**
L	Apr 2019	294	27	9	14	10	4
*	May 2019	299	38	23	45	21	6
	Jun 2019	303	104	57	90	22	9
	Jul 2019	354	52	22	31	21	10
	Aug 2019	373	52	34	40	21	10
	Sep 2019	283	51	33	40	20	3
	Summer 2019	**1907**	**325**	**178**	**260**	**115**	**41**
	Oct 2019	264	35	26	31	16	5
	Nov 2019	264	33	24	29	15	4
	Dec 2019	297	57	34	41	21	4
	Jan 2020	353	63	16	21	11	4
	Feb 2020	307	59	10	13	0	0
	Mar 2020	327	33	11	14	8	0
	Winter 2020	**1813**	**280**	**120**	**149**	**71**	**18**
	Apr 2020	289	24	16	24	14	0
	May 2020	293	25	61	98	23	0
	Jun 2020	317	89	15	25	18	7
	Jul 2020	363	45	25	31	17	10
	Aug 2020	383	45	28	33	17	9
	Sep 2020	285	43	27	32	16	2
	Summer 2020	**1931**	**271**	**172**	**243**	**105**	**28**
	Oct 2020	271	25	18	22	12	5
	Nov 2020	270	25	18	21	11	4
	Dec 2020	303	43	33	40	20	4
	Jan 2021	360	43	20	25	13	4
	Feb 2021	313	38	10	13	7	0
	Mar 2021	332	22	0	12	7	0
	Winter 2021	**1516**	**172**	**99**	**122**	**62**	**18**
	Apr 2021	294	22	0	24	14	0
	May 2021	298	26	2	92	23	0

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3095

Processed On: 6/14/2019 10:25:06AM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

June 2019 24-Month Study

Most Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions

Date	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Total KAF	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****EFFECTIVE SPACE****										
Jun 2019	512	382	417	13979	15291	16822	32113	251	382	234	868	13979	16822	31669	1500	929	0	31.8
Jul 2019	392	142	297	11202	12032	17047	29080	115	142	58	315	11202	17047	28564	1500	851	0	32.8
								****CREDITABLE SPACE****										
Aug 2019	295	0	300	10310	10906	17067	27972	295	0	300	596	10310	17067	27972	1500	808	0	32.7
Sep 2019	357	16	322	10406	11101	16990	28091	357	16	322	695	10406	16990	28091	2270	759	0	32.3
Oct 2019	446	59	331	10477	11313	17061	28374	446	59	331	836	10477	17061	28374	3040	518	0	32.2
Nov 2019	484	94	329	10478	11385	16942	28327	484	94	329	908	10478	16942	28327	3810	660	0	32.1
Dec 2019	517	133	326	10510	11486	16975	28461	517	133	326	976	10510	16975	28461	4580	604	0	32.0
Jan 2020	632	211	333	10605	11781	16873	28654	632	211	333	1176	10605	16873	28654	5350	577	0	32.0
								****EFFECTIVE SPACE****										
Jan 2020	632	211	333	10605	11781	16873	28654	175	206	64	446	10605	16873	27924	5350	577	0	32.0
Feb 2020	757	237	339	10867	12200	16568	28768	302	231	70	603	10867	16568	28038	1500	665	0	31.8
Mar 2020	868	246	339	11044	12497	16438	28935	414	239	69	722	11044	16438	28205	1500	991	0	31.5
Apr 2020	864	243	312	11258	12676	16612	29288	406	237	35	678	11258	16612	28548	1500	1065	0	31.4
May 2020	802	223	260	11186	12470	16958	29429	337	218	-41	514	11186	16958	28658	1500	1005	0	32.5
Jun 2020	653	254	249	9876	11032	17280	28312	174	244	-92	326	9876	17280	27482	1500	928	0	34.0
Jul 2020	565	51	410	8272	9299	17512	26811	77	18	12	107	8272	17512	25891	1500	838	0	33.9
								****CREDITABLE SPACE****										
Aug 2020	505	29	459	8348	9341	17520	26861	505	29	459	993	8348	17520	26861	1500	735	0	33.6
Sep 2020	568	51	487	8728	9835	17368	27203	568	51	487	1106	8728	17368	27203	2270	720	0	33.1
Oct 2020	647	84	499	8924	10154	17407	27561	647	84	499	1230	8924	17407	27561	3040	484	0	32.9
Nov 2020	667	102	500	9071	10339	17250	27589	667	102	500	1269	9071	17250	27589	3810	608	0	32.8
Dec 2020	689	125	505	9232	10552	17226	27778	689	125	505	1319	9232	17226	27778	4580	569	0	32.6
Jan 2021	771	210	516	9433	10929	17085	28014	771	210	516	1497	9433	17085	28014	5350	577	0	32.5
								****EFFECTIVE SPACE****										
Jan 2021	771	210	516	9433	10929	17085	28014	374	187	228	789	9433	17085	27307	5350	577	0	32.5
Feb 2021	848	252	529	9785	11414	16780	28193	451	230	240	921	9785	16780	27486	1500	662	0	32.3
Mar 2021	908	262	531	10062	11763	16647	28410	510	240	241	991	10062	16647	27701	1500	991	0	32.0
Apr 2021	872	253	492	10291	11908	16820	28728	469	233	195	897	10291	16820	28009	1500	1065	0	32.0
May 2021	806	233	417	10175	11631	17166	28797	395	213	97	704	10175	17166	28045	1500	1005	0	33.2

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3095

Processed On: 6/14/2019 10:25:06AM

July 24-Month Study
Date: July 15, 2019

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

Reservoir	June Inflow (unregulated) (acre-feet)	Percent of Average (%)	July 14, Midnight Elevation (feet)	July 14, Midnight Reservoir Storage (acre-feet)
Fontenelle	337,000	113	6,497.24	277,700
Flaming Gorge	460,000	118	6,034.09	3,510,000
Blue Mesa	471,000	180	7,517.08	808,600
Navajo	491,000	220	6,075.19	1,554,000
Powell	4,206,000	158	3,619.66	13,727,000

Expected Operations

The operation of Lake Powell and Lake Mead in this July 2019 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines) and reflects the draft 2019 Annual Operating Plan (AOP). Pursuant to the Interim Guidelines, the August 2018 24-Month Study projections of the January 1, 2019, system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2019.

Consistent with Section 6.B of the Interim Guidelines, the Lake Powell operational tier for water year 2019 will be governed by the Upper Elevation Balancing Tier. With an 8.23 million acre-foot (maf) release from Lake Powell in water year 2019, the April 2019 24-Month Study projected the end of water year elevation at Lake Powell to be above 3,575 feet, and the end of water year elevation at Lake Mead to be below 1,075 feet. Therefore, in accordance with Section 6.B.4 of the Interim Guidelines, Lake Powell operations shifted to balancing releases for the remainder of water year 2019. Under Section 6.B.4, the contents of Lake Powell and Lake Mead will be balanced by the end of the water year, but not more than 9.0 maf and not less than 8.23 maf shall be released from Lake Powell. Based on the most probable inflow forecast, this July 24-Month Study projects a balancing release of 9.0 maf in water year 2019; however, the actual release in water year 2019 will depend on hydrology in the remainder of the water year

and will range between 8.23 and 9.0 maf. The projected release from Lake Powell in water year 2019 will be updated each month throughout the remainder of the water year.

Consistent with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar year 2019.

The Interim Guidelines are available for download at:
https://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The draft 2019 AOP is available for download at:
https://www.usbr.gov/lc/region/g4000/AOP2019/AOP19_draft.pdf

Fontenelle Reservoir – Fontenelle Reservoir is currently at elevation 6494.58 feet, which amounts to 75 percent of live storage capacity. Inflows for the month of June totaled 337,000 acre-feet (af) or 113 percent of average. Releases are currently ramping down to pass lower spring runoff and will continue until the middle of July. Releases are expected to be between 1000 cfs – 1500 cfs. This will continue through the later part of July and early part of August to increase the pool elevation to optimize a bathymetric survey.

The Colorado Basin River Forecast Center has forecasted inflows that are near average. July, August, and September forecasted inflow volumes amount to 207,000 af (117 percent of average), 77,000 af (101 percent of average), and 55,000 af (120 percent of average), respectively.

The next Fontenelle Working Group meeting is scheduled for August 22, 2019. The meeting will be held at the Water Treatment Facility, 3 Telephone Canyon Road, Green River, WY 82935. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir.

Flaming Gorge Reservoir – Reclamation has completed the Larval Trigger Study Plan (LTSP) and achieved 10 days at the targeted flows. This was achieved by using full powerplant releases and supplemented with full to partial bypass with most of the flow provided by the Yampa River to attain flows between to 18,600 cfs to 20,300 cfs at the USGS Jensen gage. The Colorado Pikeminnow base flow study will be next and will be initiated in the upcoming weeks. Targeted flows at the USGS Jensen gage with the combination of Flaming Gorge releases and Yampa River flows will be between 2000 cfs to 2600 cfs. Releases from Flaming Gorge Dam will depend on how much flow is provided by the Yampa River.

The July final forecast for unregulated inflows into Flaming Gorge for the next three months projects near average conditions: July, August, and September forecasted unregulated inflow volumes at 268,000 af (128 percent of average), 95,000 af (107 percent of average), and 60,000 af (109 percent of average), respectively.

Reclamation will be holding the Flaming Gorge Working Group meeting on August 15th at 10 a.m. in Price, Utah County Event Center (310 South Fairgrounds Road). The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stakeholders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations and plans presented by Reclamation at these meetings. Meeting notes from past Working Group meetings are posted on the Working Group webpage. For more information on this group and these meetings please contact Dale Hamilton at 801-379-1186.

Aspinall Unit Reservoirs – As of July 10, 2019 releases from Crystal Dam are approximately 3,000 cfs. Uncompahgre Valley Water Users Association is diverting approximately 875 cfs through the Gunnison Tunnel and flows in the Black Canyon are about 2,170 cfs. Releases from Aspinall are currently being managed to control the storage of water in Blue Mesa Reservoir. By the end of July, Blue Mesa should be very nearly full.

Inflows to Blue Mesa were very significant in May and June and have continued into July. On July 10, 2019, the inflow to Blue Mesa was 4,559 cfs and the water surface elevation of Blue Mesa was 7,515,49 feet which is less than 4 feet from the maximum water surface elevation. By the end of July, Blue Mesa Reservoir is projected to be very nearly full at an elevation of approximately 7519 feet which is within 0.4 feet of full capacity. This elevation corresponds to a storage level in Blue Mesa Reservoir of approximately 826,500 acre-feet which is 99.6 percent of full capacity.

The June unregulated inflow to Blue Mesa Reservoir was 470,900 af (180 percent of average). Unregulated Inflows to Blue Mesa for the next three months (July, August and September) are projected to be: 253,000 af (216 percent of average), 85,000 af (134 percent of average) and 52,000 af (137 percent of average), respectively. The July 24-Month Study is reflective of these new forecasts. The water year unregulated inflow forecast volume for 2019 is 1,328 kaf which is 139 percent of average.

The Aspinall Unit Working Group is an open public forum for information exchange between Reclamation and the stakeholders of the Aspinall Unit. The public is encouraged to attend and comments on the operations and plans presented by Reclamation at these meetings. Meeting notes from past working Group meetings are posted on the Working Group webpage. For more information on this group and these meetings please contact Erik Knight in the Grand Junction Area Office at (970) 248-0629.

Meeting notes from past working Group meetings are posted on the Working Group webpage at:

https://www.usbr.gov/uc/wcao/water/rsvrs/mtgs/amcurrnt.html

The next meeting of the Aspinall Unit Working Group will be held on Tuesday, August 15, 2019 at 1:00 pm at the Elk Creek Visitor Center at Blue Mesa Reservoir.

Navajo Reservoir – On July 7th, the daily average release rate from Navajo Dam was approximately 830 cfs while reservoir inflow (modified unregulated) was averaging approximately 3,150 cfs. The water surface elevation was 6074.3 feet above sea level. At this elevation the live storage is 1.54 maf (91 percent of live storage capacity) and the active storage is 0.88 maf (85 percent of active storage capacity). NIIP was diverting 647 cfs from the reservoir. The river flow measured at the San Juan River at Four Corners USGS gage was 4,280 cfs. River flow at the Animas River at Farmington USGS gage was at 3,340 cfs.

Releases from Navajo Dam are made for authorized purposes of the Navajo Unit and are pursuant to the Record of Decision for the Navajo Reservoir Operations.

Preliminary modified-unregulated inflow into Navajo (inflow adjusted for upstream change in storage, reservoir evaporation and exportation from the basin) in June was 491 kaf (220 percent of average for the month).

Forecast modified-unregulated inflow to Navajo over the next three months (July, August and September) are projected to be: 129 kaf (196 percent of average), 45 kaf (100 percent of average), and 43 kaf (100 percent of average), respectively.

The April through July runoff forecasts are as follows: Min Probable: 1,100 kaf (149 percent of average) Most Probable: 1,120 kaf (152 percent of average) Max Probable: 1,160 kaf (157 percent of average)

A maintenance release was conducted from Navajo Dam from June 3rd through June 15th. The release peaked at 5,000 cfs on June 12th. The reservoir is likely to peak in the next several days at an elevation near 6075.5 ft.

Reclamation conducts Public Operations Meetings three times per year to gather input for determining upcoming operations for Navajo Reservoir. Input from individuals, organizations, and agencies along with other factors such as weather, water rights, endangered species requirements, flood control, hydro power, recreation, fish and wildlife management, and reservoir levels, will be considered in the development of these reservoir operation plans. In addition, the meetings are used to coordinate activities and exchange information among agencies, water users, and other interested parties concerning the San Juan River and Navajo Reservoir. The next Navajo Unit Coordination Meeting will be held Tuesday, August 20, 2019 at 1:00 pm at the Farmington Civic Center (200 West Arrington, Farmington, NM).

Glen Canyon Dam / Lake Powell

Current Status
The Department of the Interior is conducting the first experimental flow at Glen Canyon Dam since implementing its Long-Term Experimental and Management Plan (LTEMP). The goal is to provide enhanced habitat for the lifecycle of aquatic insects that are the primary food source for fish in the Colorado River.

Experiments under LTEMP consist of four different flow regimes: high flows, bug flows, trout management flows, and low summer flows. Collaborative discussions among technical experts resulted in a decision to begin this first experiment on May 1 and continue through August 31, 2018. This experiment is being continued for 2019, same time period, (May – August). It will slightly modify the schedule and flow rates of water releases from Lake Powell through Glen Canyon Dam, Arizona. The normally scheduled monthly and weekly release volumes will not be affected.

Flows during the experiment will include steady weekend water releases with routine hydropower production flows on weekdays that include normal hourly changes in release rates. Those steady weekend flows are expected to provide favorable conditions for aquatic insects to lay and cement their eggs to rocks, vegetation, and other materials near the river's edge. Steady weekend flows will be relatively low, within four inches of typical weekday low water levels. It is unlikely casual recreational river users will notice the changes in water levels.

Insects expected to benefit from this experiment are an important food source for many species of fish, birds, and bats in the canyon. Beyond expected resource benefits, this experiment will also provide scientific information that will be used in future decision making.

The unregulated inflow volume to Lake Powell during June was 4.21 (maf) (158 percent of average). The release volume from Glen Canyon Dam in June was 765 thousand acre-feet (kaf). The end of June elevation and storage of Lake Powell were 3,612 ft (88 feet from full pool) and 12.91 maf (53 percent of full capacity), respectively.

Current Operations

The operating tier for water year 2019 was established in August 2018 as the Upper Elevation Balancing Tier. As described in the Interim Guidelines, under balancing, the contents of Lake Powell and Lake Mead are to be balanced by the end of the water year, but not more than 9.0 maf and not less than 8.23 maf is to be released from Lake Powell. Under this Tier the initial annual water year release volume is 8.23 maf, and the April 2019 24-Month Study projects the end of water year elevation at Lake Powell to be above 3,575 feet, and the end of water year elevation at Lake Mead to be below 1,075 feet. Lake Powell operations have shifted to balancing releases for the remainder of water year 2019. Lake Powell is currently projected to release 9.0 maf in water year 2019; and this projection will be updated each month throughout the remainder of the water year.

In July, the release volume will be approximately 860 kaf, with fluctuations anticipated between about 12,100 cfs in the nighttime to about 15,560 cfs in the daytime with 12,857 cfs steady releases during the weekend, and consistent with the Glen Canyon Dam, Record of Decision (dated December 2016). The anticipated release volume for August is 900 kaf with daily fluctuations between approximately 11,000 cfs and 19,000 cfs with weekend steady flows of 11,750 cfs. The expected release for September is 683 kaf.

In addition to daily scheduled fluctuations for power generation, the instantaneous releases from Glen Canyon Dam may also fluctuate to provide 40 megawatts (mw) of system regulation. These instantaneous release adjustments stabilize the electrical generation and transmission system and translate to a range of about 1,200 cfs above or below the hourly scheduled release rate. Under system normal conditions, fluctuations for regulation are typically short lived and generally balance out over the hour with minimal or no noticeable impacts on downstream river flow conditions.

Releases from Glen Canyon Dam can also fluctuate beyond scheduled releases when called upon to respond to unscheduled power outages or power system emergencies. Depending on the severity of the system emergency, the response from Glen Canyon Dam can be significant, within the full range of the operating capacity of the power plant for as long as is necessary to maintain balance in the transmission system. Glen Canyon Dam currently maintains 30 mw (approximately 800 cfs) of generation capacity in reserve in order to respond to a system emergency even when generation rates are already high. System emergencies occur fairly infrequently and typically require small responses from Glen Canyon Dam. However, these responses can have a noticeable impact on the river downstream of Glen Canyon Dam.

Inflow Forecasts and Model Projections

The forecast for water year 2019 unregulated inflow to Lake Powell, issued on July 2, 2019, by the Colorado Basin River Forecast Center, projects that the most probable (median) unregulated inflow volume this year will be 13.82 maf (128 percent of average). There is significant uncertainty regarding this season's snow pack development and resulting runoff into Lake Powell. Reclamation updates the minimum and maximum probable forecasts four times a year: January, April, August and October. The April forecast ranges from a minimum probable of 9.68 maf (89 percent of average) to a maximum probable of 15.26 maf (141 percent of average). There is a 10 percent chance that inflows could be higher than the current maximum probable forecast and a 10 percent chance that inflows could be lower than the minimum probable forecast.

Based on the current forecast, the July 24-Month Study projects Lake Powell elevation will end water year 2019 near 3,623.86 feet with approximately 14.18 maf in storage (58 percent of capacity). Note that projections of elevation and storage for water year 2019 have significant uncertainty at this point in the season. Projections of end of water year 2019 elevation and storage using the minimum and maximum probable inflow forecast from April 2019 are 3,590.25 feet (10.84 maf, 46 percent of capacity) and 3,632.38 feet (15.12 maf, 65 percent of capacity), respectively. Under these scenarios, there is a 10 percent chance that inflows will be higher, resulting in higher elevation and storage, and 10 percent chance that inflows will be lower, resulting in lower elevation and storage. The annual release volume from Lake Powell during water year 2019 is projected to be 9.0 maf under the July most probable scenario, and 9.0 maf under the April maximum and minimum probable inflow scenarios.

Upper Colorado River Basin Hydrology

Upper Colorado River Basin regularly experiences significant year to year hydrologic

variability. During the 19-year period 2000 to 2018, however, the unregulated inflow to Lake Powell, which is a good measure of hydrologic conditions in the Colorado River Basin, was above average in only 4 out of the past 19 years. The period 2000-2018 is the lowest 19-year period since the closure of Glen Canyon Dam in 1963, with an average unregulated inflow of 8.54 maf, or 79 percent of the 30-year average (1981-2010). (For comparison, the 1981-2010 total water year average is 10.83 maf.) The unregulated inflow during the 2000-2018 period has ranged from a low of 2.64 maf (24 percent of average) in water year 2002 to a high of 15.97 maf (147 percent of average) in water year 2011. In water year 2018 unregulated inflow volume to Lake Powell was 4.6 maf (43 percent of average), the third driest year on record above 2002 and 1977. Under the current most probable forecast, the total water year 2019 unregulated inflow to Lake Powell is projected to be 13.82 maf (128 percent of average).

At the beginning of water year 2019, total system storage in the Colorado River Basin was 28.01 maf (47 percent of 59.6 maf total system capacity). This is a decrease of 4.91 maf over the total storage at the beginning of water year 2018 when total system storage was 32.92 maf (55 percent of capacity). Since the beginning of water year 2000, total Colorado Basin storage has experienced year to year increases and decreases in response to wet and dry hydrology, ranging from a high of 94 percent of capacity at the beginning of 2000 to the now current level of 47 percent of capacity at the beginning of water year 2019. Based on current inflow forecasts, the current projected end of water year total Colorado Basin reservoir storage for water year 2019 is approximately 32.5 maf (54 percent of total system capacity). The actual end of water year 2019 system storage may vary from this projection, primarily due to uncertainty regarding this season’s runoff and reservoir inflow.

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-430
125 SOUTH STATE STREET, ROOM 8100
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-3709

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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:	Obs			jun	Forecast			Outlook	
:	mar	apr	may	jun	%Avg	jul	aug	sep	apr-jul %Avg
GLDA3:Lake Powell	624	1242	2511	4206	158%:	2640/	750/	550/	10600/: 148%
GBRW4:Fontenelle	37	114	167	337	113%:	207/	77/	50/	825/: 114%
GRNU1:Flaming Gorge	74	240	252	460	118%:	268/	95/	60/	1220/: 124%
BMDC2:Blue Mesa	28	122	214	471	180%:	253/	85/	52/	1060/: 157%
MPSC2:Morrow Point	29	136	240	512	182%:	272/	90/	55/	1160/: 157%
CLSC2:Crystal	34	150	264	558	177%:	305/	95/	60/	1280/: 153%
TPIC2:Taylor Park	4.7	10.5	21	68	163%:	40/	14/	9/	140/: 141%
VCRC2:Vallecito	5.6	32	58	160	227%:	49/	23/	18/	300/: 155%
NVRN5:Navajo	114	230	270	491	220%:	129/	45/	43/	1120/: 152%
LEMC2:Lemon	0.77	5.8	12.1	46	221%:	14/	5/	4/	78/: 142%
MPHC2:McPhee	10.8	105	116	181	242%:	53/	16/	12/	455/: 154%
RBSC2:Ridgway	5.8	10.9	15.9	50	127%:	45/	18/	10/	121/: 120%
YDLC2:Deerlodge	50	260	458	640	156%:	202/	30/	15/	1560/: 126%

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2019 24-Month Study

Most Probable Inflow*

Fontenelle Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jul 2018	138	3	92	8	100	6503.79	327
H	Aug 2018	50	2	75	1	76	6500.10	299
I	Sep 2018	30	2	7	58	65	6495.11	262
	WY 2018	**1397**	**15**	**856**	**528**	**1382**		
S	Oct 2018	42	1	45	20	65	6491.62	238
T	Nov 2018	38	1	60	0	60	6488.29	216
O	Dec 2018	30	1	61	1	61	6483.19	184
R	Jan 2019	28	1	61	0	61	6476.81	150
I	Feb 2019	26	0	55	1	56	6470.41	120
C	Mar 2019	37	0	61	0	61	6464.13	95
A	Apr 2019	114	1	71	0	71	6474.10	137
L	May 2019	167	1	98	0	98	6486.46	204
*	Jun 2019	337	2	107	171	278	6494.89	261
	Jul 2019	207	3	103	14	117	6506.40	349
	Aug 2019	77	2	89	0	89	6504.65	335
	Sep 2019	50	2	36	39	74	6501.27	309
	WY 2019	**1153**	**15**	**848**	**245**	**1093**		
	Oct 2019	49	1	77	0	77	6497.39	280
	Nov 2019	44	1	74	0	74	6493.02	248
	Dec 2019	37	1	77	0	77	6486.90	208
	Jan 2020	32	1	77	0	77	6479.19	162
	Feb 2020	30	0	72	0	72	6470.23	120
	Mar 2020	48	0	71	0	71	6464.28	96
	Apr 2020	75	1	76	0	76	6463.77	94
	May 2020	155	1	95	9	105	6475.47	144
	Jun 2020	275	2	101	28	129	6498.57	288
	Jul 2020	170	3	103	30	132	6503.17	323
	Aug 2020	65	2	103	2	105	6497.66	282
	Sep 2020	45	2	21	74	95	6490.17	230
	WY 2020	**1025**	**14**	**947**	**142**	**1090**		
	Oct 2020	48	1	61	0	61	6487.99	215
	Nov 2020	42	1	60	0	60	6485.14	197
	Dec 2020	32	1	61	0	61	6480.00	167
	Jan 2021	30	0	61	0	61	6473.60	135
	Feb 2021	28	0	56	0	56	6466.98	107
	Mar 2021	53	0	61	0	61	6464.58	97
	Apr 2021	85	1	85	0	85	6464.48	97
	May 2021	164	1	96	8	105	6477.77	155
	Jun 2021	299	2	101	73	174	6497.25	279

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2019 24-Month Study

Most Probable Inflow*

Flaming Gorge Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	Jul 2018	140	102	14	120	0	120	142	6034.33	3519	141
H	Aug 2018	42	68	13	124	0	124	139	6032.67	3453	142
I	Sep 2018	17	52	11	119	0	119	136	6030.75	3378	132
	WY 2018	**1594**	**1580**	**82**	**1608**	**7**	**1616**				**2638**
S	Oct 2018	52	75	7	99	0	99	135	6029.99	3349	131
T	Nov 2018	41	63	4	93	0	93	133	6029.15	3316	121
O	Dec 2018	29	60	2	124	0	124	131	6027.49	3253	153
R	Jan 2019	34	68	2	124	0	124	129	6026.01	3198	154
I	Feb 2019	34	63	2	112	0	112	127	6024.69	3149	143
C	Mar 2019	74	99	3	58	0	58	128	6025.67	3185	128
A	Apr 2019	240	198	5	71	0	71	133	6028.79	3303	341
L	May 2019	252	183	8	99	0	99	136	6030.71	3376	568
*	Jun 2019	460	400	11	215	100	315	139	6032.55	3448	950
	Jul 2019	268	178	14	109	0	109	141	6033.88	3501	311
	Aug 2019	95	107	13	132	0	132	139	6032.95	3464	162
	Sep 2019	60	84	12	128	0	128	137	6031.60	3411	143
	WY 2019	**1640**	**1579**	**83**	**1362**	**100**	**1462**				**3306**
	Oct 2019	63	91	8	93	0	93	137	6031.35	3402	123
	Nov 2019	60	90	4	77	0	77	137	6031.59	3411	110
	Dec 2019	40	80	2	128	0	128	135	6030.35	3363	155
	Jan 2020	46	91	2	163	0	163	132	6028.50	3292	187
	Feb 2020	49	91	2	152	0	152	130	6026.88	3230	176
	Mar 2020	98	121	3	126	0	126	130	6026.67	3223	197
	Apr 2020	135	136	5	122	0	122	130	6026.92	3232	337
	May 2020	230	180	8	68	0	68	134	6029.55	3332	608
	Jun 2020	340	194	10	243	0	243	132	6028.05	3274	693
	Jul 2020	200	162	14	123	0	123	133	6028.70	3299	198
	Aug 2020	74	114	13	123	0	123	132	6028.14	3278	144
	Sep 2020	50	100	11	117	0	117	131	6027.43	3251	132
	WY 2020	**1385**	**1450**	**80**	**1536**	**0**	**1536**				**3061**
	Oct 2020	55	69	7	68	0	68	131	6027.28	3245	96
	Nov 2020	50	67	3	67	0	67	130	6027.19	3242	97
	Dec 2020	35	64	2	117	0	117	128	6025.80	3190	142
	Jan 2021	40	72	2	117	0	117	127	6024.58	3145	142
	Feb 2021	45	72	2	104	0	104	125	6023.70	3113	132
	Mar 2021	102	111	3	61	0	61	127	6024.93	3158	138
	Apr 2021	134	133	5	60	0	60	130	6026.71	3224	275
	May 2021	245	186	8	71	0	71	134	6029.42	3327	603
	Jun 2021	390	264	11	238	18	256	134	6029.37	3325	676

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July 2019 24-Month Study

Most Probable Inflow*

Taylor Park Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jul 2018	5	14	9311.71	73
H	Aug 2018	3	13	9305.51	63
I	Sep 2018	3	8	9301.71	58
	WY 2018	**88**	**108**		
S	Oct 2018	5	3	9302.60	59
T	Nov 2018	3	3	9302.61	59
O	Dec 2018	4	3	9302.74	59
R	Jan 2019	4	3	9302.92	59
I	Feb 2019	3	3	9303.16	60
C	Mar 2019	5	4	9303.75	60
A	Apr 2019	10	7	9306.14	64
L	May 2019	21	26	9302.64	59
*	Jun 2019	68	38	9320.92	89
	Jul 2019	40	28	9327.23	101
	Aug 2019	14	24	9321.87	90
	Sep 2019	9	23	9314.18	77
	WY 2019	**185**	**166**		
	Oct 2019	8	9	9313.32	75
	Nov 2019	7	8	9312.95	75
	Dec 2019	6	5	9313.74	76
	Jan 2020	5	5	9313.97	76
	Feb 2020	5	4	9314.38	77
	Mar 2020	5	7	9313.35	75
	Apr 2020	8	10	9312.44	74
	May 2020	30	25	9315.40	79
	Jun 2020	40	19	9327.04	100
	Jul 2020	17	23	9323.90	94
	Aug 2020	9	23	9316.44	81
	Sep 2020	7	22	9307.25	66
	WY 2020	**147**	**158**		
	Oct 2020	6	9	9305.50	63
	Nov 2020	5	7	9303.83	61
	Dec 2020	5	5	9303.83	61
	Jan 2021	4	5	9303.65	60
	Feb 2021	4	4	9303.30	60
	Mar 2021	4	7	9301.68	57
	Apr 2021	9	10	9301.14	57
	May 2021	28	13	9311.30	72
	Jun 2021	42	19	9324.41	95

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Managing Water in the West

July 2019 24-Month Study

Most Probable Inflow*

Blue Mesa Reservoir

	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jul 2018	21	31	1	101	0	101	7464.43	399
H	Aug 2018	19	28	1	93	0	93	7453.77	334
I	Sep 2018	12	17	1	30	39	68	7444.44	282
	WY 2018	**433**	**453**	**7**	**856**	**39**	**895**		
S	Oct 2018	23	22	0	46	11	56	7437.59	248
T	Nov 2018	22	21	0	19	0	19	7438.08	250
O	Dec 2018	20	19	0	21	0	21	7437.82	249
R	Jan 2019	20	20	0	17	0	17	7438.40	252
I	Feb 2019	20	20	0	23	0	23	7437.59	248
C	Mar 2019	28	27	0	25	0	25	7438.01	250
A	Apr 2019	121	118	0	33	0	33	7453.91	335
L	May 2019	214	218	1	86	18	105	7471.68	447
*	Jun 2019	471	444	1	124	70	194	7504.14	696
	Jul 2019	253	241	2	108	0	108	7519.09	827
	Aug 2019	85	95	1	108	32	140	7513.96	781
	Sep 2019	52	66	1	104	4	108	7509.00	737
	WY 2019	**1328**	**1311**	**8**	**713**	**136**	**849**		
	Oct 2019	46	47	1	82	0	82	7504.87	702
	Nov 2019	38	39	0	77	0	77	7500.20	663
	Dec 2019	33	32	0	110	0	110	7490.42	585
	Jan 2020	30	30	0	53	0	53	7487.33	561
	Feb 2020	26	25	0	39	0	39	7485.45	546
	Mar 2020	38	40	0	36	0	36	7485.88	550
	Apr 2020	73	75	1	54	0	54	7488.51	570
	May 2020	220	215	1	204	53	257	7482.77	526
	Jun 2020	275	254	1	72	0	72	7505.45	707
	Jul 2020	97	103	2	67	0	67	7509.48	741
	Aug 2020	54	68	1	76	0	76	7508.36	732
	Sep 2020	40	55	1	87	0	87	7504.46	698
	WY 2020	**970**	**981**	**9**	**958**	**53**	**1011**		
	Oct 2020	40	42	1	59	0	59	7502.35	681
	Nov 2020	32	34	0	54	0	54	7499.95	661
	Dec 2020	26	26	0	98	0	98	7490.93	589
	Jan 2021	24	25	0	67	0	67	7485.35	546
	Feb 2021	22	23	0	33	0	33	7484.00	536
	Mar 2021	36	38	0	0	29	29	7485.17	544
	Apr 2021	77	78	1	0	57	57	7487.88	565
	May 2021	221	206	1	6	231	237	7483.57	532
	Jun 2021	261	238	1	59	0	59	7505.79	710

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Managing Water in the West

July 2019 24-Month Study

Most Probable Inflow*

Morrow Point Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jul 2018	22	101	1	102	101	0	101	7155.49	113
H	Aug 2018	19	93	0	93	94	0	94	7153.96	112
I	Sep 2018	14	68	2	70	84	0	84	7135.77	98
	WY 2018	**460**	**895**	**27**	**922**	**935**	**0**	**937**		
S	Oct 2018	24	56	1	57	56	0	56	7136.92	99
T	Nov 2018	23	19	1	20	13	0	15	7143.47	104
O	Dec 2018	21	21	1	22	18	0	18	7147.95	107
R	Jan 2019	21	17	1	17	18	0	18	7147.00	107
I	Feb 2019	20	23	0	24	23	0	23	7147.57	107
C	Mar 2019	29	25	1	26	26	0	26	7146.90	107
A	Apr 2019	136	33	15	47	41	0	41	7155.16	113
L	May 2019	240	105	25	130	127	0	131	7154.68	113
*	Jun 2019	512	194	41	235	186	0	234	7155.10	113
	Jul 2019	272	108	19	127	128	0	128	7153.73	112
	Aug 2019	90	140	5	145	145	0	145	7153.73	112
	Sep 2019	55	108	3	111	111	0	111	7153.73	112
	WY 2019	**1442**	**849**	**114**	**963**	**895**	**0**	**949**		
	Oct 2019	49	82	3	85	85	0	85	7153.73	112
	Nov 2019	41	77	3	80	80	0	80	7153.73	112
	Dec 2019	37	110	4	114	114	0	114	7153.73	112
	Jan 2020	33	53	3	56	56	0	56	7153.73	112
	Feb 2020	29	39	3	42	42	0	42	7153.73	112
	Mar 2020	42	36	4	40	40	0	40	7153.73	112
	Apr 2020	86	54	13	67	67	0	67	7153.73	112
	May 2020	245	257	25	282	282	0	282	7153.73	112
	Jun 2020	295	72	20	92	92	0	92	7153.73	112
	Jul 2020	104	67	7	74	74	0	74	7153.73	112
	Aug 2020	57	76	3	79	79	0	79	7153.73	112
	Sep 2020	42	87	2	89	89	0	89	7153.73	112
	WY 2020	**1060**	**1011**	**90**	**1101**	**1101**	**0**	**1101**		
	Oct 2020	42	59	2	61	61	0	61	7153.73	112
	Nov 2020	34	54	2	56	56	0	56	7153.73	112
	Dec 2020	28	98	2	100	100	0	100	7153.73	112
	Jan 2021	27	67	2	70	70	0	70	7153.73	112
	Feb 2021	25	33	3	35	35	0	35	7153.73	112
	Mar 2021	40	29	4	33	33	0	33	7153.73	112
	Apr 2021	88	57	11	68	68	0	68	7153.73	112
	May 2021	247	237	26	263	263	0	263	7153.73	112
	Jun 2021	281	59	20	79	79	0	79	7153.73	112

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July 2019 24-Month Study

Most Probable Inflow*

Crystal Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
*	Jul 2018	24	101	2	103	103	0	103	6750.59	16	64	41
H	Aug 2018	21	94	2	96	98	0	98	6744.83	15	65	36
I	Sep 2018	15	84	1	85	87	0	87	6737.22	13	59	33
	WY 2018	**505**	**937**	**45**	**982**	**959**	**26**	**985**			**438**	**553**
S	Oct 2018	27	56	3	59	55	0	55	6751.87	17	33	24
T	Nov 2018	26	15	4	19	21	0	21	6743.11	14	1	19
O	Dec 2018	25	18	4	22	21	0	22	6745.32	15	0	20
R	Jan 2019	25	18	4	22	19	3	22	6746.57	15	1	20
I	Feb 2019	24	23	3	27	9	17	26	6748.26	16	1	25
C	Mar 2019	34	26	5	32	30	0	30	6752.77	17	0	29
A	Apr 2019	150	41	15	55	55	0	55	6753.29	17	26	29
L	May 2019	264	131	24	155	108	31	153	6759.30	19	47	105
*	Jun 2019	558	234	46	281	115	73	283	6753.12	17	51	231
	Jul 2019	305	128	33	161	134	27	161	6753.04	17	65	96
	Aug 2019	95	145	5	150	134	16	150	6753.04	17	65	85
	Sep 2019	60	111	5	116	116	0	116	6753.04	17	55	61
	WY 2019	**1593**	**949**	**151**	**1099**	**818**	**169**	**1095**			**345**	**745**
	Oct 2019	56	85	7	92	92	0	92	6753.04	17	30	62
	Nov 2019	47	80	6	86	86	0	86	6753.04	17	0	86
	Dec 2019	43	114	6	120	120	0	120	6753.04	17	0	120
	Jan 2020	40	56	7	63	63	0	63	6753.04	17	0	63
	Feb 2020	33	42	4	46	0	46	46	6753.04	17	0	46
	Mar 2020	49	40	7	47	47	0	47	6753.04	17	5	42
	Apr 2020	99	67	13	80	80	0	80	6753.04	17	42	38
	May 2020	280	282	35	317	134	183	317	6753.04	17	62	255
	Jun 2020	330	92	35	127	127	0	127	6753.04	17	61	66
	Jul 2020	116	74	12	86	86	0	86	6753.04	17	65	21
	Aug 2020	64	79	7	86	86	0	86	6753.04	17	65	21
	Sep 2020	48	89	6	95	95	0	95	6753.04	17	55	40
	WY 2020	**1205**	**1101**	**145**	**1246**	**1017**	**230**	**1246**			**385**	**861**
	Oct 2020	48	61	6	67	67	0	67	6753.04	17	30	37
	Nov 2020	38	56	5	60	60	0	60	6753.04	17	0	60
	Dec 2020	32	100	5	105	105	0	105	6753.04	17	0	105
	Jan 2021	31	70	5	74	74	0	74	6753.04	17	0	74
	Feb 2021	29	35	4	39	39	0	39	6753.04	17	0	39
	Mar 2021	46	33	6	39	39	0	39	6753.04	17	5	34
	Apr 2021	101	68	12	80	80	0	80	6753.04	17	42	38
	May 2021	281	263	34	298	134	163	298	6753.04	17	62	236
	Jun 2021	315	79	34	113	113	0	113	6753.04	17	61	52

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July 2019 24-Month Study

Most Probable Inflow*

Vallecito Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jul 2018	8	35	7624.15	35
H	Aug 2018	5	19	7613.87	22
I	Sep 2018	3	4	7613.06	21
	WY 2018	**102**	**153**		
S	Oct 2018	9	3	7617.56	26
T	Nov 2018	5	0	7621.25	31
O	Dec 2018	3	0	7623.31	34
R	Jan 2019	4	0	7625.50	37
I	Feb 2019	4	0	7627.67	41
C	Mar 2019	6	6	7627.39	40
A	Apr 2019	32	25	7631.32	47
L	May 2019	58	41	7640.08	64
*	Jun 2019	160	101	7664.36	124
	Jul 2019	49	64	7658.49	108
	Aug 2019	23	38	7652.44	93
	Sep 2019	18	30	7647.45	81
	WY 2019	**371**	**308**		
	Oct 2019	15	17	7646.42	79
	Nov 2019	10	5	7648.45	83
	Dec 2019	8	5	7649.64	86
	Jan 2020	7	5	7650.43	88
	Feb 2020	6	5	7650.98	89
	Mar 2020	9	2	7653.81	96
	Apr 2020	23	4	7661.06	115
	May 2020	64	71	7658.23	107
	Jun 2020	69	70	7657.52	106
	Jul 2020	27	41	7651.52	91
	Aug 2020	17	38	7642.43	70
	Sep 2020	15	29	7635.47	55
	WY 2020	**270**	**293**		
	Oct 2020	14	16	7634.20	53
	Nov 2020	8	2	7637.14	58
	Dec 2020	6	2	7639.28	63
	Jan 2021	5	2	7640.91	66
	Feb 2021	5	2	7642.29	69
	Mar 2021	9	2	7645.23	76
	Apr 2021	23	2	7654.10	97
	May 2021	71	71	7654.22	97
	Jun 2021	70	70	7654.05	97

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2019 24-Month Study

Most Probable Inflow*

Navajo Reservoir

	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azetea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Farmington Flow (1000 Ac-Ft)
*	Jul 2018	-9	0	18	4	42	51	6036.94	1080	58
H	Aug 2018	-7	0	7	3	42	51	6028.27	991	47
I	Sep 2018	2	0	3	2	27	46	6020.80	919	41
	WY 2018	**268**	**36**	**283**	**24**	**224**	**405**			**531**
S	Oct 2018	23	1	17	1	7	31	6018.35	897	40
T	Nov 2018	15	0	10	1	0	18	6017.43	888	34
O	Dec 2018	12	0	9	0	0	18	6016.39	879	30
R	Jan 2019	13	0	10	0	0	19	6015.33	869	31
I	Feb 2019	17	0	14	1	1	16	6014.90	865	37
C	Mar 2019	114	1	113	1	4	18	6024.61	955	62
A	Apr 2019	230	24	203	2	20	20	6040.36	1117	102
L	May 2019	270	34	216	3	25	25	6054.45	1279	143
*	Jun 2019	491	57	376	4	36	114	6071.44	1501	383
	Jul 2019	129	15	129	5	57	64	6071.69	1504	190
	Aug 2019	45	2	58	4	48	65	6067.46	1446	110
	Sep 2019	43	2	53	3	26	62	6064.55	1407	97
	WY 2019	**1403**	**136**	**1206**	**26**	**223**	**470**			**1260**
	Oct 2019	43	2	43	2	10	37	6064.17	1402	68
	Nov 2019	38	0	33	1	0	30	6064.33	1404	50
	Dec 2019	28	0	25	1	0	31	6063.85	1398	49
	Jan 2020	26	0	24	1	0	31	6063.30	1390	47
	Feb 2020	31	0	29	1	0	29	6063.27	1390	43
	Mar 2020	80	9	64	2	6	31	6065.26	1416	53
	Apr 2020	145	21	105	3	21	30	6069.07	1468	84
	May 2020	285	37	255	4	36	231	6067.90	1452	382
	Jun 2020	195	29	167	4	53	285	6054.28	1277	420
	Jul 2020	45	5	55	4	57	55	6049.09	1215	110
	Aug 2020	35	2	54	3	48	31	6046.67	1187	64
	Sep 2020	34	2	46	2	26	30	6045.66	1175	56
	WY 2020	**985**	**106**	**901**	**27**	**256**	**849**			**1424**
	Oct 2020	40	2	41	2	9	31	6045.58	1175	55
	Nov 2020	31	0	25	1	0	30	6045.09	1169	47
	Dec 2020	25	0	21	1	0	31	6044.13	1158	46
	Jan 2021	22	0	18	1	0	31	6042.98	1145	44
	Feb 2021	30	0	27	1	0	28	6042.82	1144	40
	Mar 2021	92	9	77	1	6	31	6046.31	1183	53
	Apr 2021	170	21	128	2	22	30	6052.68	1257	82
	May 2021	277	37	240	3	37	142	6057.40	1315	288
	Jun 2021	224	29	195	4	53	238	6049.07	1215	389

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2019 24-Month Study

Most Probable Inflow*

Lake Powell

	Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry Gage (1000 Ac-Ft)
*	Jul 2018	123	252	53	860	0	860	3603.80	5023	12116	877
H	Aug 2018	11	260	50	900	0	900	3597.12	4972	11477	911
I	Sep 2018	1	230	45	670	0	670	3592.28	4936	11028	690
	WY 2018	**4612**	**5459**	**386**	**9000**	**0**	**9000**				**9158**
S	Oct 2018	351	477	30	625	0	625	3590.46	4923	10862	650
T	Nov 2018	254	307	29	585	77	662	3586.50	4894	10507	669
O	Dec 2018	228	322	22	740	0	740	3581.85	4862	10099	744
R	Jan 2019	212	303	7	804	0	804	3576.34	4824	9629	815
I	Feb 2019	255	339	7	730	0	730	3571.89	4795	9261	741
C	Mar 2019	624	573	11	790	0	790	3569.28	4778	9049	798
A	Apr 2019	1242	899	18	720	0	720	3571.12	4790	9198	734
L	May 2019	2511	1980	23	720	0	720	3584.65	4881	10343	752
*	Jun 2019	4206	3583	41	765	0	765	3611.82	5087	12914	808
	Jul 2019	2640	2344	57	860	0	860	3624.40	5193	14236	879
	Aug 2019	750	912	59	900	0	900	3624.00	5189	14192	917
	Sep 2019	550	722	55	683	0	683	3623.86	5188	14177	697
	WY 2019	**13824**	**12760**	**359**	**8923**	**77**	**9000**				**9204**
	Oct 2019	610	682	38	640	0	640	3623.90	5188	14181	650
	Nov 2019	580	629	36	640	0	640	3623.49	5185	14136	641
	Dec 2019	450	618	29	720	0	720	3622.36	5175	14015	726
	Jan 2020	430	575	9	860	0	860	3619.80	5153	13742	871
	Feb 2020	450	565	10	750	0	750	3618.09	5139	13562	759
	Mar 2020	640	631	16	800	0	800	3616.46	5125	13391	814
	Apr 2020	985	880	26	710	0	710	3617.73	5136	13524	725
	May 2020	2350	2244	32	710	0	710	3630.55	5247	14915	721
	Jun 2020	2730	2602	54	750	0	750	3644.82	5380	16579	761
	Jul 2020	870	835	68	850	0	850	3644.18	5374	16502	869
	Aug 2020	425	541	67	900	0	900	3640.89	5342	16108	917
	Sep 2020	380	518	61	670	0	670	3639.22	5327	15911	684
	WY 2020	**10900**	**11319**	**446**	**9000**	**0**	**9000**				**9138**
	Oct 2020	489	522	42	640	0	640	3637.96	5315	15763	650
	Nov 2020	462	500	40	640	0	640	3636.53	5301	15597	641
	Dec 2020	363	522	32	720	0	720	3634.69	5284	15385	726
	Jan 2021	361	489	10	860	0	860	3631.60	5256	15033	871
	Feb 2021	393	461	11	750	0	750	3629.12	5234	14755	759
	Mar 2021	665	570	18	800	0	800	3627.06	5216	14526	814
	Apr 2021	1056	863	28	710	0	710	3628.10	5225	14642	725
	May 2021	2343	2124	34	710	0	710	3639.28	5327	15919	721
	Jun 2021	2666	2427	57	750	0	750	3651.62	5447	17418	761

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2019 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Glen Release (1000 Ac-Ft)	Side Inflow Glen to Hoover (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Jul 2018	860	106	65	820	13.3	27	819	637	1077.43	9799
H	Aug 2018	900	74	70	749	12.2	28	748	645	1078.88	9918
I	Sep 2018	670	84	58	725	12.2	24	723	642	1078.29	9870
	WY 2018	**9000**	**690**	**541**	**9240**		**241**	**9237**			
S	Oct 2018	625	100	42	641	10.4	23	634	643	1078.52	9889
T	Nov 2018	662	67	42	690	11.6	16	689	642	1078.32	9872
O	Dec 2018	740	52	36	468	7.6	11	467	659	1081.46	10132
R	Jan 2019	804	106	30	487	7.9	8	486	682	1085.75	10493
I	Feb 2019	730	126	28	621	11.2	6	620	694	1087.97	10682
C	Mar 2019	790	201	32	738	12.0	13	737	707	1090.24	10878
A	Apr 2019	720	118	39	902	15.2	15	900	700	1088.95	10767
L	May 2019	720	107	45	989	16.1	17	988	686	1086.48	10555
*	Jun 2019	765	70	54	912	15.3	28	911	676	1084.71	10405
	Jul 2019	860	80	67	899	14.6	44	899	672	1083.93	10339
	Aug 2019	900	100	72	806	13.1	41	806	677	1084.84	10416
	Sep 2019	683	91	59	719	12.1	34	719	675	1084.43	10381
	WY 2019	**9000**	**1218**	**547**	**8871**		**255**	**8854**			
	Oct 2019	640	82	43	511	8.3	36	511	683	1085.89	10505
	Nov 2019	640	54	43	630	10.6	27	630	682	1085.82	10499
	Dec 2019	720	51	37	563	9.2	23	563	691	1087.45	10638
	Jan 2020	860	83	31	564	9.2	10	564	712	1091.12	10954
	Feb 2020	750	91	29	649	11.3	10	649	721	1092.79	11099
	Mar 2020	800	57	32	977	15.9	19	977	711	1090.94	10939
	Apr 2020	710	49	39	1051	17.7	23	1051	689	1087.07	10605
	May 2020	710	30	45	993	16.1	33	993	669	1083.41	10295
	Jun 2020	750	17	53	916	15.4	32	916	655	1080.77	10075
	Jul 2020	850	80	66	825	13.4	35	825	655	1080.80	10078
	Aug 2020	900	100	71	723	11.8	33	723	666	1082.76	10241
	Sep 2020	670	91	59	708	11.9	26	708	664	1082.41	10212
	WY 2020	**9000**	**784**	**549**	**9108**		**308**	**9108**			
	Oct 2020	640	82	43	473	7.7	27	473	675	1084.41	10379
	Nov 2020	640	54	43	596	10.0	19	596	677	1084.81	10413
	Dec 2020	720	51	37	556	9.0	15	556	687	1086.61	10566
	Jan 2021	860	83	31	566	9.2	10	566	707	1090.28	10881
	Feb 2021	750	91	29	651	11.7	10	651	717	1091.93	11024
	Mar 2021	800	57	32	978	15.9	19	978	706	1090.06	10862
	Apr 2021	710	49	39	1053	17.7	23	1053	684	1086.14	10527
	May 2021	710	30	45	995	16.2	33	995	664	1082.44	10215
	Jun 2021	750	17	53	918	15.4	32	918	649	1079.77	9992

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2019 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Jul 2018	820	-6	26	827	0	827	13.4	642.91	1696
H	Aug 2018	749	-13	23	730	0	730	11.9	642.29	1679
I	Sep 2018	725	-11	18	814	0	814	13.7	637.87	1561
	WY 2018	**9240**	**-103**	**198**	**8981**	**0**	**8981**			
S	Oct 2018	641	-11	15	635	0	635	10.3	637.08	1540
T	Nov 2018	690	-28	11	610	0	610	10.3	638.62	1581
O	Dec 2018	468	-14	9	386	0	386	6.3	640.79	1639
R	Jan 2019	487	-29	10	418	0	418	6.8	641.89	1668
I	Feb 2019	621	-6	10	569	0	569	10.2	643.20	1704
C	Mar 2019	738	7	13	749	0	749	12.2	642.57	1687
A	Apr 2019	902	0	17	886	0	886	14.9	642.52	1686
L	May 2019	989	-9	22	937	0	937	15.2	643.32	1707
*	Jun 2019	912	-12	25	886	0	886	14.9	642.89	1696
	Jul 2019	899	-12	25	872	0	872	14.2	642.50	1685
	Aug 2019	806	-11	23	778	0	778	12.7	642.25	1678
	Sep 2019	719	-12	18	749	0	749	12.6	640.01	1618
	WY 2019	**8871**	**-139**	**198**	**8476**	**0**	**8476**			
	Oct 2019	511	-4	15	676	0	676	11.0	633.00	1434
	Nov 2019	630	-19	10	549	0	549	9.2	635.00	1486
	Dec 2019	563	-12	9	444	0	444	7.2	638.71	1583
	Jan 2020	564	-16	10	455	0	455	7.4	641.80	1666
	Feb 2020	649	-13	10	625	0	625	10.9	641.80	1666
	Mar 2020	977	-15	13	914	0	914	14.9	643.05	1700
	Apr 2020	1051	-17	17	1019	0	1019	17.1	643.00	1699
	May 2020	993	-11	22	959	0	959	15.6	643.00	1699
	Jun 2020	916	-16	25	874	0	874	14.7	643.00	1699
	Jul 2020	825	-12	25	815	0	815	13.3	642.00	1671
	Aug 2020	723	-11	23	689	0	689	11.2	642.00	1671
	Sep 2020	708	-12	18	731	0	731	12.3	640.01	1618
	WY 2020	**9108**	**-159**	**197**	**8751**	**0**	**8751**			
	Oct 2020	473	-4	15	638	0	638	10.4	633.00	1434
	Nov 2020	596	-19	10	515	0	515	8.7	635.00	1486
	Dec 2020	556	-12	9	437	0	437	7.1	638.71	1583
	Jan 2021	566	-16	10	457	0	457	7.4	641.80	1666
	Feb 2021	651	-13	10	627	0	627	11.3	641.80	1666
	Mar 2021	978	-15	13	916	0	916	14.9	643.05	1700
	Apr 2021	1053	-17	17	1021	0	1021	17.2	643.00	1699
	May 2021	995	-11	22	961	0	961	15.6	643.00	1699
	Jun 2021	918	-16	25	876	0	876	14.7	643.00	1699

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2019 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	Jul 2018	827	20	17	656	10.7	101	72	448.00	580	133	2.2
H	Aug 2018	730	22	17	611	9.9	99	22	447.53	571	104	1.7
I	Sep 2018	814	9	15	512	8.6	95	164	448.95	598	94	1.6
	WY 2018	**8981**	**100**	**139**	**6479**		**910**	**1431**			**1500**	
S	Oct 2018	635	23	12	394	6.4	86	176	448.12	582	68	1.1
T	Nov 2018	610	16	9	357	6.0	85	173	447.99	580	97	1.6
O	Dec 2018	386	26	7	218	3.5	70	143	446.53	552	105	1.7
R	Jan 2019	418	19	6	250	4.1	87	91	446.58	553	122	2.0
I	Feb 2019	569	13	8	372	6.7	31	151	447.53	571	143	2.6
C	Mar 2019	749	-5	9	630	10.2	11	83	447.86	577	185	3.0
A	Apr 2019	886	6	11	712	12.0	28	144	447.29	567	170	2.9
L	May 2019	937	8	13	693	11.3	51	154	448.62	592	128	2.1
*	Jun 2019	886	11	15	717	12.0	53	104	448.47	589	138	2.3
	Jul 2019	872	19	17	725	11.8	55	90	448.00	580	145	2.4
	Aug 2019	778	20	17	607	9.9	71	95	447.80	576	108	1.8
	Sep 2019	749	14	15	513	8.6	55	175	447.50	571	100	1.7
	WY 2019	**8476**	**170**	**140**	**6188**		**684**	**1577**			**1509**	
	Oct 2019	676	24	12	467	7.6	43	171	447.50	571	63	1.0
	Nov 2019	549	14	9	357	6.0	50	142	447.50	571	97	1.6
	Dec 2019	444	22	7	285	4.6	51	138	446.50	552	104	1.7
	Jan 2020	455	18	6	262	4.3	96	105	446.50	552	121	2.0
	Feb 2020	625	11	8	431	7.5	86	105	446.50	552	148	2.6
	Mar 2020	914	5	9	706	11.5	19	173	446.70	555	187	3.0
	Apr 2020	1019	12	11	728	12.2	75	168	448.70	593	173	2.9
	May 2020	959	13	13	695	11.3	78	173	448.70	593	116	1.9
	Jun 2020	874	11	16	718	12.1	75	63	448.70	593	124	2.1
	Jul 2020	815	19	17	677	11.0	78	63	448.00	580	131	2.1
	Aug 2020	689	20	17	598	9.7	78	13	447.50	571	101	1.6
	Sep 2020	731	14	15	508	8.5	75	136	447.50	570	93	1.6
	WY 2020	**8751**	**182**	**139**	**6432**		**805**	**1449**			**1457**	
	Oct 2020	638	24	12	487	7.9	32	125	447.50	571	63	1.0
	Nov 2020	515	14	9	359	6.0	31	125	447.50	571	96	1.6
	Dec 2020	437	22	7	311	5.1	32	125	446.50	552	106	1.7
	Jan 2021	457	18	6	262	4.3	99	105	446.50	552	121	2.0
	Feb 2021	627	11	8	430	7.7	89	105	446.50	552	148	2.7
	Mar 2021	916	5	9	704	11.5	22	173	446.70	555	187	3.0
	Apr 2021	1021	12	11	727	12.2	79	168	448.70	593	173	2.9
	May 2021	961	13	13	694	11.3	82	173	448.70	593	116	1.9
	Jun 2021	876	11	16	716	12.0	79	63	448.70	593	124	2.1

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2019 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Jul 2018	820	13.3	1077.43	9799	51	432.34	1552.0	313.2	100	382.0
H	Aug 2018	749	12.2	1078.88	9918	119	435.01	1562.0	287.4	100	383.8
I	Sep 2018	725	12.2	1078.29	9870	-49	434.15	1562.0	278.7	100	384.7
	WY 2018	**9240**							**3614.3**		
S	Oct 2018	641	10.4	1078.52	9889	19	435.29	1406.1	247.8	87	386.7
T	Nov 2018	690	11.6	1078.32	9872	-16	434.47	755.0	266.1	49	385.8
O	Dec 2018	453	7.6	1081.46	10132	260	438.59	959.9	179.6	61	396.6
R	Jan 2019	487	7.9	1085.75	10493	361	442.10	1006.1	183.4	63	376.8
I	Feb 2019	621	11.2	1087.97	10682	189	443.82	1119.0	246.4	70	396.7
C	Mar 2019	738	12.0	1090.24	10878	195	444.26	1112.0	295.7	70	400.6
A	Apr 2019	902	15.2	1088.95	10767	-111	439.99	810.1	365.4	51	405.2
L	May 2019	989	16.1	1086.48	10555	-211	440.79	803.9	398.2	51	402.5
*	Jun 2019	912	15.3	1084.71	10405	-150	439.38	1591.0	359.0	100	393.7
	Jul 2019	899	14.6	1083.93	10339	-66	431.71	1486.0	349.7	93	389.0
	Aug 2019	806	13.1	1084.84	10416	77	431.28	1600.0	315.4	100	391.5
	Sep 2019	719	12.1	1084.43	10381	-35	432.33	1591.0	279.5	100	389.0
	WY 2019	**8856**							**3486.1**		
	Oct 2019	511	8.3	1085.89	10505	124	436.54	1403.0	201.8	88	394.9
	Nov 2019	630	10.6	1085.82	10499	-6	440.95	1190.1	247.7	74	393.4
	Dec 2019	563	9.2	1087.45	10638	138	439.76	1206.1	220.3	75	391.2
	Jan 2020	564	9.2	1091.12	10954	317	440.78	1139.0	221.7	70	393.1
	Feb 2020	649	11.3	1092.79	11099	145	442.57	1122.1	259.1	68	399.5
	Mar 2020	977	15.9	1090.94	10939	-161	440.75	1317.0	394.4	81	403.8
	Apr 2020	1051	17.7	1087.07	10605	-333	437.78	1250.1	422.2	78	401.7
	May 2020	993	16.1	1083.41	10295	-310	432.37	1480.0	384.5	94	387.3
	Jun 2020	916	15.4	1080.77	10075	-220	428.59	1562.0	354.9	100	387.7
	Jul 2020	825	13.4	1080.80	10078	3	427.63	1562.0	321.1	100	389.3
	Aug 2020	723	11.8	1082.76	10241	163	428.94	1562.0	278.3	100	384.9
	Sep 2020	708	11.9	1082.41	10212	-29	430.38	1562.0	273.6	100	386.6
	WY 2020	**9108**							**3579.5**		
	Oct 2020	473	7.7	1084.41	10379	167	437.67	962.0	187.2	61	395.7
	Nov 2020	596	10.0	1084.81	10413	34	440.44	1066.0	236.9	68	397.7
	Dec 2020	556	9.0	1086.61	10566	153	438.84	1194.9	216.9	75	389.9
	Jan 2021	566	9.2	1090.28	10881	315	440.62	1019.5	223.4	64	394.5
	Feb 2021	651	11.7	1091.93	11024	143	441.72	1105.1	260.7	68	400.7
	Mar 2021	978	15.9	1090.06	10862	-162	439.89	1291.2	394.4	81	403.1
	Apr 2021	1053	17.7	1086.14	10527	-335	436.89	1233.1	422.4	78	401.0
	May 2021	995	16.2	1082.44	10215	-312	431.43	1463.1	384.7	94	386.6
	Jun 2021	918	15.4	1079.77	9992	-222	427.62	1541.9	355.1	100	386.9

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2019 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Jul 2018	827	13.4	642.91	1696	-38	141.79	255.0	105.3	100	127.4
H	Aug 2018	730	11.9	642.29	1679	-17	141.02	255.0	92.7	100	127.1
I	Sep 2018	814	13.7	637.87	1561	-119	136.59	255.0	101.2	100	124.3
	WY 2018	**8981**							**1126.3**		
S	Oct 2018	635	10.3	637.08	1540	-21	135.95	184.3	77.8	72	122.4
T	Nov 2018	610	10.3	638.62	1581	40	137.20	158.1	78.4	62	128.4
O	Dec 2018	386	6.3	640.79	1639	58	140.00	153.0	47.3	60	122.5
R	Jan 2019	418	6.8	641.89	1668	30	143.26	159.6	56.8	63	135.8
I	Feb 2019	569	10.2	643.20	1704	36	144.69	209.5	68.8	82	120.9
C	Mar 2019	749	12.2	642.57	1687	-17	140.17	218.8	94.8	86	126.6
A	Apr 2019	886	14.9	642.52	1686	-1	142.03	210.8	111.9	83	126.3
L	May 2019	937	15.2	643.32	1707	22	139.79	238.6	119.5	94	127.6
*	Jun 2019	886	14.9	642.89	1696	-12	140.50	255.0	113.6	100	128.3
	Jul 2019	872	14.2	642.50	1685	-11	139.23	255.0	109.4	100	125.4
	Aug 2019	778	12.7	642.25	1678	-7	139.47	255.0	97.8	100	125.7
	Sep 2019	749	12.6	640.01	1618	-61	138.26	255.0	93.2	100	124.6
	WY 2019	**8476**							**1069.3**		
	Oct 2019	676	11.0	633.00	1434	-183	134.25	208.9	81.8	82	120.9
	Nov 2019	549	9.2	635.00	1486	51	132.47	153.0	65.5	60	119.3
	Dec 2019	444	7.2	638.71	1583	97	136.20	200.7	54.5	79	122.7
	Jan 2020	455	7.4	641.80	1666	83	139.53	179.3	57.2	70	125.7
	Feb 2020	625	10.9	641.80	1666	0	139.59	189.9	78.7	74	125.8
	Mar 2020	914	14.9	643.05	1700	34	138.73	255.0	114.2	100	125.0
	Apr 2020	1019	17.1	643.00	1699	-1	138.56	255.0	127.2	100	124.8
	May 2020	959	15.6	643.00	1699	0	139.04	255.0	120.1	100	125.3
	Jun 2020	874	14.7	643.00	1699	0	139.36	255.0	109.7	100	125.6
	Jul 2020	815	13.3	642.00	1671	-27	139.38	255.0	102.4	100	125.6
	Aug 2020	689	11.2	642.00	1671	0	139.65	255.0	86.7	100	125.8
	Sep 2020	731	12.3	640.01	1618	-54	138.24	255.0	91.0	100	124.5
	WY 2020	**8751**							**1089.0**		
	Oct 2020	638	10.4	633.00	1434	-183	134.49	208.9	77.3	82	121.2
	Nov 2020	515	8.7	635.00	1486	51	132.71	153.0	61.6	60	119.6
	Dec 2020	437	7.1	638.71	1583	97	136.26	200.7	53.7	79	122.8
	Jan 2021	457	7.4	641.80	1666	83	139.51	179.3	57.5	70	125.7
	Feb 2021	627	11.3	641.80	1666	0	139.42	189.4	78.8	74	125.6
	Mar 2021	916	14.9	643.05	1700	34	138.72	255.0	114.4	100	125.0
	Apr 2021	1021	17.2	643.00	1699	-1	138.55	255.0	127.5	100	124.8
	May 2021	961	15.6	643.00	1699	0	139.03	255.0	120.4	100	125.3
	Jun 2021	876	14.7	643.00	1699	0	139.35	255.0	110.0	100	125.5

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2019 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Jul 2018	656	10.7	448.00	580	-8	81.97	120.0	46.0	100	70.2
H	Aug 2018	611	9.9	447.53	571	-9	79.27	120.0	42.7	100	69.9
I	Sep 2018	512	8.6	448.95	598	27	83.02	120.0	35.9	100	70.1
	WY 2018	**6479**							**451.7**		
S	Oct 2018	394	6.4	448.12	582	-16	82.83	90.0	27.9	75	70.9
T	Nov 2018	357	6.0	447.99	580	-3	82.25	93.0	26.1	78	73.0
O	Dec 2018	218	3.5	446.53	552	-27	81.03	116.1	12.9	97	59.1
R	Jan 2019	250	4.1	446.58	553	1	82.75	117.1	17.0	98	68.2
I	Feb 2019	372	6.7	447.53	571	18	81.87	95.4	25.5	79	68.6
C	Mar 2019	630	10.2	447.86	577	6	82.11	111.3	44.3	93	70.4
A	Apr 2019	712	12.0	447.29	567	-11	79.40	115.0	49.5	96	69.5
L	May 2019	673	11.3	448.62	592	25	80.51	119.0	48.6	99	72.2
*	Jun 2019	717	12.0	448.47	589	-3	80.43	120.0	50.3	100	70.2
	Jul 2019	725	11.8	448.00	580	-9	75.60	120.0	48.0	100	66.2
	Aug 2019	607	9.9	447.80	576	-4	75.27	120.0	39.8	100	65.6
	Sep 2019	513	8.6	447.50	571	-6	75.03	120.0	33.4	100	65.1
	WY 2019	**6168**							**423.5**		
	Oct 2019	467	7.6	447.50	571	0	76.29	90.0	30.8	75	65.9
	Nov 2019	357	6.0	447.50	571	0	76.14	93.0	23.2	78	65.0
	Dec 2019	285	4.6	446.50	552	-19	74.65	114.2	17.9	95	62.8
	Jan 2020	262	4.3	446.50	552	0	75.07	94.8	16.4	79	62.7
	Feb 2020	431	7.5	446.50	552	0	75.16	93.1	28.0	78	65.1
	Mar 2020	706	11.5	446.70	555	4	74.01	120.0	45.8	100	64.9
	Apr 2020	728	12.2	448.70	593	38	75.08	120.0	48.0	100	65.9
	May 2020	695	11.3	448.70	593	0	76.05	120.0	46.2	100	66.5
	Jun 2020	718	12.1	448.70	593	0	76.05	120.0	47.8	100	66.6
	Jul 2020	677	11.0	448.00	580	-13	75.71	120.0	44.8	100	66.1
	Aug 2020	598	9.7	447.50	571	-9	75.13	120.0	39.1	100	65.4
	Sep 2020	508	8.5	447.50	570	0	74.89	120.0	33.0	100	65.0
	WY 2020	**6432**							**421.1**		
	Oct 2020	487	7.9	447.50	571	0	76.29	90.0	32.2	75	66.1
	Nov 2020	359	6.0	447.50	571	0	76.19	92.0	23.4	77	65.0
	Dec 2020	311	5.1	446.50	552	-19	74.86	109.4	19.7	91	63.3
	Jan 2021	262	4.3	446.50	552	0	75.07	94.8	16.4	79	62.7
	Feb 2021	430	7.7	446.50	552	0	75.21	92.1	28.1	77	65.2
	Mar 2021	704	11.5	446.70	555	4	74.01	120.0	45.7	100	64.9
	Apr 2021	727	12.2	448.70	593	38	75.08	120.0	47.9	100	65.9
	May 2021	694	11.3	448.70	593	0	76.05	120.0	46.1	100	66.5
	Jun 2021	716	12.0	448.70	593	0	76.05	120.0	47.7	100	66.6

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2019 24-Month Study

Most Probable Inflow*

Upper Basin Power

	Date	Glen Canyon 1000 MWHR	Flaming Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Reservoir 1000 MWHR	Fontenelle Reservoir 1000 MWHR
*	Jul 2018	384	48	27	36	20	8
H	Aug 2018	393	50	24	33	19	7
I	Sep 2018	288	47	8	29	16	1
	Summer 2018	**2045**	**297**	**133**	**193**	**111**	**36**
S	Oct 2018	268	39	11	19	9	4
T	Nov 2018	248	36	5	4	2	5
O	Dec 2018	313	47	5	6	2	5
R	Jan 2019	335	47	4	6	1	4
I	Feb 2019	302	42	6	8	1	3
C	Mar 2019	325	22	6	9	4	3
	Winter 2019	**1790**	**233**	**36**	**51**	**19**	**24**
A	Apr 2019	294	27	9	14	10	4
L	May 2019	299	38	23	45	21	6
*	Jun 2019	332	82	33	64	22	8
	Jul 2019	354	40	34	46	23	10
	Aug 2019	374	49	34	52	23	9
	Sep 2019	285	47	32	40	20	3
	Summer 2019	**1939**	**284**	**165**	**262**	**120**	**40**
	Oct 2019	267	34	25	31	16	7
	Nov 2019	266	28	24	29	15	7
	Dec 2019	300	47	33	41	21	6
	Jan 2020	356	60	16	20	11	6
	Feb 2020	309	56	12	15	0	5
	Mar 2020	329	46	11	14	8	4
	Winter 2020	**1826**	**272**	**120**	**151**	**71**	**35**
	Apr 2020	291	45	16	24	14	5
	May 2020	295	25	59	102	23	6
	Jun 2020	320	89	21	33	22	8
	Jul 2020	366	45	21	27	15	10
	Aug 2020	386	45	24	28	15	10
	Sep 2020	287	43	27	32	16	2
	Summer 2020	**1946**	**291**	**168**	**246**	**105**	**40**
	Oct 2020	274	25	18	22	12	5
	Nov 2020	272	25	16	20	10	5
	Dec 2020	305	43	29	36	18	5
	Jan 2021	363	43	20	25	13	4
	Feb 2021	316	38	10	13	7	4
	Mar 2021	335	22	0	12	7	4
	Winter 2021	**1529**	**172**	**93**	**116**	**60**	**23**
	Apr 2021	296	22	0	24	14	5
	May 2021	300	26	2	95	23	6
	Jun 2021	324	87	18	29	20	8

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

July 2019 24-Month Study

Most Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions

Date	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Lake System Total KAF	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	BOM Space Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****EFFECTIVE SPACE****										
Jul 2019	384	134	195	11408	12121	16972	29093	159	134	65	358	11408	16972	28737	1500	899	0	33.3
								****CREDITABLE SPACE****										
Aug 2019	244	3	192	10086	10525	17038	27562	244	3	192	438	10086	17038	27562	1500	806	0	33.1
Sep 2019	295	49	250	10130	10724	16961	27685	295	49	250	594	10130	16961	27685	2270	719	0	32.8
Oct 2019	374	92	289	10145	10901	16996	27897	374	92	289	756	10145	16996	27897	3040	511	0	32.7
Nov 2019	413	128	294	10141	10976	16872	27848	413	128	294	835	10141	16872	27848	3810	630	0	32.6
Dec 2019	435	166	292	10186	11079	16878	27957	435	166	292	893	10186	16878	27957	4580	563	0	32.5
Jan 2020	524	245	298	10307	11374	16739	28113	524	245	298	1067	10307	16739	28113	5350	564	0	32.5
								****EFFECTIVE SPACE****										
Jan 2020	524	245	298	10307	11374	16739	28113	101	180	8	290	10307	16739	27336	5350	564	0	32.5
Feb 2020	640	269	306	10580	11794	16423	28217	218	204	15	436	10580	16423	27439	1500	649	0	32.4
Mar 2020	744	283	306	10760	12093	16278	28370	321	217	15	553	10760	16278	27590	1500	977	0	32.1
Apr 2020	775	280	280	10931	12266	16438	28704	350	215	-19	546	10931	16438	27915	1500	1051	0	32.0
May 2020	768	260	228	10798	12054	16772	28825	337	196	-95	438	10798	16772	28007	1500	993	0	33.2
Jun 2020	618	303	244	9407	10573	17082	27654	174	233	-119	289	9407	17082	26777	1500	916	0	34.7
Jul 2020	531	123	419	7743	8816	17302	26118	77	30	-1	106	7743	17302	25151	1500	825	0	34.6
								****CREDITABLE SPACE****										
Aug 2020	472	88	481	7820	8860	17299	26160	472	88	481	1041	7820	17299	26160	1500	723	0	34.3
Sep 2020	534	98	509	8214	9355	17136	26491	534	98	509	1141	8214	17136	26491	2270	708	0	33.9
Oct 2020	613	131	521	8411	9676	17165	26841	613	131	521	1265	8411	17165	26841	3040	473	0	33.7
Nov 2020	634	149	521	8559	9863	16998	26860	634	149	521	1304	8559	16998	26860	3810	596	0	33.5
Dec 2020	655	169	527	8725	10076	16964	27039	655	169	527	1351	8725	16964	27039	4580	556	0	33.4
Jan 2021	737	241	538	8937	10453	16811	27264	737	241	538	1516	8937	16811	27264	5350	566	0	33.3
								****EFFECTIVE SPACE****										
Jan 2021	737	241	538	8937	10453	16811	27264	374	201	228	804	8937	16811	26551	5350	566	0	33.3
Feb 2021	814	284	551	9289	10938	16496	27434	451	244	240	936	9289	16496	26721	1500	651	0	33.1
Mar 2021	875	294	552	9567	11288	16353	27641	510	255	241	1006	9567	16353	26926	1500	978	0	32.8
Apr 2021	839	285	513	9796	11433	16515	27949	469	248	195	912	9796	16515	27223	1500	1053	0	32.8
May 2021	773	265	439	9680	11157	16850	28007	395	227	97	719	9680	16850	27250	1500	995	0	34.0
Jun 2021	612	297	381	8403	9694	17162	26856	221	244	-1	464	8403	17162	26030	1500	918	0	35.5

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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To: All Annual Operating Plan Recipients

From: Lower Colorado Region
Boulder Canyon Operations Office
Michael Bernardo, P.E.
P.O. Box 61470
Boulder City, NV 89006-1470
Phone: 702-293-8111

RECLAMATION
Managing Water in the West

The operation of Lake Powell and Lake Mead in this August 2019 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines), and reflects the 2019 Annual Operating Plan (AOP). Pursuant to the Interim Guidelines, the August 2018 24-Month Study projections of the January 1, 2019, system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2019.

Consistent with Section 6.B of the Interim Guidelines, the Lake Powell operational tier for water year 2019 is the Upper Elevation Balancing Tier. With an 8.23 million acre-feet (maf) release from Lake Powell in water year 2019, the April 2019 24-Month Study projected the end of water year elevation at Lake Powell to be above 3,575 feet and the end of water year elevation at Lake Mead to be below 1,075 feet. Therefore, in accordance with Section 6.B.4 of the Interim Guidelines, Lake Powell operations shifted to balancing releases for the remainder of water year 2019. Under Section 6.B.4, the contents of Lake Powell and Lake Mead will be balanced by the end of the water year, but not more than 9.0 maf and not less than 8.23 maf shall be released from Lake Powell. Based on the most probable inflow forecast, this August 24-Month Study projects a balancing release of 9.0 maf in water year 2019.

Consistent with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar year 2019.

The August 2019 24-Month Study projects the January 1, 2020 Lake Powell elevation to be below the 2019 Equalization Elevation of 3,657 feet and above elevation 3,575 feet. Consistent with Section 6.B of the Interim Guidelines, Lake Powell's operations in water year 2020 will be governed by the Upper Elevation Balancing Tier, with an initial water year release volume of 8.23 maf and the potential for an April adjustment to equalization or balancing releases in April 2020. Based on the most probable inflow forecast, this August 24-Month Study projects an annual release of 8.23 maf in water year 2020.

The August 2019 24-Month Study projects the January 1, 2020 Lake Mead elevation to be above 1,075 feet and below 1,090 feet. Consistent with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar year 2020. In addition, Section III.B of Exhibit 1 to the Lower Basin Drought Contingency Plan (DCP) Agreement will also govern the operation of Lake Mead for calendar year 2020.

The 2020 operational tier determinations for Lake Powell and Lake Mead will be documented in the 2020 AOP, which is currently in development.

The Interim Guidelines are available for download at: https://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The 2019 AOP is available for download at: https://www.usbr.gov/lc/region/g4000/aop/AOP19.pdf.
The Colorado River DCPs are available for download at: https://www.usbr.gov/dcp/finaldocs.html.

Current runoff projections into Lake Powell are provided by the National Weather Service's Colorado Basin River Forecast Center and are as follows: Observed unregulated inflow into Lake Powell for the month of July was 2.451 maf or 225 percent of the 30-year average from 1981 to 2010. The August unregulated inflow forecast for Lake Powell is 0.700 maf or 140 percent of the 30-year average. The preliminary observed 2019 April through July unregulated inflow is 10.410 maf or 145 percent of average.

In this study, the calendar year 2019 diversion for Metropolitan Water District of Southern California (MWD) is forecasted to be 0.548 maf. The calendar year 2019 diversion for the Central Arizona Project (CAP) is forecasted to be 1.393 maf. Consumptive use for Nevada above Hoover (SNWP Use) is forecasted to be 0.218 maf for calendar year 2019.

Due to changing Lake Mead elevations, Hoover's generator capacity is adjusted based on estimated effective capacity and plant availability. The estimated effective capacity is based on projected Lake Mead elevations. Unit capacity tests will be performed as the lake elevation changes. This study reflects these changes in the projections.

Hoover, Davis, and Parker historical gross energy figures come from PO&M reports provided by the Lower Colorado Region's Power Office, Bureau of Reclamation, Boulder City, Nevada. Questions regarding these historical energy numbers can be directed to Cheri Woodward at (702) 293-8101.

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2019 24-Month Study

Most Probable Inflow*

Fontenelle Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Aug 2018	50	2	75	1	76	6500.10	299
H	Sep 2018	30	2	7	58	65	6495.11	262
	WY 2018	**1397**	**15**	**856**	**528**	**1382**		
I	Oct 2018	42	1	45	20	65	6491.62	238
S	Nov 2018	38	1	60	0	60	6488.29	216
T	Dec 2018	30	1	61	1	61	6483.19	184
O	Jan 2019	28	1	61	0	61	6476.81	150
R	Feb 2019	26	0	55	1	56	6470.41	120
I	Mar 2019	37	0	61	0	61	6464.13	95
C	Apr 2019	114	1	71	0	71	6474.10	137
A	May 2019	167	1	98	0	98	6486.46	204
L	Jun 2019	337	2	107	171	278	6494.89	261
*	Jul 2019	184	3	86	39	125	6502.48	317
	Aug 2019	72	2	74	0	74	6501.96	314
	Sep 2019	46	2	37	35	71	6498.35	287
	WY 2019	**1121**	**15**	**817**	**266**	**1083**		
	Oct 2019	46	1	71	0	71	6494.76	261
	Nov 2019	44	1	68	0	68	6491.14	236
	Dec 2019	37	1	71	0	71	6485.85	201
	Jan 2020	32	1	71	0	71	6479.08	162
	Feb 2020	30	0	66	0	66	6471.43	125
	Mar 2020	48	0	67	0	67	6466.65	105
	Apr 2020	75	1	75	0	75	6466.51	105
	May 2020	155	1	97	8	105	6477.58	154
	Jun 2020	275	2	102	24	126	6500.35	302
	Jul 2020	170	3	101	34	135	6504.49	334
	Aug 2020	68	2	102	3	105	6499.46	295
	Sep 2020	45	2	21	75	95	6492.18	243
	WY 2020	**1025**	**14**	**911**	**144**	**1055**		
	Oct 2020	48	1	63	0	63	6489.73	227
	Nov 2020	42	1	60	0	60	6487.00	209
	Dec 2020	32	1	61	0	61	6482.08	178
	Jan 2021	30	1	61	0	61	6476.07	147
	Feb 2021	28	0	56	0	56	6469.84	118
	Mar 2021	53	0	65	0	65	6466.69	106
	Apr 2021	85	1	87	0	87	6466.03	103
	May 2021	164	1	97	8	105	6478.92	161
	Jun 2021	299	2	102	68	170	6498.59	288
	Jul 2021	178	3	102	30	132	6504.15	331

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2019 24-Month Study

Most Probable Inflow*

Flaming Gorge Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	Aug 2018	42	68	13	124	0	124	139	6032.67	3453	142
H	Sep 2018	17	52	11	119	0	119	136	6030.75	3378	132
	WY 2018	**1594**	**1580**	**82**	**1608**	**7**	**1616**				**2638**
I	Oct 2018	52	75	7	99	0	99	135	6029.99	3349	131
S	Nov 2018	41	63	4	93	0	93	133	6029.15	3316	121
T	Dec 2018	29	60	2	124	0	124	131	6027.49	3253	153
O	Jan 2019	34	68	2	124	0	124	129	6026.01	3198	154
R	Feb 2019	34	63	2	112	0	112	127	6024.69	3149	143
I	Mar 2019	74	99	3	58	0	58	128	6025.67	3185	128
C	Apr 2019	240	198	5	71	0	71	133	6028.79	3303	341
A	May 2019	252	183	8	99	0	99	136	6030.71	3376	568
L	Jun 2019	460	400	11	215	100	315	139	6032.55	3448	950
*	Jul 2019	227	169	14	100	0	100	141	6033.89	3502	373
	Aug 2019	85	87	13	116	0	116	139	6032.87	3461	148
	Sep 2019	56	81	12	131	0	131	137	6031.39	3403	148
	WY 2019	**1585**	**1547**	**82**	**1339**	**100**	**1439**				**3358**
	Oct 2019	60	85	7	76	0	76	137	6031.41	3404	106
	Nov 2019	60	84	4	71	0	71	137	6031.65	3413	104
	Dec 2019	40	74	2	169	0	169	134	6029.24	3320	196
	Jan 2020	46	85	2	169	0	169	130	6027.05	3237	193
	Feb 2020	49	85	2	158	0	158	127	6025.12	3165	182
	Mar 2020	98	117	3	78	0	78	129	6026.05	3199	149
	Apr 2020	135	135	5	76	0	76	131	6027.44	3251	286
	May 2020	230	180	8	78	0	78	134	6029.79	3341	608
	Jun 2020	340	191	10	242	0	242	132	6028.23	3281	682
	Jul 2020	200	165	14	113	0	113	134	6029.20	3318	188
	Aug 2020	77	114	13	123	0	123	133	6028.64	3297	144
	Sep 2020	50	100	11	119	0	119	132	6027.89	3268	134
	WY 2020	**1385**	**1415**	**80**	**1474**	**0**	**1474**				**2974**
	Oct 2020	55	70	7	68	0	68	131	6027.77	3264	96
	Nov 2020	50	67	3	65	0	65	131	6027.72	3262	95
	Dec 2020	35	64	2	117	0	117	129	6026.34	3210	142
	Jan 2021	40	72	2	117	0	117	127	6025.12	3165	142
	Feb 2021	45	72	2	106	0	106	126	6024.20	3131	133
	Mar 2021	102	115	3	61	0	61	128	6025.51	3179	138
	Apr 2021	134	136	5	60	0	60	131	6027.34	3248	275
	May 2021	245	186	8	65	0	65	135	6030.18	3356	597
	Jun 2021	390	260	11	238	21	259	135	6029.95	3347	679
	Jul 2021	210	165	14	124	0	124	136	6030.64	3374	224

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2019 24-Month Study

Most Probable Inflow*

Taylor Park Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Aug 2018	3	13	9305.51	63
H	Sep 2018	3	8	9301.71	58
	WY 2018	**88**	**108**		
I	Oct 2018	5	3	9302.60	59
S	Nov 2018	3	3	9302.61	59
T	Dec 2018	4	3	9302.74	59
O	Jan 2019	4	3	9302.92	59
R	Feb 2019	3	3	9303.16	60
I	Mar 2019	5	4	9303.75	60
C	Apr 2019	10	7	9306.14	64
A	May 2019	21	26	9302.64	59
L	Jun 2019	68	38	9320.92	89
*	Jul 2019	47	32	9328.49	103
	Aug 2019	15	24	9324.14	95
	Sep 2019	9	21	9317.77	83
	WY 2019	**193**	**168**		
	Oct 2019	8	10	9316.87	81
	Nov 2019	7	6	9317.47	82
	Dec 2019	6	6	9317.39	82
	Jan 2020	5	6	9316.73	81
	Feb 2020	5	6	9316.42	81
	Mar 2020	5	6	9315.75	79
	Apr 2020	7	10	9313.99	76
	May 2020	29	18	9320.26	87
	Jun 2020	40	24	9328.61	103
	Jul 2020	16	24	9324.53	95
	Aug 2020	9	19	9319.16	85
	Sep 2020	7	18	9313.09	75
	WY 2020	**144**	**152**		
	Oct 2020	6	9	9311.53	72
	Nov 2020	5	7	9310.06	70
	Dec 2020	5	5	9310.06	70
	Jan 2021	4	5	9309.90	70
	Feb 2021	4	4	9309.58	69
	Mar 2021	4	7	9308.11	67
	Apr 2021	9	10	9307.63	66
	May 2021	28	13	9316.92	81
	Jun 2021	42	19	9329.23	105
	Jul 2021	20	23	9327.75	102

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Managing Water in the West

August 2019 24-Month Study

Most Probable Inflow*

Blue Mesa Reservoir

	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Aug 2018	19	28	1	93	0	93	7453.77	334
H	Sep 2018	12	17	1	30	39	68	7444.44	282
	WY 2018	**433**	**453**	**7**	**856**	**39**	**895**		
I	Oct 2018	23	22	0	46	11	56	7437.59	248
S	Nov 2018	22	21	0	19	0	19	7438.08	250
T	Dec 2018	20	19	0	21	0	21	7437.82	249
O	Jan 2019	20	20	0	17	0	17	7438.40	252
R	Feb 2019	20	20	0	23	0	23	7437.59	248
I	Mar 2019	28	27	0	25	0	25	7438.01	250
C	Apr 2019	121	118	0	33	0	33	7453.91	335
A	May 2019	214	218	1	86	18	105	7471.68	447
L	Jun 2019	471	444	1	124	70	194	7504.14	696
*	Jul 2019	282	266	2	87	51	138	7518.61	823
	Aug 2019	88	97	1	108	30	138	7513.89	780
	Sep 2019	53	65	1	104	0	104	7509.29	740
	WY 2019	**1361**	**1336**	**8**	**692**	**180**	**871**		
	Oct 2019	47	49	1	84	0	84	7505.11	704
	Nov 2019	38	37	0	77	0	77	7500.28	664
	Dec 2019	33	33	0	112	0	112	7490.43	585
	Jan 2020	30	31	0	54	0	54	7487.44	562
	Feb 2020	26	27	0	51	0	51	7484.25	537
	Mar 2020	38	39	0	51	0	51	7482.54	525
	Apr 2020	73	76	1	63	0	63	7484.23	537
	May 2020	220	209	1	202	56	258	7477.40	487
	Jun 2020	275	259	1	68	0	68	7501.86	677
	Jul 2020	97	105	1	63	0	63	7506.70	717
	Aug 2020	54	64	1	72	0	72	7505.66	709
	Sep 2020	39	50	1	76	0	76	7502.35	681
	WY 2020	**970**	**978**	**8**	**973**	**56**	**1029**		
	Oct 2020	39	41	1	50	0	50	7501.25	672
	Nov 2020	31	34	0	49	0	49	7499.35	656
	Dec 2020	26	26	0	92	0	92	7491.09	590
	Jan 2021	24	25	0	67	0	67	7485.51	547
	Feb 2021	22	23	0	49	0	49	7481.97	520
	Mar 2021	36	38	0	0	57	57	7479.32	501
	Apr 2021	77	78	1	0	84	84	7478.39	494
	May 2021	221	206	1	6	232	239	7473.62	461
	Jun 2021	261	238	1	59	0	59	7497.15	638
	Jul 2021	117	120	1	75	0	75	7502.42	681

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2019 24-Month Study

Most Probable Inflow*

Morrow Point Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Aug 2018	19	93	0	93	94	0	94	7153.96	112
H	Sep 2018	14	68	2	70	84	0	84	7135.77	98
	WY 2018	**460**	**895**	**27**	**922**	**935**	**0**	**937**		
I	Oct 2018	24	56	1	57	56	0	56	7136.92	99
S	Nov 2018	23	19	1	20	13	0	15	7143.47	104
T	Dec 2018	21	21	1	22	18	0	18	7147.95	107
O	Jan 2019	21	17	1	17	18	0	18	7147.00	107
R	Feb 2019	20	23	0	24	23	0	23	7147.57	107
I	Mar 2019	29	25	1	26	26	0	26	7146.90	107
C	Apr 2019	136	33	15	47	41	0	41	7155.16	113
A	May 2019	240	105	25	130	127	0	131	7154.68	113
L	Jun 2019	512	194	41	235	186	0	234	7155.10	113
*	Jul 2019	295	138	13	150	151	0	151	7154.18	112
	Aug 2019	93	138	5	143	143	0	143	7153.73	112
	Sep 2019	57	104	4	108	108	0	108	7153.73	112
	WY 2019	**1470**	**871**	**109**	**980**	**912**	**0**	**966**		
	Oct 2019	50	84	3	87	87	0	87	7153.73	112
	Nov 2019	41	77	3	80	80	0	80	7153.73	112
	Dec 2019	36	112	3	115	115	0	115	7153.73	112
	Jan 2020	33	54	3	57	57	0	57	7153.73	112
	Feb 2020	29	51	3	54	54	0	54	7153.73	112
	Mar 2020	42	51	4	55	55	0	55	7153.73	112
	Apr 2020	86	63	13	76	76	0	76	7153.73	112
	May 2020	245	258	25	283	283	0	283	7153.73	112
	Jun 2020	295	68	20	88	88	0	88	7153.73	112
	Jul 2020	104	63	7	70	70	0	70	7153.73	112
	Aug 2020	57	72	3	75	75	0	75	7153.73	112
	Sep 2020	42	76	3	79	79	0	79	7153.73	112
	WY 2020	**1060**	**1029**	**90**	**1119**	**1119**	**0**	**1119**		
	Oct 2020	42	50	3	53	53	0	53	7153.73	112
	Nov 2020	34	49	2	51	51	0	51	7153.73	112
	Dec 2020	28	92	2	94	94	0	94	7153.73	112
	Jan 2021	27	67	2	70	70	0	70	7153.73	112
	Feb 2021	25	49	3	52	52	0	52	7153.73	112
	Mar 2021	40	57	4	61	61	0	61	7153.73	112
	Apr 2021	88	84	11	95	95	0	95	7153.73	112
	May 2021	247	239	26	265	265	0	265	7153.73	112
	Jun 2021	281	59	20	79	79	0	79	7153.73	112
	Jul 2021	123	75	6	81	81	0	81	7153.73	112

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Managing Water in the West

August 2019 24-Month Study

Most Probable Inflow*

Crystal Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
*	Aug 2018	21	94	2	96	98	0	98	6744.83	15	65	36
H	Sep 2018	15	84	1	85	87	0	87	6737.22	13	59	33
	WY 2018	**505**	**937**	**45**	**982**	**959**	**26**	**985**			**438**	**553**
I	Oct 2018	27	56	3	59	55	0	55	6751.87	17	33	24
S	Nov 2018	26	15	4	19	21	0	21	6743.11	14	1	19
T	Dec 2018	25	18	4	22	21	0	22	6745.32	15	0	20
O	Jan 2019	25	18	4	22	19	3	22	6746.57	15	1	20
R	Feb 2019	24	23	3	27	9	17	26	6748.26	16	1	25
I	Mar 2019	34	26	5	32	30	0	30	6752.77	17	0	29
C	Apr 2019	150	41	15	55	55	0	55	6753.29	17	26	29
A	May 2019	264	131	24	155	108	31	153	6759.30	19	47	105
L	Jun 2019	558	234	46	280	115	73	282	6753.12	17	51	231
*	Jul 2019	321	151	26	177	121	57	178	6746.79	15	61	124
	Aug 2019	103	143	10	153	136	15	151	6753.04	17	65	86
	Sep 2019	65	108	8	116	116	0	116	6753.04	17	55	61
	WY 2019	**1621**	**966**	**151**	**1117**	**807**	**198**	**1112**			**341**	**774**
	Oct 2019	57	87	7	94	94	0	94	6753.04	17	30	64
	Nov 2019	47	80	6	86	86	0	86	6753.04	17	0	86
	Dec 2019	41	115	5	120	120	0	120	6753.04	17	0	120
	Jan 2020	39	57	6	63	63	0	63	6753.04	17	0	63
	Feb 2020	33	54	4	58	0	58	58	6753.04	17	0	58
	Mar 2020	48	55	6	61	47	15	61	6753.04	17	5	56
	Apr 2020	99	76	13	89	89	0	89	6753.04	17	42	47
	May 2020	280	283	35	318	134	184	318	6753.04	17	62	256
	Jun 2020	330	88	35	123	123	0	123	6753.04	17	61	62
	Jul 2020	116	70	12	82	82	0	82	6753.04	17	65	17
	Aug 2020	64	75	7	82	82	0	82	6753.04	17	65	17
	Sep 2020	46	79	4	83	83	0	83	6753.04	17	55	28
	WY 2020	**1200**	**1119**	**140**	**1259**	**1002**	**256**	**1259**			**385**	**874**
	Oct 2020	46	53	5	58	58	0	58	6753.04	17	30	28
	Nov 2020	38	51	4	56	56	0	56	6753.04	17	0	56
	Dec 2020	32	94	5	98	98	0	98	6753.04	17	0	98
	Jan 2021	31	70	5	74	74	0	74	6753.04	17	0	74
	Feb 2021	29	52	4	56	56	0	56	6753.04	17	0	56
	Mar 2021	46	61	6	68	68	0	68	6753.04	17	5	63
	Apr 2021	101	95	12	107	107	0	107	6753.04	17	42	65
	May 2021	281	265	34	299	134	165	299	6753.04	17	62	237
	Jun 2021	315	79	34	113	113	0	113	6753.04	17	61	52
	Jul 2021	138	81	14	96	96	0	96	6753.04	17	65	31

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August 2019 24-Month Study

Most Probable Inflow*

Vallecito Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Aug 2018	5	19	7613.87	22
H	Sep 2018	3	4	7613.06	21
	WY 2018	**102**	**153**		
I	Oct 2018	9	3	7617.56	26
S	Nov 2018	5	0	7621.25	31
T	Dec 2018	3	0	7623.31	34
O	Jan 2019	4	0	7625.50	37
R	Feb 2019	4	0	7627.67	41
I	Mar 2019	6	6	7627.39	40
C	Apr 2019	32	25	7631.32	47
A	May 2019	58	41	7640.08	64
L	Jun 2019	160	101	7664.36	124
*	Jul 2019	69	68	7664.45	124
	Aug 2019	22	38	7658.33	108
	Sep 2019	19	30	7654.00	97
	WY 2019	**391**	**312**		
	Oct 2019	15	17	7653.02	94
	Nov 2019	10	6	7654.48	98
	Dec 2019	8	6	7655.06	99
	Jan 2020	7	6	7655.26	100
	Feb 2020	6	6	7655.29	100
	Mar 2020	8	2	7657.62	106
	Apr 2020	21	2	7664.77	125
	May 2020	64	63	7664.90	125
	Jun 2020	68	68	7664.81	125
	Jul 2020	27	41	7659.14	110
	Aug 2020	17	38	7650.72	89
	Sep 2020	14	29	7644.04	73
	WY 2020	**265**	**285**		
	Oct 2020	14	16	7642.66	70
	Nov 2020	8	2	7645.16	76
	Dec 2020	6	2	7647.09	80
	Jan 2021	5	2	7648.56	84
	Feb 2021	5	2	7649.81	87
	Mar 2021	9	2	7652.51	93
	Apr 2021	23	2	7660.83	114
	May 2021	71	62	7664.03	123
	Jun 2021	70	70	7663.85	122
	Jul 2021	29	42	7658.88	109

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
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August 2019 24-Month Study

Most Probable Inflow*

Navajo Reservoir

	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azetea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Farmington Flow (1000 Ac-Ft)
*	Aug 2018	-7	0	7	3	42	51	6028.27	991	47
H	Sep 2018	2	0	3	2	27	46	6020.80	919	41
	WY 2018	**268**	**36**	**283**	**24**	**224**	**405**			**531**
I	Oct 2018	23	1	17	1	7	31	6018.35	897	40
S	Nov 2018	15	0	10	1	0	18	6017.43	888	34
T	Dec 2018	12	0	9	0	0	18	6016.39	879	30
O	Jan 2019	13	0	10	0	0	19	6015.33	869	31
R	Feb 2019	17	0	14	1	1	16	6014.90	865	37
I	Mar 2019	114	1	113	1	4	18	6024.61	955	62
C	Apr 2019	230	24	203	2	20	20	6040.36	1117	102
A	May 2019	270	34	216	3	25	25	6054.45	1279	143
L	Jun 2019	491	57	376	4	36	114	6071.44	1501	385
*	Jul 2019	171	26	141	5	47	59	6073.56	1531	224
	Aug 2019	48	2	62	4	48	62	6069.85	1478	114
	Sep 2019	42	2	51	3	26	61	6066.99	1439	98
	WY 2019	**1447**	**147**	**1221**	**26**	**214**	**460**			**1301**
	Oct 2019	45	2	45	2	10	31	6067.24	1443	61
	Nov 2019	39	1	34	1	0	22	6068.08	1454	44
	Dec 2019	29	0	27	1	0	31	6067.79	1450	49
	Jan 2020	26	0	25	1	0	31	6067.33	1444	47
	Feb 2020	31	0	31	1	0	29	6067.39	1445	43
	Mar 2020	80	7	67	2	6	31	6069.51	1474	52
	Apr 2020	145	17	109	3	21	30	6073.44	1529	83
	May 2020	275	36	238	4	36	204	6072.96	1522	351
	Jun 2020	195	24	170	4	53	276	6060.83	1358	411
	Jul 2020	45	2	58	4	57	47	6056.87	1308	102
	Aug 2020	36	1	56	3	48	31	6054.75	1282	64
	Sep 2020	34	1	48	3	26	30	6053.90	1272	56
	WY 2020	**980**	**92**	**908**	**28**	**256**	**791**			**1361**
	Oct 2020	40	2	41	2	9	31	6053.87	1272	55
	Nov 2020	31	0	25	1	0	30	6053.42	1266	47
	Dec 2020	25	0	21	1	0	31	6052.53	1256	46
	Jan 2021	22	0	18	1	0	31	6051.44	1243	44
	Feb 2021	30	0	27	1	0	28	6051.30	1241	40
	Mar 2021	92	9	77	2	6	31	6054.54	1280	53
	Apr 2021	170	21	128	2	22	30	6060.51	1354	82
	May 2021	277	37	231	4	37	133	6064.98	1413	279
	Jun 2021	224	29	195	4	53	238	6057.13	1312	389
	Jul 2021	66	5	74	4	57	32	6055.56	1292	99

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2019 24-Month Study

Most Probable Inflow*

Lake Powell

	Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry Gage (1000 Ac-Ft)
*	Aug 2018	11	260	50	900	0	900	3597.12	4972	11477	911
H	Sep 2018	1	230	45	670	0	670	3592.28	4936	11028	690
	WY 2018	**4612**	**5459**	**386**	**9000**	**0**	**9000**				**9158**
I	Oct 2018	351	477	30	625	0	625	3590.46	4923	10862	650
S	Nov 2018	254	307	29	585	77	662	3586.50	4894	10507	669
T	Dec 2018	228	322	22	740	0	740	3581.85	4862	10099	744
O	Jan 2019	212	303	7	804	0	804	3576.34	4824	9629	815
R	Feb 2019	255	339	7	730	0	730	3571.89	4795	9261	741
I	Mar 2019	624	573	11	790	0	790	3569.28	4778	9049	798
C	Apr 2019	1242	899	18	720	0	720	3571.12	4790	9198	734
A	May 2019	2511	1980	23	720	0	720	3584.65	4881	10343	752
L	Jun 2019	4206	3583	41	765	0	765	3611.82	5087	12914	808
*	Jul 2019	2451	2015	57	857	0	857	3621.60	5168	13933	905
	Aug 2019	700	843	58	900	0	900	3620.60	5160	13827	917
	Sep 2019	500	672	53	686	0	686	3620.02	5155	13765	700
	WY 2019	**13535**	**12313**	**357**	**8923**	**77**	**9000**				**9233**
	Oct 2019	610	660	37	640	0	640	3619.87	5154	13749	650
	Nov 2019	580	614	35	640	0	640	3619.33	5149	13693	641
	Dec 2019	450	660	28	720	0	720	3618.56	5143	13611	726
	Jan 2020	430	582	9	760	0	760	3616.90	5129	13438	771
	Feb 2020	450	582	9	680	0	680	3615.95	5121	13338	689
	Mar 2020	640	597	16	710	0	710	3614.79	5111	13219	724
	Apr 2020	985	839	26	640	0	640	3616.34	5124	13379	655
	May 2020	2250	2138	32	630	0	630	3629.05	5233	14746	641
	Jun 2020	2730	2584	54	660	0	660	3643.98	5372	16478	671
	Jul 2020	870	809	68	750	0	750	3643.91	5371	16470	769
	Aug 2020	425	532	67	800	0	800	3641.32	5346	16160	817
	Sep 2020	380	509	61	600	0	600	3640.14	5335	16019	614
	WY 2020	**10800**	**11107**	**442**	**8230**	**0**	**8230**				**8368**
	Oct 2020	489	514	42	640	0	640	3638.81	5323	15863	650
	Nov 2020	462	495	40	640	0	640	3637.34	5309	15692	641
	Dec 2020	363	516	32	720	0	720	3635.46	5292	15473	726
	Jan 2021	361	489	10	860	0	860	3632.38	5263	15121	871
	Feb 2021	393	479	11	750	0	750	3630.07	5243	14860	759
	Mar 2021	665	599	18	800	0	800	3628.24	5226	14657	814
	Apr 2021	1056	890	28	710	0	710	3629.51	5238	14798	725
	May 2021	2343	2110	35	710	0	710	3640.50	5339	16062	721
	Jun 2021	2666	2430	58	750	0	750	3652.78	5459	17564	761
	Jul 2021	1091	990	72	850	0	850	3653.28	5464	17627	869

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2019 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Glen Release (1000 Ac-Ft)	Side Inflow Glen to Hoover (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Aug 2018	900	74	70	749	12.2	28	748	645	1078.88	9918
H	Sep 2018	670	84	58	725	12.2	24	723	642	1078.29	9870
	WY 2018	**9000**	**690**	**541**	**9240**		**241**	**9237**			
I	Oct 2018	625	100	42	641	10.4	23	634	643	1078.52	9889
S	Nov 2018	662	67	42	690	11.6	16	689	642	1078.32	9872
T	Dec 2018	740	52	36	468	7.6	11	467	659	1081.46	10132
O	Jan 2019	804	106	30	487	7.9	8	486	682	1085.75	10493
R	Feb 2019	730	126	28	621	11.2	6	620	694	1087.97	10682
I	Mar 2019	790	201	32	738	12.0	13	737	707	1090.24	10878
C	Apr 2019	720	118	39	902	15.2	15	900	700	1088.95	10767
A	May 2019	720	108	45	989	16.1	18	988	686	1086.48	10555
L	Jun 2019	765	69	54	912	15.3	27	911	676	1084.71	10405
*	Jul 2019	857	21	67	946	15.4	33	946	666	1082.82	10246
	Aug 2019	900	100	71	781	12.7	28	781	673	1084.16	10358
	Sep 2019	686	91	59	625	10.5	21	625	678	1084.96	10426
	WY 2019	**9000**	**1158**	**547**	**8800**		**219**	**8783**			
	Oct 2019	640	82	43	720	11.7	23	720	674	1084.24	10366
	Nov 2019	640	54	43	559	9.4	14	559	678	1085.10	10438
	Dec 2019	720	51	37	332	5.4	11	332	702	1089.40	10805
	Jan 2020	760	83	31	550	9.0	9	550	718	1092.13	11042
	Feb 2020	680	91	29	635	11.0	8	635	724	1093.20	11135
	Mar 2020	710	57	32	959	15.6	18	959	709	1090.59	10908
	Apr 2020	640	49	39	1033	17.4	22	1033	684	1086.15	10527
	May 2020	630	30	45	975	15.9	31	975	660	1081.79	10160
	Jun 2020	660	17	53	902	15.2	31	902	642	1078.29	9870
	Jul 2020	750	80	66	811	13.2	34	811	637	1077.36	9793
	Aug 2020	800	100	70	721	11.7	31	721	641	1078.25	9867
	Sep 2020	600	91	57	694	11.7	24	694	636	1077.28	9787
	WY 2020	**8230**	**784**	**545**	**8892**		**257**	**8892**			
	Oct 2020	640	82	42	459	7.5	26	459	648	1079.50	9969
	Nov 2020	640	54	42	582	9.8	18	582	651	1080.09	10018
	Dec 2020	720	51	37	543	8.8	14	543	662	1082.10	10186
	Jan 2021	860	83	30	567	9.2	9	567	683	1085.84	10501
	Feb 2021	750	91	28	651	11.7	9	651	692	1087.53	10645
	Mar 2021	800	57	31	975	15.9	18	975	682	1085.68	10487
	Apr 2021	710	49	39	1050	17.6	23	1050	660	1081.75	10157
	May 2021	710	30	44	992	16.1	32	992	640	1078.04	9849
	Jun 2021	750	17	52	919	15.4	32	919	626	1075.33	9628
	Jul 2021	850	80	65	828	13.5	34	828	626	1075.36	9630

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2019 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Aug 2018	749	-13	23	730	0	730	11.9	642.29	1679
H	Sep 2018	725	-11	18	814	0	814	13.7	637.87	1561
	WY 2018	**9240**	**-103**	**198**	**8981**	**0**	**8981**			
I	Oct 2018	641	-11	15	635	0	635	10.3	637.08	1540
S	Nov 2018	690	-28	11	610	0	610	10.3	638.62	1581
T	Dec 2018	468	-14	9	386	0	386	6.3	640.79	1639
O	Jan 2019	487	-29	10	418	0	418	6.8	641.89	1668
R	Feb 2019	621	-6	10	569	0	569	10.2	643.20	1704
I	Mar 2019	738	7	13	749	0	749	12.2	642.57	1687
C	Apr 2019	902	0	17	886	0	886	14.9	642.52	1686
A	May 2019	989	-9	22	937	0	937	15.2	643.32	1707
L	Jun 2019	912	-12	25	886	0	886	14.9	642.89	1696
*	Jul 2019	946	-11	25	895	0	894	14.5	643.48	1712
	Aug 2019	781	-11	23	780	0	780	12.7	642.25	1678
	Sep 2019	625	-12	18	735	0	735	12.3	637.00	1538
	WY 2019	**8800**	**-138**	**198**	**8486**	**0**	**8486**			
	Oct 2019	720	-4	15	676	0	676	11.0	638.00	1564
	Nov 2019	559	-19	11	503	0	503	8.5	639.01	1591
	Dec 2019	332	-12	9	319	0	319	5.2	638.70	1583
	Jan 2020	550	-16	10	441	0	441	7.2	641.80	1666
	Feb 2020	635	-13	10	612	0	612	10.6	641.80	1666
	Mar 2020	959	-15	13	896	0	896	14.6	643.05	1700
	Apr 2020	1033	-17	17	1001	0	1001	16.8	643.00	1699
	May 2020	975	-11	22	941	0	941	15.3	643.00	1699
	Jun 2020	902	-16	25	860	0	860	14.5	643.00	1699
	Jul 2020	811	-12	25	801	0	801	13.0	642.00	1671
	Aug 2020	721	-11	23	687	0	687	11.2	642.00	1671
	Sep 2020	694	-12	18	717	0	717	12.1	640.01	1618
	WY 2020	**8892**	**-159**	**198**	**8455**	**0**	**8455**			
	Oct 2020	459	-4	15	624	0	624	10.2	633.00	1434
	Nov 2020	582	-19	10	501	0	501	8.4	635.00	1486
	Dec 2020	543	-12	9	424	0	424	6.9	638.71	1583
	Jan 2021	567	-16	10	458	0	458	7.4	641.80	1666
	Feb 2021	651	-13	10	628	0	628	11.3	641.80	1666
	Mar 2021	975	-15	13	912	0	912	14.8	643.05	1700
	Apr 2021	1050	-17	17	1018	0	1018	17.1	643.00	1699
	May 2021	992	-11	22	958	0	958	15.6	643.00	1699
	Jun 2021	919	-16	25	877	0	877	14.7	643.00	1699
	Jul 2021	828	-12	25	818	0	818	13.3	642.00	1671

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2019 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	Aug 2018	730	22	17	611	9.9	99	22	447.53	571	104	1.7
H	Sep 2018	814	9	15	512	8.6	95	164	448.95	598	94	1.6
	WY 2018	**8981**	**100**	**139**	**6479**		**910**	**1431**			**1500**	
I	Oct 2018	635	23	12	394	6.4	86	176	448.12	582	68	1.1
S	Nov 2018	610	16	9	357	6.0	85	173	447.99	580	97	1.6
T	Dec 2018	386	26	7	218	3.5	70	143	446.53	552	105	1.7
O	Jan 2019	418	19	6	250	4.1	87	91	446.58	553	122	2.0
R	Feb 2019	569	13	8	372	6.7	31	151	447.53	571	143	2.6
I	Mar 2019	749	-5	9	630	10.2	11	83	447.86	577	185	3.0
C	Apr 2019	886	6	11	712	12.0	28	144	447.29	567	170	2.9
A	May 2019	937	8	13	693	11.3	51	154	448.62	592	128	2.1
L	Jun 2019	886	11	15	717	12.0	53	104	448.47	589	138	2.3
*	Jul 2019	894	16	17	739	12.0	59	92	448.12	582	146	2.4
	Aug 2019	780	20	17	624	10.2	63	90	447.80	576	108	1.8
	Sep 2019	735	14	15	513	8.6	61	155	447.50	571	100	1.7
	WY 2019	**8486**	**167**	**140**	**6218**		**686**	**1554**			**1510**	
	Oct 2019	676	24	12	467	7.6	43	171	447.50	570	62	1.0
	Nov 2019	503	14	9	358	6.0	30	115	447.50	571	88	1.5
	Dec 2019	319	22	7	274	4.5	31	43	446.50	552	83	1.4
	Jan 2020	441	18	6	262	4.3	95	92	446.50	552	121	2.0
	Feb 2020	612	11	8	431	7.5	85	92	446.50	552	148	2.6
	Mar 2020	896	5	9	706	11.5	18	157	446.70	555	187	3.0
	Apr 2020	1001	12	11	728	12.2	74	151	448.70	593	173	2.9
	May 2020	941	13	13	695	11.3	77	157	448.70	593	116	1.9
	Jun 2020	860	11	16	718	12.1	74	50	448.70	593	124	2.1
	Jul 2020	801	19	17	677	11.0	77	50	448.00	580	131	2.1
	Aug 2020	687	20	17	598	9.7	77	13	447.50	571	101	1.6
	Sep 2020	717	14	15	508	8.5	74	124	447.50	570	93	1.6
	WY 2020	**8455**	**182**	**139**	**6422**		**754**	**1215**			**1427**	
	Oct 2020	624	24	12	487	7.9	30	112	447.50	571	63	1.0
	Nov 2020	501	14	9	359	6.0	29	112	447.50	571	96	1.6
	Dec 2020	424	22	7	311	5.1	30	112	446.50	552	106	1.7
	Jan 2021	458	18	6	262	4.3	100	104	446.50	552	121	2.0
	Feb 2021	628	11	8	430	7.7	90	104	446.50	552	148	2.7
	Mar 2021	912	5	9	704	11.5	23	169	446.70	555	187	3.0
	Apr 2021	1018	12	11	727	12.2	80	163	448.70	593	173	2.9
	May 2021	958	13	13	694	11.3	83	169	448.70	593	116	1.9
	Jun 2021	877	11	16	716	12.0	80	62	448.70	593	124	2.1
	Jul 2021	818	19	17	676	11.0	83	62	448.00	580	131	2.1

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2019 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Aug 2018	749	12.2	1078.88	9918	119	435.01	1562.0	287.4	100	383.8
H	Sep 2018	725	12.2	1078.29	9870	-49	434.15	1562.0	278.7	100	384.7
	WY 2018	**9240**							**3614.3**		
I	Oct 2018	641	10.4	1078.52	9889	19	435.29	1406.1	247.8	87	386.7
S	Nov 2018	690	11.6	1078.32	9872	-16	434.47	755.0	266.1	49	385.8
T	Dec 2018	453	7.6	1081.46	10132	260	438.59	959.9	179.6	61	396.6
O	Jan 2019	487	7.9	1085.75	10493	361	442.10	1006.1	183.4	63	376.8
R	Feb 2019	621	11.2	1087.97	10682	189	443.82	1119.0	246.4	70	396.7
I	Mar 2019	738	12.0	1090.24	10878	195	444.26	1112.0	295.7	70	400.6
C	Apr 2019	902	15.2	1088.95	10767	-111	439.99	810.1	365.4	51	405.2
A	May 2019	989	16.1	1086.48	10555	-211	440.79	803.9	398.2	51	402.5
L	Jun 2019	912	15.3	1084.71	10405	-150	439.38	1591.0	359.0	100	393.7
*	Jul 2019	946	15.4	1082.82	10246	-159	435.56	1486.0	371.7	93	392.7
	Aug 2019	781	12.7	1084.16	10358	112	432.10	1297.0	307.4	81	393.6
	Sep 2019	625	10.5	1084.96	10426	68	433.24	1600.0	239.3	100	383.0
	WY 2019	**8785**							**3460.0**		
	Oct 2019	720	11.7	1084.24	10366	-61	435.99	1403.0	282.5	88	392.2
	Nov 2019	559	9.4	1085.10	10438	73	436.84	1190.1	218.2	74	390.4
	Dec 2019	332	5.4	1089.40	10805	367	439.07	1213.0	125.2	75	376.5
	Jan 2020	550	9.0	1092.13	11042	237	442.25	1145.0	216.2	70	392.9
	Feb 2020	635	11.0	1093.20	11135	93	443.29	1129.0	253.3	68	398.9
	Mar 2020	959	15.6	1090.59	10908	-227	440.76	1324.0	386.3	81	402.9
	Apr 2020	1033	17.4	1086.15	10527	-381	437.15	1258.1	413.5	78	400.1
	May 2020	975	15.9	1081.79	10160	-367	431.11	1493.9	382.4	94	392.3
	Jun 2020	902	15.2	1078.29	9870	-290	426.56	1576.0	347.3	100	385.1
	Jul 2020	811	13.2	1077.36	9793	-76	424.69	1576.0	313.1	100	386.0
	Aug 2020	721	11.7	1078.25	9867	73	425.00	1591.0	275.1	100	381.4
	Sep 2020	694	11.7	1077.28	9787	-80	425.61	1591.0	264.9	100	381.7
	WY 2020	**8892**							**3478.1**		
	Oct 2020	459	7.5	1079.50	9969	182	432.00	1078.1	178.7	67	389.1
	Nov 2020	582	9.8	1080.09	10018	49	435.68	1079.0	228.5	67	392.7
	Dec 2020	543	8.8	1082.10	10186	168	435.10	1087.1	210.0	68	387.0
	Jan 2021	567	9.2	1085.84	10501	315	435.49	1150.0	220.7	70	389.2
	Feb 2021	651	11.7	1087.53	10645	144	437.34	1131.9	258.6	68	397.1
	Mar 2021	975	15.9	1085.68	10487	-158	435.51	1328.7	389.1	81	399.0
	Apr 2021	1050	17.6	1081.75	10157	-331	432.53	1268.3	416.7	78	396.9
	May 2021	992	16.1	1078.04	9849	-307	427.07	1504.8	379.4	94	382.6
	Jun 2021	919	15.4	1075.33	9628	-221	423.24	1587.7	351.8	100	383.0
	Jul 2021	828	13.5	1075.36	9630	2	422.24	1587.6	318.5	100	384.6

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2019 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Aug 2018	730	11.9	642.29	1679	-17	141.02	255.0	92.7	100	127.1
H	Sep 2018	814	13.7	637.87	1561	-119	136.59	255.0	101.2	100	124.3
	WY 2018	**8981**							**1126.3**		
I	Oct 2018	635	10.3	637.08	1540	-21	135.95	184.3	77.8	72	122.4
S	Nov 2018	610	10.3	638.62	1581	40	137.20	158.1	78.4	62	128.4
T	Dec 2018	386	6.3	640.79	1639	58	140.00	153.0	47.3	60	122.5
O	Jan 2019	418	6.8	641.89	1668	30	143.26	159.6	56.8	63	135.8
R	Feb 2019	569	10.2	643.20	1704	36	144.69	209.5	68.8	82	120.9
I	Mar 2019	749	12.2	642.57	1687	-17	140.17	218.8	94.8	86	126.6
C	Apr 2019	886	14.9	642.52	1686	-1	142.03	210.8	111.9	83	126.3
A	May 2019	937	15.2	643.32	1707	22	139.79	238.6	119.5	94	127.6
L	Jun 2019	886	14.9	642.89	1696	-12	140.50	255.0	113.6	100	128.3
*	Jul 2019	895	14.5	643.48	1712	16	142.50	255.0	113.2	100	126.5
	Aug 2019	780	12.7	642.25	1678	-34	139.94	255.0	98.4	100	126.1
	Sep 2019	735	12.3	637.00	1538	-140	136.84	255.0	90.6	100	123.3
	WY 2019	**8486**							**1071.0**		
	Oct 2019	676	11.0	638.00	1564	26	135.25	208.9	82.3	82	121.8
	Nov 2019	503	8.5	639.01	1591	27	137.31	153.0	62.2	60	123.7
	Dec 2019	319	5.2	638.70	1583	-8	139.16	200.7	40.0	79	125.4
	Jan 2020	441	7.2	641.80	1666	83	139.62	179.3	55.5	70	125.8
	Feb 2020	612	10.6	641.80	1666	0	139.68	189.9	77.0	74	125.8
	Mar 2020	896	14.6	643.05	1700	34	138.83	255.0	112.1	100	125.1
	Apr 2020	1001	16.8	643.00	1699	-1	138.66	255.0	125.1	100	124.9
	May 2020	941	15.3	643.00	1699	0	139.15	255.0	118.0	100	125.4
	Jun 2020	860	14.5	643.00	1699	0	139.44	255.0	108.1	100	125.6
	Jul 2020	801	13.0	642.00	1671	-27	139.45	255.0	100.7	100	125.6
	Aug 2020	687	11.2	642.00	1671	0	139.67	255.0	86.5	100	125.8
	Sep 2020	717	12.1	640.01	1618	-54	138.33	255.0	89.4	100	124.6
	WY 2020	**8455**							**1056.8**		
	Oct 2020	624	10.2	633.00	1434	-183	134.59	208.9	75.7	82	121.3
	Nov 2020	501	8.4	635.00	1486	51	132.81	153.0	60.0	60	119.7
	Dec 2020	424	6.9	638.71	1583	97	136.36	200.7	52.1	79	122.8
	Jan 2021	458	7.4	641.80	1666	83	139.51	179.3	57.6	70	125.7
	Feb 2021	628	11.3	641.80	1666	0	139.41	189.4	78.9	74	125.6
	Mar 2021	912	14.8	643.05	1700	34	138.73	255.0	114.0	100	125.0
	Apr 2021	1018	17.1	643.00	1699	-1	138.56	255.0	127.1	100	124.8
	May 2021	958	15.6	643.00	1699	0	139.05	255.0	120.0	100	125.3
	Jun 2021	877	14.7	643.00	1699	0	139.34	255.0	110.1	100	125.5
	Jul 2021	818	13.3	642.00	1671	-27	139.35	255.0	102.7	100	125.5

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2019 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Aug 2018	611	9.9	447.53	571	-9	79.27	120.0	42.7	100	69.9
H	Sep 2018	512	8.6	448.95	598	27	83.02	120.0	35.9	100	70.1
	WY 2018	**6479**							**451.7**		
I	Oct 2018	394	6.4	448.12	582	-16	82.83	90.0	27.9	75	70.9
S	Nov 2018	357	6.0	447.99	580	-3	82.25	93.0	26.1	78	73.0
T	Dec 2018	218	3.5	446.53	552	-27	81.03	116.1	12.9	97	59.1
O	Jan 2019	250	4.1	446.58	553	1	82.75	117.1	17.0	98	68.2
R	Feb 2019	372	6.7	447.53	571	18	81.87	95.4	25.5	79	68.6
I	Mar 2019	630	10.2	447.86	577	6	82.11	111.3	44.3	93	70.4
C	Apr 2019	712	12.0	447.29	567	-11	79.40	115.0	49.5	96	69.5
A	May 2019	673	11.3	448.62	592	25	80.51	119.0	48.6	99	72.2
L	Jun 2019	717	12.0	448.47	589	-3	80.43	120.0	50.3	100	70.2
*	Jul 2019	739	12.0	448.12	582	-7	80.11	120.0	51.4	100	69.5
	Aug 2019	624	10.2	447.80	576	-6	75.33	120.0	41.0	100	65.7
	Sep 2019	513	8.6	447.50	571	-6	75.03	120.0	33.4	100	65.1
	WY 2019	**6198**							**428.0**		
	Oct 2019	467	7.6	447.50	570	0	76.29	90.0	30.8	75	65.9
	Nov 2019	358	6.0	447.50	571	0	76.14	93.0	23.2	78	65.0
	Dec 2019	274	4.5	446.50	552	-19	74.65	114.2	17.2	95	62.6
	Jan 2020	262	4.3	446.50	552	0	75.07	94.8	16.4	79	62.7
	Feb 2020	431	7.5	446.50	552	0	75.16	93.1	28.0	78	65.1
	Mar 2020	706	11.5	446.70	555	4	74.01	120.0	45.8	100	64.9
	Apr 2020	728	12.2	448.70	593	38	75.08	120.0	48.0	100	65.9
	May 2020	695	11.3	448.70	593	0	76.05	120.0	46.2	100	66.5
	Jun 2020	718	12.1	448.70	593	0	76.05	120.0	47.8	100	66.6
	Jul 2020	677	11.0	448.00	580	-13	75.71	120.0	44.8	100	66.1
	Aug 2020	598	9.7	447.50	571	-9	75.13	120.0	39.1	100	65.4
	Sep 2020	508	8.5	447.50	570	0	74.89	120.0	33.0	100	65.0
	WY 2020	**6422**							**420.4**		
	Oct 2020	487	7.9	447.50	571	0	76.29	90.0	32.2	75	66.1
	Nov 2020	359	6.0	447.50	571	0	76.19	92.0	23.4	77	65.0
	Dec 2020	311	5.1	446.50	552	-19	74.86	109.4	19.7	91	63.3
	Jan 2021	262	4.3	446.50	552	0	75.07	94.8	16.4	79	62.7
	Feb 2021	430	7.7	446.50	552	0	75.21	92.1	28.1	77	65.2
	Mar 2021	704	11.5	446.70	555	4	74.01	120.0	45.7	100	64.9
	Apr 2021	727	12.2	448.70	593	38	75.08	120.0	47.9	100	65.9
	May 2021	694	11.3	448.70	593	0	76.05	120.0	46.1	100	66.5
	Jun 2021	716	12.0	448.70	593	0	76.05	120.0	47.7	100	66.6
	Jul 2021	676	11.0	448.00	580	-13	75.71	120.0	44.7	100	66.1

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2019 24-Month Study

Most Probable Inflow*

Upper Basin Power

	Date	Glen Canyon 1000 MWHR	Flaming Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Reservoir 1000 MWHR	Fontenelle Reservoir 1000 MWHR
*	Aug 2018	393	50	24	33	19	7
H	Sep 2018	288	47	8	29	16	1
	Summer 2018	**2045**	**297**	**133**	**193**	**111**	**36**
I	Oct 2018	268	39	11	19	9	4
S	Nov 2018	248	36	5	4	2	5
T	Dec 2018	313	47	5	6	2	5
O	Jan 2019	335	47	4	6	1	4
R	Feb 2019	302	42	6	8	1	3
I	Mar 2019	325	22	6	9	4	3
	Winter 2019	**1790**	**233**	**36**	**51**	**19**	**24**
C	Apr 2019	294	27	9	14	10	4
A	May 2019	299	38	23	45	21	6
L	Jun 2019	332	82	33	64	22	8
*	Jul 2019	391	39	28	54	23	7
	Aug 2019	372	43	34	52	23	7
	Sep 2019	283	48	33	39	20	3
	Summer 2019	**1972**	**278**	**159**	**268**	**119**	**36**
	Oct 2019	264	28	26	31	16	6
	Nov 2019	264	26	24	29	15	6
	Dec 2019	296	62	34	41	21	6
	Jan 2020	312	62	16	21	11	5
	Feb 2020	278	58	15	19	0	5
	Mar 2020	290	29	15	20	8	4
	Winter 2020	**1704**	**265**	**129**	**161**	**71**	**32**
	Apr 2020	262	28	18	27	15	5
	May 2020	261	29	58	102	23	7
	Jun 2020	281	89	20	32	21	8
	Jul 2020	324	42	19	25	14	10
	Aug 2020	345	45	22	27	14	10
	Sep 2020	258	44	23	29	14	2
	Summer 2020	**1730**	**275**	**161**	**242**	**102**	**40**
	Oct 2020	274	25	15	19	10	5
	Nov 2020	272	24	15	19	10	5
	Dec 2020	306	43	27	34	17	5
	Jan 2021	363	43	20	25	13	5
	Feb 2021	316	38	14	19	10	4
	Mar 2021	336	22	0	22	12	4
	Winter 2021	**1531**	**172**	**92**	**115**	**59**	**23**
	Apr 2021	297	22	0	34	19	5
	May 2021	301	24	2	95	23	7
	Jun 2021	324	87	17	29	20	8
	Jul 2021	372	45	23	29	17	10

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2019 24-Month Study

Most Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions

Date	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Total KAF	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	BOM Space Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****CREDITABLE SPACE****										
Aug 2019	274	7	165	10388	10835	17131	27966	274	7	165	447	10388	17131	27966	1500	781	0	32.7
Sep 2019	319	50	218	10495	11081	17019	28099	319	50	218	586	10495	17019	28099	2270	625	0	32.4
Oct 2019	405	90	257	10557	11308	16951	28259	405	90	257	751	10557	16951	28259	3040	720	0	32.3
Nov 2019	429	126	253	10573	11381	17011	28392	429	126	253	808	10573	17011	28392	3810	559	0	32.3
Dec 2019	445	166	242	10629	11482	16939	28421	445	166	242	853	10629	16939	28421	4580	332	0	32.3
Jan 2020	573	245	246	10711	11775	16572	28347	573	245	246	1064	10711	16572	28347	5350	550	0	32.3
								****EFFECTIVE SPACE****										
Jan 2020	573	245	246	10711	11775	16572	28347	182	151	50	384	10711	16572	27667	5350	550	0	32.3
Feb 2020	695	268	252	10884	12099	16335	28434	306	175	56	537	10884	16335	27756	1500	635	0	32.2
Mar 2020	804	292	251	10984	12331	16242	28573	415	200	54	668	10984	16242	27894	1500	959	0	31.9
Apr 2020	789	305	222	11103	12420	16469	28889	395	213	18	626	11103	16469	28198	1500	1033	0	31.8
May 2020	738	292	167	10943	12140	16850	28990	336	203	-62	477	10943	16850	28270	1500	975	0	32.9
Jun 2020	599	342	174	9576	10691	17217	27908	184	241	-95	330	9576	17217	27123	1500	902	0	34.5
Jul 2020	511	153	338	7844	8845	17507	26353	87	34	11	132	7844	17507	25483	1500	811	0	34.4
								****CREDITABLE SPACE****										
Aug 2020	442	112	388	7852	8794	17584	26377	442	112	388	942	7852	17584	26377	1500	721	0	34.1
Sep 2020	502	121	414	8162	9199	17510	26709	502	121	414	1037	8162	17510	26709	2270	694	0	33.7
Oct 2020	583	149	424	8303	9458	17590	27048	583	149	424	1156	8303	17590	27048	3040	459	0	33.5
Nov 2020	603	158	424	8459	9644	17408	27052	603	158	424	1186	8459	17408	27052	3810	582	0	33.4
Dec 2020	623	173	430	8630	9857	17359	27216	623	173	430	1227	8630	17359	27216	4580	543	0	33.2
Jan 2021	706	240	440	8849	10234	17191	27425	706	240	440	1386	8849	17191	27425	5350	567	0	33.1
								****EFFECTIVE SPACE****										
Jan 2021	706	240	440	8849	10234	17191	27425	374	128	229	731	8849	17191	26771	5350	567	0	33.1
Feb 2021	783	283	453	9201	10719	16876	27595	451	171	241	863	9201	16876	26940	1500	651	0	32.9
Mar 2021	845	309	455	9462	11071	16732	27803	512	198	242	952	9462	16732	27146	1500	975	0	32.7
Apr 2021	809	328	416	9665	11219	16890	28108	471	219	196	886	9665	16890	27441	1500	1050	0	32.6
May 2021	743	335	342	9524	10944	17220	28165	397	226	97	720	9524	17220	27465	1500	992	0	33.8
Jun 2021	577	369	283	8260	9489	17528	27017	217	244	-1	460	8260	17528	26248	1500	919	0	35.3
Jul 2021	459	191	384	6758	7792	17749	25541	87	42	42	170	6758	17749	24678	1500	828	0	35.4

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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August 24-Month Study
Date: August 15, 2019

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

Reservoir	July Inflow (unregulated) (acre-feet)	Percent of Average (%)	August 14, Midnight Elevation (feet)	August 14, Midnight Reservoir Storage (acre-feet)
Fontenelle	184,000	104	6,502.60	318,000
Flaming Gorge	227,000	108	6,033.59	3,490,000
Blue Mesa	282,000	241	7,516.66	804,800
Navajo	171,000	259	6,072.30	1,513,000
Powell	2,451,000	225	3,621.04	13,874,000

Expected Operations

The operation of Lake Powell and Lake Mead in this August 2019 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines), and reflects the 2019 Annual Operating Plan (AOP). Pursuant to the Interim Guidelines, the August 2018 24-Month Study projections of the January 1, 2019, system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2019.

Consistent with Section 6.B of the Interim Guidelines, the Lake Powell operational tier for water year 2019 is the Upper Elevation Balancing Tier. With an 8.23 million acre-feet (maf) release from Lake Powell in water year 2019, the April 2019 24-Month Study projected the end of water year elevation at Lake Powell to be above 3,575 feet and the end of water year elevation at Lake Mead to be below 1,075 feet. Therefore, in accordance with Section 6.B.4 of the Interim Guidelines, Lake Powell operations shifted to balancing releases for the remainder of water year 2019. Under Section 6.B.4, the contents of Lake Powell and Lake Mead will be balanced by the end of the water year, but not more than 9.0 maf and not less than 8.23 maf shall be released from Lake Powell. Based on the most probable inflow forecast, this August 24-Month Study projects a balancing release of 9.0 maf in water year 2019.

Consistent with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar year 2019.

The August 2019 24-Month Study projects the January 1, 2020 Lake Powell elevation to be below the 2019 Equalization Elevation of 3,657 feet and above elevation 3,575 feet. Consistent with Section 6.B of the Interim Guidelines, Lake Powell's operations in water year 2020 will be governed by the Upper Elevation Balancing Tier, with an initial water year release volume of 8.23 maf and the potential for an April adjustment to equalization or balancing releases in April 2020. Based on the most probable inflow forecast, this August 24-Month Study projects an annual release of 8.23 maf in water year 2020.

The August 2019 24-Month Study projects the January 1, 2020 Lake Mead elevation to be above 1,075 feet and below 1,090 feet. Consistent with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar year 2020. In addition, Section III.B of Exhibit 1 to the Lower Basin Drought Contingency Plan (DCP) Agreement will also govern the operation of Lake Mead for calendar year 2020.

The 2020 operational tier determinations for Lake Powell and Lake Mead will be documented in the 2020 AOP, which is currently in development.

The Interim Guidelines are available for download at:
https://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The 2019 AOP is available for download at:
https://www.usbr.gov/lc/region/g4000/aop/AOP19.pdf.
The Colorado River DCPs are available for download at:
https://www.usbr.gov/dcp/finaldocs.html.

Fontenelle Reservoir – Fontenelle Reservoir is currently at elevation 6502.72 feet, which amounts to 92 percent of live storage capacity. Inflows for the month of July totaled 184,000 acre-feet (af) or 104 percent of average. Releases are steady at 1200 cfs.

The Colorado Basin River Forecast Center has forecasted inflows that are at or near average. August, September, and October forecasted inflow volumes amount to 72,000 af (94 percent of average), 46,000 af (100 percent of average), and 46,000 af (95 percent of average), respectively.

The next Fontenelle Working Group meeting is scheduled for August 22, 2019. The meeting will be held at the Water Treatment Facility, 3 Telephone Canyon Road, Green River, WY 82935. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir.

Flaming Gorge Reservoir – The Colorado Pikeminnow base flow study is in progress. Targeted flows at the USGS Jensen gage with the combination of Flaming Gorge releases

and Yampa River flows is between 2000 cfs to 2600 cfs. Releases from Flaming Gorge Dam will depend on how much flow is provided by the Yampa River.

The August final forecast for unregulated inflows into Flaming Gorge for the next three months projects near average conditions: August, September, and October forecasted unregulated inflow volumes at 85,000 af (96 percent of average), 56,000 af (102 percent of average), and 60,000 af (102 percent of average), respectively.

Reclamation will be holding the Flaming Gorge Working Group meeting on August 15th at 10 a.m. at Carbon County Event Center, 450 S Fairgrounds Rd, Price, UT 84501, USA The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stakeholders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations and plans presented by Reclamation at these meetings. Meeting notes from past Working Group meetings are posted on the Working Group webpage. For more information on this group and these meetings please contact Dale Hamilton at 801-379-1186.

Aspinall Unit Reservoirs – As of August 6, 2019 releases from Crystal Dam are approximately 3,100 cfs. Uncompahgre Valley Water Users Association is diverting approximately 1,150 cfs through the Gunnison Tunnel and flows in the Black Canyon are about 2,350 cfs. Releases from Crystal are in gradually being reduced as inflows to Blue Mesa steadily decrease. By Thursday, August 8, 2019 releases from Crystal will be set to approximately 2500 cfs and will likely remain at this level for the next 2 weeks.

Blue Mesa did fill this year and achieved a peak elevation on July 25, 2019 of 7519.15 feet above sea level which corresponded to a storage content of 827,000 af (99 percent of full pool). Since this peak filling, Blue Mesa's elevation has declined to 7517.28 feet above sea level on August 8, 2019.

The unregulated inflow volume in July to Blue Mesa was 282 kaf (241 percent of average). Unregulated Inflow volumes forecasted for Blue Mesa for the next three months (August, September and October) are projected to be: 88,000 af (140 percent of average), 53,000 af (140 percent of average) and 47,000 af (124 percent of average), respectively. The August 24-Month Study is reflective of these new forecasts. The water year unregulated inflow forecast volume for 2019 is 1.361 maf which is 143 percent of average.

The Aspinall Unit Working Group is an open public forum for information exchange between Reclamation and the stakeholders of the Aspinall Unit. The public is encouraged to attend and comments on the operations and plans presented by Reclamation at these meetings. Meeting notes from past working Group meetings are posted on the Working Group webpage. For more information on this group and these meetings please contact Erik Knight in the Grand Junction Area Office at (970) 248-0629.

Meeting notes from past working Group meetings are posted on the Working Group webpage at:

https://www.usbr.gov/uc/wcao/water/rsvrs/mtgs/amcurrnt.html

The next meeting of the Aspinall Unit Working Group will be held on Tuesday, August 15, 2019 at 1:00 pm at the Elk Creek Visitor Center at Blue Mesa Reservoir.

Navajo Reservoir – On August 4th, the daily average release rate from Navajo Dam was approximately 1,030 cfs while reservoir inflow (modified unregulated) was averaging approximately 1,160 cfs. The water surface elevation was 6073.6 feet above sea level. At this elevation the live storage is 1.53 maf (90 percent of live storage capacity) and the active storage is 0.86 maf (83 percent of active storage capacity). NIIP was diverting 840 cfs from the reservoir. The river flow measured at the Animas River at Farmington USGS gage was at 1,030 cfs. River flow at the San Juan River at Four Corners USGS gage was 1,640 cfs.

Total April-July modified unregulated inflow totaled 1.16 maf, or 158 percent of average. Releases from Navajo Dam are made for authorized purposes of the Navajo Unit and are pursuant to the Record of Decision for the Navajo Reservoir Operations.

Preliminary modified-unregulated inflow into Navajo (inflow adjusted for upstream change in storage, reservoir evaporation and exportation from the basin) in July was 171 kaf (259 percent of average for the month).

Forecast modified-unregulated inflow to Navajo over the next three months (August, September, and October) are projected to be: 48 kaf (106 percent of average), 42 kaf (97 percent of average), and 45 kaf (96 percent of average), respectively.

A maintenance release was conducted from Navajo Dam from June 3rd through June 15th. The release peaked at 5,000 cfs on June 12th. The reservoir is likely to peak in the next several days at an elevation near 6075.5 ft.

The San Juan River Recovery Implementation Program (SJRIP) has requested Available Water over the End of Water Year Storage Target of 6063 ft be used to augment baseflows in the critical habitat reach (Farmington to Lake Powell), as recommended in the Flow Recommendations decision tree (1999, updated 2016). Available water over this target will be used to increase the downstream target baseflow to 1500 cfs through October, as long as water is available. Starting in November, the target baseflow will be set as low as possible (with a minimum of 500 cfs) for two weeks, by reducing the release as low as possible, as low as 250 cfs (ROD, 2006). By mid-November, the release will resume normal operations, in an attempt to maintain the typical target baseflow range of 500 - 1000 cfs. Releases will likely range from 800 – 1200 cfs throughout the remainder of the summer.

Reclamation conducts Public Operations Meetings three times per year to gather input for determining upcoming operations for Navajo Reservoir. Input from individuals, organizations, and agencies along with other factors such as weather, water rights,

endangered species requirements, flood control, hydro power, recreation, fish and wildlife management, and reservoir levels, will be considered in the development of these reservoir operation plans. In addition, the meetings are used to coordinate activities and exchange information among agencies, water users, and other interested parties concerning the San Juan River and Navajo Reservoir. The next Navajo Unit Coordination Meeting will be held Tuesday, August 20, 2019 at 1:00 pm at the Farmington Civic Center (200 West Arrington, Farmington, NM).

Glen Canyon Dam / Lake Powell

Current Status

The Department of the Interior is conducting the first experimental flow at Glen Canyon Dam since implementing its Long-Term Experimental and Management Plan (LTEMP). The goal is to provide enhanced habitat for the lifecycle of aquatic insects that are the primary food source for fish in the Colorado River.

Experiments under LTEMP consist of four different flow regimes: high flows, bug flows, trout management flows, and low summer flows. Collaborative discussions among technical experts resulted in a decision to begin this first experiment on May 1 and continue through August 31, 2018. This experiment is being continued for 2019, same time period, (May – August). It will slightly modify the schedule and flow rates of water releases from Lake Powell through Glen Canyon Dam, Arizona. The normally scheduled monthly and weekly release volumes will not be affected.

Flows during the experiment will include steady weekend water releases with routine hydropower production flows on weekdays that include normal hourly changes in release rates. Those steady weekend flows are expected to provide favorable conditions for aquatic insects to lay and cement their eggs to rocks, vegetation, and other materials near the river's edge. Steady weekend flows will be relatively low, within four inches of typical weekday low water levels. It is unlikely casual recreational river users will notice the changes in water levels.

Insects expected to benefit from this experiment are an important food source for many species of fish, birds, and bats in the canyon. Beyond expected resource benefits, this experiment will also provide scientific information that will be used in future decision making.

The unregulated inflow volume to Lake Powell during July was 2.45 (maf) (225 percent of average). The release volume from Glen Canyon Dam in July was 857 thousand acre-feet (kaf). The end of July elevation and storage of Lake Powell were 3,622 ft (78 feet from full pool) and 13.93 maf (57 percent of full capacity), respectively.

Current Operations

The operating tier for water year 2019 was established in August 2018 as the Upper Elevation Balancing Tier. As described in the Interim Guidelines, under balancing, the contents of Lake Powell and Lake Mead are to be balanced by the end of the water year,

but not more than 9.0 maf and not less than 8.23 maf is to be released from Lake Powell. Under this Tier the initial annual water year release volume is 8.23 maf, and the April 2019 24-Month Study projects the end of water year elevation at Lake Powell to be above 3,575 feet, and the end of water year elevation at Lake Mead to be below 1,075 feet. Lake Powell operations have shifted to balancing releases for the remainder of water year 2019. Lake Powell is currently projected to release 9.0 maf in water year 2019. Reclamation will schedule operations at Glen Canyon Dam to achieve as practicably as possible the appropriate total annual release volume by September 30, 2019.

In August, the release volume will be approximately 900 kaf, with fluctuations anticipated between about 10,850 cfs in the nighttime to about 18,850 cfs in the daytime with 11,600 cfs steady releases during the weekend, and consistent with the Glen Canyon Dam, Record of Decision (dated December 2016). The anticipated release volume for September is 687 kaf with daily fluctuations between approximately 8.380 cfs and 14,530 cfs. The expected release for October is 640 kaf.

In addition to daily scheduled fluctuations for power generation, the instantaneous releases from Glen Canyon Dam may also fluctuate to provide 40 megawatts (mw) of system regulation. These instantaneous release adjustments stabilize the electrical generation and transmission system and translate to a range of about 1,200 cfs above or below the hourly scheduled release rate. Under system normal conditions, fluctuations for regulation are typically short lived and generally balance out over the hour with minimal or no noticeable impacts on downstream river flow conditions.

Releases from Glen Canyon Dam can also fluctuate beyond scheduled releases when called upon to respond to unscheduled power outages or power system emergencies. Depending on the severity of the system emergency, the response from Glen Canyon Dam can be significant, within the full range of the operating capacity of the power plant for as long as is necessary to maintain balance in the transmission system. Glen Canyon Dam currently maintains 30 mw (approximately 800 cfs) of generation capacity in reserve in order to respond to a system emergency even when generation rates are already high. System emergencies occur fairly infrequently and typically require small responses from Glen Canyon Dam. However, these responses can have a noticeable impact on the river downstream of Glen Canyon Dam.

Inflow Forecasts and Model Projections

The forecast for water year 2020 unregulated inflow to Lake Powell, issued on August 1, 2019, by the Colorado Basin River Forecast Center, projects that the most probable (median) unregulated inflow volume this year will be 10.8 maf (100 percent of average). There is significant uncertainty regarding this season's snow pack development and resulting runoff into Lake Powell. Reclamation updates the minimum and maximum probable forecasts four times a year: January, April, August and October. The August forecast ranges from a minimum probable of 7.0 maf (65 percent of average) to a maximum probable of 19 maf (175 percent of average). There is a 10 percent chance that inflows could be higher than the current maximum probable forecast and a 10 percent chance that inflows could be lower than the minimum probable forecast.

Based on the current forecast, the August 24-Month Study projects Lake Powell elevation will end water year 2020 near 3,640.14 feet with approximately 16.02 maf in storage (66 percent of capacity). Note that projections of elevation and storage for water year 2020 have significant uncertainty at this point in the season. Projections of end of water year 2020 elevation and storage using the minimum and maximum probable inflow forecast from August 2019 are 3,605.03 feet (12.24 maf, 50 percent of capacity) and 3,657 feet (18.10 maf, 74 percent of capacity), respectively. Under these scenarios, there is a 10 percent chance that inflows will be higher, resulting in higher elevation and storage, and 10 percent chance that inflows will be lower, resulting in lower elevation and storage. The annual release volume from Lake Powell during water year 2020 is projected to be 8.23 maf under the August most probable scenario, and 9.0 maf under the minimum probable and 13.49 maf under the maximum probable inflow scenarios.

Upper Colorado River Basin Hydrology

Upper Colorado River Basin regularly experiences significant year to year hydrologic variability. During the 19-year period 2000 to 2018, however, the unregulated inflow to Lake Powell, which is a good measure of hydrologic conditions in the Colorado River Basin, was above average in only 4 out of the past 19 years. The period 2000-2018 is the lowest 19-year period since the closure of Glen Canyon Dam in 1963, with an average unregulated inflow of 8.54 maf, or 79 percent of the 30-year average (1981-2010). (For comparison, the 1981-2010 total water year average is 10.83 maf.) The unregulated inflow during the 2000-2018 period has ranged from a low of 2.64 maf (24 percent of average) in water year 2002 to a high of 15.97 maf (147 percent of average) in water year 2011. In water year 2018 unregulated inflow volume to Lake Powell was 4.6 maf (43 percent of average), the third driest year on record above 2002 and 1977. Under the current most probable forecast, the total water year 2019 unregulated inflow to Lake Powell is projected to be 13.54 maf (125 percent of average).

At the beginning of water year 2019, total system storage in the Colorado River Basin was 28.01 maf (47 percent of 59.6 maf total system capacity). This is a decrease of 4.91 maf over the total storage at the beginning of water year 2018 when total system storage was 32.92 maf (55 percent of capacity). Since the beginning of water year 2000, total Colorado Basin storage has experienced year to year increases and decreases in response to wet and dry hydrology, ranging from a high of 94 percent of capacity at the beginning of 2000 to the now current level of 47 percent of capacity at the beginning of water year 2019. Based on current inflow forecasts, the current projected end of water year total Colorado Basin reservoir storage for water year 2019 is approximately 32.2 maf (54 percent of total system capacity). The actual end of water year 2019 system storage may vary from this projection, primarily due to uncertainty regarding this season's runoff and reservoir inflow.

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-430
125 SOUTH STATE STREET, ROOM 8100
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-3709

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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:	Obs			jun	Forecast		Outlook		
:	apr	may	jun	jul	%Avg	aug	sep	oct	apr-jul	%Avg
GLDA3:Lake Powell	1242	2511	4206	2451	225%:	700/	500/	610/	10410/:	145%
GBRW4:Fontenelle	114	167	337	184	104%:	72/	46/	46/	802/:	111%
GRNU1:Flaming Gorge	240	252	460	227	108%:	85/	56/	60/	1179/:	120%
BMDC2:Blue Mesa	121	214	471	282	241%:	88/	53/	47/	1088/:	161%
MPSC2:Morrow Point	136	240	512	295	240%:	93/	57/	50/	1183/:	160%
CLSC2:Crystal	150	264	558	321	233%:	103/	65/	57/	1293/:	155%
TPIC2:Taylor Park	10.1	21	68	47	233%:	15/	9/	8/	146/:	147%
VCRC2:Vallecito	32	58	160	58	200%:	22/	19/	15/	308/:	159%
NVRN5:Navajo	230	270	491	171	259%:	48/	42/	45/	1162/:	158%
LEMC2:Lemon	5.8	12.1	46	19.6	295%:	5/	4/	3/	84/:	153%
MPHC2:McPhee	105	117	181	52	231%:	15/	11/	9/	455/:	154%
RBSC2:Ridgway	10.9	15.9	50	46	181%:	17/	10/	9/	123/:	122%
YDLC2:Deerlodge	260	459	643	264	264%:	32/	17/	30/	1626/:	131%

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2019 24-Month Study

Most Probable Inflow*

Fontenelle Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Aug 2018	50	2	75	1	76	6500.10	299
H	Sep 2018	30	2	7	58	65	6495.11	262
	WY 2018	**1397**	**15**	**856**	**528**	**1382**		
I	Oct 2018	42	1	45	20	65	6491.62	238
S	Nov 2018	38	1	60	0	60	6488.29	216
T	Dec 2018	30	1	61	1	61	6483.19	184
O	Jan 2019	28	1	61	0	61	6476.81	150
R	Feb 2019	26	0	55	1	56	6470.41	120
I	Mar 2019	37	0	61	0	61	6464.13	95
C	Apr 2019	114	1	71	0	71	6474.10	137
A	May 2019	167	1	98	0	98	6486.46	204
L	Jun 2019	337	2	107	171	278	6494.89	261
*	Jul 2019	184	3	86	39	125	6502.48	317
	Aug 2019	72	2	74	0	74	6501.96	314
	Sep 2019	46	2	37	35	71	6498.35	287
	WY 2019	**1121**	**15**	**817**	**266**	**1083**		
	Oct 2019	46	1	71	0	71	6494.76	261
	Nov 2019	44	1	68	0	68	6491.14	236
	Dec 2019	37	1	71	0	71	6485.85	201
	Jan 2020	32	1	71	0	71	6479.08	162
	Feb 2020	30	0	66	0	66	6471.43	125
	Mar 2020	48	0	67	0	67	6466.65	105
	Apr 2020	75	1	75	0	75	6466.51	105
	May 2020	155	1	97	8	105	6477.58	154
	Jun 2020	275	2	102	24	126	6500.35	302
	Jul 2020	170	3	101	34	135	6504.49	334
	Aug 2020	68	2	102	3	105	6499.46	295
	Sep 2020	45	2	21	75	95	6492.18	243
	WY 2020	**1025**	**14**	**911**	**144**	**1055**		
	Oct 2020	48	1	63	0	63	6489.73	227
	Nov 2020	42	1	60	0	60	6487.00	209
	Dec 2020	32	1	61	0	61	6482.08	178
	Jan 2021	30	1	61	0	61	6476.07	147
	Feb 2021	28	0	56	0	56	6469.84	118
	Mar 2021	53	0	65	0	65	6466.69	106
	Apr 2021	85	1	87	0	87	6466.03	103
	May 2021	164	1	97	8	105	6478.92	161
	Jun 2021	299	2	102	68	170	6498.59	288
	Jul 2021	178	3	102	30	132	6504.15	331

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3097

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2019 24-Month Study

Most Probable Inflow*

Flaming Gorge Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	Aug 2018	42	68	13	124	0	124	139	6032.67	3453	142
H	Sep 2018	17	52	11	119	0	119	136	6030.75	3378	132
	WY 2018	**1594**	**1580**	**82**	**1608**	**7**	**1616**				**2638**
I	Oct 2018	52	75	7	99	0	99	135	6029.99	3349	131
S	Nov 2018	41	63	4	93	0	93	133	6029.15	3316	121
T	Dec 2018	29	60	2	124	0	124	131	6027.49	3253	153
O	Jan 2019	34	68	2	124	0	124	129	6026.01	3198	154
R	Feb 2019	34	63	2	112	0	112	127	6024.69	3149	143
I	Mar 2019	74	99	3	58	0	58	128	6025.67	3185	128
C	Apr 2019	240	198	5	71	0	71	133	6028.79	3303	341
A	May 2019	252	183	8	99	0	99	136	6030.71	3376	568
L	Jun 2019	460	400	11	215	100	315	139	6032.55	3448	950
*	Jul 2019	227	169	14	100	0	100	141	6033.89	3502	373
	Aug 2019	85	87	13	116	0	116	139	6032.87	3461	148
	Sep 2019	56	81	12	131	0	131	137	6031.39	3403	148
	WY 2019	**1585**	**1547**	**82**	**1339**	**100**	**1439**				**3358**
	Oct 2019	60	85	7	76	0	76	137	6031.41	3404	106
	Nov 2019	60	84	4	71	0	71	137	6031.65	3413	104
	Dec 2019	40	74	2	169	0	169	134	6029.24	3320	196
	Jan 2020	46	85	2	169	0	169	130	6027.05	3237	193
	Feb 2020	49	85	2	158	0	158	127	6025.12	3165	182
	Mar 2020	98	117	3	78	0	78	129	6026.05	3199	149
	Apr 2020	135	135	5	76	0	76	131	6027.44	3251	286
	May 2020	230	180	8	78	0	78	134	6029.79	3341	608
	Jun 2020	340	191	10	242	0	242	132	6028.23	3281	682
	Jul 2020	200	165	14	113	0	113	134	6029.20	3318	188
	Aug 2020	77	114	13	123	0	123	133	6028.64	3297	144
	Sep 2020	50	100	11	119	0	119	132	6027.89	3268	134
	WY 2020	**1385**	**1415**	**80**	**1474**	**0**	**1474**				**2974**
	Oct 2020	55	70	7	68	0	68	131	6027.77	3264	96
	Nov 2020	50	67	3	65	0	65	131	6027.72	3262	95
	Dec 2020	35	64	2	117	0	117	129	6026.34	3210	142
	Jan 2021	40	72	2	117	0	117	127	6025.12	3165	142
	Feb 2021	45	72	2	106	0	106	126	6024.20	3131	133
	Mar 2021	102	115	3	61	0	61	128	6025.51	3179	138
	Apr 2021	134	136	5	60	0	60	131	6027.34	3248	275
	May 2021	245	186	8	65	0	65	135	6030.18	3356	597
	Jun 2021	390	260	11	238	21	259	135	6029.95	3347	679
	Jul 2021	210	165	14	124	0	124	136	6030.64	3374	224

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2019 24-Month Study

Most Probable Inflow*

Taylor Park Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Aug 2018	3	13	9305.51	63
H	Sep 2018	3	8	9301.71	58
	WY 2018	**88**	**108**		
I	Oct 2018	5	3	9302.60	59
S	Nov 2018	3	3	9302.61	59
T	Dec 2018	4	3	9302.74	59
O	Jan 2019	4	3	9302.92	59
R	Feb 2019	3	3	9303.16	60
I	Mar 2019	5	4	9303.75	60
C	Apr 2019	10	7	9306.14	64
A	May 2019	21	26	9302.64	59
L	Jun 2019	68	38	9320.92	89
*	Jul 2019	47	32	9328.49	103
	Aug 2019	15	24	9324.14	95
	Sep 2019	9	21	9317.77	83
	WY 2019	**193**	**168**		
	Oct 2019	8	10	9316.87	81
	Nov 2019	7	6	9317.47	82
	Dec 2019	6	6	9317.39	82
	Jan 2020	5	6	9316.73	81
	Feb 2020	5	6	9316.42	81
	Mar 2020	5	6	9315.75	79
	Apr 2020	7	10	9313.99	76
	May 2020	29	18	9320.26	87
	Jun 2020	40	24	9328.61	103
	Jul 2020	16	24	9324.53	95
	Aug 2020	9	19	9319.16	85
	Sep 2020	7	18	9313.09	75
	WY 2020	**144**	**152**		
	Oct 2020	6	9	9311.53	72
	Nov 2020	5	7	9310.06	70
	Dec 2020	5	5	9310.06	70
	Jan 2021	4	5	9309.90	70
	Feb 2021	4	4	9309.58	69
	Mar 2021	4	7	9308.11	67
	Apr 2021	9	10	9307.63	66
	May 2021	28	13	9316.92	81
	Jun 2021	42	19	9329.23	105
	Jul 2021	20	23	9327.75	102

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2019 24-Month Study

Most Probable Inflow*

Blue Mesa Reservoir

	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Aug 2018	19	28	1	93	0	93	7453.77	334
H	Sep 2018	12	17	1	30	39	68	7444.44	282
	WY 2018	**433**	**453**	**7**	**856**	**39**	**895**		
I	Oct 2018	23	22	0	46	11	56	7437.59	248
S	Nov 2018	22	21	0	19	0	19	7438.08	250
T	Dec 2018	20	19	0	21	0	21	7437.82	249
O	Jan 2019	20	20	0	17	0	17	7438.40	252
R	Feb 2019	20	20	0	23	0	23	7437.59	248
I	Mar 2019	28	27	0	25	0	25	7438.01	250
C	Apr 2019	121	118	0	33	0	33	7453.91	335
A	May 2019	214	218	1	86	18	105	7471.68	447
L	Jun 2019	471	444	1	124	70	194	7504.14	696
*	Jul 2019	282	266	2	87	51	138	7518.61	823
	Aug 2019	88	97	1	108	30	138	7513.89	780
	Sep 2019	53	65	1	104	0	104	7509.29	740
	WY 2019	**1361**	**1336**	**8**	**692**	**180**	**871**		
	Oct 2019	47	49	1	84	0	84	7505.11	704
	Nov 2019	38	37	0	77	0	77	7500.28	664
	Dec 2019	33	33	0	112	0	112	7490.43	585
	Jan 2020	30	31	0	54	0	54	7487.44	562
	Feb 2020	26	27	0	51	0	51	7484.25	537
	Mar 2020	38	39	0	51	0	51	7482.54	525
	Apr 2020	73	76	1	63	0	63	7484.23	537
	May 2020	220	209	1	202	56	258	7477.40	487
	Jun 2020	275	259	1	68	0	68	7501.86	677
	Jul 2020	97	105	1	63	0	63	7506.70	717
	Aug 2020	54	64	1	72	0	72	7505.66	709
	Sep 2020	39	50	1	76	0	76	7502.35	681
	WY 2020	**970**	**978**	**8**	**973**	**56**	**1029**		
	Oct 2020	39	41	1	50	0	50	7501.25	672
	Nov 2020	31	34	0	49	0	49	7499.35	656
	Dec 2020	26	26	0	92	0	92	7491.09	590
	Jan 2021	24	25	0	67	0	67	7485.51	547
	Feb 2021	22	23	0	49	0	49	7481.97	520
	Mar 2021	36	38	0	0	57	57	7479.32	501
	Apr 2021	77	78	1	0	84	84	7478.39	494
	May 2021	221	206	1	6	232	239	7473.62	461
	Jun 2021	261	238	1	59	0	59	7497.15	638
	Jul 2021	117	120	1	75	0	75	7502.42	681

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3097

Processed On: 8/12/2019 12:19:55PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2019 24-Month Study

Most Probable Inflow*

Morrow Point Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Aug 2018	19	93	0	93	94	0	94	7153.96	112
H	Sep 2018	14	68	2	70	84	0	84	7135.77	98
	WY 2018	**460**	**895**	**27**	**922**	**935**	**0**	**937**		
I	Oct 2018	24	56	1	57	56	0	56	7136.92	99
S	Nov 2018	23	19	1	20	13	0	15	7143.47	104
T	Dec 2018	21	21	1	22	18	0	18	7147.95	107
O	Jan 2019	21	17	1	17	18	0	18	7147.00	107
R	Feb 2019	20	23	0	24	23	0	23	7147.57	107
I	Mar 2019	29	25	1	26	26	0	26	7146.90	107
C	Apr 2019	136	33	15	47	41	0	41	7155.16	113
A	May 2019	240	105	25	130	127	0	131	7154.68	113
L	Jun 2019	512	194	41	235	186	0	234	7155.10	113
*	Jul 2019	295	138	13	150	151	0	151	7154.18	112
	Aug 2019	93	138	5	143	143	0	143	7153.73	112
	Sep 2019	57	104	4	108	108	0	108	7153.73	112
	WY 2019	**1470**	**871**	**109**	**980**	**912**	**0**	**966**		
	Oct 2019	50	84	3	87	87	0	87	7153.73	112
	Nov 2019	41	77	3	80	80	0	80	7153.73	112
	Dec 2019	36	112	3	115	115	0	115	7153.73	112
	Jan 2020	33	54	3	57	57	0	57	7153.73	112
	Feb 2020	29	51	3	54	54	0	54	7153.73	112
	Mar 2020	42	51	4	55	55	0	55	7153.73	112
	Apr 2020	86	63	13	76	76	0	76	7153.73	112
	May 2020	245	258	25	283	283	0	283	7153.73	112
	Jun 2020	295	68	20	88	88	0	88	7153.73	112
	Jul 2020	104	63	7	70	70	0	70	7153.73	112
	Aug 2020	57	72	3	75	75	0	75	7153.73	112
	Sep 2020	42	76	3	79	79	0	79	7153.73	112
	WY 2020	**1060**	**1029**	**90**	**1119**	**1119**	**0**	**1119**		
	Oct 2020	42	50	3	53	53	0	53	7153.73	112
	Nov 2020	34	49	2	51	51	0	51	7153.73	112
	Dec 2020	28	92	2	94	94	0	94	7153.73	112
	Jan 2021	27	67	2	70	70	0	70	7153.73	112
	Feb 2021	25	49	3	52	52	0	52	7153.73	112
	Mar 2021	40	57	4	61	61	0	61	7153.73	112
	Apr 2021	88	84	11	95	95	0	95	7153.73	112
	May 2021	247	239	26	265	265	0	265	7153.73	112
	Jun 2021	281	59	20	79	79	0	79	7153.73	112
	Jul 2021	123	75	6	81	81	0	81	7153.73	112

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2019 24-Month Study

Most Probable Inflow*

Crystal Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
*	Aug 2018	21	94	2	96	98	0	98	6744.83	15	65	36
H	Sep 2018	15	84	1	85	87	0	87	6737.22	13	59	33
	WY 2018	**505**	**937**	**45**	**982**	**959**	**26**	**985**			**438**	**553**
I	Oct 2018	27	56	3	59	55	0	55	6751.87	17	33	24
S	Nov 2018	26	15	4	19	21	0	21	6743.11	14	1	19
T	Dec 2018	25	18	4	22	21	0	22	6745.32	15	0	20
O	Jan 2019	25	18	4	22	19	3	22	6746.57	15	1	20
R	Feb 2019	24	23	3	27	9	17	26	6748.26	16	1	25
I	Mar 2019	34	26	5	32	30	0	30	6752.77	17	0	29
C	Apr 2019	150	41	15	55	55	0	55	6753.29	17	26	29
A	May 2019	264	131	24	155	108	31	153	6759.30	19	47	105
L	Jun 2019	558	234	46	280	115	73	282	6753.12	17	51	231
*	Jul 2019	321	151	26	177	121	57	178	6746.79	15	61	124
	Aug 2019	103	143	10	153	136	15	151	6753.04	17	65	86
	Sep 2019	65	108	8	116	116	0	116	6753.04	17	55	61
	WY 2019	**1621**	**966**	**151**	**1117**	**807**	**198**	**1112**			**341**	**774**
	Oct 2019	57	87	7	94	94	0	94	6753.04	17	30	64
	Nov 2019	47	80	6	86	86	0	86	6753.04	17	0	86
	Dec 2019	41	115	5	120	120	0	120	6753.04	17	0	120
	Jan 2020	39	57	6	63	63	0	63	6753.04	17	0	63
	Feb 2020	33	54	4	58	0	58	58	6753.04	17	0	58
	Mar 2020	48	55	6	61	47	15	61	6753.04	17	5	56
	Apr 2020	99	76	13	89	89	0	89	6753.04	17	42	47
	May 2020	280	283	35	318	134	184	318	6753.04	17	62	256
	Jun 2020	330	88	35	123	123	0	123	6753.04	17	61	62
	Jul 2020	116	70	12	82	82	0	82	6753.04	17	65	17
	Aug 2020	64	75	7	82	82	0	82	6753.04	17	65	17
	Sep 2020	46	79	4	83	83	0	83	6753.04	17	55	28
	WY 2020	**1200**	**1119**	**140**	**1259**	**1002**	**256**	**1259**			**385**	**874**
	Oct 2020	46	53	5	58	58	0	58	6753.04	17	30	28
	Nov 2020	38	51	4	56	56	0	56	6753.04	17	0	56
	Dec 2020	32	94	5	98	98	0	98	6753.04	17	0	98
	Jan 2021	31	70	5	74	74	0	74	6753.04	17	0	74
	Feb 2021	29	52	4	56	56	0	56	6753.04	17	0	56
	Mar 2021	46	61	6	68	68	0	68	6753.04	17	5	63
	Apr 2021	101	95	12	107	107	0	107	6753.04	17	42	65
	May 2021	281	265	34	299	134	165	299	6753.04	17	62	237
	Jun 2021	315	79	34	113	113	0	113	6753.04	17	61	52
	Jul 2021	138	81	14	96	96	0	96	6753.04	17	65	31

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2019 24-Month Study

Most Probable Inflow*

Vallecito Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Aug 2018	5	19	7613.87	22
H	Sep 2018	3	4	7613.06	21
	WY 2018	**102**	**153**		
I	Oct 2018	9	3	7617.56	26
S	Nov 2018	5	0	7621.25	31
T	Dec 2018	3	0	7623.31	34
O	Jan 2019	4	0	7625.50	37
R	Feb 2019	4	0	7627.67	41
I	Mar 2019	6	6	7627.39	40
C	Apr 2019	32	25	7631.32	47
A	May 2019	58	41	7640.08	64
L	Jun 2019	160	101	7664.36	124
*	Jul 2019	69	68	7664.45	124
	Aug 2019	22	38	7658.33	108
	Sep 2019	19	30	7654.00	97
	WY 2019	**391**	**312**		
	Oct 2019	15	17	7653.02	94
	Nov 2019	10	6	7654.48	98
	Dec 2019	8	6	7655.06	99
	Jan 2020	7	6	7655.26	100
	Feb 2020	6	6	7655.29	100
	Mar 2020	8	2	7657.62	106
	Apr 2020	21	2	7664.77	125
	May 2020	64	63	7664.90	125
	Jun 2020	68	68	7664.81	125
	Jul 2020	27	41	7659.14	110
	Aug 2020	17	38	7650.72	89
	Sep 2020	14	29	7644.04	73
	WY 2020	**265**	**285**		
	Oct 2020	14	16	7642.66	70
	Nov 2020	8	2	7645.16	76
	Dec 2020	6	2	7647.09	80
	Jan 2021	5	2	7648.56	84
	Feb 2021	5	2	7649.81	87
	Mar 2021	9	2	7652.51	93
	Apr 2021	23	2	7660.83	114
	May 2021	71	62	7664.03	123
	Jun 2021	70	70	7663.85	122
	Jul 2021	29	42	7658.88	109

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2019 24-Month Study

Most Probable Inflow*

Navajo Reservoir

	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azetea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Farmington Flow (1000 Ac-Ft)
*	Aug 2018	-7	0	7	3	42	51	6028.27	991	47
H	Sep 2018	2	0	3	2	27	46	6020.80	919	41
	WY 2018	**268**	**36**	**283**	**24**	**224**	**405**			**531**
I	Oct 2018	23	1	17	1	7	31	6018.35	897	40
S	Nov 2018	15	0	10	1	0	18	6017.43	888	34
T	Dec 2018	12	0	9	0	0	18	6016.39	879	30
O	Jan 2019	13	0	10	0	0	19	6015.33	869	31
R	Feb 2019	17	0	14	1	1	16	6014.90	865	37
I	Mar 2019	114	1	113	1	4	18	6024.61	955	62
C	Apr 2019	230	24	203	2	20	20	6040.36	1117	102
A	May 2019	270	34	216	3	25	25	6054.45	1279	143
L	Jun 2019	491	57	376	4	36	114	6071.44	1501	385
*	Jul 2019	171	26	141	5	47	59	6073.56	1531	224
	Aug 2019	48	2	62	4	48	62	6069.85	1478	114
	Sep 2019	42	2	51	3	26	61	6066.99	1439	98
	WY 2019	**1447**	**147**	**1221**	**26**	**214**	**460**			**1301**
	Oct 2019	45	2	45	2	10	31	6067.24	1443	61
	Nov 2019	39	1	34	1	0	22	6068.08	1454	44
	Dec 2019	29	0	27	1	0	31	6067.79	1450	49
	Jan 2020	26	0	25	1	0	31	6067.33	1444	47
	Feb 2020	31	0	31	1	0	29	6067.39	1445	43
	Mar 2020	80	7	67	2	6	31	6069.51	1474	52
	Apr 2020	145	17	109	3	21	30	6073.44	1529	83
	May 2020	275	36	238	4	36	204	6072.96	1522	351
	Jun 2020	195	24	170	4	53	276	6060.83	1358	411
	Jul 2020	45	2	58	4	57	47	6056.87	1308	102
	Aug 2020	36	1	56	3	48	31	6054.75	1282	64
	Sep 2020	34	1	48	3	26	30	6053.90	1272	56
	WY 2020	**980**	**92**	**908**	**28**	**256**	**791**			**1361**
	Oct 2020	40	2	41	2	9	31	6053.87	1272	55
	Nov 2020	31	0	25	1	0	30	6053.42	1266	47
	Dec 2020	25	0	21	1	0	31	6052.53	1256	46
	Jan 2021	22	0	18	1	0	31	6051.44	1243	44
	Feb 2021	30	0	27	1	0	28	6051.30	1241	40
	Mar 2021	92	9	77	2	6	31	6054.54	1280	53
	Apr 2021	170	21	128	2	22	30	6060.51	1354	82
	May 2021	277	37	231	4	37	133	6064.98	1413	279
	Jun 2021	224	29	195	4	53	238	6057.13	1312	389
	Jul 2021	66	5	74	4	57	32	6055.56	1292	99

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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August 2019 24-Month Study

Most Probable Inflow*

Lake Powell

	Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry Gage (1000 Ac-Ft)
*	Aug 2018	11	260	50	900	0	900	3597.12	4972	11477	911
H	Sep 2018	1	230	45	670	0	670	3592.28	4936	11028	690
	WY 2018	**4612**	**5459**	**386**	**9000**	**0**	**9000**				**9158**
I	Oct 2018	351	477	30	625	0	625	3590.46	4923	10862	650
S	Nov 2018	254	307	29	585	77	662	3586.50	4894	10507	669
T	Dec 2018	228	322	22	740	0	740	3581.85	4862	10099	744
O	Jan 2019	212	303	7	804	0	804	3576.34	4824	9629	815
R	Feb 2019	255	339	7	730	0	730	3571.89	4795	9261	741
I	Mar 2019	624	573	11	790	0	790	3569.28	4778	9049	798
C	Apr 2019	1242	899	18	720	0	720	3571.12	4790	9198	734
A	May 2019	2511	1980	23	720	0	720	3584.65	4881	10343	752
L	Jun 2019	4206	3583	41	765	0	765	3611.82	5087	12914	808
*	Jul 2019	2451	2015	57	857	0	857	3621.60	5168	13933	905
	Aug 2019	700	843	58	900	0	900	3620.60	5160	13827	917
	Sep 2019	500	672	53	686	0	686	3620.02	5155	13765	700
	WY 2019	**13535**	**12313**	**357**	**8923**	**77**	**9000**				**9233**
	Oct 2019	610	660	37	640	0	640	3619.87	5154	13749	650
	Nov 2019	580	614	35	640	0	640	3619.33	5149	13693	641
	Dec 2019	450	660	28	720	0	720	3618.56	5143	13611	726
	Jan 2020	430	582	9	760	0	760	3616.90	5129	13438	771
	Feb 2020	450	582	9	680	0	680	3615.95	5121	13338	689
	Mar 2020	640	597	16	710	0	710	3614.79	5111	13219	724
	Apr 2020	985	839	26	640	0	640	3616.34	5124	13379	655
	May 2020	2250	2138	32	630	0	630	3629.05	5233	14746	641
	Jun 2020	2730	2584	54	660	0	660	3643.98	5372	16478	671
	Jul 2020	870	809	68	750	0	750	3643.91	5371	16470	769
	Aug 2020	425	532	67	800	0	800	3641.32	5346	16160	817
	Sep 2020	380	509	61	600	0	600	3640.14	5335	16019	614
	WY 2020	**10800**	**11107**	**442**	**8230**	**0**	**8230**				**8368**
	Oct 2020	489	514	42	640	0	640	3638.81	5323	15863	650
	Nov 2020	462	495	40	640	0	640	3637.34	5309	15692	641
	Dec 2020	363	516	32	720	0	720	3635.46	5292	15473	726
	Jan 2021	361	489	10	860	0	860	3632.38	5263	15121	871
	Feb 2021	393	479	11	750	0	750	3630.07	5243	14860	759
	Mar 2021	665	599	18	800	0	800	3628.24	5226	14657	814
	Apr 2021	1056	890	28	710	0	710	3629.51	5238	14798	725
	May 2021	2343	2110	35	710	0	710	3640.50	5339	16062	721
	Jun 2021	2666	2430	58	750	0	750	3652.78	5459	17564	761
	Jul 2021	1091	990	72	850	0	850	3653.28	5464	17627	869

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August 2019 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Glen Release (1000 Ac-Ft)	Side Inflow Glen to Hoover (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Aug 2018	900	74	70	749	12.2	28	748	645	1078.88	9918
H	Sep 2018	670	84	58	725	12.2	24	723	642	1078.29	9870
	WY 2018	**9000**	**690**	**541**	**9240**		**241**	**9237**			
I	Oct 2018	625	100	42	641	10.4	23	634	643	1078.52	9889
S	Nov 2018	662	67	42	690	11.6	16	689	642	1078.32	9872
T	Dec 2018	740	52	36	468	7.6	11	467	659	1081.46	10132
O	Jan 2019	804	106	30	487	7.9	8	486	682	1085.75	10493
R	Feb 2019	730	126	28	621	11.2	6	620	694	1087.97	10682
I	Mar 2019	790	201	32	738	12.0	13	737	707	1090.24	10878
C	Apr 2019	720	118	39	902	15.2	15	900	700	1088.95	10767
A	May 2019	720	108	45	989	16.1	18	988	686	1086.48	10555
L	Jun 2019	765	69	54	912	15.3	27	911	676	1084.71	10405
*	Jul 2019	857	21	67	946	15.4	33	946	666	1082.82	10246
	Aug 2019	900	100	71	781	12.7	28	781	673	1084.16	10358
	Sep 2019	686	91	59	625	10.5	21	625	678	1084.96	10426
	WY 2019	**9000**	**1158**	**547**	**8800**		**219**	**8783**			
	Oct 2019	640	82	43	720	11.7	23	720	674	1084.24	10366
	Nov 2019	640	54	43	559	9.4	14	559	678	1085.10	10438
	Dec 2019	720	51	37	332	5.4	11	332	702	1089.40	10805
	Jan 2020	760	83	31	550	9.0	9	550	718	1092.13	11042
	Feb 2020	680	91	29	635	11.0	8	635	724	1093.20	11135
	Mar 2020	710	57	32	959	15.6	18	959	709	1090.59	10908
	Apr 2020	640	49	39	1033	17.4	22	1033	684	1086.15	10527
	May 2020	630	30	45	975	15.9	31	975	660	1081.79	10160
	Jun 2020	660	17	53	902	15.2	31	902	642	1078.29	9870
	Jul 2020	750	80	66	811	13.2	34	811	637	1077.36	9793
	Aug 2020	800	100	70	721	11.7	31	721	641	1078.25	9867
	Sep 2020	600	91	57	694	11.7	24	694	636	1077.28	9787
	WY 2020	**8230**	**784**	**545**	**8892**		**257**	**8892**			
	Oct 2020	640	82	42	459	7.5	26	459	648	1079.50	9969
	Nov 2020	640	54	42	582	9.8	18	582	651	1080.09	10018
	Dec 2020	720	51	37	543	8.8	14	543	662	1082.10	10186
	Jan 2021	860	83	30	567	9.2	9	567	683	1085.84	10501
	Feb 2021	750	91	28	651	11.7	9	651	692	1087.53	10645
	Mar 2021	800	57	31	975	15.9	18	975	682	1085.68	10487
	Apr 2021	710	49	39	1050	17.6	23	1050	660	1081.75	10157
	May 2021	710	30	44	992	16.1	32	992	640	1078.04	9849
	Jun 2021	750	17	52	919	15.4	32	919	626	1075.33	9628
	Jul 2021	850	80	65	828	13.5	34	828	626	1075.36	9630

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August 2019 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Aug 2018	749	-13	23	730	0	730	11.9	642.29	1679
H	Sep 2018	725	-11	18	814	0	814	13.7	637.87	1561
	WY 2018	**9240**	**-103**	**198**	**8981**	**0**	**8981**			
I	Oct 2018	641	-11	15	635	0	635	10.3	637.08	1540
S	Nov 2018	690	-28	11	610	0	610	10.3	638.62	1581
T	Dec 2018	468	-14	9	386	0	386	6.3	640.79	1639
O	Jan 2019	487	-29	10	418	0	418	6.8	641.89	1668
R	Feb 2019	621	-6	10	569	0	569	10.2	643.20	1704
I	Mar 2019	738	7	13	749	0	749	12.2	642.57	1687
C	Apr 2019	902	0	17	886	0	886	14.9	642.52	1686
A	May 2019	989	-9	22	937	0	937	15.2	643.32	1707
L	Jun 2019	912	-12	25	886	0	886	14.9	642.89	1696
*	Jul 2019	946	-11	25	895	0	894	14.5	643.48	1712
	Aug 2019	781	-11	23	780	0	780	12.7	642.25	1678
	Sep 2019	625	-12	18	735	0	735	12.3	637.00	1538
	WY 2019	**8800**	**-138**	**198**	**8486**	**0**	**8486**			
	Oct 2019	720	-4	15	676	0	676	11.0	638.00	1564
	Nov 2019	559	-19	11	503	0	503	8.5	639.01	1591
	Dec 2019	332	-12	9	319	0	319	5.2	638.70	1583
	Jan 2020	550	-16	10	441	0	441	7.2	641.80	1666
	Feb 2020	635	-13	10	612	0	612	10.6	641.80	1666
	Mar 2020	959	-15	13	896	0	896	14.6	643.05	1700
	Apr 2020	1033	-17	17	1001	0	1001	16.8	643.00	1699
	May 2020	975	-11	22	941	0	941	15.3	643.00	1699
	Jun 2020	902	-16	25	860	0	860	14.5	643.00	1699
	Jul 2020	811	-12	25	801	0	801	13.0	642.00	1671
	Aug 2020	721	-11	23	687	0	687	11.2	642.00	1671
	Sep 2020	694	-12	18	717	0	717	12.1	640.01	1618
	WY 2020	**8892**	**-159**	**198**	**8455**	**0**	**8455**			
	Oct 2020	459	-4	15	624	0	624	10.2	633.00	1434
	Nov 2020	582	-19	10	501	0	501	8.4	635.00	1486
	Dec 2020	543	-12	9	424	0	424	6.9	638.71	1583
	Jan 2021	567	-16	10	458	0	458	7.4	641.80	1666
	Feb 2021	651	-13	10	628	0	628	11.3	641.80	1666
	Mar 2021	975	-15	13	912	0	912	14.8	643.05	1700
	Apr 2021	1050	-17	17	1018	0	1018	17.1	643.00	1699
	May 2021	992	-11	22	958	0	958	15.6	643.00	1699
	Jun 2021	919	-16	25	877	0	877	14.7	643.00	1699
	Jul 2021	828	-12	25	818	0	818	13.3	642.00	1671

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2019 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	Aug 2018	730	22	17	611	9.9	99	22	447.53	571	104	1.7
H	Sep 2018	814	9	15	512	8.6	95	164	448.95	598	94	1.6
	WY 2018	**8981**	**100**	**139**	**6479**		**910**	**1431**			**1500**	
I	Oct 2018	635	23	12	394	6.4	86	176	448.12	582	68	1.1
S	Nov 2018	610	16	9	357	6.0	85	173	447.99	580	97	1.6
T	Dec 2018	386	26	7	218	3.5	70	143	446.53	552	105	1.7
O	Jan 2019	418	19	6	250	4.1	87	91	446.58	553	122	2.0
R	Feb 2019	569	13	8	372	6.7	31	151	447.53	571	143	2.6
I	Mar 2019	749	-5	9	630	10.2	11	83	447.86	577	185	3.0
C	Apr 2019	886	6	11	712	12.0	28	144	447.29	567	170	2.9
A	May 2019	937	8	13	693	11.3	51	154	448.62	592	128	2.1
L	Jun 2019	886	11	15	717	12.0	53	104	448.47	589	138	2.3
*	Jul 2019	894	16	17	739	12.0	59	92	448.12	582	146	2.4
	Aug 2019	780	20	17	624	10.2	63	90	447.80	576	108	1.8
	Sep 2019	735	14	15	513	8.6	61	155	447.50	571	100	1.7
	WY 2019	**8486**	**167**	**140**	**6218**		**686**	**1554**			**1510**	
	Oct 2019	676	24	12	467	7.6	43	171	447.50	570	62	1.0
	Nov 2019	503	14	9	358	6.0	30	115	447.50	571	88	1.5
	Dec 2019	319	22	7	274	4.5	31	43	446.50	552	83	1.4
	Jan 2020	441	18	6	262	4.3	95	92	446.50	552	121	2.0
	Feb 2020	612	11	8	431	7.5	85	92	446.50	552	148	2.6
	Mar 2020	896	5	9	706	11.5	18	157	446.70	555	187	3.0
	Apr 2020	1001	12	11	728	12.2	74	151	448.70	593	173	2.9
	May 2020	941	13	13	695	11.3	77	157	448.70	593	116	1.9
	Jun 2020	860	11	16	718	12.1	74	50	448.70	593	124	2.1
	Jul 2020	801	19	17	677	11.0	77	50	448.00	580	131	2.1
	Aug 2020	687	20	17	598	9.7	77	13	447.50	571	101	1.6
	Sep 2020	717	14	15	508	8.5	74	124	447.50	570	93	1.6
	WY 2020	**8455**	**182**	**139**	**6422**		**754**	**1215**			**1427**	
	Oct 2020	624	24	12	487	7.9	30	112	447.50	571	63	1.0
	Nov 2020	501	14	9	359	6.0	29	112	447.50	571	96	1.6
	Dec 2020	424	22	7	311	5.1	30	112	446.50	552	106	1.7
	Jan 2021	458	18	6	262	4.3	100	104	446.50	552	121	2.0
	Feb 2021	628	11	8	430	7.7	90	104	446.50	552	148	2.7
	Mar 2021	912	5	9	704	11.5	23	169	446.70	555	187	3.0
	Apr 2021	1018	12	11	727	12.2	80	163	448.70	593	173	2.9
	May 2021	958	13	13	694	11.3	83	169	448.70	593	116	1.9
	Jun 2021	877	11	16	716	12.0	80	62	448.70	593	124	2.1
	Jul 2021	818	19	17	676	11.0	83	62	448.00	580	131	2.1

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2019 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Aug 2018	749	12.2	1078.88	9918	119	435.01	1562.0	287.4	100	383.8
H	Sep 2018	725	12.2	1078.29	9870	-49	434.15	1562.0	278.7	100	384.7
	WY 2018	**9240**							**3614.3**		
I	Oct 2018	641	10.4	1078.52	9889	19	435.29	1406.1	247.8	87	386.7
S	Nov 2018	690	11.6	1078.32	9872	-16	434.47	755.0	266.1	49	385.8
T	Dec 2018	453	7.6	1081.46	10132	260	438.59	959.9	179.6	61	396.6
O	Jan 2019	487	7.9	1085.75	10493	361	442.10	1006.1	183.4	63	376.8
R	Feb 2019	621	11.2	1087.97	10682	189	443.82	1119.0	246.4	70	396.7
I	Mar 2019	738	12.0	1090.24	10878	195	444.26	1112.0	295.7	70	400.6
C	Apr 2019	902	15.2	1088.95	10767	-111	439.99	810.1	365.4	51	405.2
A	May 2019	989	16.1	1086.48	10555	-211	440.79	803.9	398.2	51	402.5
L	Jun 2019	912	15.3	1084.71	10405	-150	439.38	1591.0	359.0	100	393.7
*	Jul 2019	946	15.4	1082.82	10246	-159	435.56	1486.0	371.7	93	392.7
	Aug 2019	781	12.7	1084.16	10358	112	432.10	1297.0	307.4	81	393.6
	Sep 2019	625	10.5	1084.96	10426	68	433.24	1600.0	239.3	100	383.0
	WY 2019	**8785**							**3460.0**		
	Oct 2019	720	11.7	1084.24	10366	-61	435.99	1403.0	282.5	88	392.2
	Nov 2019	559	9.4	1085.10	10438	73	436.84	1190.1	218.2	74	390.4
	Dec 2019	332	5.4	1089.40	10805	367	439.07	1213.0	125.2	75	376.5
	Jan 2020	550	9.0	1092.13	11042	237	442.25	1145.0	216.2	70	392.9
	Feb 2020	635	11.0	1093.20	11135	93	443.29	1129.0	253.3	68	398.9
	Mar 2020	959	15.6	1090.59	10908	-227	440.76	1324.0	386.3	81	402.9
	Apr 2020	1033	17.4	1086.15	10527	-381	437.15	1258.1	413.5	78	400.1
	May 2020	975	15.9	1081.79	10160	-367	431.11	1493.9	382.4	94	392.3
	Jun 2020	902	15.2	1078.29	9870	-290	426.56	1576.0	347.3	100	385.1
	Jul 2020	811	13.2	1077.36	9793	-76	424.69	1576.0	313.1	100	386.0
	Aug 2020	721	11.7	1078.25	9867	73	425.00	1591.0	275.1	100	381.4
	Sep 2020	694	11.7	1077.28	9787	-80	425.61	1591.0	264.9	100	381.7
	WY 2020	**8892**							**3478.1**		
	Oct 2020	459	7.5	1079.50	9969	182	432.00	1078.1	178.7	67	389.1
	Nov 2020	582	9.8	1080.09	10018	49	435.68	1079.0	228.5	67	392.7
	Dec 2020	543	8.8	1082.10	10186	168	435.10	1087.1	210.0	68	387.0
	Jan 2021	567	9.2	1085.84	10501	315	435.49	1150.0	220.7	70	389.2
	Feb 2021	651	11.7	1087.53	10645	144	437.34	1131.9	258.6	68	397.1
	Mar 2021	975	15.9	1085.68	10487	-158	435.51	1328.7	389.1	81	399.0
	Apr 2021	1050	17.6	1081.75	10157	-331	432.53	1268.3	416.7	78	396.9
	May 2021	992	16.1	1078.04	9849	-307	427.07	1504.8	379.4	94	382.6
	Jun 2021	919	15.4	1075.33	9628	-221	423.24	1587.7	351.8	100	383.0
	Jul 2021	828	13.5	1075.36	9630	2	422.24	1587.6	318.5	100	384.6

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2019 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Aug 2018	730	11.9	642.29	1679	-17	141.02	255.0	92.7	100	127.1
H	Sep 2018	814	13.7	637.87	1561	-119	136.59	255.0	101.2	100	124.3
	WY 2018	**8981**							**1126.3**		
I	Oct 2018	635	10.3	637.08	1540	-21	135.95	184.3	77.8	72	122.4
S	Nov 2018	610	10.3	638.62	1581	40	137.20	158.1	78.4	62	128.4
T	Dec 2018	386	6.3	640.79	1639	58	140.00	153.0	47.3	60	122.5
O	Jan 2019	418	6.8	641.89	1668	30	143.26	159.6	56.8	63	135.8
R	Feb 2019	569	10.2	643.20	1704	36	144.69	209.5	68.8	82	120.9
I	Mar 2019	749	12.2	642.57	1687	-17	140.17	218.8	94.8	86	126.6
C	Apr 2019	886	14.9	642.52	1686	-1	142.03	210.8	111.9	83	126.3
A	May 2019	937	15.2	643.32	1707	22	139.79	238.6	119.5	94	127.6
L	Jun 2019	886	14.9	642.89	1696	-12	140.50	255.0	113.6	100	128.3
*	Jul 2019	895	14.5	643.48	1712	16	142.50	255.0	113.2	100	126.5
	Aug 2019	780	12.7	642.25	1678	-34	139.94	255.0	98.4	100	126.1
	Sep 2019	735	12.3	637.00	1538	-140	136.84	255.0	90.6	100	123.3
	WY 2019	**8486**							**1071.0**		
	Oct 2019	676	11.0	638.00	1564	26	135.25	208.9	82.3	82	121.8
	Nov 2019	503	8.5	639.01	1591	27	137.31	153.0	62.2	60	123.7
	Dec 2019	319	5.2	638.70	1583	-8	139.16	200.7	40.0	79	125.4
	Jan 2020	441	7.2	641.80	1666	83	139.62	179.3	55.5	70	125.8
	Feb 2020	612	10.6	641.80	1666	0	139.68	189.9	77.0	74	125.8
	Mar 2020	896	14.6	643.05	1700	34	138.83	255.0	112.1	100	125.1
	Apr 2020	1001	16.8	643.00	1699	-1	138.66	255.0	125.1	100	124.9
	May 2020	941	15.3	643.00	1699	0	139.15	255.0	118.0	100	125.4
	Jun 2020	860	14.5	643.00	1699	0	139.44	255.0	108.1	100	125.6
	Jul 2020	801	13.0	642.00	1671	-27	139.45	255.0	100.7	100	125.6
	Aug 2020	687	11.2	642.00	1671	0	139.67	255.0	86.5	100	125.8
	Sep 2020	717	12.1	640.01	1618	-54	138.33	255.0	89.4	100	124.6
	WY 2020	**8455**							**1056.8**		
	Oct 2020	624	10.2	633.00	1434	-183	134.59	208.9	75.7	82	121.3
	Nov 2020	501	8.4	635.00	1486	51	132.81	153.0	60.0	60	119.7
	Dec 2020	424	6.9	638.71	1583	97	136.36	200.7	52.1	79	122.8
	Jan 2021	458	7.4	641.80	1666	83	139.51	179.3	57.6	70	125.7
	Feb 2021	628	11.3	641.80	1666	0	139.41	189.4	78.9	74	125.6
	Mar 2021	912	14.8	643.05	1700	34	138.73	255.0	114.0	100	125.0
	Apr 2021	1018	17.1	643.00	1699	-1	138.56	255.0	127.1	100	124.8
	May 2021	958	15.6	643.00	1699	0	139.05	255.0	120.0	100	125.3
	Jun 2021	877	14.7	643.00	1699	0	139.34	255.0	110.1	100	125.5
	Jul 2021	818	13.3	642.00	1671	-27	139.35	255.0	102.7	100	125.5

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Managing Water in the West

August 2019 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Aug 2018	611	9.9	447.53	571	-9	79.27	120.0	42.7	100	69.9
H	Sep 2018	512	8.6	448.95	598	27	83.02	120.0	35.9	100	70.1
	WY 2018	**6479**							**451.7**		
I	Oct 2018	394	6.4	448.12	582	-16	82.83	90.0	27.9	75	70.9
S	Nov 2018	357	6.0	447.99	580	-3	82.25	93.0	26.1	78	73.0
T	Dec 2018	218	3.5	446.53	552	-27	81.03	116.1	12.9	97	59.1
O	Jan 2019	250	4.1	446.58	553	1	82.75	117.1	17.0	98	68.2
R	Feb 2019	372	6.7	447.53	571	18	81.87	95.4	25.5	79	68.6
I	Mar 2019	630	10.2	447.86	577	6	82.11	111.3	44.3	93	70.4
C	Apr 2019	712	12.0	447.29	567	-11	79.40	115.0	49.5	96	69.5
A	May 2019	673	11.3	448.62	592	25	80.51	119.0	48.6	99	72.2
L	Jun 2019	717	12.0	448.47	589	-3	80.43	120.0	50.3	100	70.2
*	Jul 2019	739	12.0	448.12	582	-7	80.11	120.0	51.4	100	69.5
	Aug 2019	624	10.2	447.80	576	-6	75.33	120.0	41.0	100	65.7
	Sep 2019	513	8.6	447.50	571	-6	75.03	120.0	33.4	100	65.1
	WY 2019	**6198**							**428.0**		
	Oct 2019	467	7.6	447.50	570	0	76.29	90.0	30.8	75	65.9
	Nov 2019	358	6.0	447.50	571	0	76.14	93.0	23.2	78	65.0
	Dec 2019	274	4.5	446.50	552	-19	74.65	114.2	17.2	95	62.6
	Jan 2020	262	4.3	446.50	552	0	75.07	94.8	16.4	79	62.7
	Feb 2020	431	7.5	446.50	552	0	75.16	93.1	28.0	78	65.1
	Mar 2020	706	11.5	446.70	555	4	74.01	120.0	45.8	100	64.9
	Apr 2020	728	12.2	448.70	593	38	75.08	120.0	48.0	100	65.9
	May 2020	695	11.3	448.70	593	0	76.05	120.0	46.2	100	66.5
	Jun 2020	718	12.1	448.70	593	0	76.05	120.0	47.8	100	66.6
	Jul 2020	677	11.0	448.00	580	-13	75.71	120.0	44.8	100	66.1
	Aug 2020	598	9.7	447.50	571	-9	75.13	120.0	39.1	100	65.4
	Sep 2020	508	8.5	447.50	570	0	74.89	120.0	33.0	100	65.0
	WY 2020	**6422**							**420.4**		
	Oct 2020	487	7.9	447.50	571	0	76.29	90.0	32.2	75	66.1
	Nov 2020	359	6.0	447.50	571	0	76.19	92.0	23.4	77	65.0
	Dec 2020	311	5.1	446.50	552	-19	74.86	109.4	19.7	91	63.3
	Jan 2021	262	4.3	446.50	552	0	75.07	94.8	16.4	79	62.7
	Feb 2021	430	7.7	446.50	552	0	75.21	92.1	28.1	77	65.2
	Mar 2021	704	11.5	446.70	555	4	74.01	120.0	45.7	100	64.9
	Apr 2021	727	12.2	448.70	593	38	75.08	120.0	47.9	100	65.9
	May 2021	694	11.3	448.70	593	0	76.05	120.0	46.1	100	66.5
	Jun 2021	716	12.0	448.70	593	0	76.05	120.0	47.7	100	66.6
	Jul 2021	676	11.0	448.00	580	-13	75.71	120.0	44.7	100	66.1

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Managing Water in the West

August 2019 24-Month Study

Most Probable Inflow*

Upper Basin Power

	Date	Glen Canyon 1000 MWHR	Flaming Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Reservoir 1000 MWHR	Fontenelle Reservoir 1000 MWHR
*	Aug 2018	393	50	24	33	19	7
H	Sep 2018	288	47	8	29	16	1
	Summer 2018	**2045**	**297**	**133**	**193**	**111**	**36**
I	Oct 2018	268	39	11	19	9	4
S	Nov 2018	248	36	5	4	2	5
T	Dec 2018	313	47	5	6	2	5
O	Jan 2019	335	47	4	6	1	4
R	Feb 2019	302	42	6	8	1	3
I	Mar 2019	325	22	6	9	4	3
	Winter 2019	**1790**	**233**	**36**	**51**	**19**	**24**
C	Apr 2019	294	27	9	14	10	4
A	May 2019	299	38	23	45	21	6
L	Jun 2019	332	82	33	64	22	8
*	Jul 2019	391	39	28	54	23	7
	Aug 2019	372	43	34	52	23	7
	Sep 2019	283	48	33	39	20	3
	Summer 2019	**1972**	**278**	**159**	**268**	**119**	**36**
	Oct 2019	264	28	26	31	16	6
	Nov 2019	264	26	24	29	15	6
	Dec 2019	296	62	34	41	21	6
	Jan 2020	312	62	16	21	11	5
	Feb 2020	278	58	15	19	0	5
	Mar 2020	290	29	15	20	8	4
	Winter 2020	**1704**	**265**	**129**	**161**	**71**	**32**
	Apr 2020	262	28	18	27	15	5
	May 2020	261	29	58	102	23	7
	Jun 2020	281	89	20	32	21	8
	Jul 2020	324	42	19	25	14	10
	Aug 2020	345	45	22	27	14	10
	Sep 2020	258	44	23	29	14	2
	Summer 2020	**1730**	**275**	**161**	**242**	**102**	**40**
	Oct 2020	274	25	15	19	10	5
	Nov 2020	272	24	15	19	10	5
	Dec 2020	306	43	27	34	17	5
	Jan 2021	363	43	20	25	13	5
	Feb 2021	316	38	14	19	10	4
	Mar 2021	336	22	0	22	12	4
	Winter 2021	**1531**	**172**	**92**	**115**	**59**	**23**
	Apr 2021	297	22	0	34	19	5
	May 2021	301	24	2	95	23	7
	Jun 2021	324	87	17	29	20	8
	Jul 2021	372	45	23	29	17	10

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3097

Processed On: 8/12/2019 12:19:55PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

August 2019 24-Month Study

Most Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions

Date	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Total KAF	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****CREDITABLE SPACE****										
Aug 2019	274	7	165	10388	10835	17131	27966	274	7	165	447	10388	17131	27966	1500	781	0	32.7
Sep 2019	319	50	218	10495	11081	17019	28099	319	50	218	586	10495	17019	28099	2270	625	0	32.4
Oct 2019	405	90	257	10557	11308	16951	28259	405	90	257	751	10557	16951	28259	3040	720	0	32.3
Nov 2019	429	126	253	10573	11381	17011	28392	429	126	253	808	10573	17011	28392	3810	559	0	32.3
Dec 2019	445	166	242	10629	11482	16939	28421	445	166	242	853	10629	16939	28421	4580	332	0	32.3
Jan 2020	573	245	246	10711	11775	16572	28347	573	245	246	1064	10711	16572	28347	5350	550	0	32.3
								****EFFECTIVE SPACE****										
Jan 2020	573	245	246	10711	11775	16572	28347	182	151	50	384	10711	16572	27667	5350	550	0	32.3
Feb 2020	695	268	252	10884	12099	16335	28434	306	175	56	537	10884	16335	27756	1500	635	0	32.2
Mar 2020	804	292	251	10984	12331	16242	28573	415	200	54	668	10984	16242	27894	1500	959	0	31.9
Apr 2020	789	305	222	11103	12420	16469	28889	395	213	18	626	11103	16469	28198	1500	1033	0	31.8
May 2020	738	292	167	10943	12140	16850	28990	336	203	-62	477	10943	16850	28270	1500	975	0	32.9
Jun 2020	599	342	174	9576	10691	17217	27908	184	241	-95	330	9576	17217	27123	1500	902	0	34.5
Jul 2020	511	153	338	7844	8845	17507	26353	87	34	11	132	7844	17507	25483	1500	811	0	34.4
								****CREDITABLE SPACE****										
Aug 2020	442	112	388	7852	8794	17584	26377	442	112	388	942	7852	17584	26377	1500	721	0	34.1
Sep 2020	502	121	414	8162	9199	17510	26709	502	121	414	1037	8162	17510	26709	2270	694	0	33.7
Oct 2020	583	149	424	8303	9458	17590	27048	583	149	424	1156	8303	17590	27048	3040	459	0	33.5
Nov 2020	603	158	424	8459	9644	17408	27052	603	158	424	1186	8459	17408	27052	3810	582	0	33.4
Dec 2020	623	173	430	8630	9857	17359	27216	623	173	430	1227	8630	17359	27216	4580	543	0	33.2
Jan 2021	706	240	440	8849	10234	17191	27425	706	240	440	1386	8849	17191	27425	5350	567	0	33.1
								****EFFECTIVE SPACE****										
Jan 2021	706	240	440	8849	10234	17191	27425	374	128	229	731	8849	17191	26771	5350	567	0	33.1
Feb 2021	783	283	453	9201	10719	16876	27595	451	171	241	863	9201	16876	26940	1500	651	0	32.9
Mar 2021	845	309	455	9462	11071	16732	27803	512	198	242	952	9462	16732	27146	1500	975	0	32.7
Apr 2021	809	328	416	9665	11219	16890	28108	471	219	196	886	9665	16890	27441	1500	1050	0	32.6
May 2021	743	335	342	9524	10944	17220	28165	397	226	97	720	9524	17220	27465	1500	992	0	33.8
Jun 2021	577	369	283	8260	9489	17528	27017	217	244	-1	460	8260	17528	26248	1500	919	0	35.3
Jul 2021	459	191	384	6758	7792	17749	25541	87	42	42	170	6758	17749	24678	1500	828	0	35.4

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3097

Processed On: 8/12/2019 12:19:55PM

September 24-Month Study
Date: September 13, 2019

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

Reservoir	August Inflow (unregulated) (acre-feet)	Percent of Average (%)	September 13, Midnight Elevation (feet)	September 13, Midnight Reservoir Storage (acre-feet)
Fontenelle	57,000	74	6,498.17	285,000
Flaming Gorge	59,000	67	6,032.33	3,440,000
Blue Mesa	92,000	144	7,512.46	767,000
Navajo	40,000	89	6,065.43	1,418,000
Powell	472,000	94	3,617.22	13,480,000

Expected Operations

The operation of Lake Powell and Lake Mead in this September 2019 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines), and reflects the 2019 Annual Operating Plan (AOP). Pursuant to the Interim Guidelines, the August 2018 24-Month Study projections of the January 1, 2019, system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2019.

Consistent with Section 6.B of the Interim Guidelines, the Lake Powell operational tier for water year 2019 is the Upper Elevation Balancing Tier. With an 8.23 million acre-feet (maf) release from Lake Powell in water year 2019, the April 2019 24-Month Study projected the end of water year elevation at Lake Powell to be above 3,575 feet and the end of water year elevation at Lake Mead to be below 1,075 feet. Therefore, in accordance with Section 6.B.4 of the Interim Guidelines, Lake Powell operations shifted to balancing releases for the remainder of water year 2019. Under Section 6.B.4, the contents of Lake Powell and Lake Mead will be balanced by the end of the water year, but not more than 9.0 maf and not less than 8.23 maf shall be released from Lake Powell. Based on the most probable inflow forecast, this September 24-Month Study projects a balancing release of 9.0 maf in water year 2019.

Consistent with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar year 2019.

The August 2019 24-Month Study projects the January 1, 2020 Lake Powell elevation to be below the 2019 Equalization Elevation of 3,657 feet and above elevation 3,575 feet. Consistent with Section 6.B of the Interim Guidelines, Lake Powell's operations in water year 2020 will be governed by the Upper Elevation Balancing Tier, with an initial water year release volume of 8.23 maf and the potential for an April adjustment to equalization or balancing releases in April 2020. Based on the most probable inflow forecast, this September 24-Month Study projects an annual release of 8.23 maf in water year 2020.

The August 2019 24-Month Study projects the January 1, 2020 Lake Mead elevation to be above 1,075 feet and below 1,090 feet. Consistent with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar year 2020. In addition, Section III.B of Exhibit 1 to the Lower Basin Drought Contingency Plan (DCP) Agreement will also govern the operation of Lake Mead for calendar year 2020.

The 2020 operational tier determinations for Lake Powell and Lake Mead will be documented in the 2020 AOP, which is currently in development.

The Interim Guidelines are available for download at:
https://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The 2019 AOP is available for download at:
https://www.usbr.gov/lc/region/g4000/aop/AOP19.pdf.
The draft 2020 AOP is available for download at:
https://www.usbr.gov/lc/region/g4000/AOP2020/2020AOP_2019-08-30_Consultation-3.pdf.
The Colorado River DCPs are available for download at:
https://www.usbr.gov/dcp/finaldocs.html.

Fontenelle Reservoir – As of September 4, 2019 Fontenelle Reservoir pool elevation is 6499.23 feet, which amounts to 85 percent of live storage capacity. Inflows for the month of August totaled 56,935 acre-feet (af) or 74 percent of average. Releases were changed from 1200 cfs to 1100 cfs and is planned to remain near this release until late March.

The Colorado Basin River Forecast Center has forecasted inflows that are at or near average. September, October and November forecasted inflow volumes amount to 40,000 af (87 percent of average), 45,000 af (93 percent of average), and 44,000 af (105 percent of average), respectively.

The next Fontenelle Working Group meeting is scheduled for April 22, 2020 from 10:00 a.m. to 12:00 p.m. The meeting is planned to held at the 3 Telephone Canyon Road, Green River, WY 82935. The Fontenelle Working Group is an open public forum for

information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir.

Flaming Gorge Reservoir – The Colorado Pikeminnow base flow study is in progress. Targeted flows at the USGS Jensen gage with the combination of Flaming Gorge releases and Yampa River flows are between 2000 cfs to 2600 cfs. Releases from Flaming Gorge Dam will depend on how much flow is provided by the Yampa River. This will continue through the end of September.

As of September 4, 2019 Flaming Gorge Reservoir pool elevation is 6032.61 feet, which amounts to 92 percent of live storage capacity. Inflows for the month of August totaled 59,473acre-feet (af) or 74 percent of average. Release will be sustained at 1900 cfs until the end of the Colorado Pikeminnow study, pending the Yampa River contributing flows.

The September final forecast for unregulated inflows into Flaming Gorge for the next three months projects near average conditions: September, October, and November forecasted unregulated inflow volumes at 45,000 af (82 percent of average), 57,000 af (97 percent of average), and 56,000 af (110 percent of average), respectively.

Reclamation is planning to hold the Pre-Flaming Gorge Working Group meeting on March 19, 2020 from 10:00 am to 1:00 pm at the Uintah Conference Center in Vernal UT (313 East 200 South). The Flaming Gorge Working Group meeting to review stakeholders comments and input is scheduled for April 16, 2020 from 10:00 a.m. to 1:00 p.m. at Carbon County Event Center, 450 S Fairgrounds Rd, Price, UT 84501, USA.

The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stakeholders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations and plans presented by Reclamation at these meetings. Meeting notes from past Working Group meetings are posted on the Working Group webpage. For more information on this group and these meetings please contact Dale Hamilton at 801-379-1186.

Aspinall Unit Reservoirs – As of September 9, 2019 releases from Crystal Dam are approximately 1,600 cfs. Uncompahgre Valley Water Users Association is diverting approximately 1,030 cfs through the Gunnison Tunnel and flows in the Black Canyon are about 600 cfs. Releases from Crystal are projected to remain at about this level throughout the fall.

Blue Mesa did fill this year and achieved a peak elevation on July 25, 2019 of 7519.15 feet above sea level which corresponded to a storage content of 827,000 af (99 percent of full pool). Since this peak filling, Blue Mesa's elevation has declined to 7513.09 feet above sea level on September 9, 2019.

The unregulated inflow volume in August to Blue Mesa was 91.6 kaf (144 percent of average). Unregulated Inflow volumes forecasted for Blue Mesa for the next three months (September, October and November) are projected to be: 88,000 af (140 percent

of average), 50,000 af (132 percent of average) and 46,000 af (121 percent of average), respectively. The September 24-Month Study is reflective of these new forecasts. The water year unregulated inflow forecast volume for 2019 is 1.362 maf which is 143 percent of average.

The Aspinall Unit Working Group is an open public forum for information exchange between Reclamation and the stakeholders of the Aspinall Unit. The public is encouraged to attend and comments on the operations and plans presented by Reclamation at these meetings. Meeting notes from past working Group meetings are posted on the Working Group webpage. For more information on this group and these meetings please contact Erik Knight in the Grand Junction Area Office at (970) 248-0629.

Meeting notes from past working Group meetings are posted on the Working Group webpage at:

https://www.usbr.gov/uc/wcao/water/rsvrs/mtgs/amcurrnt.html

The next meeting of the Aspinall Unit Working Group will be held on Thursday, January 23, 2020 at 1:00 pm at the Holiday Inn Express located in Montrose, Colorado.

Navajo Reservoir – On September 10th, the daily average release rate from Navajo Dam was approximately 1,220 cfs while reservoir inflow (modified unregulated) was averaging approximately -50 cfs. The water surface elevation was 6065.9 feet above sea level. At this elevation the live storage is 1.42 maf (83 percent of live storage capacity) and the active storage is 0.75 maf (72 percent of active storage capacity). NIIP was diverting 625 cfs from the reservoir. The river flow measured at the Animas River at Farmington USGS gage was at 225 cfs. River flow at the San Juan River at Four Corners USGS gage was 1,270 cfs.

Total April-July modified unregulated inflow totaled 1.16 maf, or 158 percent of average. Releases from Navajo Dam are made for authorized purposes of the Navajo Unit and are pursuant to the Record of Decision for the Navajo Reservoir Operations.

Preliminary modified-unregulated inflow into Navajo (inflow adjusted for upstream change in storage, reservoir evaporation and exportation from the basin) in August was 40 kaf (89 percent of average for the month).

Forecast modified-unregulated inflow to Navajo over the next three months (September, October and November) are projected to be: 26 kaf (60 percent of average), 40 kaf (85 percent of average), and 37 kaf (112 percent of average), respectively.

A maintenance release was conducted from Navajo Dam from June 3rd through June 15th. The release peaked at 5,000 cfs on June 12th. Reservoir elevation peaked on July 16th at 6075.27 ft.

The San Juan River Recovery Implementation Program (SJRIP) has requested Available Water over the End of Water Year Storage Target of 6063 ft be used to augment baseflows in the critical habitat reach (Farmington to Lake Powell), as recommended in the Flow Recommendations decision tree (1999, updated 2016). Available water over this target will be used to increase the downstream target baseflow to 1500 cfs through October, as long as water is available. Starting in November, the target baseflow will be set as low as possible (with a minimum of 500 cfs) for two weeks, by reducing the release as low as possible, as low as 250 cfs (ROD, 2006). By mid-November, the release will resume normal operations, in an attempt to maintain the typical target baseflow range of 500 - 1000 cfs. Releases will likely range from 800 – 1200 cfs throughout the remainder of the summer.

Reclamation conducts Public Operations Meetings three times per year to gather input for determining upcoming operations for Navajo Reservoir. Input from individuals, organizations, and agencies along with other factors such as weather, water rights, endangered species requirements, flood control, hydro power, recreation, fish and wildlife management, and reservoir levels, will be considered in the development of these reservoir operation plans. In addition, the meetings are used to coordinate activities and exchange information among agencies, water users, and other interested parties concerning the San Juan River and Navajo Reservoir. The next Navajo Unit Coordination Meeting will be held Tuesday, January 21, 2020 at 1:00 pm at the Farmington Civic Center (200 West Arrington, Farmington, NM).

Glen Canyon Dam / Lake Powell

Current Status

The unregulated inflow volume to Lake Powell during August 472 thousand acre-feet (kaf) (94 percent of average). The release volume from Glen Canyon Dam in August was 900 kaf. The end of August elevation and storage of Lake Powell were 3,619 ft (81 feet from full pool) and 13.61 maf (56 percent of full capacity), respectively.

Current Operations

The operating tier for water year 2019 was established in August 2018 as the Upper Elevation Balancing Tier. As described in the Interim Guidelines, under balancing, the contents of Lake Powell and Lake Mead are to be balanced by the end of the water year, but not more than 9.0 maf and not less than 8.23 maf is to be released from Lake Powell. Under this Tier the initial annual water year release volume is 8.23 maf, and the April 2019 24-Month Study projects the end of water year elevation at Lake Powell to be above 3,575 feet, and the end of water year elevation at Lake Mead to be below 1,075 feet. Lake Powell operations have shifted to balancing releases for the remainder of water year 2019. Lake Powell is currently projected to release 9.0 maf in water year 2019. Reclamation will schedule operations at Glen Canyon Dam to achieve as practicably as possible the appropriate total annual release volume by September 30, 2019.

In September, the release volume will be approximately 686 kaf, with fluctuations anticipated between about 8,380 cfs in the nighttime to about 14,530 cfs in the daytime,

and consistent with the Glen Canyon Dam, Record of Decision (dated December 2016). The anticipated release volume for October is 625 kaf with daily fluctuations between approximately 6,740 cfs and 12,500 cfs. The expected release for November is 625 kaf.

In addition to daily scheduled fluctuations for power generation, the instantaneous releases from Glen Canyon Dam may also fluctuate to provide 40 megawatts (mw) of system regulation. These instantaneous release adjustments stabilize the electrical generation and transmission system and translate to a range of about 1,200 cfs above or below the hourly scheduled release rate. Under system normal conditions, fluctuations for regulation are typically short lived and generally balance out over the hour with minimal or no noticeable impacts on downstream river flow conditions.

Releases from Glen Canyon Dam can also fluctuate beyond scheduled releases when called upon to respond to unscheduled power outages or power system emergencies. Depending on the severity of the system emergency, the response from Glen Canyon Dam can be significant, within the full range of the operating capacity of the power plant for as long as is necessary to maintain balance in the transmission system. Glen Canyon Dam currently maintains 30 mw (approximately 800 cfs) of generation capacity in reserve in order to respond to a system emergency even when generation rates are already high. System emergencies occur fairly infrequently and typically require small responses from Glen Canyon Dam. However, these responses can have a noticeable impact on the river downstream of Glen Canyon Dam.

Inflow Forecasts and Model Projections

The forecast for water year 2020 unregulated inflow to Lake Powell, issued on September 1, 2019, by the Colorado Basin River Forecast Center, projects that the most probable (median) unregulated inflow volume this year will be 10.5 maf (97 percent of average). There is significant uncertainty regarding this season's snowpack development and resulting runoff into Lake Powell. Reclamation updates the minimum and maximum probable forecasts four times a year: January, April, August and October. The August forecast ranges from a minimum probable of 7.0 maf (65 percent of average) to a maximum probable of 19 maf (175 percent of average). There is a 10 percent chance that inflows could be higher than the current maximum probable forecast and a 10 percent chance that inflows could be lower than the minimum probable forecast.

Based on the current forecast, the September 24-Month Study projects Lake Powell elevation will end water year 2020 near 3,634.62 feet with approximately 15.38 maf in storage (63 percent of capacity). Note that projections of elevation and storage for water year 2020 have significant uncertainty at this point in the season. Projections of end of water year 2020 elevation and storage using the minimum and maximum probable inflow forecast from August 2019 are 3,605.03 feet (12.24 maf, 50 percent of capacity) and 3,657 feet (18.10 maf, 74 percent of capacity), respectively. Under these scenarios, there is a 10 percent chance that inflows will be higher, resulting in higher elevation and storage, and 10 percent chance that inflows will be lower, resulting in lower elevation and storage. The annual release volume from Lake Powell during water year 2020 is projected to be 8.23 maf under the September most probable scenario. The August 24-

Month Study determined a 9.0 maf under the minimum probable and 13.49 maf under the maximum probable inflow scenarios.

Upper Colorado River Basin Hydrology

Upper Colorado River Basin regularly experiences significant year to year hydrologic variability. During the 19-year period 2000 to 2018, however, the unregulated inflow to Lake Powell, which is a good measure of hydrologic conditions in the Colorado River Basin, was above average in only 4 out of the past 19 years. The period 2000-2018 is the lowest 19-year period since the closure of Glen Canyon Dam in 1963, with an average unregulated inflow of 8.54 maf, or 79 percent of the 30-year average (1981-2010). (For comparison, the 1981-2010 total water year average is 10.83 maf.) The unregulated inflow during the 2000-2018 period has ranged from a low of 2.64 maf (24 percent of average) in water year 2002 to a high of 15.97 maf (147 percent of average) in water year 2011. In water year 2018 unregulated inflow volume to Lake Powell was 4.6 maf (43 percent of average), the third driest year on record above 2002 and 1977. Under the current most probable forecast, the total water year 2019 unregulated inflow to Lake Powell is projected to be 13.19 maf (122 percent of average).

At the beginning of water year 2019, total system storage in the Colorado River Basin was 28.01 maf (47 percent of 59.6 maf total system capacity). This is a decrease of 4.91 maf over the total storage at the beginning of water year 2018 when total system storage was 32.92 maf (55 percent of capacity). Since the beginning of water year 2000, total Colorado Basin storage has experienced year to year increases and decreases in response to wet and dry hydrology, ranging from a high of 94 percent of capacity at the beginning of 2000 to the now current level of 47 percent of capacity at the beginning of water year 2019. Based on current inflow forecasts, the current projected end of water year total Colorado Basin reservoir storage for water year 2019 is approximately 31.8 maf (53 percent of total system capacity). The actual end of water year 2019 system storage may vary from this projection, primarily due to uncertainty regarding this season's runoff and reservoir inflow.

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-430
125 SOUTH STATE STREET, ROOM 8100
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-3709

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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:	Obs			aug	Forecast			Observed	
:	may	jun	jul	aug	%Avg	sep	oct	nov	apr-jul	%Avg
GLDA3:Lake Powell	2511	4206	2451	472	94%:	385/	550/	520/	10410/:	145%
GBRW4:Fontenelle	167	337	184	57	74%:	40/	45/	44/	802/:	111%
GRNU1:Flaming Gorge	252	460	227	59	66%:	45/	57/	56/	1179/:	120%
BMDC2:Blue Mesa	214	471	282	92	145%:	50/	46/	38/	1088/:	161%
MPSC2:Morrow Point	240	512	295	93	139%:	53/	49/	41/	1183/:	160%
CLSC2:Crystal	264	558	321	98	131%:	60/	56/	47/	1293/:	155%
TPIC2:Taylor Park	21	68	47	14.8	144%:	9/	8/	7/	146/:	147%
VCRC2:Vallecito	58	160	69	19.5	98%:	14/	13/	9/	319/:	164%
NVRN5:Navajo	270	491	171	40	89%:	26/	40/	37/	1162/:	158%
LEMC2:Lemon	12.1	46	19.8	3.7	75%:	3/	2.6/	1.6/	84/:	153%
MPHC2:McPhee	117	181	53	11.3	72%:	8.5/	8/	6.5/	456/:	155%
RBSC2:Ridgway	15.9	50	46	18.3	124%:	10/	8/	6/	123/:	122%
YDLC2:Deerlodge	482	677	260	34	132%:	14/	28/	33/	1688/:	136%

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2019 24-Month Study

Most Probable Inflow*

Fontenelle Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Sep 2018	30	2	7	58	65	6495.11	262
	WY 2018	**1397**	**15**	**856**	**528**	**1382**		
H	Oct 2018	42	1	45	20	65	6491.62	238
I	Nov 2018	38	1	60	0	60	6488.29	216
S	Dec 2018	30	1	61	1	61	6483.19	184
T	Jan 2019	28	1	61	0	61	6476.81	150
O	Feb 2019	26	0	55	1	56	6470.41	120
R	Mar 2019	37	0	61	0	61	6464.13	95
I	Apr 2019	114	1	71	0	71	6474.10	137
C	May 2019	167	1	98	0	98	6486.46	204
A	Jun 2019	337	2	107	171	278	6494.89	261
L	Jul 2019	184	3	86	39	125	6502.48	317
*	Aug 2019	57	2	74	0	74	6499.98	298
	Sep 2019	40	2	38	28	66	6496.22	271
	WY 2019	**1100**	**15**	**818**	**259**	**1077**		
	Oct 2019	45	1	65	0	65	6493.28	250
	Nov 2019	44	1	62	0	62	6490.48	231
	Dec 2019	37	1	65	0	65	6486.12	203
	Jan 2020	32	1	65	0	65	6480.52	170
	Feb 2020	30	1	60	0	60	6474.42	139
	Mar 2020	46	0	63	0	63	6470.43	121
	Apr 2020	73	1	75	0	75	6469.82	118
	May 2020	145	1	98	7	105	6478.26	158
	Jun 2020	275	2	102	24	126	6500.80	305
	Jul 2020	165	3	100	27	127	6505.31	340
	Aug 2020	65	2	86	0	86	6502.33	317
	Sep 2020	45	2	20	52	72	6498.56	288
	WY 2020	**1002**	**15**	**861**	**109**	**970**		
	Oct 2020	48	1	68	0	68	6495.67	267
	Nov 2020	42	1	65	0	65	6492.20	243
	Dec 2020	32	1	68	0	68	6486.68	207
	Jan 2021	30	1	68	0	68	6480.32	169
	Feb 2021	28	1	61	0	61	6473.52	135
	Mar 2021	53	0	69	0	69	6469.59	117
	Apr 2021	85	1	87	0	87	6468.96	115
	May 2021	164	1	98	6	105	6481.07	173
	Jun 2021	299	2	102	67	170	6500.15	300
	Jul 2021	178	3	101	37	138	6504.91	337
	Aug 2021	77	2	93	0	93	6502.57	319

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3102

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2019 24-Month Study

Most Probable Inflow*

Flaming Gorge Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	Sep 2018	17	52	11	119	0	119	136	6030.75	3378	132
	WY 2018	**1594**	**1580**	**82**	**1608**	**7**	**1616**				**2638**
H	Oct 2018	52	75	7	99	0	99	135	6029.99	3349	131
I	Nov 2018	41	63	4	93	0	93	133	6029.15	3316	121
S	Dec 2018	29	60	2	124	0	124	131	6027.49	3253	153
T	Jan 2019	34	68	2	124	0	124	129	6026.01	3198	154
O	Feb 2019	34	63	2	112	0	112	127	6024.69	3149	143
R	Mar 2019	74	99	3	58	0	58	128	6025.67	3185	128
I	Apr 2019	240	198	5	71	0	71	133	6028.79	3303	341
C	May 2019	252	183	8	99	0	99	136	6030.71	3376	568
A	Jun 2019	460	400	11	215	100	315	139	6032.55	3448	950
L	Jul 2019	227	169	14	100	0	100	141	6033.89	3502	376
*	Aug 2019	59	76	13	109	0	109	139	6032.79	3458	153
	Sep 2019	45	71	12	113	0	113	137	6031.48	3406	127
	WY 2019	**1549**	**1526**	**82**	**1315**	**100**	**1414**				**3346**
	Oct 2019	57	77	7	80	0	80	137	6031.22	3396	108
	Nov 2019	56	74	4	65	0	65	137	6031.36	3402	98
	Dec 2019	40	68	2	114	0	114	135	6030.16	3355	141
	Jan 2020	45	78	2	141	0	141	132	6028.52	3292	165
	Feb 2020	46	76	2	132	0	132	130	6027.04	3236	156
	Mar 2020	95	112	3	157	0	157	128	6025.82	3191	227
	Apr 2020	125	127	5	68	0	68	130	6027.21	3242	278
	May 2020	220	180	8	74	0	74	134	6029.68	3337	604
	Jun 2020	330	181	11	185	0	185	134	6029.31	3322	630
	Jul 2020	195	157	14	98	0	98	135	6030.43	3366	171
	Aug 2020	76	97	13	98	0	98	135	6030.08	3352	119
	Sep 2020	55	82	11	95	0	95	134	6029.47	3328	110
	WY 2020	**1340**	**1308**	**81**	**1309**	**0**	**1309**				**2809**
	Oct 2020	59	79	7	72	0	72	134	6029.45	3328	100
	Nov 2020	51	75	3	65	0	65	134	6029.59	3333	95
	Dec 2020	35	71	2	105	0	105	133	6028.68	3299	130
	Jan 2021	40	78	2	117	0	117	131	6027.65	3259	142
	Feb 2021	45	78	2	106	0	106	130	6026.89	3231	133
	Mar 2021	102	119	3	123	0	123	130	6026.72	3224	200
	Apr 2021	134	136	5	119	0	119	130	6027.02	3235	334
	May 2021	245	186	8	67	0	67	134	6029.82	3342	599
	Jun 2021	390	260	11	189	0	189	137	6031.33	3401	609
	Jul 2021	210	171	14	109	0	109	139	6032.51	3447	209
	Aug 2021	89	105	13	117	0	117	138	6031.89	3423	142

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2019 24-Month Study

Most Probable Inflow*

Taylor Park Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Sep 2018	3	8	9301.71	58
	WY 2018	**88**	**108**		
H	Oct 2018	5	3	9302.60	59
I	Nov 2018	3	3	9302.61	59
S	Dec 2018	4	3	9302.74	59
T	Jan 2019	4	3	9302.92	59
O	Feb 2019	3	3	9303.16	60
R	Mar 2019	5	4	9303.75	60
I	Apr 2019	10	7	9306.14	64
C	May 2019	21	26	9302.64	59
A	Jun 2019	68	38	9320.92	89
L	Jul 2019	47	32	9328.49	103
*	Aug 2019	15	24	9323.77	94
	Sep 2019	9	21	9317.37	82
	WY 2019	**193**	**168**		
	Oct 2019	8	10	9316.47	81
	Nov 2019	7	6	9317.07	82
	Dec 2019	6	6	9316.98	82
	Jan 2020	5	6	9316.32	80
	Feb 2020	5	6	9316.01	80
	Mar 2020	5	6	9315.34	79
	Apr 2020	7	10	9313.57	76
	May 2020	29	18	9319.87	87
	Jun 2020	40	24	9328.26	103
	Jul 2020	16	24	9324.16	95
	Aug 2020	9	19	9318.76	85
	Sep 2020	7	18	9312.66	74
	WY 2020	**144**	**152**		
	Oct 2020	6	9	9311.10	72
	Nov 2020	5	7	9309.62	69
	Dec 2020	5	5	9309.62	69
	Jan 2021	4	5	9309.45	69
	Feb 2021	4	4	9309.13	69
	Mar 2021	4	7	9307.65	66
	Apr 2021	9	10	9307.16	65
	May 2021	28	13	9316.52	81
	Jun 2021	42	19	9328.87	104
	Jul 2021	20	23	9327.39	101
	Aug 2021	10	23	9320.96	89

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2019 24-Month Study

Most Probable Inflow*

Blue Mesa Reservoir

	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Sep 2018	12	17	1	30	39	68	7444.44	282
	WY 2018	**433**	**453**	**7**	**856**	**39**	**895**		
H	Oct 2018	23	22	0	46	11	56	7437.59	248
I	Nov 2018	22	21	0	19	0	19	7438.08	250
S	Dec 2018	20	19	0	21	0	21	7437.82	249
T	Jan 2019	20	20	0	17	0	17	7438.40	252
O	Feb 2019	20	20	0	23	0	23	7437.59	248
R	Mar 2019	28	27	0	25	0	25	7438.01	250
I	Apr 2019	121	118	0	33	0	33	7453.91	335
C	May 2019	214	218	1	86	18	105	7471.68	447
A	Jun 2019	471	444	1	124	70	194	7504.14	696
L	Jul 2019	282	266	2	87	51	138	7518.61	823
*	Aug 2019	92	100	1	76	62	137	7514.39	784
	Sep 2019	50	62	1	85	0	85	7511.68	761
	WY 2019	**1362**	**1337**	**8**	**640**	**212**	**851**		
	Oct 2019	46	48	1	88	0	88	7506.90	719
	Nov 2019	38	37	0	86	0	86	7501.01	670
	Dec 2019	33	33	0	112	0	112	7491.20	591
	Jan 2020	30	31	0	54	0	54	7488.23	568
	Feb 2020	26	27	0	51	0	51	7485.05	543
	Mar 2020	38	39	0	51	0	51	7483.35	531
	Apr 2020	74	77	1	63	0	63	7485.17	544
	May 2020	220	209	1	203	56	258	7478.38	494
	Jun 2020	275	259	1	68	0	68	7502.71	684
	Jul 2020	97	105	1	63	0	63	7507.52	724
	Aug 2020	54	64	1	72	0	72	7506.48	716
	Sep 2020	39	50	1	76	0	76	7503.19	688
	WY 2020	**970**	**978**	**8**	**987**	**56**	**1042**		
	Oct 2020	39	41	1	50	0	50	7502.09	679
	Nov 2020	31	34	0	49	0	49	7500.20	663
	Dec 2020	26	26	0	92	0	92	7491.98	597
	Jan 2021	24	25	0	67	0	67	7486.43	554
	Feb 2021	22	23	0	49	0	49	7482.92	527
	Mar 2021	36	38	0	0	57	57	7480.28	508
	Apr 2021	77	78	1	0	84	84	7479.35	501
	May 2021	221	206	1	6	232	239	7474.62	468
	Jun 2021	261	238	1	59	0	59	7498.00	645
	Jul 2021	117	120	1	75	0	75	7503.26	688
	Aug 2021	63	76	1	78	0	78	7502.86	685

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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Managing Water in the West

September 2019 24-Month Study

Most Probable Inflow*

Morrow Point Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Sep 2018	14	68	2	70	84	0	84	7135.77	98
	WY 2018	**460**	**895**	**27**	**922**	**935**	**0**	**937**		
H	Oct 2018	24	56	1	57	56	0	56	7136.92	99
I	Nov 2018	23	19	1	20	13	0	15	7143.47	104
S	Dec 2018	21	21	1	22	18	0	18	7147.95	107
T	Jan 2019	21	17	1	17	18	0	18	7147.00	107
O	Feb 2019	20	23	0	24	23	0	23	7147.57	107
R	Mar 2019	29	25	1	26	26	0	26	7146.90	107
I	Apr 2019	136	33	15	47	41	0	41	7155.16	113
C	May 2019	240	105	25	130	127	0	131	7154.68	113
A	Jun 2019	512	194	41	235	186	0	234	7155.10	113
L	Jul 2019	295	138	13	150	151	0	151	7154.18	112
*	Aug 2019	93	137	2	139	137	0	139	7153.99	112
	Sep 2019	53	85	3	88	88	0	88	7153.73	112
	WY 2019	**1466**	**851**	**104**	**956**	**886**	**0**	**941**		
	Oct 2019	49	88	3	91	91	0	91	7153.73	112
	Nov 2019	41	86	3	89	89	0	89	7153.73	112
	Dec 2019	36	112	3	115	115	0	115	7153.73	112
	Jan 2020	33	54	3	57	57	0	57	7153.73	112
	Feb 2020	29	51	3	54	54	0	54	7153.73	112
	Mar 2020	42	51	4	55	55	0	55	7153.73	112
	Apr 2020	87	63	13	76	76	0	76	7153.73	112
	May 2020	245	258	25	283	283	0	283	7153.73	112
	Jun 2020	295	68	20	88	88	0	88	7153.73	112
	Jul 2020	104	63	7	70	70	0	70	7153.73	112
	Aug 2020	57	72	3	75	75	0	75	7153.73	112
	Sep 2020	42	76	3	79	79	0	79	7153.73	112
	WY 2020	**1060**	**1042**	**90**	**1132**	**1132**	**0**	**1132**		
	Oct 2020	42	50	3	53	53	0	53	7153.73	112
	Nov 2020	34	49	2	51	51	0	51	7153.73	112
	Dec 2020	28	92	2	94	94	0	94	7153.73	112
	Jan 2021	27	67	2	70	70	0	70	7153.73	112
	Feb 2021	25	49	3	52	52	0	52	7153.73	112
	Mar 2021	40	57	4	61	61	0	61	7153.73	112
	Apr 2021	88	84	11	95	95	0	95	7153.73	112
	May 2021	247	239	26	265	265	0	265	7153.73	112
	Jun 2021	281	59	20	79	79	0	79	7153.73	112
	Jul 2021	123	75	6	81	81	0	81	7153.73	112
	Aug 2021	67	78	3	81	81	0	81	7153.73	112

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2019 24-Month Study

Most Probable Inflow*

Crystal Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
*	Sep 2018	15	84	1	85	87	0	87	6737.22	13	59	33
	WY 2018	**505**	**937**	**45**	**982**	**959**	**26**	**985**			**438**	**553**
H	Oct 2018	27	56	3	59	55	0	55	6751.87	17	33	24
I	Nov 2018	26	15	4	19	21	0	21	6743.11	14	1	19
S	Dec 2018	25	18	4	22	21	0	22	6745.32	15	0	20
T	Jan 2019	25	18	4	22	19	3	22	6746.57	15	1	20
O	Feb 2019	24	23	3	27	9	17	26	6748.26	16	1	25
R	Mar 2019	34	26	5	32	30	0	30	6752.77	17	0	29
I	Apr 2019	150	41	15	55	55	0	55	6753.29	17	26	29
C	May 2019	264	131	24	155	108	31	153	6759.30	19	47	105
A	Jun 2019	558	234	46	280	115	73	282	6753.12	17	51	231
L	Jul 2019	321	151	26	177	121	57	178	6746.79	15	59	124
*	Aug 2019	98	139	5	144	119	28	147	6733.25	12	64	88
	Sep 2019	60	88	7	95	89	0	89	6753.04	17	55	34
	WY 2019	**1611**	**941**	**145**	**1086**	**763**	**210**	**1082**			**338**	**749**
	Oct 2019	56	91	7	98	98	0	98	6753.04	17	30	68
	Nov 2019	47	89	6	95	95	0	95	6753.04	17	0	95
	Dec 2019	41	115	5	120	120	0	120	6753.04	17	0	120
	Jan 2020	39	57	6	63	63	0	63	6753.04	17	0	63
	Feb 2020	33	54	4	58	0	58	58	6753.04	17	0	58
	Mar 2020	48	55	6	61	47	15	61	6753.04	17	5	56
	Apr 2020	100	76	13	89	89	0	89	6753.04	17	42	47
	May 2020	280	283	35	318	134	184	318	6753.04	17	62	256
	Jun 2020	330	88	35	123	123	0	123	6753.04	17	61	62
	Jul 2020	116	70	12	82	82	0	82	6753.04	17	65	17
	Aug 2020	64	75	7	82	82	0	82	6753.04	17	65	17
	Sep 2020	46	79	4	83	83	0	83	6753.04	17	55	28
	WY 2020	**1200**	**1132**	**140**	**1272**	**1016**	**256**	**1272**			**385**	**887**
	Oct 2020	46	53	5	58	58	0	58	6753.04	17	30	28
	Nov 2020	38	51	4	56	56	0	56	6753.04	17	0	56
	Dec 2020	32	94	5	98	98	0	98	6753.04	17	0	98
	Jan 2021	31	70	5	74	74	0	74	6753.04	17	0	74
	Feb 2021	29	52	4	56	56	0	56	6753.04	17	0	56
	Mar 2021	46	61	6	68	68	0	68	6753.04	17	5	63
	Apr 2021	101	95	12	107	107	0	107	6753.04	17	42	65
	May 2021	281	265	34	299	134	165	299	6753.04	17	62	237
	Jun 2021	315	79	34	113	113	0	113	6753.04	17	61	52
	Jul 2021	138	81	14	96	96	0	96	6753.04	17	65	31
	Aug 2021	75	81	8	89	89	0	89	6753.04	17	65	24

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2019 24-Month Study

Most Probable Inflow*

Vallecito Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Sep 2018	3	4	7613.06	21
	WY 2018	**102**	**153**		
H	Oct 2018	9	3	7617.56	26
I	Nov 2018	5	0	7621.25	31
S	Dec 2018	3	0	7623.31	34
T	Jan 2019	4	0	7625.50	37
O	Feb 2019	4	0	7627.67	41
R	Mar 2019	6	6	7627.39	40
I	Apr 2019	32	25	7631.32	47
C	May 2019	58	41	7640.08	64
A	Jun 2019	160	101	7664.36	124
L	Jul 2019	69	68	7664.45	124
*	Aug 2019	20	38	7657.21	105
	Sep 2019	14	30	7650.80	89
	WY 2019	**384**	**312**		
	Oct 2019	13	17	7648.96	84
	Nov 2019	9	6	7650.05	87
	Dec 2019	7	6	7650.25	88
	Jan 2020	6	6	7650.04	87
	Feb 2020	6	6	7650.07	87
	Mar 2020	8	2	7652.53	93
	Apr 2020	20	2	7659.58	111
	May 2020	60	63	7658.18	107
	Jun 2020	68	68	7658.10	107
	Jul 2020	27	41	7652.13	92
	Aug 2020	17	38	7643.10	71
	Sep 2020	14	29	7635.70	55
	WY 2020	**255**	**285**		
	Oct 2020	14	16	7634.14	52
	Nov 2020	8	2	7636.99	58
	Dec 2020	6	2	7639.14	62
	Jan 2021	5	2	7640.77	66
	Feb 2021	5	2	7642.15	69
	Mar 2021	9	2	7645.09	75
	Apr 2021	23	2	7653.98	97
	May 2021	71	62	7657.37	105
	Jun 2021	70	70	7657.19	105
	Jul 2021	29	42	7651.96	92
	Aug 2021	20	38	7644.11	73

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Managing Water in the West

September 2019 24-Month Study

Most Probable Inflow*

Navajo Reservoir

	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azetea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Farmington Flow (1000 Ac-Ft)
*	Sep 2018	2	0	3	2	27	46	6020.80	919	41
	WY 2018	**268**	**36**	**283**	**24**	**224**	**405**			**531**
H	Oct 2018	23	1	17	1	7	31	6018.35	897	40
I	Nov 2018	15	0	10	1	0	18	6017.43	888	34
S	Dec 2018	12	0	9	0	0	18	6016.39	879	30
T	Jan 2019	13	0	10	0	0	19	6015.33	869	31
O	Feb 2019	17	0	14	1	1	16	6014.90	865	37
R	Mar 2019	114	1	113	1	4	18	6024.61	955	62
I	Apr 2019	230	24	203	2	20	20	6040.36	1117	102
C	May 2019	270	34	216	3	25	25	6054.45	1279	143
A	Jun 2019	491	57	376	4	36	114	6071.44	1501	385
L	Jul 2019	171	26	141	5	47	59	6073.56	1531	224
*	Aug 2019	40	6	52	4	42	78	6068.40	1459	96
	Sep 2019	26	2	40	3	26	61	6064.68	1408	90
	WY 2019	**1423**	**151**	**1200**	**26**	**208**	**477**			**1274**
	Oct 2019	40	2	42	2	10	31	6064.71	1409	59
	Nov 2019	37	1	33	1	0	22	6065.50	1419	43
	Dec 2019	28	0	27	1	0	31	6065.20	1415	48
	Jan 2020	24	0	24	1	0	31	6064.66	1408	46
	Feb 2020	31	0	31	1	0	29	6064.72	1409	43
	Mar 2020	70	7	57	2	6	31	6066.15	1428	52
	Apr 2020	130	17	95	3	21	30	6069.18	1469	75
	May 2020	260	36	227	4	36	204	6067.89	1452	349
	Jun 2020	185	24	160	4	53	276	6054.40	1278	411
	Jul 2020	45	2	58	4	57	47	6050.24	1228	102
	Aug 2020	36	1	56	3	48	31	6048.02	1202	64
	Sep 2020	34	1	48	3	26	30	6047.14	1192	56
	WY 2020	**920**	**92**	**858**	**27**	**256**	**791**			**1346**
	Oct 2020	40	2	41	2	9	31	6047.12	1192	55
	Nov 2020	31	0	25	1	0	30	6046.64	1187	47
	Dec 2020	25	0	21	1	0	31	6045.70	1176	46
	Jan 2021	22	0	18	1	0	31	6044.56	1163	44
	Feb 2021	30	0	27	1	0	28	6044.41	1161	40
	Mar 2021	92	9	77	1	6	31	6047.85	1200	53
	Apr 2021	170	21	128	2	22	30	6054.14	1275	82
	May 2021	277	37	231	3	37	133	6058.86	1333	279
	Jun 2021	224	29	195	4	53	238	6050.62	1233	389
	Jul 2021	66	5	74	4	57	32	6048.98	1214	99
	Aug 2021	45	2	61	3	48	31	6047.17	1193	69

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2019 24-Month Study

Most Probable Inflow*

Lake Powell

	Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry Gage (1000 Ac-Ft)
*	Sep 2018	1	230	45	670	0	670	3592.28	4936	11028	690
	WY 2018	**4612**	**5459**	**386**	**9000**	**0**	**9000**				**9158**
H	Oct 2018	351	477	30	625	0	625	3590.46	4923	10862	650
I	Nov 2018	254	307	29	585	77	662	3586.50	4894	10507	669
S	Dec 2018	228	322	22	740	0	740	3581.85	4862	10099	744
T	Jan 2019	212	303	7	804	0	804	3576.34	4824	9629	815
O	Feb 2019	255	339	7	730	0	730	3571.89	4795	9261	741
R	Mar 2019	625	574	11	791	0	791	3569.28	4778	9049	798
I	Apr 2019	1242	899	18	720	0	720	3571.12	4790	9198	734
C	May 2019	2511	1980	23	720	0	720	3584.65	4881	10343	752
A	Jun 2019	4206	3583	41	765	0	765	3611.82	5087	12914	808
L	Jul 2019	2451	2015	57	857	0	857	3621.60	5168	13933	905
*	Aug 2019	472	608	58	900	0	900	3618.55	5143	13610	943
	Sep 2019	385	545	52	686	0	686	3616.84	5128	13431	700
	WY 2019	**13193**	**11953**	**356**	**8924**	**77**	**9001**				**9259**
	Oct 2019	550	617	36	625	0	625	3616.45	5125	13390	635
	Nov 2019	520	563	35	625	0	625	3615.59	5118	13301	626
	Dec 2019	435	591	28	750	0	750	3613.91	5104	13128	756
	Jan 2020	420	547	9	760	0	760	3611.91	5088	12924	771
	Feb 2020	450	559	9	675	0	675	3610.77	5078	12808	684
	Mar 2020	620	668	16	700	0	700	3610.33	5075	12764	714
	Apr 2020	950	820	25	630	0	630	3611.85	5087	12917	645
	May 2020	2150	2059	31	630	0	630	3624.18	5191	14212	641
	Jun 2020	2730	2547	52	650	0	650	3639.29	5327	15920	661
	Jul 2020	870	799	66	750	0	750	3639.16	5326	15905	769
	Aug 2020	425	508	65	835	0	835	3636.06	5297	15542	852
	Sep 2020	380	480	59	600	0	600	3634.62	5284	15377	614
	WY 2020	**10500**	**10760**	**429**	**8230**	**0**	**8230**				**8368**
	Oct 2020	489	515	41	640	0	640	3633.28	5272	15223	650
	Nov 2020	462	493	39	640	0	640	3631.76	5258	15051	641
	Dec 2020	363	504	31	720	0	720	3629.73	5240	14823	726
	Jan 2021	361	489	10	860	0	860	3626.56	5211	14471	871
	Feb 2021	393	479	10	750	0	750	3624.17	5191	14210	759
	Mar 2021	665	660	17	800	0	800	3622.82	5179	14065	814
	Apr 2021	1056	949	27	710	0	710	3624.64	5195	14262	725
	May 2021	2343	2112	34	710	0	710	3635.94	5296	15529	721
	Jun 2021	2666	2359	56	750	0	750	3647.99	5411	16967	761
	Jul 2021	1091	975	70	850	0	850	3648.41	5415	17018	869
	Aug 2021	500	578	69	900	0	900	3645.46	5386	16657	917

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2019 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Glen Release (1000 Ac-Ft)	Side Inflow Glen to Hoover (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Sep 2018	670	84	58	725	12.2	24	723	642	1078.29	9870
	WY 2018	**9000**	**690**	**541**	**9240**		**241**	**9237**			
H	Oct 2018	625	100	42	641	10.4	23	634	643	1078.52	9889
I	Nov 2018	662	67	42	690	11.6	16	689	642	1078.32	9872
S	Dec 2018	740	52	36	468	7.6	11	467	659	1081.46	10132
T	Jan 2019	804	106	30	487	7.9	8	486	682	1085.75	10493
O	Feb 2019	730	126	28	621	11.2	6	620	694	1087.97	10682
R	Mar 2019	791	200	32	738	12.0	13	737	707	1090.24	10878
I	Apr 2019	720	118	39	902	15.2	15	900	700	1088.95	10767
C	May 2019	720	108	45	989	16.1	18	988	686	1086.48	10555
A	Jun 2019	765	69	54	912	15.3	27	911	676	1084.71	10405
L	Jul 2019	857	19	67	946	15.4	32	946	666	1082.82	10246
*	Aug 2019	900	65	71	802	13.0	36	801	669	1083.45	10299
	Sep 2019	686	91	59	700	11.8	19	700	669	1083.44	10298
	WY 2019	**9001**	**1121**	**547**	**8895**		**224**	**8878**			
	Oct 2019	625	82	43	692	11.3	21	692	666	1082.89	10252
	Nov 2019	625	54	43	523	8.8	13	523	672	1084.01	10346
	Dec 2019	750	51	37	297	4.8	9	297	700	1089.06	10776
	Jan 2020	760	83	31	552	9.0	9	552	716	1091.78	11011
	Feb 2020	675	91	29	636	11.1	8	636	721	1092.79	11099
	Mar 2020	700	57	32	955	15.5	18	955	706	1090.11	10866
	Apr 2020	630	49	39	1029	17.3	22	1029	681	1085.59	10480
	May 2020	630	30	44	972	15.8	31	972	658	1081.26	10116
	Jun 2020	650	17	53	910	15.3	31	910	638	1077.55	9809
	Jul 2020	750	80	65	819	13.3	34	819	632	1076.53	9726
	Aug 2020	835	100	70	724	11.8	31	724	639	1077.80	9830
	Sep 2020	600	91	57	691	11.6	24	691	634	1076.86	9753
	WY 2020	**8230**	**784**	**544**	**8799**		**253**	**8799**			
	Oct 2020	640	82	42	458	7.5	26	458	646	1079.10	9936
	Nov 2020	640	54	42	580	9.8	18	580	649	1079.71	9987
	Dec 2020	720	51	37	542	8.8	14	542	660	1081.74	10156
	Jan 2021	860	83	30	569	9.3	9	569	681	1085.47	10469
	Feb 2021	750	91	28	651	11.7	9	651	690	1087.16	10613
	Mar 2021	800	57	31	972	15.8	18	972	680	1085.34	10458
	Apr 2021	710	49	39	1046	17.6	23	1046	659	1081.44	10131
	May 2021	710	30	44	989	16.1	32	989	639	1077.76	9826
	Jun 2021	750	17	52	926	15.6	32	926	624	1074.97	9598
	Jul 2021	850	80	65	835	13.6	34	835	624	1074.91	9594
	Aug 2021	900	100	69	740	12.0	32	740	633	1076.75	9744

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2019 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Sep 2018	725	-11	18	814	0	814	13.7	637.87	1561
	WY 2018	**9240**	**-103**	**198**	**8981**	**0**	**8981**			
H	Oct 2018	641	-11	15	635	0	635	10.3	637.08	1540
I	Nov 2018	690	-28	11	610	0	610	10.3	638.62	1581
S	Dec 2018	468	-14	9	386	0	386	6.3	640.79	1639
T	Jan 2019	487	-29	10	418	0	418	6.8	641.89	1668
O	Feb 2019	621	-6	10	569	0	569	10.2	643.20	1704
R	Mar 2019	738	7	13	749	0	749	12.2	642.57	1687
I	Apr 2019	902	0	17	886	0	886	14.9	642.52	1686
C	May 2019	989	-9	22	937	0	937	15.2	643.32	1707
A	Jun 2019	912	-12	25	886	0	886	14.9	642.89	1696
L	Jul 2019	946	-11	25	895	0	894	14.5	643.48	1712
*	Aug 2019	802	-11	23	800	0	800	13.0	642.31	1680
	Sep 2019	700	-12	18	811	0	811	13.6	637.00	1538
	WY 2019	**8895**	**-137**	**198**	**8582**	**0**	**8582**			
	Oct 2019	692	-4	15	647	0	647	10.5	638.00	1564
	Nov 2019	523	-19	11	467	0	467	7.8	639.01	1591
	Dec 2019	297	-12	9	283	0	283	4.6	638.70	1583
	Jan 2020	552	-16	10	443	0	443	7.2	641.80	1666
	Feb 2020	636	-13	10	613	0	613	10.6	641.80	1666
	Mar 2020	955	-15	13	892	0	892	14.5	643.05	1700
	Apr 2020	1029	-17	17	997	0	997	16.8	643.00	1699
	May 2020	972	-11	22	938	0	938	15.3	643.00	1699
	Jun 2020	910	-16	25	868	0	868	14.6	643.00	1699
	Jul 2020	819	-12	25	809	0	809	13.2	642.00	1671
	Aug 2020	724	-11	23	690	0	690	11.2	642.00	1671
	Sep 2020	691	-12	18	714	0	714	12.0	640.01	1618
	WY 2020	**8799**	**-159**	**198**	**8361**	**0**	**8361**			
	Oct 2020	458	-4	15	623	0	623	10.1	633.00	1434
	Nov 2020	580	-19	10	500	0	500	8.4	635.00	1486
	Dec 2020	542	-12	9	423	0	423	6.9	638.71	1583
	Jan 2021	569	-16	10	460	0	460	7.5	641.80	1666
	Feb 2021	651	-13	10	628	0	628	11.3	641.80	1666
	Mar 2021	972	-15	13	909	0	909	14.8	643.05	1700
	Apr 2021	1046	-17	17	1015	0	1015	17.0	643.00	1699
	May 2021	989	-11	22	955	0	955	15.5	643.00	1699
	Jun 2021	926	-16	25	884	0	884	14.9	643.00	1699
	Jul 2021	835	-12	25	826	0	826	13.4	642.00	1671
	Aug 2021	740	-11	23	706	0	706	11.5	642.00	1671

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2019 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	Sep 2018	814	9	15	512	8.6	95	164	448.95	598	94	1.6
	WY 2018	**8981**	**100**	**139**	**6479**		**910**	**1431**			**1500**	
H	Oct 2018	635	23	12	394	6.4	86	176	448.12	582	68	1.1
I	Nov 2018	610	16	9	357	6.0	85	173	447.99	580	97	1.6
S	Dec 2018	386	26	7	218	3.5	70	143	446.53	552	105	1.7
T	Jan 2019	418	19	6	250	4.1	87	91	446.58	553	122	2.0
O	Feb 2019	569	13	8	372	6.7	31	151	447.53	571	143	2.6
R	Mar 2019	749	-5	9	630	10.2	11	83	447.86	577	185	3.0
I	Apr 2019	886	6	11	712	12.0	28	144	447.29	567	170	2.9
C	May 2019	937	8	13	693	11.3	51	154	448.62	592	128	2.1
A	Jun 2019	886	11	15	717	12.0	53	104	448.47	589	138	2.3
L	Jul 2019	894	15	17	739	12.0	59	92	448.12	582	146	2.4
*	Aug 2019	800	16	17	636	10.3	67	102	447.22	565	111	1.8
	Sep 2019	811	14	15	558	9.4	62	175	447.50	570	97	1.6
	WY 2019	**8582**	**162**	**140**	**6274**		**691**	**1586**			**1510**	
	Oct 2019	647	24	12	467	7.6	42	143	447.50	570	63	1.0
	Nov 2019	467	14	9	343	5.8	17	106	447.50	571	88	1.5
	Dec 2019	283	22	7	260	4.2	19	34	446.50	552	83	1.4
	Jan 2020	443	18	6	262	4.3	95	94	446.50	552	122	2.0
	Feb 2020	613	11	8	431	7.5	85	93	446.50	552	148	2.6
	Mar 2020	892	5	9	705	11.5	18	153	446.70	555	186	3.0
	Apr 2020	997	12	11	728	12.2	74	148	448.70	593	172	2.9
	May 2020	938	13	13	695	11.3	77	153	448.70	593	116	1.9
	Jun 2020	868	11	16	718	12.1	74	57	448.70	593	124	2.1
	Jul 2020	809	19	17	677	11.0	77	58	448.00	580	131	2.1
	Aug 2020	690	20	17	599	9.7	77	15	447.50	571	102	1.7
	Sep 2020	714	14	15	508	8.5	74	121	447.50	570	93	1.6
	WY 2020	**8361**	**182**	**139**	**6393**		**729**	**1175**			**1428**	
	Oct 2020	623	24	12	486	7.9	30	111	447.50	571	63	1.0
	Nov 2020	500	14	9	359	6.0	29	111	447.50	571	96	1.6
	Dec 2020	423	22	7	310	5.0	30	111	446.50	552	106	1.7
	Jan 2021	460	18	6	262	4.3	100	106	446.50	552	122	2.0
	Feb 2021	628	11	8	430	7.7	90	104	446.50	552	148	2.7
	Mar 2021	909	5	9	704	11.4	23	166	446.70	555	186	3.0
	Apr 2021	1015	12	11	726	12.2	80	161	448.70	593	172	2.9
	May 2021	955	13	13	694	11.3	83	166	448.70	593	116	1.9
	Jun 2021	884	11	16	717	12.0	80	69	448.70	593	124	2.1
	Jul 2021	826	19	17	676	11.0	83	69	448.00	580	131	2.1
	Aug 2021	706	20	17	598	9.7	83	26	447.50	571	102	1.7

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2019 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Sep 2018	725	12.2	1078.29	9870	-49	434.15	1562.0	278.7	100	384.7
	WY 2018	**9240**							**3614.3**		
H	Oct 2018	641	10.4	1078.52	9889	19	435.29	1406.1	247.8	87	386.7
I	Nov 2018	690	11.6	1078.32	9872	-16	434.47	755.0	266.1	49	385.8
S	Dec 2018	453	7.6	1081.46	10132	260	438.59	959.9	179.6	61	396.6
T	Jan 2019	487	7.9	1085.75	10493	361	442.10	1006.1	183.4	63	376.8
O	Feb 2019	621	11.2	1087.97	10682	189	443.82	1119.0	246.4	70	396.7
R	Mar 2019	738	12.0	1090.24	10878	195	444.26	1112.0	295.7	70	400.6
I	Apr 2019	902	15.2	1088.95	10767	-111	439.99	810.1	365.4	51	405.2
C	May 2019	989	16.1	1086.48	10555	-211	440.79	803.9	398.2	51	402.5
A	Jun 2019	912	15.3	1084.71	10405	-150	439.38	1591.0	359.0	100	393.7
L	Jul 2019	946	15.4	1082.82	10246	-159	435.56	1486.0	371.7	93	392.7
*	Aug 2019	802	13.0	1083.45	10299	53	439.02	1297.0	313.5	81	391.0
	Sep 2019	700	11.8	1083.44	10298	-1	432.82	1494.1	272.1	93	388.9
	WY 2019	**8880**							**3498.8**		
	Oct 2019	692	11.3	1082.89	10252	-47	434.56	1403.0	269.3	88	389.1
	Nov 2019	523	8.8	1084.01	10346	94	434.94	1291.0	201.2	81	384.6
	Dec 2019	297	4.8	1089.06	10776	431	438.47	1213.0	111.8	74	377.1
	Jan 2020	552	9.0	1091.78	11011	235	441.91	1152.1	217.0	70	392.8
	Feb 2020	636	11.1	1092.79	11099	88	444.09	948.0	256.3	57	403.1
	Mar 2020	955	15.5	1090.11	10866	-233	441.68	1117.0	389.1	68	407.4
	Apr 2020	1029	17.3	1085.59	10480	-386	435.91	1365.9	408.1	85	396.7
	May 2020	972	15.8	1081.26	10116	-364	430.57	1480.0	380.5	94	391.7
	Jun 2020	910	15.3	1077.55	9809	-307	425.94	1562.0	350.2	100	385.0
	Jul 2020	819	13.3	1076.53	9726	-83	423.92	1552.0	315.9	100	385.7
	Aug 2020	724	11.8	1077.80	9830	104	424.37	1562.0	275.8	100	381.0
	Sep 2020	691	11.6	1076.86	9753	-77	425.18	1552.0	263.4	100	381.2
	WY 2020	**8799**							**3438.5**		
	Oct 2020	458	7.5	1079.10	9936	184	431.58	1054.0	178.1	67	388.7
	Nov 2020	580	9.8	1079.71	9987	51	435.27	1066.0	227.6	68	392.2
	Dec 2020	542	8.8	1081.74	10156	169	434.73	1087.1	209.4	68	386.6
	Jan 2021	569	9.3	1085.47	10469	314	435.37	1081.0	221.7	68	389.7
	Feb 2021	651	11.7	1087.16	10613	144	438.15	922.7	261.4	57	401.3
	Mar 2021	972	15.8	1085.34	10458	-155	436.51	1088.1	392.4	68	403.7
	Apr 2021	1046	17.6	1081.44	10131	-327	431.49	1336.0	411.9	85	393.6
	May 2021	989	16.1	1077.76	9826	-305	426.77	1459.3	378.0	94	382.2
	Jun 2021	926	15.6	1074.97	9598	-228	422.92	1538.1	354.5	100	383.0
	Jul 2021	835	13.6	1074.91	9594	-5	421.83	1537.8	321.2	100	384.5
	Aug 2021	740	12.0	1076.75	9744	150	423.04	1548.2	281.6	100	380.8

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2019 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Sep 2018	814	13.7	637.87	1561	-119	136.59	255.0	101.2	100	124.3
	WY 2018	**8981**							**1126.3**		
H	Oct 2018	635	10.3	637.08	1540	-21	135.95	184.3	77.8	72	122.4
I	Nov 2018	610	10.3	638.62	1581	40	137.20	158.1	78.4	62	128.4
S	Dec 2018	386	6.3	640.79	1639	58	140.00	153.0	47.3	60	122.5
T	Jan 2019	418	6.8	641.89	1668	30	143.26	159.6	56.8	63	135.8
O	Feb 2019	569	10.2	643.20	1704	36	144.69	209.5	68.8	82	120.9
R	Mar 2019	749	12.2	642.57	1687	-17	140.17	218.8	94.8	86	126.6
I	Apr 2019	886	14.9	642.52	1686	-1	142.03	210.8	111.9	83	126.3
C	May 2019	937	15.2	643.32	1707	22	139.79	238.6	119.5	94	127.6
A	Jun 2019	886	14.9	642.89	1696	-12	140.50	255.0	113.6	100	128.3
L	Jul 2019	895	14.5	643.48	1712	16	142.50	255.0	113.2	100	126.5
*	Aug 2019	800	13.0	642.31	1680	-32	139.60	255.0	99.9	100	124.9
	Sep 2019	811	13.6	637.00	1538	-142	136.39	255.0	99.7	100	122.9
	WY 2019	**8582**							**1081.6**		
	Oct 2019	647	10.5	638.00	1564	26	135.43	227.0	79.0	89	122.0
	Nov 2019	467	7.8	639.01	1591	27	137.57	159.8	57.9	63	123.9
	Dec 2019	283	4.6	638.70	1583	-8	139.46	154.7	35.5	61	125.6
	Jan 2020	443	7.2	641.80	1666	83	139.61	156.3	55.7	61	125.8
	Feb 2020	613	10.6	641.80	1666	0	139.68	156.5	77.1	61	125.8
	Mar 2020	892	14.5	643.05	1700	34	138.85	194.1	111.6	76	125.1
	Apr 2020	997	16.8	643.00	1699	-1	138.68	249.9	124.6	98	124.9
	May 2020	938	15.3	643.00	1699	0	139.16	255.0	117.6	100	125.4
	Jun 2020	868	14.6	643.00	1699	0	139.39	255.0	109.0	100	125.6
	Jul 2020	809	13.2	642.00	1671	-27	139.41	255.0	101.6	100	125.6
	Aug 2020	690	11.2	642.00	1671	0	139.65	255.0	86.8	100	125.8
	Sep 2020	714	12.0	640.01	1618	-54	138.35	255.0	89.0	100	124.6
	WY 2020	**8361**							**1045.5**		
	Oct 2020	623	10.1	633.00	1434	-183	134.60	227.0	75.5	89	121.3
	Nov 2020	500	8.4	635.00	1486	51	132.83	159.8	59.8	63	119.7
	Dec 2020	423	6.9	638.71	1583	97	136.36	154.7	51.9	61	122.9
	Jan 2021	460	7.5	641.80	1666	83	139.49	156.3	57.8	61	125.7
	Feb 2021	628	11.3	641.80	1666	0	139.41	156.6	78.9	61	125.6
	Mar 2021	909	14.8	643.05	1700	34	138.75	194.1	113.7	76	125.0
	Apr 2021	1015	17.0	643.00	1699	-1	138.59	249.9	126.7	98	124.9
	May 2021	955	15.5	643.00	1699	0	139.06	255.0	119.7	100	125.3
	Jun 2021	884	14.9	643.00	1699	0	139.30	255.0	110.9	100	125.5
	Jul 2021	826	13.4	642.00	1671	-27	139.31	255.0	103.6	100	125.5
	Aug 2021	706	11.5	642.00	1671	0	139.55	255.0	88.7	100	125.7

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2019 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Sep 2018	512	8.6	448.95	598	27	83.02	120.0	35.9	100	70.1
	WY 2018	**6479**							**451.7**		
H	Oct 2018	394	6.4	448.12	582	-16	82.83	90.0	27.9	75	70.9
I	Nov 2018	357	6.0	447.99	580	-3	82.25	93.0	26.1	78	73.0
S	Dec 2018	218	3.5	446.53	552	-27	81.03	116.1	12.9	97	59.1
T	Jan 2019	250	4.1	446.58	553	1	82.75	117.1	17.0	98	68.2
O	Feb 2019	372	6.7	447.53	571	18	81.87	95.4	25.5	79	68.6
R	Mar 2019	630	10.2	447.86	577	6	82.11	111.3	44.3	93	70.4
I	Apr 2019	712	12.0	447.29	567	-11	79.40	115.0	49.5	96	69.5
C	May 2019	673	11.3	448.62	592	25	80.51	119.0	48.6	99	72.2
A	Jun 2019	717	12.0	448.47	589	-3	80.43	120.0	50.3	100	70.2
L	Jul 2019	739	12.0	448.12	582	-7	80.11	120.0	51.4	100	69.5
*	Aug 2019	636	10.3	447.22	565	-17	77.13	120.0	44.2	100	69.4
	Sep 2019	558	9.4	447.50	570	5	74.75	120.0	36.3	100	65.1
	WY 2019	**6255**							**434.0**		
	Oct 2019	467	7.6	447.50	570	0	76.29	90.0	30.8	75	65.9
	Nov 2019	343	5.8	447.50	571	0	76.68	83.0	22.4	69	65.3
	Dec 2019	260	4.2	446.50	552	-19	74.65	114.2	16.2	95	62.3
	Jan 2020	262	4.3	446.50	552	0	75.07	94.8	16.4	79	62.7
	Feb 2020	431	7.5	446.50	552	0	75.16	93.1	28.0	78	65.1
	Mar 2020	705	11.5	446.70	555	4	74.01	120.0	45.8	100	64.9
	Apr 2020	728	12.2	448.70	593	38	75.08	120.0	47.9	100	65.9
	May 2020	695	11.3	448.70	593	0	76.05	120.0	46.2	100	66.5
	Jun 2020	718	12.1	448.70	593	0	76.05	120.0	47.8	100	66.6
	Jul 2020	677	11.0	448.00	580	-13	75.71	120.0	44.8	100	66.1
	Aug 2020	599	9.7	447.50	571	-9	75.13	120.0	39.2	100	65.5
	Sep 2020	508	8.5	447.50	570	0	74.89	120.0	33.0	100	65.0
	WY 2020	**6393**							**418.6**		
	Oct 2020	486	7.9	447.50	571	0	76.29	90.0	32.1	75	66.1
	Nov 2020	359	6.0	447.50	571	0	76.19	92.0	23.3	77	65.0
	Dec 2020	310	5.0	446.50	552	-19	74.86	109.4	19.7	91	63.3
	Jan 2021	262	4.3	446.50	552	0	75.07	94.8	16.4	79	62.7
	Feb 2021	430	7.7	446.50	552	0	75.21	92.1	28.1	77	65.2
	Mar 2021	704	11.4	446.70	555	4	74.01	120.0	45.7	100	64.9
	Apr 2021	726	12.2	448.70	593	38	75.08	120.0	47.8	100	65.9
	May 2021	694	11.3	448.70	593	0	76.05	120.0	46.1	100	66.5
	Jun 2021	717	12.0	448.70	593	0	76.05	120.0	47.7	100	66.6
	Jul 2021	676	11.0	448.00	580	-13	75.71	120.0	44.7	100	66.1
	Aug 2021	598	9.7	447.50	571	-9	75.13	120.0	39.1	100	65.4

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2019 24-Month Study

Most Probable Inflow*

Upper Basin Power

	Date	Glen Canyon 1000 MWHR	Flaming Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Reservoir 1000 MWHR	Fontenelle Reservoir 1000 MWHR
*	Sep 2018	288	47	8	29	16	1
	Summer 2018	**2045**	**297**	**133**	**193**	**111**	**36**
H	Oct 2018	268	39	11	19	9	4
I	Nov 2018	248	36	5	4	2	5
S	Dec 2018	313	47	5	6	2	5
T	Jan 2019	335	47	4	6	1	4
O	Feb 2019	302	42	6	8	1	3
R	Mar 2019	325	22	6	9	4	3
	Winter 2019	**1790**	**233**	**36**	**51**	**19**	**24**
I	Apr 2019	294	27	9	14	10	4
C	May 2019	299	38	23	45	21	6
A	Jun 2019	332	82	33	64	22	8
L	Jul 2019	391	39	28	54	23	7
*	Aug 2019	412	42	24	49	22	7
	Sep 2019	282	42	27	32	15	3
	Summer 2019	**2011**	**271**	**143**	**259**	**112**	**36**
	Oct 2019	256	29	28	33	17	6
	Nov 2019	256	24	27	32	16	5
	Dec 2019	306	42	34	41	21	5
	Jan 2020	309	52	16	21	11	5
	Feb 2020	274	48	15	19	0	4
	Mar 2020	283	57	15	20	8	4
	Winter 2020	**1683**	**253**	**133**	**166**	**73**	**30**
	Apr 2020	255	25	18	27	15	5
	May 2020	259	27	58	102	23	7
	Jun 2020	274	68	20	32	21	8
	Jul 2020	321	36	19	25	14	10
	Aug 2020	356	36	22	27	14	8
	Sep 2020	255	35	24	29	14	2
	Summer 2020	**1720**	**227**	**162**	**242**	**102**	**40**
	Oct 2020	271	26	15	19	10	6
	Nov 2020	270	24	15	19	10	6
	Dec 2020	302	38	28	34	17	6
	Jan 2021	359	43	20	25	13	5
	Feb 2021	312	39	14	19	10	4
	Mar 2021	332	45	0	22	12	5
	Winter 2021	**1202**	**132**	**78**	**97**	**49**	**23**
	Apr 2021	294	43	0	34	19	6
	May 2021	298	25	2	95	23	7
	Jun 2021	322	69	17	29	20	9
	Jul 2021	369	40	23	29	17	10
	Aug 2021	390	43	24	29	15	9

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

September 2019 24-Month Study

Most Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions

Date	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Total KAF	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****CREDITABLE SPACE****										
Sep 2019	337	45	237	10712	11332	17078	28410	337	45	237	620	10712	17078	28410	2270	700	0	31.9
Oct 2019	417	69	288	10891	11664	17079	28743	417	69	288	773	10891	17079	28743	3040	692	0	31.8
Nov 2019	447	110	287	10932	11776	17125	28902	447	110	287	845	10932	17125	28902	3810	523	0	31.7
Dec 2019	461	160	277	11021	11918	17031	28950	461	160	277	898	11021	17031	28950	4580	297	0	31.8
Jan 2020	536	239	281	11194	12249	16601	28850	536	239	281	1055	11194	16601	28850	5350	552	0	31.8
								****EFFECTIVE SPACE****										
Jan 2020	536	239	281	11194	12249	16601	28850	200	152	4	357	11194	16601	28151	5350	552	0	31.8
Feb 2020	632	262	288	11398	12580	16366	28946	297	176	11	484	11398	16366	28248	1500	636	0	31.7
Mar 2020	719	286	287	11514	12806	16278	29084	383	201	9	593	11514	16278	28385	1500	955	0	31.4
Apr 2020	782	299	268	11558	12907	16511	29418	445	214	-17	642	11558	16511	28710	1500	1029	0	31.3
May 2020	733	285	227	11405	12650	16897	29547	388	203	-83	508	11405	16897	28810	1500	972	0	32.3
Jun 2020	600	335	244	10110	11290	17261	28551	242	241	-105	378	10110	17261	27749	1500	910	0	33.8
Jul 2020	467	146	418	8402	9433	17568	27000	97	34	11	142	8402	17568	26112	1500	819	0	33.8
								****CREDITABLE SPACE****										
Aug 2020	388	105	468	8417	9378	17651	27030	388	105	468	961	8417	17651	27030	1500	724	0	33.4
Sep 2020	425	114	494	8780	9812	17547	27360	425	114	494	1033	8780	17547	27360	2270	691	0	33.0
Oct 2020	477	142	504	8945	10068	17624	27692	477	142	504	1123	8945	17624	27692	3040	458	0	32.8
Nov 2020	499	151	504	9099	10253	17441	27693	499	151	504	1154	9099	17441	27693	3810	580	0	32.7
Dec 2020	518	167	509	9271	10465	17390	27854	518	167	509	1194	9271	17390	27854	4580	542	0	32.6
Jan 2021	589	233	520	9499	10841	17221	28062	589	233	520	1342	9499	17221	28062	5350	569	0	32.5
								****EFFECTIVE SPACE****										
Jan 2021	589	233	520	9499	10841	17221	28062	337	128	229	694	9499	17221	27415	5350	569	0	32.5
Feb 2021	666	276	533	9851	11326	16908	28233	414	171	241	826	9851	16908	27585	1500	651	0	32.3
Mar 2021	729	302	535	10112	11677	16764	28441	475	198	242	915	10112	16764	27790	1500	972	0	32.0
Apr 2021	752	322	496	10257	11827	16919	28745	495	219	196	910	10257	16919	28086	1500	1046	0	32.0
May 2021	744	328	421	10060	11553	17246	28799	480	226	97	804	10060	17246	28110	1500	989	0	33.2
Jun 2021	579	362	363	8793	10097	17551	27648	303	244	-1	545	8793	17551	26890	1500	926	0	34.7
Jul 2021	393	185	463	7355	8396	17779	26175	102	42	42	186	7355	17779	25319	1500	835	0	34.8
								****CREDITABLE SPACE****										
Aug 2021	310	141	482	7304	8238	17783	26021	310	141	482	934	7304	17783	26021	1500	740	0	34.5

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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October 24-Month Study
Date: October 11, 2019

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

Reservoir	September Inflow (unregulated) (acre-feet)	Percent of Average (%)	October 10, Midnight Elevation (feet)	October 10, Midnight Reservoir Storage (acre-feet)
Fontenelle	41,000	89	6,495.81	267,000
Flaming Gorge	49,000	90	6,031.21	3,396,000
Blue Mesa	31,500	85	7,506.67	717,000
Navajo	3,400	8	6,062.11	1,375,000
Powell	143,000	35	3,614.52	13,190,000

Expected Operations

The operation of Lake Powell and Lake Mead in this October 2019 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines), and reflects the 2019 Annual Operating Plan (AOP) and draft 2020 AOP. Pursuant to the Interim Guidelines, the August 2019 24-Month Study projections of the January 1, 2020, system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2020.

The August 2019 24-Month Study projected the January 1, 2020, Lake Powell elevation to be below the 2019 Equalization Elevation of 3,657 feet and above elevation 3,575 feet. Consistent with Section 6.B of the Interim Guidelines, Lake Powell's operations in water year 2020 will be governed by the Upper Elevation Balancing Tier, with an initial water year release volume of 8.23 maf and the potential for an April adjustment to equalization or balancing releases in April 2020. Based on the most probable inflow forecast, this October 24-Month Study projects an annual release of 8.23 maf in water year 2020.

Consistent with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar year 2019.

The August 2019 24-Month Study projected the January 1, 2020, Lake Mead elevation to be above 1,075 feet and below 1,090 feet. Consistent with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar year 2020. In addition, Section III.B of Exhibit 1 to the Lower Basin Drought Contingency Plan (DCP) Agreement will also govern the operation of Lake Mead for calendar year 2020.

The 2020 operational tier determinations for Lake Powell and Lake Mead will be documented in the 2020 AOP, which is currently in development.

The Interim Guidelines are available for download at:
https://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The 2019 AOP is available for download at:
https://www.usbr.gov/lc/region/g4000/aop/AOP19.pdf.
The draft 2020 AOP is available for download at:
https://www.usbr.gov/lc/region/g4000/AOP2020/2020AOP_2019-08-30_Consultation-3.pdf.
The Colorado River DCPs are available for download at:
https://www.usbr.gov/lc/region/programs/dcp.html.

Fontenelle Reservoir – As of October 2, 2019 Fontenelle Reservoir pool elevation is 6496.30 feet, which amounts to 78 percent of live storage capacity. Inflows for the month of September totaled 40,958 acre-feet (af) or 89 percent of average. Releases remain at 1100 cfs.

The Colorado Basin River Forecast Center has forecasted inflows that are near average. October, November, and December forecasted inflow volumes amount to 45,000 af (93 percent of average), 44,000 af (105 percent of average), and 37,000 af (116 percent of average), respectively.

The next Fontenelle Working Group meeting is scheduled for April 22, 2020 from 10:00 a.m. to 12:00 p.m. The meeting is planned to held at the 3 Telephone Canyon Road, Green River, WY 82935. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir.

Flaming Gorge Reservoir – Flaming Gorge average daily releases are planned to be lowered beginning on October 1st by 50 cfs per day from the currently daily average of 1,900 cfs to a daily average of 1,100 cfs by October 16th. This is the transition from Colorado Pikeminnow Summer/Autumn base flows to (-) 40% base flows according to the 2006 Record of Decision and is identified in the Flaming Gorge Operation Plan May 2019 to April 2020 -- https://www.usbr.gov/uc/water/crsp/cs/pdf/20190500-FlamingGorgeMay2019April2020-OperationPlan-508-PO.pdf.

As of October 2, 2019, Flaming Gorge Reservoir pool elevation is 6031.47 feet, which amounts to 91 percent of live storage capacity. Inflows for the month of September

totaled 74,452 acre-feet (af) or 107 percent of average. The 1,100 cfs average daily release is projected to continue through November.

The October final forecast for unregulated inflows into Flaming Gorge for the next three months projects near average conditions: October, November, and December forecasted unregulated inflow volumes at 57,000 af (97 percent of average), 56,000 af (110 percent of average), and 40,000 af (115 percent of average), respectively.

Reclamation is planning to hold the Pre-Flaming Gorge Working Group meeting on March 19, 2020 from 10:00 am to 1:00 pm at the Uintah Conference Center in Vernal UT (313 East 200 South). The Flaming Gorge Working Group meeting to review stakeholders comments and input is scheduled for April 16, 2020 from 10:00 a.m. to 1:00 p.m. at Carbon County Event Center, 450 S Fairgrounds Rd, Price, UT 84501, USA.

The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stakeholders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations and plans presented by Reclamation at these meetings. Meeting notes from past Working Group meetings are posted on the Working Group webpage. For more information on this group and these meetings please contact Dale Hamilton at 801-379-1186.

Aspinall Unit Reservoirs – As of October 6, 2019 releases from Crystal Dam are approximately 1,450 cfs. Uncompahgre Valley Water Users Association is diverting approximately 1,040 cfs through the Gunnison Tunnel and flows in the Black Canyon are about 600 cfs. Releases from Crystal are projected to remain at about this level throughout the fall.

Blue Mesa did fill this year and achieved a peak elevation on July 25, 2019 of 7519.15 feet above sea level which corresponded to a storage content of 827,000 af (99 percent of full pool). Since this peak filling, Blue Mesa's elevation has declined to 7507.36 feet above sea level on October 6, 2019.

The unregulated inflow volume in September to Blue Mesa was 31.5 kaf (83 percent of average). Unregulated Inflow volumes forecasted for Blue Mesa for the next three months (October, November, December) are projected to be: 38,000 af (100 percent of average), 34,000 af (110 percent of average) and 29,000 af (112 percent of average), respectively. The October 24-Month Study is reflective of these new forecasts. The water year unregulated inflow forecast volume for 2020 is 0.880 maf which is 92 percent of average.

The Aspinall Unit Working Group is an open public forum for information exchange between Reclamation and the stakeholders of the Aspinall Unit. The public is encouraged to attend and comments on the operations and plans presented by Reclamation at these meetings. Meeting notes from past working Group meetings are posted on the Working Group webpage. For more information on this group and these meetings please contact Erik Knight in the Grand Junction Area Office at (970) 248-0629.

Meeting notes from past working Group meetings are posted on the Working Group webpage at:

https://www.usbr.gov/uc/wcao/water/rsvrs/mtgs/amcurrnt.html

The next meeting of the Aspinall Unit Working Group will be held on Thursday, January 23, 2020 at 1:00 pm at the Holiday Inn Express located in Montrose, Colorado.

Navajo Reservoir – On October 2nd, the daily average release rate from Navajo Dam was approximately 593 cfs while reservoir inflow (modified unregulated) was averaging approximately 27 cfs. The water surface elevation was 6062.9 feet above sea level. At this elevation the live storage is 1.39 maf (81 percent of live storage capacity) and the active storage is 0.72 maf (70 percent of active storage capacity). NIIP was diverting 330 cfs from the reservoir. The river flow measured at the Animas River at Farmington USGS gage was at 203 cfs. River flow at the San Juan River at Four Corners USGS gage was 632 cfs.

Releases from Navajo Dam are made for authorized purposes of the Navajo Unit and are pursuant to the Record of Decision for the Navajo Reservoir Operations.

Preliminary modified-unregulated inflow into Navajo (inflow adjusted for upstream change in storage, reservoir evaporation and exportation from the basin) in September was 3 kaf (8 percent of average for the month).

Forecast modified-unregulated inflow to Navajo over the next three months (October, November and December) are projected to be: 18 kaf (38 percent of average), 25 kaf (75 percent of average), and 24 kaf (96 percent of average), respectively.

Releases for the fall and winter will be made to target the San Juan River Recovery Implementation Program's recommended baseflow range of 500 cfs to 1000 cfs. Releases will likely range between 300 cfs and 600 cfs for the remainder of the calendar year.

Analysis of current carryover storage with 35 years of historical hydrology (1981 - 2015) shows that Navajo has a 60 percent chance of filling to at least 6070 feet, and a 50 percent chance of conducting a spring peak release in the spring of 2020.

Reclamation conducts Public Operations Meetings three times per year to gather input for determining upcoming operations for Navajo Reservoir. Input from individuals, organizations, and agencies along with other factors such as weather, water rights, endangered species requirements, flood control, hydro power, recreation, fish and wildlife management, and reservoir levels, will be considered in the development of these reservoir operation plans. In addition, the meetings are used to coordinate activities and exchange information among agencies, water users, and other interested parties concerning the San Juan River and Navajo Reservoir. The next Navajo Unit Coordination Meeting will be held Tuesday, January 21, 2020 at 1:00 pm at the Farmington Civic Center (200 West Arrington, Farmington, NM).

Glen Canyon Dam / Lake Powell

Current Status

The unregulated inflow volume to Lake Powell during September was 143 thousand acre-feet (kaf) (35 percent of average). The release volume from Glen Canyon Dam in September was 687 kaf. The end of September elevation and storage of Lake Powell were 3,615 ft (85 feet from full pool) and 13.28 maf (55 percent of full capacity), respectively.

Current Operations

The operating tier for water year 2020 (September 2019 through October 2020) was established in August 2019 as the Upper Elevation Balancing Tier, consistent with Section 6.B of the Interim Guidelines. Under this Tier the initial annual water year release volume is 8.23 maf, and the April 2020 24-Month Study projects the end of water year elevation at Lake Powell to be above 3,575 feet, and the end of water year elevation at Lake Mead to be below 1,075 feet. Lake Powell operations will shift to balancing releases for the remainder of water year 2020. If the April 2020 24-Month Study projects the end of water year elevation to be above the 2020 Equalization elevation of 3,657 feet Lake Powell operations will shift to Equalization releases for the remainder of water year 2020. Reclamation will schedule operations at Glen Canyon Dam to achieve as practicably as possible the appropriate total annual release volume by September 30, 2020.

In October, the release volume will be approximately 625 kaf, with fluctuations anticipated between about 6,740 cfs in the nighttime to about 12,500 cfs in the daytime, and consistent with the Glen Canyon Dam, Record of Decision (dated December 2016). The anticipated release volume for November is 625 kaf with daily fluctuations between approximately 7,000 cfs and 12,640 cfs. The expected release for December is 750 kaf.

In addition to daily scheduled fluctuations for power generation, the instantaneous releases from Glen Canyon Dam may also fluctuate to provide 40 megawatts (mw) of system regulation. These instantaneous release adjustments stabilize the electrical generation and transmission system and translate to a range of about 1,200 cfs above or below the hourly scheduled release rate. Under system normal conditions, fluctuations for regulation are typically short lived and generally balance out over the hour with minimal or no noticeable impacts on downstream river flow conditions.

Releases from Glen Canyon Dam can also fluctuate beyond scheduled releases when called upon to respond to unscheduled power outages or power system emergencies. Depending on the severity of the system emergency, the response from Glen Canyon Dam can be significant, within the full range of the operating capacity of the power plant for as long as is necessary to maintain balance in the transmission system. Glen Canyon Dam currently maintains 30 mw (approximately 800 cfs) of generation capacity in reserve in order to respond to a system emergency even when generation rates are already high. System emergencies occur fairly infrequently and typically require small responses

from Glen Canyon Dam. However, these responses can have a noticeable impact on the river downstream of Glen Canyon Dam.

Inflow Forecasts and Model Projections

The forecast for water year 2020 unregulated inflow to Lake Powell, issued on October 1, 2019, by the Colorado Basin River Forecast Center, projects that the most probable (median) unregulated inflow volume this year will be 9.5 maf (88 percent of average). There is significant uncertainty regarding this season's snow pack development and resulting runoff into Lake Powell. Reclamation updates the minimum and maximum probable forecasts four times a year: January, April, August and October. The October forecast ranges from a minimum probable of 6.7 maf (62 percent of average) to a maximum probable of 18 maf (166 percent of average). There is a 10 percent chance that inflows could be higher than the current maximum probable forecast and a 10 percent chance that inflows could be lower than the minimum probable forecast.

Based on the current forecast, the October 24-Month Study projects Lake Powell elevation will end water year 2020 near 3,623.17 feet with approximately 14.10 maf in storage (58 percent of capacity). Note that projections of elevation and storage for water year 2020 have significant uncertainty at this point in the season. Projections of end of water year 2020 elevation and storage using the minimum and maximum probable inflow forecast from October 2019 are 3,595.36 feet (11.31 maf, 47 percent of capacity) and 3,657 feet (18.10 maf, 74 percent of capacity), respectively. Under these scenarios, there is a 10 percent chance that inflows will be higher, resulting in higher elevation and storage, and 10 percent chance that inflows will be lower, resulting in lower elevation and storage. The annual release volume from Lake Powell during water year 2020 is projected to be 8.23 maf under the October most probable scenario, and 9.0 maf under the minimum probable and 11.89 maf under the maximum probable inflow scenarios.

Upper Colorado River Basin Hydrology

Upper Colorado River Basin regularly experiences significant year to year hydrologic variability. During the 20-year period 2000 to 2019, however, the unregulated inflow to Lake Powell, which is a good measure of hydrologic conditions in the Colorado River Basin, was above average in only 4 out of the past 19 years. The period 2000-2019 is the lowest 20-year period since the closure of Glen Canyon Dam in 1963, with an average unregulated inflow of 8.76 maf, or 81 percent of the 30-year average (1981-2010). (For comparison, the 1981-2010 total water year average is 10.83 maf.) The unregulated inflow during the 2000-2019 period has ranged from a low of 2.64 maf (24 percent of average) in water year 2002 to a high of 15.97 maf (147 percent of average) in water year 2011. In water year 2018 unregulated inflow volume to Lake Powell was 4.6 maf (43 percent of average), the third driest year on record above 2002 and 1977. Under the current most probable forecast, the total water year 2020 unregulated inflow to Lake Powell is projected to be 9.5 maf (88 percent of average).

At the beginning of water year 2020, total system storage in the Colorado River Basin was 31.64 maf (53 percent of 59.6 maf total system capacity). This is an increase of 3.64 maf over the total storage at the beginning of water year 2019 when total system storage

was 28 maf (47 percent of capacity). Since the beginning of water year 2000, total Colorado Basin storage has experienced year to year increases and decreases in response to wet and dry hydrology, ranging from a high of 94 percent of capacity at the beginning of 2000 to the now current level of 53 percent of capacity at the beginning of water year 2020. Based on current inflow forecasts, the current projected end of water year total Colorado Basin reservoir storage for water year 2020 is approximately 31.6 maf (53 percent of total system capacity). The actual end of water year 2020 system storage may vary from this projection, primarily due to uncertainty regarding this season's runoff and reservoir inflow.

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-430
125 SOUTH STATE STREET, ROOM 8100
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-3709

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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:	Obs			sep	Forecast		
:	jun	jul	aug	sep	%Avg	oct	nov	dec
GLDA3:Lake Powell	4206	2451	472	143	35%:	380/	440/	380/
GBRW4:Fontenelle	337	184	57	41	89%:	45/	44/	37/
GRNU1:Flaming Gorge	460	227	59	49	89%:	57/	56/	40/
BMDC2:Blue Mesa	471	282	92	32	84%:	38/	34/	29/
MPSC2:Morrow Point	512	295	93	32	79%:	39/	36/	31/
CLSC2:Crystal	558	321	98	36	77%:	43/	40/	36/
TPIC2:Taylor Park	68	47	14.8	7.1	96%:	7.0/	6.0/	5.5/
VCRC2:Vallecito	160	69	19.5	7.9	45%:	9/	8/	6.5/
NVRN5:Navajo	491	171	40	2.6	6%:	18/	25/	24/
LEMC2:Lemon	46	19.8	3.7	1.44	35%:	1.5/	1.5/	1.1/
MPHC2:McPhee	181	53	11.3	5.7	50%:	5.0/	5.0/	5.0/
RBSC2:Ridgway	50	46	17.6	6.3	64%:	6.0/	5.5/	5.0/
YDLC2:Deerlodge	677	258	32	14.0	71%:	23/	30/	25/
DRGC2:Durango	285	179	50	20	65%:	19.0/	19.0/	16.0/

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

October 2019 24-Month Study

Most Probable Inflow*

Fontenelle Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Oct 2018	42	1	45	20	65	6491.62	238
H	Nov 2018	38	1	60	0	60	6488.29	216
I	Dec 2018	30	1	61	1	61	6483.19	184
S	Jan 2019	28	1	61	0	61	6476.81	150
T	Feb 2019	26	0	55	1	56	6470.41	120
O	Mar 2019	37	0	61	0	61	6464.13	95
R	Apr 2019	114	1	71	0	71	6474.10	137
I	May 2019	167	1	98	0	98	6486.46	204
C	Jun 2019	337	2	107	171	278	6494.89	261
A	Jul 2019	184	3	86	39	125	6502.48	317
L	Aug 2019	57	2	74	0	74	6499.98	298
*	Sep 2019	41	2	19	47	66	6496.36	271
	WY 2019	**1101**	**15**	**799**	**278**	**1077**		
	Oct 2019	45	1	68	0	68	6493.00	248
	Nov 2019	44	1	62	1	62	6490.08	229
	Dec 2019	37	1	65	0	65	6485.81	201
	Jan 2020	32	1	65	0	65	6480.19	168
	Feb 2020	30	1	60	0	60	6474.00	137
	Mar 2020	46	0	66	0	66	6469.40	117
	Apr 2020	75	1	79	0	79	6468.41	112
	May 2020	150	1	88	0	88	6481.14	173
	Jun 2020	285	2	102	62	165	6498.99	291
	Jul 2020	170	3	102	32	135	6503.27	324
	Aug 2020	65	2	80	0	80	6501.07	307
	Sep 2020	45	2	20	51	71	6497.29	279
	WY 2020	**1024**	**15**	**856**	**147**	**1003**		
	Oct 2020	48	1	74	0	74	6493.52	252
	Nov 2020	42	1	65	0	65	6489.83	228
	Dec 2020	32	1	68	0	68	6484.25	191
	Jan 2021	30	1	68	0	68	6477.42	153
	Feb 2021	28	0	61	0	61	6470.10	120
	Mar 2021	53	0	70	0	70	6465.75	102
	Apr 2021	85	1	79	0	79	6467.17	107
	May 2021	164	1	93	0	93	6481.78	177
	Jun 2021	299	2	102	77	179	6499.40	294
	Jul 2021	178	3	103	53	156	6501.84	313
	Aug 2021	77	2	83	0	83	6500.66	304
	Sep 2021	46	2	20	60	80	6495.75	268
	WY 2021	**1081**	**15**	**887**	**190**	**1077**		

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3103

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

October 2019 24-Month Study

Most Probable Inflow*

Flaming Gorge Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	Oct 2018	52	75	7	99	0	99	135	6029.99	3349	131
H	Nov 2018	41	63	4	93	0	93	133	6029.15	3316	121
I	Dec 2018	29	60	2	124	0	124	131	6027.49	3253	153
S	Jan 2019	34	68	2	124	0	124	129	6026.01	3198	154
T	Feb 2019	34	63	2	112	0	112	127	6024.69	3149	143
O	Mar 2019	74	99	3	58	0	58	128	6025.67	3185	128
R	Apr 2019	240	198	5	71	0	71	133	6028.79	3303	341
I	May 2019	252	183	8	99	0	99	136	6030.71	3376	568
C	Jun 2019	460	400	11	215	100	315	139	6032.55	3448	950
A	Jul 2019	227	169	14	100	0	100	141	6033.89	3502	376
L	Aug 2019	59	76	13	109	0	109	139	6032.79	3458	153
*	Sep 2019	49	74	11	113	0	113	137	6031.57	3410	138
	WY 2019	**1553**	**1529**	**82**	**1315**	**100**	**1415**				**3356**
	Oct 2019	57	80	8	80	0	80	137	6031.39	3403	103
	Nov 2019	56	74	4	65	0	65	137	6031.52	3408	95
	Dec 2019	40	68	2	114	0	114	135	6030.33	3362	139
	Jan 2020	45	78	2	141	0	141	133	6028.69	3299	165
	Feb 2020	46	76	2	132	0	132	130	6027.21	3243	156
	Mar 2020	95	115	3	157	0	157	129	6026.06	3200	227
	Apr 2020	125	129	5	83	0	83	130	6027.11	3239	283
	May 2020	225	163	8	74	0	74	133	6029.18	3317	574
	Jun 2020	355	235	10	224	0	224	133	6029.19	3318	664
	Jul 2020	200	165	14	88	0	88	136	6030.75	3378	158
	Aug 2020	76	91	13	111	0	111	135	6029.94	3347	132
	Sep 2020	55	81	11	107	0	107	133	6029.02	3311	122
	WY 2020	**1375**	**1354**	**81**	**1376**	**0**	**1376**				**2818**
	Oct 2020	59	85	7	73	0	73	133	6029.12	3315	101
	Nov 2020	51	75	3	60	0	60	134	6029.41	3326	89
	Dec 2020	35	71	2	105	0	105	132	6028.49	3291	130
	Jan 2021	40	78	2	126	0	126	131	6027.22	3243	151
	Feb 2021	45	78	2	114	0	114	129	6026.25	3206	142
	Mar 2021	102	120	3	108	0	108	129	6026.48	3215	184
	Apr 2021	134	127	5	104	0	104	130	6026.95	3233	319
	May 2021	245	175	8	95	0	95	133	6028.78	3302	627
	Jun 2021	390	270	11	210	0	210	135	6030.02	3350	630
	Jul 2021	210	189	14	88	0	88	138	6032.17	3433	188
	Aug 2021	89	95	13	114	0	114	137	6031.40	3403	139
	Sep 2021	55	90	11	110	0	110	136	6030.61	3373	129
	WY 2021	**1454**	**1451**	**81**	**1306**	**0**	**1306**				**2830**

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

October 2019 24-Month Study

Most Probable Inflow*

Taylor Park Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Oct 2018	5	3	9302.60	59
H	Nov 2018	3	3	9302.61	59
I	Dec 2018	4	3	9302.74	59
S	Jan 2019	4	3	9302.92	59
T	Feb 2019	3	3	9303.16	60
O	Mar 2019	5	4	9303.75	60
R	Apr 2019	10	7	9306.14	64
I	May 2019	21	26	9302.64	59
C	Jun 2019	68	38	9320.92	89
A	Jul 2019	47	32	9328.49	103
L	Aug 2019	15	24	9323.77	94
*	Sep 2019	7	20	9316.42	81
	WY 2019	**191**	**168**		
	Oct 2019	7	7	9316.21	80
	Nov 2019	6	6	9316.24	80
	Dec 2019	6	6	9315.87	80
	Jan 2020	6	6	9315.49	79
	Feb 2020	5	6	9315.17	78
	Mar 2020	5	6	9314.49	77
	Apr 2020	7	6	9315.08	78
	May 2020	25	12	9322.34	91
	Jun 2020	38	24	9329.53	105
	Jul 2020	15	24	9324.97	96
	Aug 2020	9	21	9318.51	84
	Sep 2020	7	15	9313.90	76
	WY 2020	**135**	**139**		
	Oct 2020	6	6	9314.16	77
	Nov 2020	5	6	9313.60	76
	Dec 2020	5	6	9312.72	74
	Jan 2021	4	6	9311.62	73
	Feb 2021	4	6	9310.54	71
	Mar 2021	4	6	9309.46	69
	Apr 2021	9	6	9311.19	72
	May 2021	28	15	9318.97	85
	Jun 2021	42	21	9329.80	106
	Jul 2021	20	21	9329.37	105
	Aug 2021	10	21	9323.92	94
	Sep 2021	7	18	9318.15	84
	WY 2021	**145**	**138**		

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

October 2019 24-Month Study

Most Probable Inflow*

Blue Mesa Reservoir

	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Oct 2018	23	22	0	46	11	56	7437.59	248
H	Nov 2018	22	21	0	19	0	19	7438.08	250
I	Dec 2018	20	19	0	21	0	21	7437.82	249
S	Jan 2019	20	20	0	17	0	17	7438.40	252
T	Feb 2019	20	20	0	23	0	23	7437.59	248
O	Mar 2019	28	27	0	25	0	25	7438.01	250
R	Apr 2019	121	118	0	33	0	33	7453.91	335
I	May 2019	214	218	1	86	18	105	7471.68	447
C	Jun 2019	471	444	1	124	70	194	7504.14	696
A	Jul 2019	282	266	2	87	51	138	7518.61	823
L	Aug 2019	92	100	1	76	62	137	7514.39	784
*	Sep 2019	32	45	1	45	47	93	7508.84	736
	WY 2019	**1344**	**1320**	**7**	**601**	**260**	**859**		
	Oct 2019	38	38	1	86	0	86	7503.17	688
	Nov 2019	34	34	0	80	0	80	7497.52	641
	Dec 2019	29	30	0	82	0	82	7490.90	588
	Jan 2020	28	29	0	53	0	53	7487.72	564
	Feb 2020	25	26	0	51	0	51	7484.40	539
	Mar 2020	38	39	0	51	0	51	7482.69	526
	Apr 2020	70	69	1	68	0	68	7482.78	526
	May 2020	185	172	1	201	0	201	7478.63	496
	Jun 2020	250	236	1	34	0	34	7504.29	697
	Jul 2020	95	104	1	71	0	71	7507.99	728
	Aug 2020	51	63	1	77	0	77	7506.21	713
	Sep 2020	37	45	1	77	0	77	7502.25	680
	WY 2020	**880**	**884**	**8**	**932**	**0**	**932**		
	Oct 2020	38	37	1	75	0	75	7497.59	642
	Nov 2020	31	32	0	49	0	49	7495.42	624
	Dec 2020	26	27	0	79	0	79	7488.77	572
	Jan 2021	24	26	0	49	0	49	7485.73	549
	Feb 2021	22	24	0	43	0	43	7483.16	529
	Mar 2021	36	38	0	0	52	52	7481.16	515
	Apr 2021	77	74	1	0	80	80	7480.31	508
	May 2021	221	208	1	6	225	231	7476.98	484
	Jun 2021	261	240	1	59	0	59	7500.39	665
	Jul 2021	117	118	1	75	0	75	7505.33	706
	Aug 2021	63	74	1	78	0	78	7504.75	701
	Sep 2021	38	49	1	88	0	88	7499.91	661
	WY 2021	**954**	**947**	**8**	**601**	**357**	**958**		

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

October 2019 24-Month Study

Most Probable Inflow*

Morrow Point Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Oct 2018	24	56	1	57	56	0	56	7136.92	99
H	Nov 2018	23	19	1	20	13	0	15	7143.47	104
I	Dec 2018	21	21	1	22	18	0	18	7147.95	107
S	Jan 2019	21	17	1	17	18	0	18	7147.00	107
T	Feb 2019	20	23	0	24	23	0	23	7147.57	107
O	Mar 2019	29	25	1	26	26	0	26	7146.90	107
R	Apr 2019	136	33	15	47	41	0	41	7155.16	113
I	May 2019	240	105	25	130	127	0	131	7154.68	113
C	Jun 2019	512	194	41	235	186	0	234	7155.10	113
A	Jul 2019	295	138	13	150	151	0	151	7154.18	112
L	Aug 2019	93	137	2	139	137	0	139	7153.99	112
*	Sep 2019	32	93	1	93	60	0	96	7151.09	110
	WY 2019	**1446**	**859**	**102**	**961**	**858**	**0**	**949**		
	Oct 2019	39	86	1	87	85	0	85	7153.73	112
	Nov 2019	36	80	2	82	82	0	82	7153.73	112
	Dec 2019	31	82	2	84	84	0	84	7153.73	112
	Jan 2020	31	53	3	56	56	0	56	7153.73	112
	Feb 2020	28	51	3	54	54	0	54	7153.73	112
	Mar 2020	42	51	4	55	55	0	55	7153.73	112
	Apr 2020	80	68	10	78	78	0	78	7153.73	112
	May 2020	210	201	25	226	226	0	226	7153.73	112
	Jun 2020	270	34	20	54	54	0	54	7153.73	112
	Jul 2020	100	71	5	76	76	0	76	7153.73	112
	Aug 2020	54	77	3	80	80	0	80	7153.73	112
	Sep 2020	39	77	2	79	79	0	79	7153.73	112
	WY 2020	**960**	**932**	**80**	**1012**	**1010**	**0**	**1010**		
	Oct 2020	40	75	2	77	77	0	77	7153.73	112
	Nov 2020	33	49	2	51	51	0	51	7153.73	112
	Dec 2020	28	79	2	81	81	0	81	7153.73	112
	Jan 2021	27	49	2	51	51	0	51	7153.73	112
	Feb 2021	25	43	3	46	46	0	46	7153.73	112
	Mar 2021	40	52	4	56	56	0	56	7153.73	112
	Apr 2021	88	80	11	91	91	0	91	7153.73	112
	May 2021	247	231	26	257	257	0	257	7153.73	112
	Jun 2021	281	59	20	79	79	0	79	7153.73	112
	Jul 2021	123	75	6	81	81	0	81	7153.73	112
	Aug 2021	67	78	3	81	81	0	81	7153.73	112
	Sep 2021	41	88	3	91	91	0	91	7153.73	112
	WY 2021	**1039**	**958**	**84**	**1043**	**1043**	**0**	**1043**		

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

October 2019 24-Month Study

Most Probable Inflow*

Crystal Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
*	Oct 2018	27	56	3	59	55	0	55	6751.87	17	33	24
H	Nov 2018	26	15	4	19	21	0	21	6743.11	14	1	19
I	Dec 2018	25	18	4	22	21	0	22	6745.32	15	0	20
S	Jan 2019	25	18	4	22	19	3	22	6746.57	15	1	20
T	Feb 2019	24	23	3	27	9	17	26	6748.26	16	1	25
O	Mar 2019	34	26	5	32	30	0	30	6752.77	17	0	29
R	Apr 2019	150	41	15	55	55	0	55	6753.29	17	26	29
I	May 2019	264	131	24	155	108	31	153	6759.30	19	47	105
C	Jun 2019	558	234	46	280	115	73	282	6753.12	17	51	231
A	Jul 2019	321	151	26	177	121	57	178	6746.79	15	59	124
L	Aug 2019	98	139	5	144	119	28	147	6733.35	12	64	88
*	Sep 2019	36	96	4	99	94	0	95	6750.61	16	61	36
	WY 2019	**1587**	**949**	**142**	**1091**	**768**	**210**	**1087**			**344**	**750**
	Oct 2019	43	85	4	89	88	0	88	6753.04	17	30	58
	Nov 2019	40	82	4	86	86	0	86	6753.04	17	0	86
	Dec 2019	36	84	5	89	89	0	89	6753.04	17	0	89
	Jan 2020	37	56	6	62	62	0	62	6753.04	17	0	62
	Feb 2020	32	54	4	58	58	0	58	6753.04	17	0	58
	Mar 2020	48	55	6	61	61	0	61	6753.04	17	5	56
	Apr 2020	91	78	11	89	89	0	89	6753.04	17	42	47
	May 2020	240	226	30	256	134	122	256	6753.04	17	62	194
	Jun 2020	300	54	30	84	84	0	84	6753.04	17	61	23
	Jul 2020	110	76	10	86	86	0	86	6753.04	17	65	21
	Aug 2020	60	80	6	86	86	0	86	6753.04	17	65	21
	Sep 2020	43	79	4	83	83	0	83	6753.04	17	55	28
	WY 2020	**1080**	**1010**	**120**	**1130**	**1007**	**122**	**1129**			**385**	**744**
	Oct 2020	44	77	5	82	82	0	82	6753.04	17	30	52
	Nov 2020	37	51	4	55	55	0	55	6753.04	17	0	55
	Dec 2020	32	81	5	86	86	0	86	6753.04	17	0	86
	Jan 2021	31	51	5	56	56	0	56	6753.04	17	0	56
	Feb 2021	29	46	4	50	50	0	50	6753.04	17	0	50
	Mar 2021	46	56	6	62	62	0	62	6753.04	17	5	57
	Apr 2021	101	91	12	103	103	0	103	6753.04	17	42	61
	May 2021	281	257	34	291	134	157	291	6753.04	17	62	229
	Jun 2021	315	79	34	113	113	0	113	6753.04	17	61	52
	Jul 2021	138	81	14	96	96	0	96	6753.04	17	65	31
	Aug 2021	75	81	8	89	89	0	89	6753.04	17	65	24
	Sep 2021	47	91	6	97	97	0	97	6753.04	17	55	42
	WY 2021	**1176**	**1043**	**138**	**1180**	**1023**	**157**	**1180**			**385**	**795**

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

October 2019 24-Month Study

Most Probable Inflow*

Vallecito Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Oct 2018	9	3	7617.56	26
H	Nov 2018	5	0	7621.25	31
I	Dec 2018	3	0	7623.31	34
S	Jan 2019	4	0	7625.50	37
T	Feb 2019	4	0	7627.67	41
O	Mar 2019	6	6	7627.39	40
R	Apr 2019	32	25	7631.32	47
I	May 2019	58	41	7640.08	64
C	Jun 2019	160	101	7664.36	124
A	Jul 2019	69	68	7664.45	124
L	Aug 2019	20	38	7657.21	105
*	Sep 2019	8	33	7646.82	79
	WY 2019	**378**	**316**		
	Oct 2019	9	17	7643.15	71
	Nov 2019	8	2	7645.55	77
	Dec 2019	7	2	7647.53	81
	Jan 2020	6	2	7649.26	85
	Feb 2020	6	2	7651.00	90
	Mar 2020	7	2	7652.82	94
	Apr 2020	15	2	7657.93	107
	May 2020	50	31	7664.83	125
	Jun 2020	60	61	7664.12	123
	Jul 2020	27	41	7658.42	108
	Aug 2020	17	38	7649.94	87
	Sep 2020	14	29	7643.20	71
	WY 2020	**225**	**230**		
	Oct 2020	14	16	7641.80	68
	Nov 2020	8	2	7644.34	74
	Dec 2020	6	2	7646.28	78
	Jan 2021	5	2	7647.77	82
	Feb 2021	5	2	7649.03	85
	Mar 2021	9	2	7651.75	91
	Apr 2021	23	2	7660.12	113
	May 2021	71	61	7663.85	123
	Jun 2021	70	70	7663.67	122
	Jul 2021	29	42	7658.70	109
	Aug 2021	20	38	7651.35	90
	Sep 2021	17	29	7646.40	79
	WY 2021	**278**	**267**		

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Most Probable Inflow*

Navajo Reservoir

	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azetea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Farmington Flow (1000 Ac-Ft)
*	Oct 2018	23	1	17	1	7	31	6018.35	897	40
H	Nov 2018	15	0	10	1	0	18	6017.43	888	34
I	Dec 2018	12	0	9	0	0	18	6016.39	879	30
S	Jan 2019	13	0	10	0	0	19	6015.33	869	31
T	Feb 2019	17	0	14	1	1	16	6014.90	865	37
O	Mar 2019	114	1	113	1	4	18	6024.61	955	62
R	Apr 2019	230	24	203	2	20	20	6040.36	1117	102
I	May 2019	270	34	215	3	25	25	6054.45	1279	139
C	Jun 2019	491	57	376	4	36	114	6071.44	1501	385
A	Jul 2019	171	26	141	5	47	59	6073.56	1531	228
L	Aug 2019	40	6	52	4	42	78	6068.40	1459	104
*	Sep 2019	3	0	29	3	29	67	6063.13	1388	71
	WY 2019	**1400**	**150**	**1188**	**26**	**211**	**483**			**1263**
	Oct 2019	18	0	26	2	10	32	6061.78	1371	51
	Nov 2019	25	0	19	1	0	31	6060.81	1358	50
	Dec 2019	24	0	19	1	0	31	6059.86	1346	47
	Jan 2020	22	0	18	1	0	22	6059.45	1341	37
	Feb 2020	29	0	25	1	0	20	6059.73	1344	34
	Mar 2020	65	5	56	2	6	30	6061.15	1362	51
	Apr 2020	120	13	94	3	21	30	6064.22	1402	70
	May 2020	220	28	173	4	36	31	6071.74	1505	151
	Jun 2020	180	22	159	5	53	30	6076.74	1577	155
	Jul 2020	40	1	53	5	57	35	6073.71	1533	87
	Aug 2020	33	1	53	4	48	52	6070.09	1482	85
	Sep 2020	34	1	48	3	26	113	6063.12	1388	139
	WY 2020	**810**	**71**	**743**	**29**	**256**	**458**			**958**
	Oct 2020	40	2	41	2	9	31	6063.08	1387	55
	Nov 2020	31	0	25	1	0	30	6062.65	1382	47
	Dec 2020	25	0	21	1	0	31	6061.81	1371	46
	Jan 2021	22	0	18	1	0	31	6060.80	1358	44
	Feb 2021	30	0	27	1	0	28	6060.65	1356	40
	Mar 2021	92	9	77	2	6	31	6063.65	1395	53
	Apr 2021	170	21	128	3	22	30	6069.17	1469	82
	May 2021	277	37	230	4	37	187	6069.37	1472	333
	Jun 2021	224	29	195	4	53	277	6058.75	1332	428
	Jul 2021	66	5	74	4	57	47	6055.96	1297	114
	Aug 2021	45	2	61	3	48	31	6054.22	1276	69
	Sep 2021	43	2	53	3	26	30	6053.76	1270	62
	WY 2021	**1066**	**106**	**949**	**28**	**258**	**781**			**1375**

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

October 2019 24-Month Study

Most Probable Inflow*

Lake Powell

	Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry Gage (1000 Ac-Ft)
*	Oct 2018	351	477	30	625	0	625	3590.46	4923	10862	650
H	Nov 2018	254	307	29	585	77	662	3586.50	4894	10507	669
I	Dec 2018	228	322	22	740	0	740	3581.85	4862	10099	744
S	Jan 2019	212	303	7	804	0	804	3576.34	4824	9629	815
T	Feb 2019	255	339	7	730	0	730	3571.89	4795	9261	741
O	Mar 2019	625	574	11	791	0	791	3569.28	4778	9049	798
R	Apr 2019	1242	899	18	720	0	720	3571.12	4790	9198	734
I	May 2019	2511	1980	23	720	0	720	3584.65	4881	10343	752
C	Jun 2019	4206	3583	41	765	0	765	3611.82	5087	12914	807
A	Jul 2019	2451	2015	57	857	0	857	3621.60	5168	13933	900
L	Aug 2019	472	608	58	900	0	900	3618.55	5143	13610	943
*	Sep 2019	143	379	52	687	0	687	3615.36	5116	13277	717
	WY 2019	**12951**	**11787**	**356**	**8924**	**77**	**9001**				**9270**
	Oct 2019	380	472	36	625	0	625	3613.66	5102	13102	635
	Nov 2019	440	502	34	625	0	625	3612.24	5090	12957	626
	Dec 2019	380	514	27	750	0	750	3609.83	5071	12713	756
	Jan 2020	400	522	8	760	0	760	3607.55	5053	12485	771
	Feb 2020	425	528	9	675	0	675	3606.09	5041	12341	684
	Mar 2020	590	641	15	700	0	700	3605.40	5035	12273	714
	Apr 2020	860	760	24	630	0	630	3606.39	5043	12371	645
	May 2020	1850	1590	29	630	0	630	3614.93	5112	13233	641
	Jun 2020	2500	2077	48	650	0	650	3626.91	5214	14509	661
	Jul 2020	870	788	60	750	0	750	3626.72	5213	14488	769
	Aug 2020	425	553	60	835	0	835	3623.82	5187	14172	852
	Sep 2020	380	579	54	600	0	600	3623.17	5182	14102	614
	WY 2020	**9500**	**9525**	**404**	**8230**	**0**	**8230**				**8368**
	Oct 2020	489	542	38	640	0	640	3622.00	5172	13977	650
	Nov 2020	462	488	36	640	0	640	3620.37	5158	13802	641
	Dec 2020	363	492	28	720	0	720	3618.12	5139	13565	726
	Jan 2021	361	481	9	860	0	860	3614.67	5110	13206	871
	Feb 2021	393	481	9	750	0	750	3612.15	5090	12948	759
	Mar 2021	665	639	16	800	0	800	3610.54	5077	12785	814
	Apr 2021	1056	931	25	710	0	710	3612.33	5091	12967	725
	May 2021	2343	2185	31	710	0	710	3625.03	5198	14304	721
	Jun 2021	2666	2419	52	750	0	750	3638.29	5318	15802	761
	Jul 2021	1091	970	65	850	0	850	3638.72	5322	15852	869
	Aug 2021	500	575	65	900	0	900	3635.62	5293	15491	917
	Sep 2021	408	528	59	670	0	670	3634.00	5278	15305	684
	WY 2021	**10796**	**10731**	**432**	**9000**	**0**	**9000**				**9138**

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

October 2019 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Glen Release (1000 Ac-Ft)	Side Inflow Glen to Hoover (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Oct 2018	625	100	42	641	10.4	23	634	643	1078.52	9889
H	Nov 2018	662	67	42	690	11.6	16	689	642	1078.32	9872
I	Dec 2018	740	52	36	468	7.6	11	467	659	1081.46	10132
S	Jan 2019	804	106	30	487	7.9	8	486	682	1085.75	10493
T	Feb 2019	730	126	28	621	11.2	6	620	694	1087.97	10682
O	Mar 2019	791	200	32	738	12.0	13	737	707	1090.24	10878
R	Apr 2019	720	118	39	902	15.2	15	900	700	1088.95	10767
I	May 2019	720	108	45	989	16.1	18	988	686	1086.48	10555
C	Jun 2019	765	69	54	912	15.3	27	911	676	1084.71	10405
A	Jul 2019	857	19	67	946	15.4	32	946	666	1082.82	10246
L	Aug 2019	900	65	71	802	13.0	36	801	669	1083.45	10299
*	Sep 2019	687	60	59	696	11.7	32	689	667	1083.00	10261
	WY 2019	**9001**	**1090**	**547**	**8892**		**237**	**8868**			
	Oct 2019	625	82	43	609	9.9	17	609	669	1083.42	10297
	Nov 2019	625	54	43	568	9.5	9	568	673	1084.09	10353
	Dec 2019	750	51	37	352	5.7	5	352	698	1088.59	10736
	Jan 2020	760	83	31	535	8.7	9	535	714	1091.50	10987
	Feb 2020	675	91	29	615	10.7	8	615	721	1092.73	11094
	Mar 2020	700	57	32	945	15.4	18	945	707	1090.16	10871
	Apr 2020	630	49	39	1018	17.1	22	1018	682	1085.77	10495
	May 2020	630	30	45	963	15.7	31	963	659	1081.54	10139
	Jun 2020	650	17	53	937	15.7	31	937	637	1077.52	9807
	Jul 2020	750	80	65	806	13.1	34	806	633	1076.65	9735
	Aug 2020	835	100	70	754	12.3	31	754	638	1077.57	9811
	Sep 2020	600	91	57	688	11.6	24	688	633	1076.67	9737
	WY 2020	**8230**	**784**	**544**	**8788**		**240**	**8788**			
	Oct 2020	640	82	42	492	8.0	26	492	643	1078.52	9889
	Nov 2020	640	54	42	609	10.2	18	609	644	1078.81	9912
	Dec 2020	720	51	36	506	8.2	14	506	657	1081.25	10115
	Jan 2021	860	83	30	565	9.2	9	565	678	1085.03	10432
	Feb 2021	750	91	28	647	11.7	9	647	688	1086.77	10580
	Mar 2021	800	57	31	967	15.7	18	967	678	1085.00	10429
	Apr 2021	710	49	39	1042	17.5	23	1042	657	1081.15	10106
	May 2021	710	30	44	985	16.0	32	985	637	1077.51	9806
	Jun 2021	750	17	52	922	15.5	32	922	623	1074.76	9582
	Jul 2021	850	80	65	831	13.5	34	831	623	1074.75	9581
	Aug 2021	900	100	69	736	12.0	32	736	633	1076.64	9734
	Sep 2021	670	91	57	704	11.8	25	704	631	1076.35	9711
	WY 2021	**9000**	**784**	**536**	**9006**		**271**	**9006**			

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October 2019 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Oct 2018	641	-11	15	635	0	635	10.3	637.08	1540
H	Nov 2018	690	-28	11	610	0	610	10.3	638.62	1581
I	Dec 2018	468	-14	9	386	0	386	6.3	640.79	1639
S	Jan 2019	487	-29	10	418	0	418	6.8	641.89	1668
T	Feb 2019	621	-6	10	569	0	569	10.2	643.20	1704
O	Mar 2019	738	7	13	749	0	749	12.2	642.57	1687
R	Apr 2019	902	0	17	886	0	886	14.9	642.52	1686
I	May 2019	989	-9	22	937	0	937	15.2	643.32	1707
C	Jun 2019	912	-12	25	886	0	886	14.9	642.89	1696
A	Jul 2019	946	-11	25	895	0	894	14.5	643.48	1712
L	Aug 2019	802	-11	23	800	0	800	13.0	642.31	1680
*	Sep 2019	696	-17	18	767	0	767	12.9	638.35	1573
	WY 2019	**8892**	**-142**	**198**	**8538**	**0**	**8539**			
	Oct 2019	609	-4	15	600	0	600	9.8	638.00	1564
	Nov 2019	568	-19	11	511	0	511	8.6	639.01	1591
	Dec 2019	352	-12	9	338	0	338	5.5	638.70	1583
	Jan 2020	535	-16	10	426	0	426	6.9	641.80	1666
	Feb 2020	615	-13	10	591	0	591	10.3	641.80	1666
	Mar 2020	945	-15	13	882	0	882	14.3	643.05	1700
	Apr 2020	1018	-17	17	986	0	986	16.6	643.00	1699
	May 2020	963	-11	22	929	0	929	15.1	643.00	1699
	Jun 2020	937	-16	25	895	0	895	15.0	643.00	1699
	Jul 2020	806	-12	25	797	0	797	13.0	642.00	1671
	Aug 2020	754	-11	23	720	0	720	11.7	642.00	1671
	Sep 2020	688	-12	18	712	0	712	12.0	640.01	1618
	WY 2020	**8788**	**-159**	**198**	**8387**	**0**	**8387**			
	Oct 2020	492	-4	15	657	0	657	10.7	633.00	1434
	Nov 2020	609	-19	10	528	0	528	8.9	635.00	1486
	Dec 2020	506	-12	9	387	0	387	6.3	638.71	1583
	Jan 2021	565	-16	10	456	0	456	7.4	641.80	1666
	Feb 2021	647	-13	10	624	0	624	11.2	641.80	1666
	Mar 2021	967	-15	13	905	0	905	14.7	643.05	1700
	Apr 2021	1042	-17	17	1010	0	1010	17.0	643.00	1699
	May 2021	985	-11	22	951	0	951	15.5	643.00	1699
	Jun 2021	922	-16	25	880	0	880	14.8	643.00	1699
	Jul 2021	831	-12	25	822	0	822	13.4	642.00	1671
	Aug 2021	736	-11	23	702	0	702	11.4	642.00	1671
	Sep 2021	704	-12	18	728	0	728	12.2	640.01	1618
	WY 2021	**9006**	**-159**	**197**	**8649**	**0**	**8649**			

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October 2019 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	Oct 2018	635	23	12	394	6.4	86	176	448.12	582	68	1.1
H	Nov 2018	610	16	9	357	6.0	85	173	447.99	580	97	1.6
I	Dec 2018	386	26	7	218	3.5	70	143	446.53	552	105	1.7
S	Jan 2019	418	19	6	250	4.1	87	91	446.58	553	122	2.0
T	Feb 2019	569	13	8	372	6.7	31	151	447.53	571	143	2.6
O	Mar 2019	749	-5	9	630	10.2	11	83	447.86	577	185	3.0
R	Apr 2019	886	6	11	712	12.0	28	144	447.29	567	170	2.9
I	May 2019	937	8	13	693	11.3	51	154	448.62	592	128	2.1
C	Jun 2019	886	11	15	717	12.0	53	104	448.47	589	138	2.3
A	Jul 2019	894	15	17	739	12.0	59	92	448.12	582	146	2.4
L	Aug 2019	800	15	17	636	10.3	67	102	447.22	565	111	1.8
*	Sep 2019	767	26	15	514	8.6	61	160	449.03	600	103	1.7
	WY 2019	**8539**	**174**	**140**	**6231**		**690**	**1571**			**1516**	
	Oct 2019	600	24	12	449	7.3	42	142	447.50	571	63	1.0
	Nov 2019	511	14	9	375	6.3	14	122	447.50	571	88	1.5
	Dec 2019	338	22	7	291	4.7	14	62	446.50	552	83	1.4
	Jan 2020	426	18	6	262	4.3	95	77	446.50	552	122	2.0
	Feb 2020	591	11	8	431	7.5	85	72	446.50	552	148	2.6
	Mar 2020	882	5	9	705	11.5	18	143	446.70	555	186	3.0
	Apr 2020	986	12	11	728	12.2	74	137	448.70	593	172	2.9
	May 2020	929	13	13	695	11.3	77	145	448.70	593	116	1.9
	Jun 2020	895	11	16	718	12.1	74	84	448.70	593	124	2.1
	Jul 2020	797	19	17	677	11.0	77	45	448.00	580	131	2.1
	Aug 2020	720	20	17	599	9.7	77	45	447.50	571	102	1.7
	Sep 2020	712	14	15	508	8.5	74	118	447.50	570	93	1.6
	WY 2020	**8387**	**182**	**139**	**6439**		**720**	**1193**			**1428**	
	Oct 2020	657	24	12	486	7.9	30	145	447.50	571	63	1.0
	Nov 2020	528	14	9	359	6.0	29	140	447.50	571	96	1.6
	Dec 2020	387	22	7	310	5.0	30	75	446.50	552	106	1.7
	Jan 2021	456	18	6	262	4.3	100	102	446.50	552	122	2.0
	Feb 2021	624	11	8	430	7.7	90	100	446.50	552	148	2.7
	Mar 2021	905	5	9	704	11.4	23	161	446.70	555	186	3.0
	Apr 2021	1010	12	11	726	12.2	80	156	448.70	593	172	2.9
	May 2021	951	13	13	694	11.3	83	161	448.70	593	116	1.9
	Jun 2021	880	11	16	717	12.0	80	65	448.70	593	124	2.1
	Jul 2021	822	19	17	676	11.0	83	65	448.00	580	131	2.1
	Aug 2021	702	20	17	598	9.7	83	22	447.50	571	102	1.7
	Sep 2021	728	14	15	508	8.5	80	129	447.50	570	93	1.6
	WY 2021	**8649**	**182**	**139**	**6470**		**793**	**1322**			**1459**	

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

October 2019 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Oct 2018	641	10.4	1078.52	9889	19	435.29	1406.1	247.8	87	386.7
H	Nov 2018	690	11.6	1078.32	9872	-16	434.47	755.0	266.1	49	385.8
I	Dec 2018	453	7.6	1081.46	10132	260	438.59	959.9	179.6	61	396.6
S	Jan 2019	487	7.9	1085.75	10493	361	442.10	1006.1	183.4	63	376.8
T	Feb 2019	621	11.2	1087.97	10682	189	443.82	1119.0	246.4	70	396.7
O	Mar 2019	738	12.0	1090.24	10878	195	444.26	1112.0	295.7	70	400.6
R	Apr 2019	902	15.2	1088.95	10767	-111	439.99	810.1	365.4	51	405.2
I	May 2019	989	16.1	1086.48	10555	-211	440.79	803.9	398.2	51	402.5
C	Jun 2019	912	15.3	1084.71	10405	-150	439.38	1591.0	359.0	100	393.7
A	Jul 2019	946	15.4	1082.82	10246	-159	435.56	1486.0	371.7	93	392.7
L	Aug 2019	802	13.0	1083.45	10299	53	439.02	1297.0	313.5	81	390.9
*	Sep 2019	696	11.7	1083.00	10261	-38	439.88	1494.1	267.4	93	384.4
	WY 2019	**8877**							**3494.1**		
	Oct 2019	609	9.9	1083.42	10297	36	435.60	1198.0	238.6	74	392.0
	Nov 2019	568	9.5	1084.09	10353	56	435.24	1291.0	220.7	81	388.9
	Dec 2019	352	5.7	1088.59	10736	383	438.28	1213.0	133.4	74	379.4
	Jan 2020	535	8.7	1091.50	10987	251	441.53	1152.1	209.2	70	390.8
	Feb 2020	615	10.7	1092.73	11094	108	443.92	948.0	246.5	57	401.1
	Mar 2020	945	15.4	1090.16	10871	-223	441.68	1117.0	384.4	68	406.9
	Apr 2020	1018	17.1	1085.77	10495	-376	436.03	1365.9	403.3	85	396.2
	May 2020	963	15.7	1081.54	10139	-356	430.80	1480.0	377.0	94	391.5
	Jun 2020	937	15.7	1077.52	9807	-332	426.06	1552.0	361.9	100	386.4
	Jul 2020	806	13.1	1076.65	9735	-72	423.96	1552.0	310.5	100	385.1
	Aug 2020	754	12.3	1077.57	9811	76	424.31	1552.0	288.5	100	382.7
	Sep 2020	688	11.6	1076.67	9737	-74	424.97	1552.0	262.1	100	380.8
	WY 2020	**8788**							**3436.1**		
	Oct 2020	492	8.0	1078.52	9889	152	431.20	1054.0	192.6	67	391.3
	Nov 2020	609	10.2	1078.81	9912	24	434.55	1054.0	239.9	67	393.9
	Dec 2020	506	8.2	1081.25	10115	202	434.02	1066.0	199.5	68	394.6
	Jan 2021	565	9.2	1085.03	10432	318	434.91	1081.0	219.6	68	389.0
	Feb 2021	647	11.7	1086.77	10580	148	437.38	978.1	258.3	61	399.1
	Mar 2021	967	15.7	1085.00	10429	-151	436.15	1087.0	390.0	68	403.1
	Apr 2021	1042	17.5	1081.15	10106	-323	431.17	1334.7	409.6	85	393.1
	May 2021	985	16.0	1077.51	9806	-301	426.51	1458.1	375.8	94	381.7
	Jun 2021	922	15.5	1074.76	9582	-224	422.69	1537.2	352.7	100	382.6
	Jul 2021	831	13.5	1074.75	9581	-1	421.65	1537.1	319.4	100	384.2
	Aug 2021	736	12.0	1076.64	9734	154	422.91	1547.8	279.9	100	380.5
	Sep 2021	704	11.8	1076.35	9711	-24	424.35	1546.1	268.5	100	381.3
	WY 2021	**9006**							**3506.0**		

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

RECLAMATION
Managing Water in the West

October 2019 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Oct 2018	635	10.3	637.08	1540	-21	135.95	184.3	77.8	72	122.4
H	Nov 2018	610	10.3	638.62	1581	40	137.20	158.1	78.4	62	128.4
I	Dec 2018	386	6.3	640.79	1639	58	140.00	153.0	47.3	60	122.5
S	Jan 2019	418	6.8	641.89	1668	30	143.26	159.6	56.8	63	135.8
T	Feb 2019	569	10.2	643.20	1704	36	144.69	209.5	68.8	82	120.9
O	Mar 2019	749	12.2	642.57	1687	-17	140.17	218.8	94.8	86	126.6
R	Apr 2019	886	14.9	642.52	1686	-1	142.03	210.8	111.9	83	126.3
I	May 2019	937	15.2	643.32	1707	22	139.79	238.6	119.5	94	127.6
C	Jun 2019	886	14.9	642.89	1696	-12	140.50	255.0	113.6	100	128.3
A	Jul 2019	895	14.5	643.48	1712	16	142.50	255.0	113.2	100	126.5
L	Aug 2019	800	13.0	642.31	1680	-32	139.60	255.0	101.8	100	127.3
*	Sep 2019	767	12.9	638.35	1573	-107	137.20	255.0	96.0	100	125.1
	WY 2019	**8538**							**1079.9**		
	Oct 2019	600	9.8	638.00	1564	-9	136.42	227.0	73.7	89	122.9
	Nov 2019	511	8.6	639.01	1591	27	137.25	159.8	63.2	63	123.6
	Dec 2019	338	5.5	638.70	1583	-8	139.02	154.7	42.3	61	125.2
	Jan 2020	426	6.9	641.80	1666	83	139.74	156.3	53.6	61	125.9
	Feb 2020	591	10.3	641.80	1666	0	139.83	156.5	74.5	61	126.0
	Mar 2020	882	14.3	643.05	1700	34	138.91	194.1	110.4	76	125.1
	Apr 2020	986	16.6	643.00	1699	-1	138.75	249.9	123.3	98	125.0
	May 2020	929	15.1	643.00	1699	0	139.21	255.0	116.6	100	125.4
	Jun 2020	895	15.0	643.00	1699	0	139.24	255.0	112.3	100	125.4
	Jul 2020	797	13.0	642.00	1671	-27	139.49	255.0	100.1	100	125.7
	Aug 2020	720	11.7	642.00	1671	0	139.46	255.0	90.4	100	125.6
	Sep 2020	712	12.0	640.01	1618	-54	138.37	255.0	88.7	100	124.7
	WY 2020	**8387**							**1049.1**		
	Oct 2020	657	10.7	633.00	1434	-183	134.37	227.0	79.5	89	121.1
	Nov 2020	528	8.9	635.00	1486	51	132.61	159.8	63.1	63	119.5
	Dec 2020	387	6.3	638.71	1583	97	136.64	154.7	47.6	61	123.1
	Jan 2021	456	7.4	641.80	1666	83	139.52	156.3	57.3	61	125.7
	Feb 2021	624	11.2	641.80	1666	0	139.44	156.6	78.4	61	125.6
	Mar 2021	905	14.7	643.05	1700	34	138.78	194.1	113.1	76	125.0
	Apr 2021	1010	17.0	643.00	1699	-1	138.61	249.9	126.1	98	124.9
	May 2021	951	15.5	643.00	1699	0	139.09	255.0	119.2	100	125.3
	Jun 2021	880	14.8	643.00	1699	0	139.32	255.0	110.5	100	125.5
	Jul 2021	822	13.4	642.00	1671	-27	139.33	255.0	103.1	100	125.5
	Aug 2021	702	11.4	642.00	1671	0	139.57	255.0	88.2	100	125.7
	Sep 2021	728	12.2	640.01	1618	-54	138.26	255.0	90.6	100	124.6
	WY 2021	**8649**							**1076.9**		

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October 2019 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Oct 2018	394	6.4	448.12	582	-16	82.83	90.0	27.9	75	70.9
H	Nov 2018	357	6.0	447.99	580	-3	82.25	93.0	26.1	78	73.0
I	Dec 2018	218	3.5	446.53	552	-27	81.03	116.1	12.9	97	59.1
S	Jan 2019	250	4.1	446.58	553	1	82.75	117.1	17.0	98	68.2
T	Feb 2019	372	6.7	447.53	571	18	81.87	95.4	25.5	79	68.6
O	Mar 2019	630	10.2	447.86	577	6	82.11	111.3	44.3	93	70.4
R	Apr 2019	712	12.0	447.29	567	-11	79.40	115.0	49.5	96	69.5
I	May 2019	673	11.3	448.62	592	25	80.51	119.0	48.6	99	72.2
C	Jun 2019	717	12.0	448.47	589	-3	80.43	120.0	50.3	100	70.2
A	Jul 2019	739	12.0	448.12	582	-7	80.11	120.0	51.4	100	69.5
L	Aug 2019	636	10.3	447.22	565	-17	77.13	120.0	44.3	100	69.7
*	Sep 2019	514	8.6	449.03	600	34	83.07	120.0	35.9	100	69.8
	WY 2019	**6211**							**433.7**		
	Oct 2019	449	7.3	447.50	571	-29	77.03	90.0	29.8	75	66.3
	Nov 2019	375	6.3	447.50	571	0	76.14	93.0	24.4	78	65.1
	Dec 2019	291	4.7	446.50	552	-19	74.65	114.2	18.3	95	62.9
	Jan 2020	262	4.3	446.50	552	0	75.07	94.8	16.4	79	62.7
	Feb 2020	431	7.5	446.50	552	0	75.16	93.1	28.0	78	65.1
	Mar 2020	705	11.5	446.70	555	4	74.01	120.0	45.8	100	64.9
	Apr 2020	728	12.2	448.70	593	38	75.08	120.0	47.9	100	65.9
	May 2020	695	11.3	448.70	593	0	76.05	120.0	46.2	100	66.5
	Jun 2020	718	12.1	448.70	593	0	76.05	120.0	47.8	100	66.6
	Jul 2020	677	11.0	448.00	580	-13	75.71	120.0	44.8	100	66.1
	Aug 2020	599	9.7	447.50	571	-9	75.13	120.0	39.2	100	65.5
	Sep 2020	508	8.5	447.50	570	0	74.89	120.0	33.0	100	65.0
	WY 2020	**6439**							**421.8**		
	Oct 2020	486	7.9	447.50	571	0	76.29	90.0	32.1	75	66.1
	Nov 2020	359	6.0	447.50	571	0	76.19	92.0	23.3	77	65.0
	Dec 2020	310	5.0	446.50	552	-19	74.86	109.4	19.7	91	63.3
	Jan 2021	262	4.3	446.50	552	0	75.07	94.8	16.4	79	62.7
	Feb 2021	430	7.7	446.50	552	0	75.21	92.1	28.1	77	65.2
	Mar 2021	704	11.4	446.70	555	4	74.01	120.0	45.7	100	64.9
	Apr 2021	726	12.2	448.70	593	38	75.08	120.0	47.8	100	65.9
	May 2021	694	11.3	448.70	593	0	76.05	120.0	46.1	100	66.5
	Jun 2021	717	12.0	448.70	593	0	76.05	120.0	47.7	100	66.6
	Jul 2021	676	11.0	448.00	580	-13	75.71	120.0	44.7	100	66.1
	Aug 2021	598	9.7	447.50	571	-9	75.13	120.0	39.1	100	65.4
	Sep 2021	508	8.5	447.50	570	0	74.89	120.0	33.0	100	65.0
	WY 2021	**6470**							**423.8**		

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October 2019 24-Month Study

Most Probable Inflow*

Upper Basin Power

	Date	Glen Canyon 1000 MWHR	Flaming Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Reservoir 1000 MWHR	Fontenelle Reservoir 1000 MWHR
*	Oct 2018	268	39	11	19	9	4
H	Nov 2018	248	36	5	4	2	5
I	Dec 2018	313	47	5	6	2	5
S	Jan 2019	335	47	4	6	1	4
T	Feb 2019	302	42	6	8	1	3
O	Mar 2019	325	22	6	9	4	3
	Winter 2019	**1790**	**233**	**36**	**51**	**19**	**24**
R	Apr 2019	294	27	9	14	10	4
I	May 2019	299	38	23	45	21	6
C	Jun 2019	332	82	33	64	22	8
A	Jul 2019	391	39	28	54	23	7
L	Aug 2019	412	42	24	49	22	7
*	Sep 2019	312	44	15	22	18	2
	Summer 2019	**2041**	**273**	**131**	**248**	**115**	**34**
	Oct 2019	269	29	27	31	15	6
	Nov 2019	268	24	24	30	15	5
	Dec 2019	320	42	25	30	15	5
	Jan 2020	323	52	16	20	11	5
	Feb 2020	286	48	15	19	10	4
	Mar 2020	296	57	15	20	11	4
	Winter 2020	**1762**	**253**	**121**	**150**	**77**	**30**
	Apr 2020	266	30	20	28	15	5
	May 2020	269	27	58	82	23	6
	Jun 2020	283	82	10	19	14	9
	Jul 2020	331	32	22	27	15	10
	Aug 2020	367	41	24	29	15	7
	Sep 2020	263	39	24	29	14	2
	Summer 2020	**1779**	**252**	**157**	**214**	**97**	**39**
	Oct 2020	280	27	23	28	14	6
	Nov 2020	279	22	15	18	10	6
	Dec 2020	313	39	24	29	15	5
	Jan 2021	371	46	14	19	10	5
	Feb 2021	322	42	13	16	9	4
	Mar 2021	342	39	0	20	11	4
	Winter 2021	**1906**	**214**	**88**	**131**	**68**	**31**
	Apr 2021	303	38	0	33	18	5
	May 2021	307	35	2	93	23	6
	Jun 2021	333	77	17	28	19	9
	Jul 2021	382	32	23	29	17	10
	Aug 2021	404	42	24	29	15	8
	Sep 2021	300	40	27	33	17	2
	Summer 2021	**1729**	**224**	**66**	**212**	**93**	**37**

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

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Most Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions

Date	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Total KAF	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****CREDITABLE SPACE****										
Oct 2019	412	94	308	11045	11858	17116	28974	412	94	308	814	11045	17116	28974	3040	609	0	31.5
Nov 2019	443	142	325	11220	12130	17080	29210	443	142	325	910	11220	17080	29210	3810	568	0	31.3
Dec 2019	457	188	338	11365	12348	17024	29372	457	188	338	983	11365	17024	29372	4580	352	0	31.3
Jan 2020	531	241	350	11609	12731	16641	29373	531	241	350	1122	11609	16641	29373	5350	535	0	31.3
								****EFFECTIVE SPACE****										
Jan 2020	531	241	350	11609	12731	16641	29373	192	162	350	704	11609	16641	28954	5350	535	0	31.3
Feb 2020	628	266	355	11837	13085	16390	29476	289	187	355	831	11837	16390	29058	1500	615	0	31.1
Mar 2020	714	291	352	11981	13338	16283	29620	375	213	352	939	11981	16283	29203	1500	945	0	30.8
Apr 2020	778	304	334	12049	13465	16506	29971	437	226	334	996	12049	16506	29552	1500	1018	0	30.7
May 2020	743	303	294	11951	13291	16882	30173	394	224	290	908	11951	16882	29742	1500	963	0	31.4
Jun 2020	603	333	191	11089	12217	17238	29455	243	240	147	631	11089	17238	28958	1500	937	0	32.7
Jul 2020	485	132	119	9813	10549	17570	28119	112	24	18	154	9813	17570	27536	1500	806	0	32.7
								****CREDITABLE SPACE****										
Aug 2020	392	101	163	9834	10490	17642	28131	392	101	163	656	9834	17642	28131	1500	754	0	32.3
Sep 2020	440	116	214	10150	10920	17566	28486	440	116	214	771	10150	17566	28486	2270	688	0	31.9
Oct 2020	504	150	308	10220	11181	17640	28821	504	150	308	962	10220	17640	28821	3040	492	0	31.7
Nov 2020	527	188	309	10345	11369	17488	28857	527	188	309	1023	10345	17488	28857	3810	609	0	31.5
Dec 2020	540	205	314	10520	11579	17465	29044	540	205	314	1060	10520	17465	29044	4580	506	0	31.4
Jan 2021	611	258	325	10757	11951	17262	29213	611	258	325	1194	10757	17262	29213	5350	565	0	31.4
								****EFFECTIVE SPACE****										
Jan 2021	611	258	325	10757	11951	17262	29213	321	170	119	610	10757	17262	28629	5350	565	0	31.4
Feb 2021	698	281	338	11116	12433	16945	29377	407	195	131	733	11116	16945	28794	1500	647	0	31.2
Mar 2021	768	300	340	11374	12782	16797	29579	476	215	132	824	11374	16797	28995	1500	967	0	30.9
Apr 2021	777	315	301	11537	12930	16948	29877	482	232	86	799	11537	16948	29284	1500	1042	0	30.9
May 2021	754	321	227	11355	12657	17271	29928	452	234	-12	674	11355	17271	29300	1500	985	0	32.1
Jun 2021	615	345	224	10018	11202	17571	28774	302	244	-55	491	10018	17571	28080	1500	922	0	33.6
Jul 2021	450	165	364	8520	9499	17795	27295	122	42	27	191	8520	17795	26507	1500	831	0	33.7
								****CREDITABLE SPACE****										
Aug 2021	348	124	399	8470	9340	17796	27136	348	124	399	870	8470	17796	27136	1500	736	0	33.4
Sep 2021	387	129	420	8831	9766	17643	27408	387	129	420	935	8831	17643	27408	2270	704	0	33.0

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3103

Processed On: 10/8/2019 10:42:05AM

November 24-Month Study
Date: November 14, 2019

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

Reservoir	October Inflow (unregulated) (acre-feet)	Percent of Average (%)	November 13, Midnight Elevation (feet)	November 13, Midnight Reservoir Storage (acre-feet)
Fontenelle	50,800	104	6,493.05	248,000
Flaming Gorge	52,700	89	6,031.25	3,400,000
Blue Mesa	28,200	75	7,500.11	664,000
Navajo	5,800	12	6,060.78	1,360,000
Powell	264,700	52	3,612.23	12,960,000

Expected Operations

The operation of Lake Powell and Lake Mead in this November 2019 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines), and reflects the 2019 Annual Operating Plan (AOP) and draft 2020 AOP. Pursuant to the Interim Guidelines, the August 2019 24-Month Study projections of the January 1, 2020, system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2020.

The August 2019 24-Month Study projected the January 1, 2020, Lake Powell elevation to be below the 2019 Equalization Elevation of 3,657 feet and above elevation 3,575 feet. Consistent with Section 6.B of the Interim Guidelines, Lake Powell's operations in water year 2020 will be governed by the Upper Elevation Balancing Tier, with an initial water year release volume of 8.23 maf and the potential for an April adjustment to equalization or balancing releases in April 2020. Based on the most probable inflow forecast, this November 24-Month Study projects an annual release of 8.23 maf in water year 2020.

Consistent with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar year 2019.

The August 2019 24-Month Study projected the January 1, 2020, Lake Mead elevation to be above 1,075 feet and below 1,090 feet. Consistent with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar year 2020. In addition, Section III.B of Exhibit 1 to the Lower Basin Drought Contingency Plan (DCP) Agreement will also govern the operation of Lake Mead for calendar year 2020.

The 2020 operational tier determinations for Lake Powell and Lake Mead will be documented in the 2020 AOP, which is currently in development.

The Interim Guidelines are available for download at:
https://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The 2019 AOP is available for download at:
https://www.usbr.gov/lc/region/g4000/aop/AOP19.pdf.
The draft 2020 AOP is available for download at:
https://www.usbr.gov/lc/region/g4000/AOP2020/AOP20_draft.pdf.
The Colorado River DCPs are available for download at:
https://www.usbr.gov/lc/region/programs/dcp.html.

Fontenelle Reservoir – As of November 3, 2019 Fontenelle Reservoir pool elevation is 6493.54 feet, which amounts to 73 percent of live storage capacity. Inflows for the month of October totaled 50,811 acre-feet (af) or 105 percent of average. Releases remain at 1100 cfs and is planned to be 1025 cfs in early November.

The Colorado Basin River Forecast Center has forecasted inflows that are near average. November, December and January inflow volumes amount to 44,000 af (105 percent of average), 33,000 af (103 percent of average), and 32,000 af (106 percent of average), respectively.

The next Fontenelle Working Group meeting is scheduled for April 22, 2020 from 10:00 a.m. to 12:00 p.m. The meeting is planned to held at the 3 Telephone Canyon Road, Green River, WY 82935. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir.

Flaming Gorge Reservoir – As of November 3, 2019, Flaming Gorge Reservoir pool elevation is 6031.17 feet, which amounts to 91 percent of live storage capacity. Inflows for the month of October totaled 69,564 acre-feet (af) or 95 percent of average. Flaming Gorge average daily releases are planned to be increased beginning in the middle of November at 50 cfs per day from the currently daily average of 1,100 cfs to a daily average of 2150 cfs by December 1st.

The November final forecast for unregulated inflows into Flaming Gorge for the next three months projects near average conditions: November, December and January forecasted unregulated inflow volumes at 50,000 af (98 percent of average), 38,000 af (109 percent of average), and 43,000 af (107 percent of average), respectively.

Reclamation is planning to hold the Pre-Flaming Gorge Working Group meeting on March 19, 2020 from 10:00 am to 1:00 pm at the Uintah Conference Center in Vernal UT (313 East 200 South). The Flaming Gorge Working Group meeting to review stakeholders comments and input is scheduled for April 16, 2020 from 10:00 a.m. to 1:00 p.m. at Carbon County Event Center, 450 S Fairgrounds Rd, Price, UT 84501, USA.

The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stakeholders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations and plans presented by Reclamation at these meetings. Meeting notes from past Working Group meetings are posted on the Working Group webpage. For more information on this group and these meetings please contact Dale Hamilton at 801-379-1186.

Aspinall Unit Reservoirs – As of November 6, 2019 releases from Crystal Dam are approximately 1,450 cfs. Uncompahgre Valley Water Users Association has terminated diversions through the Gunnison Tunnel for the 2019 irrigation season. Flows in the Black Canyon are about 1,470 cfs. Releases from Crystal are projected to remain at about this level until November 18th and are projected to be reduced to 1,000 cfs for about 2 weeks. In December releases from Crystal will be increased to about 1,500 cfs.

Blue Mesa did fill this year and achieved a peak elevation on July 25, 2019 of 7519.15 feet above sea level which corresponded to a storage content of 827,000 af (99 percent of full pool). Since this peak filling, Blue Mesa's elevation has declined to 7501.40 feet above sea level on November 6, 2019.

The unregulated inflow volume in September to Blue Mesa was 28.2 kaf (75 percent of average). Unregulated Inflow volumes forecasted for Blue Mesa for the next three months (November, December and January) are projected to be: 29,000 af (93 percent of average), 27,000 af (103 percent of average) and 26,000 af (108 percent of average), respectively. The November 24-Month Study is reflective of these new forecasts. The water year unregulated inflow forecast volume for 2020 is 0.813 maf which is 85 percent of average.

The Aspinall Unit Working Group is an open public forum for information exchange between Reclamation and the stakeholders of the Aspinall Unit. The public is encouraged to attend and comments on the operations and plans presented by Reclamation at these meetings. Meeting notes from past working Group meetings are posted on the Working Group webpage. For more information on this group and these meetings please contact Erik Knight in the Grand Junction Area Office at (970) 248-0629.

Meeting notes from past working Group meetings are posted on the Working Group webpage at:

https://www.usbr.gov/uc/wcao/water/rsvrs/mtgs/amcurrnt.html

The next meeting of the Aspinall Unit Working Group will be held on Thursday, January 23, 2020 at 1:00 pm at the Holiday Inn Express located in Montrose, Colorado.

Navajo Reservoir – On November 12th, the daily average release rate from Navajo Dam was approximately 319 cfs while reservoir inflow (modified unregulated) was averaging approximately 141 cfs. The water surface elevation was 6060.81 feet above sea level. At this elevation the live storage is 1.36 maf (80 percent of live storage capacity) and the active storage is 0.70 maf (67 percent of active storage capacity). NIIP has shut down diversions for the season. The river flow measured at the Animas River at Farmington USGS gage was at 296 cfs. River flow at the San Juan River at Four Corners USGS gage was 600 cfs.

Releases from Navajo Dam are made for authorized purposes of the Navajo Unit and are pursuant to the Record of Decision for the Navajo Reservoir Operations.

Preliminary modified-unregulated inflow into Navajo (inflow adjusted for upstream change in storage, reservoir evaporation and exportation from the basin) in September was 6 kaf (12 percent of average for the month).

Forecast modified-unregulated inflow to Navajo over the next three months (November, December and January) are projected to be: 14 kaf (42 percent of average), 15 kaf (60 percent of average), and 17 kaf (78 percent of average), respectively.

Releases for the fall and winter will be made to target the San Juan River Recovery Implementation Program's recommended baseflow range of 500 cfs to 1000 cfs. Releases will likely range between 300 cfs and 600 cfs for the remainder of the calendar year.

Reclamation conducts Public Operations Meetings three times per year to gather input for determining upcoming operations for Navajo Reservoir. Input from individuals, organizations, and agencies along with other factors such as weather, water rights, endangered species requirements, flood control, hydro power, recreation, fish and wildlife management, and reservoir levels, will be considered in the development of these reservoir operation plans. In addition, the meetings are used to coordinate activities and exchange information among agencies, water users, and other interested parties concerning the San Juan River and Navajo Reservoir. The next Navajo Unit Coordination Meeting will be held Tuesday, January 21, 2020 at 1:00 pm at the Farmington Civic Center (200 West Arrington, Farmington, NM).

Glen Canyon Dam / Lake Powell

Current Status

The unregulated inflow volume to Lake Powell during October was 265 thousand acre-feet (kaf) (52 percent of average). The release volume from Glen Canyon Dam in October was 625 kaf. The end of October elevation and storage of Lake Powell were 3,613 ft (87 feet from full pool) and 13 maf (53 percent of full capacity), respectively.

Current Operations
The operating tier for water year 2020 (September 2019 through October 2020) was established in August 2019 as the Upper Elevation Balancing Tier, consistent with Section 6.B of the Interim Guidelines. Under this Tier the initial annual water year release volume is 8.23 maf, and if the April 2020 24-Month Study projects the end of water year elevation at Lake Powell to be above 3,575 feet, and the end of water year elevation at Lake Mead to be below 1,075 feet. Lake Powell operations will shift to balancing releases for the remainder of water year 2020. If the April 2020 24-Month Study projects the end of water year elevation to be above the 2020 Equalization elevation of 3,657 feet Lake Powell operations will shift to Equalization releases for the remainder of water year 2020. Reclamation will schedule operations at Glen Canyon Dam to achieve as practicably as possible the appropriate total annual release volume by September 30, 2020.

In November, the release volume will be approximately 625 kaf, with fluctuations anticipated between about 7,000 cfs in the nighttime to about 12,640 cfs in the daytime, and consistent with the Glen Canyon Dam, Record of Decision (dated December 2016). The anticipated release volume for December is 750 kaf with daily fluctuations between approximately 7,825 cfs and 14,575 cfs. The expected release for January is 760 kaf.

In addition to daily scheduled fluctuations for power generation, the instantaneous releases from Glen Canyon Dam may also fluctuate to provide 40 megawatts (mw) of system regulation. These instantaneous release adjustments stabilize the electrical generation and transmission system and translate to a range of about 1,200 cfs above or below the hourly scheduled release rate. Under system normal conditions, fluctuations for regulation are typically short lived and generally balance out over the hour with minimal or no noticeable impacts on downstream river flow conditions.

Releases from Glen Canyon Dam can also fluctuate beyond scheduled releases when called upon to respond to unscheduled power outages or power system emergencies. Depending on the severity of the system emergency, the response from Glen Canyon Dam can be significant, within the full range of the operating capacity of the power plant for as long as is necessary to maintain balance in the transmission system. Glen Canyon Dam currently maintains 30 mw (approximately 800 cfs) of generation capacity in reserve in order to respond to a system emergency even when generation rates are already high. System emergencies occur fairly infrequently and typically require small responses from Glen Canyon Dam. However, these responses can have a noticeable impact on the river downstream of Glen Canyon Dam.

Inflow Forecasts and Model Projections
The forecast for water year 2020 unregulated inflow to Lake Powell, issued on November 1, 2019, by the Colorado Basin River Forecast Center, projects that the most probable (median) unregulated inflow volume this year will be 8.77 maf (81 percent of average). There is significant uncertainty regarding this season's snow pack development and resulting runoff into Lake Powell. Reclamation updates the minimum and maximum

probable forecasts four times a year: January, April, August and October. The October forecast ranges from a minimum probable of 6.7 maf (62 percent of average) to a maximum probable of 18 maf (166 percent of average). There is a 10 percent chance that inflows could be higher than the current maximum probable forecast and a 10 percent chance that inflows could be lower than the minimum probable forecast.

Based on the current forecast, the November 24-Month Study projects Lake Powell elevation will end water year 2020 near 3,617.91 feet with approximately 13.5 maf in storage (56 percent of capacity). Note that projections of elevation and storage for water year 2020 have significant uncertainty at this point in the season. Projections of end of water year 2020 elevation and storage using the minimum and maximum probable inflow forecast from October 2019 are 3,595.36 feet (11.31 maf, 47 percent of capacity) and 3,657 feet (18.10 maf, 74 percent of capacity), respectively. Under these scenarios, there is a 10 percent chance that inflows will be higher, resulting in higher elevation and storage, and 10 percent chance that inflows will be lower, resulting in lower elevation and storage. The annual release volume from Lake Powell during water year 2020 is projected to be 8.23 maf under the October most probable scenario, and 9.0 maf under the minimum probable and 11.89 maf under the maximum probable inflow scenarios.

Upper Colorado River Basin Hydrology

Upper Colorado River Basin regularly experiences significant year to year hydrologic variability. During the 20-year period 2000 to 2019, however, the unregulated inflow to Lake Powell, which is a good measure of hydrologic conditions in the Colorado River Basin, was above average in only 4 out of the past 19 years. The period 2000-2019 is the lowest 20-year period since the closure of Glen Canyon Dam in 1963, with an average unregulated inflow of 8.76 maf, or 81 percent of the 30-year average (1981-2010). (For comparison, the 1981-2010 total water year average is 10.83 maf.) The unregulated inflow during the 2000-2019 period has ranged from a low of 2.64 maf (24 percent of average) in water year 2002 to a high of 15.97 maf (147 percent of average) in water year 2011. In water year 2018 unregulated inflow volume to Lake Powell was 4.6 maf (43 percent of average), the third driest year on record above 2002 and 1977. Under the current most probable forecast, the total water year 2020 unregulated inflow to Lake Powell is projected to be 8.77 maf (81 percent of average).

At the beginning of water year 2020, total system storage in the Colorado River Basin was 31.64 maf (53 percent of 59.6 maf total system capacity). This is an increase of 3.64 maf over the total storage at the beginning of water year 2019 when total system storage was 28 maf (47 percent of capacity). Since the beginning of water year 2000, total Colorado Basin storage has experienced year to year increases and decreases in response to wet and dry hydrology, ranging from a high of 94 percent of capacity at the beginning of 2000 to the now current level of 53 percent of capacity at the beginning of water year 2020. Based on current inflow forecasts, the current projected end of water year total Colorado Basin reservoir storage for water year 2020 is approximately 31.2 maf (52 percent of total system capacity). The actual end of water year 2020 system storage may vary from this projection, primarily due to uncertainty regarding this season’s runoff and reservoir inflow.

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-430
125 SOUTH STATE STREET, ROOM 8100
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-3709

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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:		Obs		sep	Forecast		
:	jul	aug	sep	oct	%Avg	nov	dec	jan
GLDA3:Lake Powell	2451	472	143	265	52%:	350/	320/	320/
GBRW4:Fontenelle	184	57	41	51	105%:	44/	33/	32/
GRNU1:Flaming Gorge	227	59	49	53	90%:	50/	38/	43/
BMDC2:Blue Mesa	282	92	32	29	76%:	29/	27/	26/
MPSC2:Morrow Point	295	93	32	29	71%:	31/	29/	28/
CLSC2:Crystal	321	98	36	33	70%:	35/	33/	32/
TPIC2:Taylor Park	47	14.8	7.1	7.4	111%:	6.0/	5.5/	5.5/
VCRC2:Vallecito	69	19.5	8.1	3.6	23%:	3.5/	4/	4.5/
NVRN5:Navajo	171	40	3.4	5.8	12%:	14/	15/	17/
LEMC2:Lemon	19.8	3.7	1.44	0.60	19%:	0.7/	0.7/	0.7/
MPHC2:McPhee	53	11.3	5.8	2.3	26%:	4.0/	4.0/	4.0/
RBSC2:Ridgway	46	17.6	5.8	4.8	62%:	5.0/	4.5/	4.5/
YDLC2:Deerlodge	258	32	12.0	21	61%:	28/	25/	24/
DRGC2:Durango	173	49	19.9	15.2	54%:	13.0/	13.0/	13.0/

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

November 2019 24-Month Study

Most Probable Inflow*

Fontenelle Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Nov 2018	38	1	60	0	60	6488.29	216
H	Dec 2018	30	1	61	1	61	6483.19	184
I	Jan 2019	28	1	61	0	61	6476.81	150
S	Feb 2019	26	0	55	1	56	6470.41	120
T	Mar 2019	37	0	61	0	61	6464.13	95
O	Apr 2019	114	1	71	0	71	6474.10	137
R	May 2019	167	1	98	0	98	6486.46	204
I	Jun 2019	337	2	107	171	278	6494.89	261
C	Jul 2019	184	3	86	39	125	6502.48	317
A	Aug 2019	57	2	74	0	74	6499.98	298
L	Sep 2019	41	2	19	47	66	6496.36	271
	WY 2019	**1101**	**15**	**799**	**278**	**1077**		
*	Oct 2019	51	1	61	7	68	6493.83	253
	Nov 2019	44	1	62	0	62	6491.14	236
	Dec 2019	33	1	63	0	63	6486.43	205
	Jan 2020	32	1	63	0	63	6481.15	173
	Feb 2020	30	1	59	0	59	6475.46	144
	Mar 2020	46	0	65	0	65	6471.22	124
	Apr 2020	75	1	79	0	79	6470.26	120
	May 2020	145	1	88	0	88	6481.62	176
	Jun 2020	285	2	103	55	157	6500.33	301
	Jul 2020	170	3	101	33	134	6504.64	335
	Aug 2020	65	2	80	0	80	6502.39	317
	Sep 2020	45	2	20	52	71	6498.67	289
	WY 2020	**1021**	**15**	**843**	**146**	**989**		
	Oct 2020	48	1	74	0	74	6494.95	262
	Nov 2020	42	1	64	0	64	6491.67	239
	Dec 2020	32	1	66	0	66	6486.36	204
	Jan 2021	30	1	66	0	66	6480.23	168
	Feb 2021	28	0	60	0	60	6473.70	136
	Mar 2021	53	0	69	0	69	6469.93	119
	Apr 2021	85	1	79	0	79	6471.21	124
	May 2021	164	1	93	0	93	6484.62	194
	Jun 2021	299	2	103	82	185	6500.83	305
	Jul 2021	178	3	101	42	143	6504.96	337
	Aug 2021	77	2	82	0	82	6503.94	329
	Sep 2021	46	2	20	58	77	6499.61	296
	WY 2021	**1081**	**15**	**877**	**182**	**1059**		
	Oct 2021	49	1	74	0	74	6496.01	270

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3106

Processed On: 11/12/2019 4:36:58PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

November 2019 24-Month Study

Most Probable Inflow*

Flaming Gorge Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	Nov 2018	41	63	4	93	0	93	133	6029.15	3316	121
H	Dec 2018	29	60	2	124	0	124	131	6027.49	3253	153
I	Jan 2019	34	68	2	124	0	124	129	6026.01	3198	154
S	Feb 2019	34	63	2	112	0	112	127	6024.69	3149	143
T	Mar 2019	74	99	3	58	0	58	128	6025.67	3185	128
O	Apr 2019	240	198	5	71	0	71	133	6028.79	3303	341
R	May 2019	252	183	8	99	0	99	136	6030.71	3376	568
I	Jun 2019	460	400	11	215	100	315	139	6032.55	3448	950
C	Jul 2019	227	169	14	100	0	100	141	6033.89	3502	376
A	Aug 2019	59	76	13	109	0	109	139	6032.79	3458	153
L	Sep 2019	49	74	11	113	0	113	137	6031.57	3410	138
	WY 2019	**1553**	**1529**	**82**	**1315**	**100**	**1415**				**3356**
*	Oct 2019	53	70	7	80	0	80	136	6031.13	3393	112
	Nov 2019	50	68	4	86	0	86	136	6030.59	3372	114
	Dec 2019	38	68	2	132	0	132	133	6028.94	3308	157
	Jan 2020	43	74	2	132	0	132	131	6027.42	3251	156
	Feb 2020	46	75	2	124	0	124	129	6026.12	3202	148
	Mar 2020	95	114	3	101	0	101	129	6026.36	3211	171
	Apr 2020	125	129	5	98	0	98	130	6027.02	3235	298
	May 2020	220	163	8	74	0	74	133	6029.08	3314	594
	Jun 2020	355	227	10	237	0	237	133	6028.59	3295	722
	Jul 2020	200	164	14	87	0	87	135	6030.16	3355	162
	Aug 2020	76	91	13	111	0	111	134	6029.36	3324	132
	Sep 2020	55	81	11	107	0	107	132	6028.43	3289	122
	WY 2020	**1356**	**1324**	**80**	**1370**	**0**	**1370**				**2889**
	Oct 2020	59	85	7	84	0	84	132	6028.25	3282	112
	Nov 2020	51	73	3	83	0	83	132	6027.92	3270	112
	Dec 2020	35	69	2	114	0	114	130	6026.74	3225	139
	Jan 2021	40	76	2	114	0	114	128	6025.72	3187	139
	Feb 2021	45	77	2	103	0	103	127	6024.99	3160	131
	Mar 2021	102	119	3	83	0	83	128	6025.83	3191	160
	Apr 2021	134	127	5	80	0	80	130	6026.92	3232	295
	May 2021	245	175	8	82	0	82	133	6029.06	3313	614
	Jun 2021	390	276	11	217	0	217	135	6030.27	3359	637
	Jul 2021	210	175	14	87	0	87	138	6032.09	3430	188
	Aug 2021	89	94	13	111	0	111	137	6031.37	3402	136
	Sep 2021	55	87	11	107	0	107	136	6030.59	3372	126
	WY 2021	**1454**	**1432**	**81**	**1265**	**0**	**1265**				**2789**
	Oct 2021	59	84	7	84	0	84	135	6030.40	3364	117

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3106

Processed On: 11/12/2019 4:36:58PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

November 2019 24-Month Study

Most Probable Inflow*

Taylor Park Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Nov 2018	3	3	9302.61	59
H	Dec 2018	4	3	9302.74	59
I	Jan 2019	4	3	9302.92	59
S	Feb 2019	3	3	9303.16	60
T	Mar 2019	5	4	9303.75	60
O	Apr 2019	10	7	9306.14	64
R	May 2019	21	26	9302.64	59
I	Jun 2019	68	38	9320.92	89
C	Jul 2019	47	32	9328.49	103
A	Aug 2019	15	24	9323.77	94
L	Sep 2019	7	20	9316.42	81
	WY 2019	**191**	**168**		
*	Oct 2019	7	11	9314.38	77
	Nov 2019	6	6	9314.41	77
	Dec 2019	6	6	9314.02	76
	Jan 2020	6	6	9313.64	76
	Feb 2020	5	6	9313.31	75
	Mar 2020	5	6	9312.61	74
	Apr 2020	7	6	9313.22	75
	May 2020	25	12	9320.65	88
	Jun 2020	38	24	9327.97	102
	Jul 2020	15	24	9323.33	93
	Aug 2020	9	21	9316.74	81
	Sep 2020	7	15	9312.01	73
	WY 2020	**135**	**143**		
	Oct 2020	6	6	9312.27	74
	Nov 2020	5	6	9311.70	73
	Dec 2020	5	6	9310.80	71
	Jan 2021	4	6	9309.67	69
	Feb 2021	4	6	9308.55	68
	Mar 2021	4	6	9307.44	66
	Apr 2021	9	6	9309.22	69
	May 2021	28	15	9317.21	82
	Jun 2021	42	21	9328.24	103
	Jul 2021	20	21	9327.81	102
	Aug 2021	10	21	9322.26	91
	Sep 2021	7	18	9316.36	80
	WY 2021	**145**	**138**		
	Oct 2021	7	6	9316.74	81

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3106

Processed On: 11/12/2019 4:36:58PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

November 2019 24-Month Study

Most Probable Inflow*

Blue Mesa Reservoir

	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Nov 2018	22	21	0	19	0	19	7438.08	250
H	Dec 2018	20	19	0	21	0	21	7437.82	249
I	Jan 2019	20	20	0	17	0	17	7438.40	252
S	Feb 2019	20	20	0	23	0	23	7437.59	248
T	Mar 2019	28	27	0	25	0	25	7438.01	250
O	Apr 2019	121	118	0	33	0	33	7453.91	335
R	May 2019	214	218	1	86	18	105	7471.68	447
I	Jun 2019	471	444	1	124	70	194	7504.14	696
C	Jul 2019	282	266	2	87	51	138	7518.61	823
A	Aug 2019	92	100	1	76	62	137	7514.39	784
L	Sep 2019	32	45	1	45	47	93	7508.84	736
	WY 2019	**1344**	**1320**	**7**	**601**	**260**	**859**		
*	Oct 2019	28	32	1	82	3	85	7502.51	682
	Nov 2019	29	29	0	69	0	69	7497.64	642
	Dec 2019	27	28	0	85	0	85	7490.43	585
	Jan 2020	26	27	0	56	0	56	7486.59	555
	Feb 2020	23	24	0	51	0	51	7482.97	528
	Mar 2020	34	35	0	20	29	49	7480.98	513
	Apr 2020	63	62	1	66	0	66	7480.38	509
	May 2020	170	157	1	201	11	211	7472.59	453
	Jun 2020	235	221	1	39	0	39	7496.70	634
	Jul 2020	90	99	1	76	0	76	7499.34	656
	Aug 2020	51	63	1	77	0	77	7497.48	641
	Sep 2020	37	45	1	71	0	71	7494.09	613
	WY 2020	**813**	**821**	**8**	**892**	**43**	**935**		
	Oct 2020	38	37	1	66	0	66	7490.34	584
	Nov 2020	31	32	0	18	0	18	7492.03	597
	Dec 2020	26	27	0	42	0	42	7490.10	582
	Jan 2021	24	26	0	42	0	42	7487.99	566
	Feb 2021	22	24	0	32	0	32	7486.88	557
	Mar 2021	36	38	0	0	38	38	7486.85	557
	Apr 2021	77	74	1	0	59	59	7488.75	572
	May 2021	221	208	1	6	195	201	7489.51	578
	Jun 2021	261	240	1	41	0	41	7513.33	775
	Jul 2021	117	118	2	90	0	90	7516.27	801
	Aug 2021	63	74	1	99	0	99	7513.34	775
	Sep 2021	38	49	1	86	0	86	7508.90	736
	WY 2021	**954**	**947**	**9**	**524**	**291**	**815**		
	Oct 2021	38	38	1	90	0	90	7502.69	684

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3106

Processed On: 11/12/2019 4:36:58PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

November 2019 24-Month Study

Most Probable Inflow*

Morrow Point Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Nov 2018	23	19	1	20	13	0	15	7143.47	104
H	Dec 2018	21	21	1	22	18	0	18	7147.95	107
I	Jan 2019	21	17	1	17	18	0	18	7147.00	107
S	Feb 2019	20	23	0	24	23	0	23	7147.57	107
T	Mar 2019	29	25	1	26	26	0	26	7146.90	107
O	Apr 2019	136	33	15	47	41	0	41	7155.16	113
R	May 2019	240	105	25	130	127	0	131	7154.68	113
I	Jun 2019	512	194	41	235	186	0	234	7155.10	113
C	Jul 2019	295	138	13	150	151	0	151	7154.18	112
A	Aug 2019	93	137	2	139	137	0	139	7153.99	112
L	Sep 2019	32	93	1	93	60	0	96	7151.09	110
	WY 2019	**1446**	**859**	**102**	**961**	**858**	**0**	**949**		
*	Oct 2019	29	85	1	86	78	0	89	7147.93	107
	Nov 2019	31	69	2	71	71	0	71	7147.94	107
	Dec 2019	29	85	2	87	87	0	87	7147.94	107
	Jan 2020	28	56	2	58	58	0	58	7147.94	107
	Feb 2020	26	51	3	54	54	0	54	7147.94	107
	Mar 2020	38	49	4	53	53	0	53	7147.94	107
	Apr 2020	75	66	12	78	78	0	78	7147.94	107
	May 2020	190	211	20	231	231	0	231	7147.94	107
	Jun 2020	250	39	15	54	54	0	54	7147.94	107
	Jul 2020	95	76	5	81	81	0	81	7147.94	107
	Aug 2020	54	77	3	80	80	0	80	7147.94	107
	Sep 2020	39	71	2	73	73	0	73	7147.94	107
	WY 2020	**884**	**935**	**71**	**1006**	**998**	**0**	**1009**		
	Oct 2020	40	66	2	68	68	0	68	7147.94	107
	Nov 2020	33	18	2	20	20	0	20	7147.94	107
	Dec 2020	28	42	2	44	44	0	44	7147.94	107
	Jan 2021	27	42	2	44	44	0	44	7147.94	107
	Feb 2021	25	32	3	35	35	0	35	7147.94	107
	Mar 2021	40	38	4	42	42	0	42	7147.94	107
	Apr 2021	88	59	11	70	70	0	70	7147.94	107
	May 2021	247	201	26	227	227	0	227	7147.94	107
	Jun 2021	281	41	20	61	61	0	61	7147.94	107
	Jul 2021	123	90	6	96	96	0	96	7147.94	107
	Aug 2021	67	99	3	103	103	0	103	7147.94	107
	Sep 2021	41	86	3	89	89	0	89	7147.94	107
	WY 2021	**1039**	**815**	**84**	**900**	**900**	**0**	**900**		
	Oct 2021	41	90	3	92	92	0	92	7147.94	107

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3106

Processed On: 11/12/2019 4:36:58PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

November 2019 24-Month Study

Most Probable Inflow*

Crystal Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
*	Nov 2018	26	15	4	19	21	0	21	6743.11	14	1	19
H	Dec 2018	25	18	4	22	21	0	22	6745.32	15	0	20
I	Jan 2019	25	18	4	22	19	3	22	6746.57	15	1	20
S	Feb 2019	24	23	3	27	9	17	26	6748.26	16	1	25
T	Mar 2019	34	26	5	32	30	0	30	6752.77	17	0	29
O	Apr 2019	150	41	15	55	55	0	55	6753.29	17	26	29
R	May 2019	264	131	24	155	108	31	153	6759.30	19	47	105
I	Jun 2019	558	234	46	280	115	73	282	6753.12	17	51	231
C	Jul 2019	321	151	26	177	121	57	178	6746.79	15	59	124
A	Aug 2019	98	139	5	144	119	28	147	6733.35	12	64	88
L	Sep 2019	36	96	4	99	94	0	95	6750.61	16	61	36
	WY 2019	**1587**	**949**	**142**	**1091**	**768**	**210**	**1087**			**344**	**750**
*	Oct 2019	33	89	3	92	92	0	92	6749.75	16	64	32
	Nov 2019	35	71	4	75	75	0	75	6749.63	16	0	75
	Dec 2019	33	87	4	91	91	0	91	6749.63	16	0	91
	Jan 2020	32	58	4	62	62	0	62	6749.63	16	0	62
	Feb 2020	30	54	4	58	58	0	58	6749.63	16	0	58
	Mar 2020	46	53	8	61	61	0	61	6749.63	16	5	56
	Apr 2020	86	78	11	89	89	0	89	6749.63	16	42	47
	May 2020	215	231	25	256	136	120	256	6749.63	16	62	194
	Jun 2020	280	54	30	84	84	0	84	6749.63	16	61	23
	Jul 2020	100	81	5	86	86	0	86	6749.63	16	65	21
	Aug 2020	60	80	6	86	86	0	86	6749.63	16	65	21
	Sep 2020	43	73	4	77	77	0	77	6749.63	16	55	22
	WY 2020	**993**	**1009**	**108**	**1117**	**997**	**121**	**1117**			**419**	**702**
	Oct 2020	44	68	5	73	73	0	73	6749.63	16	30	43
	Nov 2020	37	20	4	25	25	0	25	6749.63	16	0	25
	Dec 2020	32	44	5	49	49	0	49	6749.63	16	0	49
	Jan 2021	31	44	5	49	49	0	49	6749.63	16	0	49
	Feb 2021	29	35	4	39	0	39	39	6749.63	16	0	39
	Mar 2021	46	42	6	48	47	1	48	6749.63	16	5	43
	Apr 2021	101	70	12	83	83	0	83	6749.63	16	42	41
	May 2021	281	227	34	261	136	125	261	6749.63	16	62	199
	Jun 2021	315	61	34	95	95	0	95	6749.63	16	61	34
	Jul 2021	138	96	14	111	111	0	111	6749.63	16	65	46
	Aug 2021	75	103	8	111	111	0	111	6749.63	16	65	46
	Sep 2021	47	89	6	95	95	0	95	6749.63	16	55	40
	WY 2021	**1176**	**900**	**138**	**1038**	**873**	**165**	**1038**			**385**	**653**
	Oct 2021	47	92	6	98	98	0	98	6749.63	16	30	68

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3106

Processed On: 11/12/2019 4:36:58PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

November 2019 24-Month Study

Most Probable Inflow*

Vallecito Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Nov 2018	5	0	7621.25	31
H	Dec 2018	3	0	7623.31	34
I	Jan 2019	4	0	7625.50	37
S	Feb 2019	4	0	7627.67	41
T	Mar 2019	6	6	7627.39	40
O	Apr 2019	32	25	7631.32	47
R	May 2019	58	41	7640.08	64
I	Jun 2019	160	101	7664.36	124
C	Jul 2019	69	68	7664.45	124
A	Aug 2019	20	38	7657.21	105
L	Sep 2019	8	33	7646.82	79
	WY 2019	**378**	**316**		
*	Oct 2019	4	13	7643.13	71
	Nov 2019	4	2	7643.55	72
	Dec 2019	4	2	7644.48	74
	Jan 2020	5	2	7645.61	77
	Feb 2020	4	2	7646.56	79
	Mar 2020	5	2	7647.83	82
	Apr 2020	13	2	7652.37	93
	May 2020	45	31	7657.66	106
	Jun 2020	50	43	7660.26	113
	Jul 2020	22	41	7652.38	93
	Aug 2020	15	38	7642.47	70
	Sep 2020	14	29	7635.00	54
	WY 2020	**184**	**206**		
	Oct 2020	14	16	7633.41	51
	Nov 2020	8	2	7636.30	57
	Dec 2020	6	2	7638.48	61
	Jan 2021	5	2	7640.13	65
	Feb 2021	5	2	7641.52	68
	Mar 2021	9	2	7644.49	74
	Apr 2021	23	2	7653.43	96
	May 2021	71	43	7664.04	123
	Jun 2021	70	70	7663.86	123
	Jul 2021	29	42	7658.89	109
	Aug 2021	20	38	7651.56	91
	Sep 2021	17	29	7646.62	79
	WY 2021	**278**	**250**		
	Oct 2021	16	16	7646.17	78

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3106

Processed On: 11/12/2019 4:36:58PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

November 2019 24-Month Study

Most Probable Inflow*

Navajo Reservoir

	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azetea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Farmington Flow (1000 Ac-Ft)
*	Nov 2018	15	0	10	1	0	18	6017.43	888	34
H	Dec 2018	12	0	9	0	0	18	6016.39	879	30
I	Jan 2019	13	0	10	0	0	19	6015.33	869	31
S	Feb 2019	17	0	14	1	1	16	6014.90	865	37
T	Mar 2019	114	1	113	1	4	18	6024.61	955	62
O	Apr 2019	230	24	203	2	20	20	6040.36	1117	102
R	May 2019	270	34	215	3	25	25	6054.45	1279	139
I	Jun 2019	491	57	376	4	36	114	6071.44	1501	386
C	Jul 2019	171	26	141	5	47	59	6073.56	1531	228
A	Aug 2019	40	6	52	4	42	78	6068.40	1459	104
L	Sep 2019	3	0	29	3	29	67	6063.13	1388	71
	WY 2019	**1400**	**150**	**1188**	**26**	**211**	**483**			**1264**
*	Oct 2019	6	0	15	2	6	33	6061.08	1362	46
	Nov 2019	14	0	13	1	0	27	6059.94	1347	40
	Dec 2019	15	0	13	1	0	22	6059.21	1338	35
	Jan 2020	17	0	14	1	0	22	6058.59	1330	35
	Feb 2020	23	0	21	1	0	20	6058.56	1330	32
	Mar 2020	57	3	51	2	6	22	6060.24	1351	39
	Apr 2020	95	9	75	2	21	30	6061.86	1372	65
	May 2020	185	23	148	4	36	31	6067.73	1449	131
	Jun 2020	165	20	138	5	53	30	6071.39	1500	145
	Jul 2020	37	1	55	5	57	31	6068.73	1463	76
	Aug 2020	33	1	55	4	48	39	6066.08	1427	68
	Sep 2020	34	1	48	3	26	60	6062.99	1386	83
	WY 2020	**681**	**58**	**645**	**29**	**253**	**365**			**793**
	Oct 2020	40	2	41	2	9	31	6062.95	1386	53
	Nov 2020	31	0	25	1	0	30	6062.52	1380	46
	Dec 2020	25	0	21	1	0	31	6061.68	1369	46
	Jan 2021	22	0	18	1	0	31	6060.67	1356	44
	Feb 2021	30	0	27	1	0	28	6060.52	1354	40
	Mar 2021	92	9	77	2	6	31	6063.53	1393	53
	Apr 2021	170	21	128	3	22	30	6069.05	1467	82
	May 2021	277	37	212	4	37	178	6068.62	1462	324
	Jun 2021	224	29	195	4	53	272	6058.33	1327	424
	Jul 2021	66	5	74	4	57	43	6055.85	1296	110
	Aug 2021	45	2	61	3	48	31	6054.11	1275	69
	Sep 2021	43	2	53	3	26	30	6053.65	1269	62
	WY 2021	**1066**	**106**	**932**	**28**	**258**	**764**			**1355**
	Oct 2021	47	2	46	2	9	31	6053.99	1273	59

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3106

Processed On: 11/12/2019 4:36:58PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

November 2019 24-Month Study

Most Probable Inflow*

Lake Powell

	Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry Gage (1000 Ac-Ft)
*	Nov 2018	254	307	29	585	77	662	3586.50	4894	10507	669
H	Dec 2018	228	322	22	740	0	740	3581.85	4862	10099	744
I	Jan 2019	212	303	7	804	0	804	3576.34	4824	9629	815
S	Feb 2019	255	339	7	730	0	730	3571.89	4795	9261	741
T	Mar 2019	625	574	11	791	0	791	3569.28	4778	9049	798
O	Apr 2019	1242	899	18	720	0	720	3571.12	4790	9198	734
R	May 2019	2511	1980	23	720	0	720	3584.65	4881	10343	752
I	Jun 2019	4206	3583	41	765	0	765	3611.82	5087	12914	807
C	Jul 2019	2451	2015	57	857	0	857	3621.60	5168	13933	896
A	Aug 2019	472	608	58	900	0	900	3618.55	5143	13610	932
L	Sep 2019	143	379	52	687	0	687	3615.36	5116	13277	703
	WY 2019	**12951**	**11787**	**356**	**8924**	**77**	**9001**				**9242**
*	Oct 2019	265	397	35	625	0	625	3612.99	5096	13034	633
	Nov 2019	350	439	34	625	0	625	3610.99	5080	12830	626
	Dec 2019	320	479	27	750	0	750	3608.24	5058	12554	756
	Jan 2020	320	444	8	760	0	760	3605.20	5034	12253	771
	Feb 2020	360	462	9	675	0	675	3603.10	5018	12049	684
	Mar 2020	550	546	15	700	0	700	3601.49	5005	11892	714
	Apr 2020	810	751	23	630	0	630	3602.43	5012	11983	645
	May 2020	1720	1520	28	630	0	630	3610.51	5076	12781	641
	Jun 2020	2400	2023	47	650	0	650	3622.31	5174	14009	661
	Jul 2020	870	795	58	750	0	750	3622.19	5173	13997	769
	Aug 2020	425	540	58	835	0	835	3619.12	5147	13671	852
	Sep 2020	375	515	53	600	0	600	3617.91	5137	13543	613
	WY 2020	**8765**	**8911**	**394**	**8230**	**0**	**8230**				**8365**
	Oct 2020	484	540	36	640	0	640	3616.71	5127	13417	650
	Nov 2020	460	478	35	640	0	640	3614.95	5113	13235	641
	Dec 2020	363	464	27	720	0	720	3612.39	5091	12972	726
	Jan 2021	361	461	8	860	0	860	3608.66	5061	12596	871
	Feb 2021	393	459	9	750	0	750	3605.86	5039	12318	759
	Mar 2021	665	600	15	800	0	800	3603.83	5023	12119	814
	Apr 2021	1056	886	24	710	0	710	3605.27	5035	12261	725
	May 2021	2343	2134	29	710	0	710	3618.00	5138	13552	721
	Jun 2021	2666	2404	50	750	0	750	3631.64	5257	15038	761
	Jul 2021	1091	980	63	850	0	850	3632.20	5262	15100	869
	Aug 2021	500	593	62	900	0	900	3629.16	5234	14759	917
	Sep 2021	408	523	56	670	0	670	3627.46	5219	14571	684
	WY 2021	**10790**	**10524**	**414**	**9000**	**0**	**9000**				**9138**
	Oct 2021	512	584	39	640	0	640	3626.67	5212	14483	640

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3106

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

November 2019 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

BUREAU OF RECLAMATION

	Date	Glen Release (1000 Ac-Ft)	Side Inflow Glen to Hoover (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Nov 2018	662	67	42	690	11.6	16	689	642	1078.32	9872
H	Dec 2018	740	52	36	468	7.6	11	467	659	1081.46	10132
I	Jan 2019	804	106	30	487	7.9	8	486	682	1085.75	10493
S	Feb 2019	730	126	28	621	11.2	6	620	694	1087.97	10682
T	Mar 2019	791	200	32	738	12.0	13	737	707	1090.24	10878
O	Apr 2019	720	118	39	902	15.2	15	900	700	1088.95	10767
R	May 2019	720	108	45	989	16.1	18	988	686	1086.48	10555
I	Jun 2019	765	69	54	912	15.3	27	911	676	1084.71	10405
C	Jul 2019	857	20	67	946	15.4	33	946	666	1082.82	10246
A	Aug 2019	900	64	71	802	13.0	34	801	669	1083.45	10299
L	Sep 2019	687	60	59	696	11.7	32	690	667	1083.00	10261
	WY 2019	**9001**	**1089**	**547**	**8892**		**235**	**8868**			
*	Oct 2019	625	35	43	626	10.2	26	622	665	1082.61	10228
	Nov 2019	625	54	43	549	9.2	6	549	670	1083.52	10305
	Dec 2019	750	51	37	375	6.1	2	375	693	1087.80	10668
	Jan 2020	760	83	31	527	8.6	9	527	710	1090.81	10927
	Feb 2020	675	91	29	614	10.7	8	614	717	1092.06	11036
	Mar 2020	700	57	32	944	15.3	18	944	703	1089.49	10813
	Apr 2020	630	49	39	1017	17.1	22	1017	678	1085.10	10438
	May 2020	630	30	44	962	15.6	31	962	655	1080.87	10083
	Jun 2020	650	17	53	936	15.7	31	936	634	1076.85	9752
	Jul 2020	750	80	65	806	13.1	34	806	629	1075.99	9681
	Aug 2020	835	100	69	753	12.2	31	753	634	1076.93	9758
	Sep 2020	600	91	57	687	11.6	24	687	630	1076.03	9685
	WY 2020	**8230**	**738**	**542**	**8795**		**244**	**8790**			
	Oct 2020	640	82	42	491	8.0	26	491	639	1077.89	9837
	Nov 2020	640	54	42	608	10.2	18	608	641	1078.20	9862
	Dec 2020	720	51	36	526	8.6	14	526	653	1080.42	10046
	Jan 2021	860	83	30	544	8.8	9	544	675	1084.45	10383
	Feb 2021	750	91	28	647	11.7	9	647	684	1086.19	10531
	Mar 2021	800	57	31	964	15.7	18	964	675	1084.45	10383
	Apr 2021	710	49	38	1039	17.5	23	1039	654	1080.63	10063
	May 2021	710	30	44	981	16.0	32	981	635	1077.02	9766
	Jun 2021	750	17	52	922	15.5	32	922	620	1074.27	9542
	Jul 2021	850	80	65	831	13.5	34	831	620	1074.26	9541
	Aug 2021	900	100	69	746	12.1	32	746	630	1076.04	9685
	Sep 2021	670	91	57	704	11.8	25	704	628	1075.74	9662
	WY 2021	**9000**	**784**	**534**	**9004**		**271**	**9004**			
	Oct 2021	640	0	42	479	7.8	26	479	634	1076.81	9748

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3106

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

November 2019 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Nov 2018	690	-28	11	610	0	610	10.3	638.62	1581
H	Dec 2018	468	-14	9	386	0	386	6.3	640.79	1639
I	Jan 2019	487	-29	10	418	0	418	6.8	641.89	1668
S	Feb 2019	621	-6	10	569	0	569	10.2	643.20	1704
T	Mar 2019	738	7	13	749	0	749	12.2	642.57	1687
O	Apr 2019	902	0	17	886	0	886	14.9	642.52	1686
R	May 2019	989	-9	22	937	0	937	15.2	643.32	1707
I	Jun 2019	912	-12	25	886	0	886	14.9	642.89	1696
C	Jul 2019	946	-11	25	895	0	894	14.5	643.48	1712
A	Aug 2019	802	-11	23	800	0	800	13.0	642.31	1680
L	Sep 2019	696	-17	18	767	0	767	12.9	638.35	1573
	WY 2019	**8892**	**-142**	**198**	**8538**	**0**	**8539**			
*	Oct 2019	626	-24	15	589	0	589	9.6	638.28	1572
	Nov 2019	549	-19	11	500	0	500	8.4	639.01	1591
	Dec 2019	375	-12	9	354	0	354	5.7	639.01	1591
	Jan 2020	527	-16	10	425	0	425	6.9	641.80	1666
	Feb 2020	614	-13	10	591	0	591	10.3	641.80	1666
	Mar 2020	944	-15	13	881	0	881	14.3	643.05	1700
	Apr 2020	1017	-17	17	985	0	985	16.6	643.00	1699
	May 2020	962	-11	22	928	0	928	15.1	643.00	1699
	Jun 2020	936	-16	25	894	0	894	15.0	643.00	1699
	Jul 2020	806	-12	25	796	0	796	12.9	642.00	1671
	Aug 2020	753	-11	23	719	0	719	11.7	642.00	1671
	Sep 2020	687	-12	18	711	0	711	11.9	640.01	1618
	WY 2020	**8795**	**-180**	**198**	**8372**	**0**	**8372**			
	Oct 2020	491	-4	15	656	0	656	10.7	633.00	1434
	Nov 2020	608	-19	10	527	0	527	8.9	635.00	1486
	Dec 2020	526	-12	9	386	0	386	6.3	639.51	1604
	Jan 2021	544	-16	10	456	0	456	7.4	641.80	1666
	Feb 2021	647	-13	10	624	0	624	11.2	641.80	1666
	Mar 2021	964	-15	13	901	0	901	14.7	643.05	1700
	Apr 2021	1039	-17	17	1007	0	1007	16.9	643.00	1699
	May 2021	981	-11	22	948	0	948	15.4	643.00	1699
	Jun 2021	922	-16	25	880	0	880	14.8	643.00	1699
	Jul 2021	831	-12	25	822	0	822	13.4	642.00	1671
	Aug 2021	746	-11	23	712	0	712	11.6	642.00	1671
	Sep 2021	704	-12	18	728	0	728	12.2	640.01	1618
	WY 2021	**9004**	**-159**	**197**	**8647**	**0**	**8647**			
	Oct 2021	479	0	15	648	0	648	10.5	633.00	1434

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3106

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

November 2019 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

BUREAU OF RECLAMATION

	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	Nov 2018	610	16	9	357	6.0	85	173	447.99	580	97	1.6
H	Dec 2018	386	26	7	218	3.5	70	143	446.53	552	105	1.7
I	Jan 2019	418	19	6	250	4.1	87	91	446.58	553	122	2.0
S	Feb 2019	569	13	8	372	6.7	31	151	447.53	571	143	2.6
T	Mar 2019	749	-5	9	630	10.2	11	83	447.86	577	185	3.0
O	Apr 2019	886	6	11	712	12.0	28	144	447.29	567	170	2.9
R	May 2019	937	8	13	693	11.3	51	154	448.62	592	128	2.1
I	Jun 2019	886	11	15	717	12.0	53	104	448.47	589	138	2.3
C	Jul 2019	894	15	17	739	12.0	59	92	448.12	582	146	2.4
A	Aug 2019	800	15	17	636	10.3	67	102	447.22	565	111	1.8
L	Sep 2019	767	26	15	514	8.6	61	160	449.03	600	103	1.7
	WY 2019	**8539**	**174**	**140**	**6231**		**690**	**1571**			**1515**	
*	Oct 2019	589	19	12	430	7.0	30	151	447.77	576	67	1.1
	Nov 2019	500	14	9	353	5.9	14	137	447.50	571	88	1.5
	Dec 2019	354	22	7	295	4.8	42	46	446.50	552	83	1.4
	Jan 2020	425	18	6	262	4.3	95	76	446.50	552	122	2.0
	Feb 2020	591	11	8	431	7.5	85	71	446.50	552	148	2.6
	Mar 2020	881	5	9	705	11.5	18	142	446.70	555	186	3.0
	Apr 2020	985	12	11	728	12.2	74	136	448.70	593	172	2.9
	May 2020	928	13	13	695	11.3	77	144	448.70	593	116	1.9
	Jun 2020	894	11	16	718	12.1	74	84	448.70	593	124	2.1
	Jul 2020	796	19	17	677	11.0	77	44	448.00	580	131	2.1
	Aug 2020	719	20	17	599	9.7	77	44	447.50	571	102	1.7
	Sep 2020	711	14	15	508	8.5	74	117	447.50	570	93	1.6
	WY 2020	**8372**	**177**	**140**	**6403**		**736**	**1192**			**1432**	
	Oct 2020	656	24	12	486	7.9	30	144	447.50	571	63	1.0
	Nov 2020	527	14	9	359	6.0	29	139	447.50	571	96	1.6
	Dec 2020	386	22	7	310	5.0	30	75	446.50	552	106	1.7
	Jan 2021	456	18	6	262	4.3	100	102	446.50	552	122	2.0
	Feb 2021	624	11	8	430	7.7	90	100	446.50	552	148	2.7
	Mar 2021	901	5	9	704	11.4	23	158	446.70	555	186	3.0
	Apr 2021	1007	12	11	726	12.2	80	153	448.70	593	172	2.9
	May 2021	948	13	13	694	11.3	83	158	448.70	593	116	1.9
	Jun 2021	880	11	16	717	12.0	80	65	448.70	593	124	2.1
	Jul 2021	822	19	17	676	11.0	83	65	448.00	580	131	2.1
	Aug 2021	712	20	17	598	9.7	83	32	447.50	571	102	1.7
	Sep 2021	728	14	15	508	8.5	80	129	447.50	570	93	1.6
	WY 2021	**8647**	**182**	**139**	**6470**		**793**	**1319**			**1459**	
	Oct 2021	648	0	12	474	7.7	36	119	447.50	571	63	1.0

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3106

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

November 2019 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Nov 2018	690	11.6	1078.32	9872	-16	434.47	755.0	266.1	49	385.8
H	Dec 2018	453	7.6	1081.46	10132	260	438.59	959.9	179.6	61	396.6
I	Jan 2019	487	7.9	1085.75	10493	361	442.10	1006.1	183.4	63	376.8
S	Feb 2019	621	11.2	1087.97	10682	189	443.82	1119.0	246.4	70	396.7
T	Mar 2019	738	12.0	1090.24	10878	195	444.26	1112.0	295.7	70	400.6
O	Apr 2019	902	15.2	1088.95	10767	-111	439.99	810.1	365.4	51	405.2
R	May 2019	989	16.1	1086.48	10555	-211	440.79	803.9	398.2	51	402.5
I	Jun 2019	912	15.3	1084.71	10405	-150	439.38	1591.0	359.0	100	393.7
C	Jul 2019	946	15.4	1082.82	10246	-159	435.56	1486.0	371.7	93	392.7
A	Aug 2019	802	13.0	1083.45	10299	53	439.02	1297.0	313.5	81	390.9
L	Sep 2019	696	11.7	1083.00	10261	-38	439.88	1494.1	267.4	93	384.4
	WY 2019	**8877**							**3494.1**		
*	Oct 2019	626	10.2	1082.61	10228	-33	439.17	1198.0	241.9	74	386.2
	Nov 2019	549	9.2	1083.52	10305	76	435.14	1192.0	212.9	75	388.1
	Dec 2019	375	6.1	1087.80	10668	363	437.50	1213.0	143.6	74	382.6
	Jan 2020	527	8.6	1090.81	10927	259	440.70	1152.1	204.9	70	389.2
	Feb 2020	614	10.7	1092.06	11036	109	443.24	948.0	245.8	57	400.5
	Mar 2020	944	15.3	1089.49	10813	-222	441.02	1117.0	383.4	68	406.2
	Apr 2020	1017	17.1	1085.10	10438	-375	435.36	1365.9	402.3	85	395.5
	May 2020	962	15.6	1080.87	10083	-355	430.13	1480.0	376.0	94	390.8
	Jun 2020	936	15.7	1076.85	9752	-331	425.40	1552.0	361.0	100	385.8
	Jul 2020	806	13.1	1075.99	9681	-71	423.30	1552.0	309.7	100	384.5
	Aug 2020	753	12.2	1076.93	9758	77	423.66	1552.0	287.7	100	382.1
	Sep 2020	687	11.6	1076.03	9685	-73	424.33	1552.0	261.4	100	380.2
	WY 2020	**8795**							**3430.6**		
	Oct 2020	491	8.0	1077.89	9837	153	430.57	1054.0	192.0	67	390.7
	Nov 2020	608	10.2	1078.20	9862	25	433.93	1054.0	239.2	67	393.3
	Dec 2020	526	8.6	1080.42	10046	184	433.05	1066.0	201.8	68	383.7
	Jan 2021	544	8.8	1084.45	10383	337	433.94	1081.0	210.0	68	386.2
	Feb 2021	647	11.7	1086.19	10531	148	436.80	978.1	258.0	61	398.6
	Mar 2021	964	15.7	1084.45	10383	-147	432.48	1554.1	378.3	97	392.5
	Apr 2021	1039	17.5	1080.63	10063	-320	430.64	1330.8	407.6	85	392.4
	May 2021	981	16.0	1077.02	9766	-298	426.01	1453.9	380.7	94	388.0
	Jun 2021	922	15.5	1074.27	9542	-224	422.21	1532.6	352.3	100	382.2
	Jul 2021	831	13.5	1074.26	9541	-1	421.17	1532.6	319.0	100	383.8
	Aug 2021	746	12.1	1076.04	9685	144	422.37	1542.6	284.0	100	380.6
	Sep 2021	704	11.8	1075.74	9662	-24	423.75	1541.0	268.2	100	380.8
	WY 2021	**9004**							**3491.2**		
	Oct 2021	479	7.8	1076.81	9748	87	429.89	1043.9	186.6	67	389.2

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3106

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

November 2019 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Nov 2018	610	10.3	638.62	1581	40	137.20	158.1	78.4	62	128.4
H	Dec 2018	386	6.3	640.79	1639	58	140.00	153.0	47.3	60	122.5
I	Jan 2019	418	6.8	641.89	1668	30	143.26	159.6	56.8	63	135.8
S	Feb 2019	569	10.2	643.20	1704	36	144.69	209.5	68.8	82	120.9
T	Mar 2019	749	12.2	642.57	1687	-17	140.17	218.8	94.8	86	126.6
O	Apr 2019	886	14.9	642.52	1686	-1	142.03	210.8	111.9	83	126.3
R	May 2019	937	15.2	643.32	1707	22	139.79	238.6	119.5	94	127.6
I	Jun 2019	886	14.9	642.89	1696	-12	140.50	255.0	113.6	100	128.3
C	Jul 2019	895	14.5	643.48	1712	16	142.50	255.0	113.2	100	126.5
A	Aug 2019	800	13.0	642.31	1680	-32	139.60	255.0	101.8	100	127.3
L	Sep 2019	767	12.9	638.35	1573	-107	137.20	255.0	96.0	100	125.1
	WY 2019	**8538**							**1079.9**		
*	Oct 2019	589	9.6	638.28	1572	-2	138.85	243.5	73.2	95	124.4
	Nov 2019	500	8.4	639.01	1591	19	137.47	153.0	61.9	60	123.9
	Dec 2019	354	5.7	639.01	1591	0	139.04	156.3	44.3	61	125.3
	Jan 2020	425	6.9	641.80	1666	75	139.89	156.3	53.6	61	126.0
	Feb 2020	591	10.3	641.80	1666	0	139.83	156.5	74.4	61	126.0
	Mar 2020	881	14.3	643.05	1700	34	138.91	194.1	110.3	76	125.2
	Apr 2020	985	16.6	643.00	1699	-1	138.75	249.9	123.2	98	125.0
	May 2020	928	15.1	643.00	1699	0	139.22	255.0	116.4	100	125.4
	Jun 2020	894	15.0	643.00	1699	0	139.24	255.0	112.2	100	125.4
	Jul 2020	796	12.9	642.00	1671	-27	139.49	255.0	100.0	100	125.7
	Aug 2020	719	11.7	642.00	1671	0	139.47	255.0	90.3	100	125.7
	Sep 2020	711	11.9	640.01	1618	-54	138.38	255.0	88.6	100	124.7
	WY 2020	**8372**							**1048.4**		
	Oct 2020	656	10.7	633.00	1434	-183	134.37	227.0	79.4	89	121.1
	Nov 2020	527	8.9	635.00	1486	51	132.62	159.8	63.0	63	119.5
	Dec 2020	386	6.3	639.51	1604	118	137.04	154.7	47.6	61	123.5
	Jan 2021	456	7.4	641.80	1666	62	139.92	156.3	57.4	61	126.1
	Feb 2021	624	11.2	641.80	1666	0	139.44	156.6	78.4	61	125.6
	Mar 2021	901	14.7	643.05	1700	34	138.80	194.1	112.7	76	125.0
	Apr 2021	1007	16.9	643.00	1699	-1	138.63	249.9	125.7	98	124.9
	May 2021	948	15.4	643.00	1699	0	139.11	255.0	118.8	100	125.3
	Jun 2021	880	14.8	643.00	1699	0	139.32	255.0	110.5	100	125.5
	Jul 2021	822	13.4	642.00	1671	-27	139.33	255.0	103.1	100	125.5
	Aug 2021	712	11.6	642.00	1671	0	139.50	255.0	89.5	100	125.7
	Sep 2021	728	12.2	640.01	1618	-54	138.26	255.0	90.6	100	124.6
	WY 2021	**8647**							**1076.9**		
	Oct 2021	648	10.5	633.00	1434	-183	134.43	227.0	78.5	89	121.1

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3106

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

November 2019 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Nov 2018	357	6.0	447.99	580	-3	82.25	93.0	26.1	78	73.0
H	Dec 2018	218	3.5	446.53	552	-27	81.03	116.1	12.9	97	59.1
I	Jan 2019	250	4.1	446.58	553	1	82.75	117.1	17.0	98	68.2
S	Feb 2019	372	6.7	447.53	571	18	81.87	95.4	25.5	79	68.6
T	Mar 2019	630	10.2	447.86	577	6	82.11	111.3	44.3	93	70.4
O	Apr 2019	712	12.0	447.29	567	-11	79.40	115.0	49.5	96	69.5
R	May 2019	673	11.3	448.62	592	25	80.51	119.0	48.6	99	72.2
I	Jun 2019	717	12.0	448.47	589	-3	80.43	120.0	50.3	100	70.2
C	Jul 2019	739	12.0	448.12	582	-7	80.11	120.0	51.4	100	69.5
A	Aug 2019	636	10.3	447.22	565	-17	77.13	120.0	44.3	100	69.7
L	Sep 2019	514	8.6	449.03	600	34	83.07	120.0	35.9	100	69.8
	WY 2019	**6211**							**433.7**		
*	Oct 2019	430	7.0	447.77	576	-24	83.21	90.0	30.2	75	70.1
	Nov 2019	353	5.9	447.50	571	-5	76.27	93.0	23.0	78	65.0
	Dec 2019	295	4.8	446.50	552	-19	74.65	114.2	18.6	95	62.9
	Jan 2020	262	4.3	446.50	552	0	75.07	94.8	16.4	79	62.7
	Feb 2020	431	7.5	446.50	552	0	75.16	93.1	28.0	78	65.1
	Mar 2020	705	11.5	446.70	555	4	74.01	120.0	45.8	100	64.9
	Apr 2020	728	12.2	448.70	593	38	75.08	120.0	47.9	100	65.9
	May 2020	695	11.3	448.70	593	0	76.05	120.0	46.2	100	66.5
	Jun 2020	718	12.1	448.70	593	0	76.05	120.0	47.8	100	66.6
	Jul 2020	677	11.0	448.00	580	-13	75.71	120.0	44.8	100	66.1
	Aug 2020	599	9.7	447.50	571	-9	75.13	120.0	39.2	100	65.5
	Sep 2020	508	8.5	447.50	570	0	74.89	120.0	33.0	100	65.0
	WY 2020	**6403**							**421.0**		
	Oct 2020	486	7.9	447.50	571	0	76.29	90.0	32.1	75	66.1
	Nov 2020	359	6.0	447.50	571	0	76.19	92.0	23.3	77	65.0
	Dec 2020	310	5.0	446.50	552	-19	74.86	109.4	19.7	91	63.3
	Jan 2021	262	4.3	446.50	552	0	75.07	94.8	16.4	79	62.7
	Feb 2021	430	7.7	446.50	552	0	75.21	92.1	28.1	77	65.2
	Mar 2021	704	11.4	446.70	555	4	74.01	120.0	45.7	100	64.9
	Apr 2021	726	12.2	448.70	593	38	75.08	120.0	47.8	100	65.9
	May 2021	694	11.3	448.70	593	0	76.05	120.0	46.1	100	66.5
	Jun 2021	717	12.0	448.70	593	0	76.05	120.0	47.7	100	66.6
	Jul 2021	676	11.0	448.00	580	-13	75.71	120.0	44.7	100	66.1
	Aug 2021	598	9.7	447.50	571	-9	75.13	120.0	39.1	100	65.4
	Sep 2021	508	8.5	447.50	570	0	74.89	120.0	33.0	100	65.0
	WY 2021	**6470**							**423.8**		
	Oct 2021	474	7.7	447.50	571	0	76.14	92.9	31.2	77	65.8

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3106

Processed On: 11/12/2019 4:36:58PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

November 2019 24-Month Study

Most Probable Inflow*

Upper Basin Power

	Date	Glen Canyon 1000 MWHR	Flaming Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Reservoir 1000 MWHR	Fontenelle Reservoir 1000 MWHR
*	Nov 2018	248	36	5	4	2	5
H	Dec 2018	313	47	5	6	2	5
I	Jan 2019	335	47	4	6	1	4
S	Feb 2019	302	42	6	8	1	3
T	Mar 2019	325	22	6	9	4	3
	Winter 2019	**1790**	**233**	**36**	**51**	**19**	**24**
O	Apr 2019	294	27	9	14	10	4
R	May 2019	299	38	23	45	21	6
I	Jun 2019	332	82	33	64	22	8
C	Jul 2019	391	39	28	54	23	7
A	Aug 2019	412	42	24	49	22	7
L	Sep 2019	312	44	15	22	18	2
	Summer 2019	**2041**	**273**	**131**	**248**	**115**	**34**
*	Oct 2019	281	31	26	27	18	5
	Nov 2019	268	32	21	25	13	5
	Dec 2019	319	49	25	31	15	5
	Jan 2020	322	48	17	21	11	5
	Feb 2020	284	45	15	19	10	4
	Mar 2020	294	37	6	19	10	4
	Winter 2020	**1767**	**242**	**109**	**142**	**77**	**29**
	Apr 2020	264	36	19	28	15	5
	May 2020	266	27	57	82	23	6
	Jun 2020	281	87	11	19	14	9
	Jul 2020	328	32	23	29	15	10
	Aug 2020	364	41	23	28	15	8
	Sep 2020	260	39	21	26	13	2
	Summer 2020	**1763**	**262**	**155**	**213**	**95**	**39**
	Oct 2020	277	31	20	24	13	7
	Nov 2020	276	30	5	7	4	6
	Dec 2020	309	42	12	16	8	5
	Jan 2021	366	42	12	16	8	5
	Feb 2021	318	37	10	12	0	4
	Mar 2021	337	30	0	15	8	5
	Winter 2021	**1883**	**212**	**60**	**90**	**41**	**32**
	Apr 2021	298	29	0	25	14	5
	May 2021	303	30	2	81	23	7
	Jun 2021	328	80	13	22	16	9
	Jul 2021	378	32	28	34	19	10
	Aug 2021	399	41	31	36	19	8
	Sep 2021	296	39	27	32	16	2
	Summer 2021	**1706**	**212**	**74**	**198**	**91**	**38**
	Oct 2021	282	31	28	33	17	7

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3106

Processed On: 11/12/2019 4:36:58PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

November 2019 24-Month Study

Most Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions

Date	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Total KAF	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****CREDITABLE SPACE****										
Nov 2019	447	147	334	11288	12217	17149	29366	447	147	334	929	11288	17149	29366	3810	549	0	31.1
Dec 2019	487	187	349	11492	12515	17072	29588	487	187	349	1023	11492	17072	29588	4580	375	0	31.0
Jan 2020	581	245	358	11768	12952	16709	29662	581	245	358	1184	11768	16709	29662	5350	527	0	30.9
								****EFFECTIVE SPACE****										
Jan 2020	581	245	358	11768	12952	16709	29662	231	93	317	641	11768	16709	29118	5350	527	0	30.9
Feb 2020	670	274	366	12069	13379	16450	29829	320	123	324	767	12069	16450	29286	1500	614	0	30.7
Mar 2020	748	302	366	12273	13690	16341	30031	397	151	324	872	12273	16341	29487	1500	944	0	30.4
Apr 2020	759	316	345	12430	13850	16564	30414	404	166	295	865	12430	16564	29859	1500	1017	0	30.2
May 2020	738	321	324	12339	13722	16939	30661	377	169	250	796	12339	16939	30074	1500	962	0	30.8
Jun 2020	604	376	247	11541	12768	17294	30062	231	210	133	574	11541	17294	29408	1500	936	0	32.0
Jul 2020	498	195	196	10313	11202	17625	28827	113	14	25	151	10313	17625	28089	1500	806	0	32.0
								****CREDITABLE SPACE****										
Aug 2020	404	174	233	10325	11136	17696	28832	404	174	233	811	10325	17696	28832	1500	753	0	31.6
Sep 2020	453	189	269	10651	11561	17619	29180	453	189	269	910	10651	17619	29180	2270	687	0	31.2
Oct 2020	516	216	310	10779	11821	17692	29513	516	216	310	1042	10779	17692	29513	3040	491	0	31.0
Nov 2020	550	246	310	10905	12011	17540	29550	550	246	310	1106	10905	17540	29550	3810	608	0	30.8
Dec 2020	585	232	316	11087	12220	17515	29735	585	232	316	1133	11087	17515	29735	4580	526	0	30.7
Jan 2021	665	247	327	11350	12588	17331	29920	665	247	327	1239	11350	17331	29920	5350	544	0	30.7
								****EFFECTIVE SPACE****										
Jan 2021	665	247	327	11350	12588	17331	29920	399	247	119	766	11350	17331	29447	5350	544	0	30.7
Feb 2021	739	264	340	11726	13069	16994	30063	472	264	132	868	11726	16994	29588	1500	647	0	30.5
Mar 2021	799	272	342	12004	13416	16846	30263	531	272	133	935	12004	16846	29786	1500	964	0	30.2
Apr 2021	784	272	303	12203	13562	16994	30555	511	272	86	870	12203	16994	30066	1500	1039	0	30.2
May 2021	738	258	229	12061	13286	17314	30599	458	258	-12	704	12061	17314	30079	1500	981	0	31.4
Jun 2021	588	252	234	10770	11844	17611	29455	295	247	-47	495	10770	17611	28877	1500	922	0	32.9
Jul 2021	430	54	369	9284	10138	17835	27973	123	27	31	180	9284	17835	27300	1500	831	0	33.0
								****CREDITABLE SPACE****										
Aug 2021	326	28	400	9222	9976	17836	27812	326	28	400	755	9222	17836	27812	1500	746	0	32.7
Sep 2021	362	54	421	9563	10401	17692	28093	362	54	421	838	9563	17692	28093	2270	704	0	32.3
Oct 2021	426	93	427	9751	10698	17715	28413	426	93	427	947	9751	17715	28413	3040	479	0	32.0

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3106

Processed On: 11/12/2019 4:36:58PM

To: All Annual Operating Plan Recipients

From: Lower Colorado Region
Boulder Canyon Operations Office
Michael Bernardo, P.E.
P.O. Box 61470
Boulder City, NV 89006-1470
Phone: 702-293-8111

BUREAU OF RECLAMATION

The operation of Lake Powell and Lake Mead in this December 2019 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines), and reflects the 2019 Annual Operating Plan (AOP) and draft 2020 AOP. Pursuant to the Interim Guidelines, the August 2019 24-Month Study projections of the January 1, 2020, system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2020.

The August 2019 24-Month Study projected the January 1, 2020, Lake Powell elevation to be below the 2019 Equalization Elevation of 3,657 feet and above elevation 3,575 feet. Consistent with Section 6.B of the Interim Guidelines, Lake Powell's operations in water year 2020 will be governed by the Upper Elevation Balancing Tier, with an initial water year release volume of 8.23 maf and the potential for an April adjustment to equalization or balancing releases in April 2020. Based on the most probable inflow forecast, this December 24-Month Study projects an annual release of 8.23 maf in water year 2020.

Consistent with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar years 2019 and 2020. In addition, Section III.B of Exhibit 1 to the Lower Basin Drought Contingency Plan (DCP) Agreement will also govern the operation of Lake Mead for calendar year 2020.

The 2020 operational tier determinations for Lake Powell and Lake Mead will be documented in the 2020 AOP, which is in the final stage of development.

The Interim Guidelines are available for download at:
https://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The 2019 AOP is available for download at:
https://www.usbr.gov/lc/region/g4000/aop/AOP19.pdf.
The draft 2020 AOP is available for download at:
https://www.usbr.gov/lc/region/g4000/AOP2020/AOP20_draft.pdf.
The Colorado River DCPs are available for download at:
https://www.usbr.gov/lc/region/programs/dcp.html.

Current runoff projections into Lake Powell are provided by the National Weather Service's Colorado Basin River Forecast Center and are as follows: Observed unregulated inflow into Lake Powell for the month of November was 0.402 maf or 85 percent of the 30-year average from 1981 to 2010. The December unregulated inflow forecast for Lake Powell is 0.330 maf or 91 percent of the 30-year average. The observed 2019 April through July unregulated inflow is 10.410 maf or 145 percent of average.

In this study, the calendar year 2019 diversion for Metropolitan Water District of Southern California (MWD) is forecasted to be 0.536 maf. The calendar year 2019 diversion for the Central Arizona Project (CAP) is forecasted to be 1.429 maf. Consumptive use for Nevada above Hoover (SNWP Use) is forecasted to be 0.237 maf for calendar year 2019.

Due to changing Lake Mead elevations, Hoover's generator capacity is adjusted based on estimated effective capacity and plant availability. The estimated effective capacity is based on projected Lake Mead elevations. Unit capacity tests will be performed as the lake elevation changes. This study reflects these changes in the projections.

Hoover, Davis, and Parker historical gross energy figures come from PO&M reports provided by the Lower Colorado Region's Power Office, Bureau of Reclamation, Boulder City, Nevada. Questions regarding these historical energy numbers can be directed to Colleen Dwyer at (702) 293-8420.

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

December 2019 24-Month Study

Most Probable Inflow*

Fontenelle Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Dec 2018	30	1	61	1	61	6483.19	184
H	Jan 2019	28	1	61	0	61	6476.81	150
I	Feb 2019	26	0	55	1	56	6470.41	120
S	Mar 2019	37	0	61	0	61	6464.13	95
T	Apr 2019	114	1	71	0	71	6474.10	137
O	May 2019	167	1	98	0	98	6486.46	204
R	Jun 2019	337	2	107	171	278	6494.89	261
I	Jul 2019	184	3	86	39	125	6502.48	317
C	Aug 2019	57	2	74	0	74	6499.98	298
A	Sep 2019	41	2	19	47	66	6496.36	271
	WY 2019	**1101**	**15**	**799**	**278**	**1077**		
L	Oct 2019	51	1	61	7	68	6493.83	253
*	Nov 2019	47	1	63	0	63	6491.39	236
	Dec 2019	35	1	65	0	65	6486.76	207
	Jan 2020	32	1	65	0	65	6481.26	174
	Feb 2020	30	1	60	0	60	6475.28	143
	Mar 2020	46	0	66	0	66	6470.83	123
	Apr 2020	75	1	79	0	79	6469.86	119
	May 2020	135	1	88	0	88	6479.54	164
	Jun 2020	255	2	102	26	128	6498.75	290
	Jul 2020	155	3	103	18	120	6502.96	322
	Aug 2020	65	2	80	0	80	6500.68	304
	Sep 2020	45	2	20	51	71	6496.88	276
	WY 2020	**971**	**15**	**851**	**101**	**952**		
	Oct 2020	48	1	74	0	74	6493.09	249
	Nov 2020	42	1	64	0	64	6489.62	226
	Dec 2020	32	1	66	0	66	6484.26	191
	Jan 2021	30	1	66	0	66	6477.74	155
	Feb 2021	28	0	60	0	60	6470.80	123
	Mar 2021	53	0	69	0	69	6466.77	106
	Apr 2021	85	1	79	0	79	6468.14	111
	May 2021	164	1	93	0	93	6482.46	181
	Jun 2021	299	2	103	83	185	6499.14	292
	Jul 2021	178	3	102	40	143	6503.35	325
	Aug 2021	77	2	82	0	82	6502.32	317
	Sep 2021	46	2	20	58	77	6497.90	283
	WY 2021	**1081**	**15**	**878**	**181**	**1059**		
	Oct 2021	49	1	74	0	74	6494.24	257
	Nov 2021	42	1	60	0	60	6491.63	239

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3107

Processed On: 12/11/2019 9:41:04AM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

December 2019 24-Month Study

Most Probable Inflow*

Flaming Gorge Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	Dec 2018	29	60	2	124	0	124	131	6027.49	3253	153
H	Jan 2019	34	68	2	124	0	124	129	6026.01	3198	154
I	Feb 2019	34	63	2	112	0	112	127	6024.69	3149	143
S	Mar 2019	74	99	3	58	0	58	128	6025.67	3185	128
T	Apr 2019	240	198	5	71	0	71	133	6028.79	3303	341
O	May 2019	252	183	8	99	0	99	136	6030.71	3376	568
R	Jun 2019	460	400	11	215	100	315	139	6032.55	3448	950
I	Jul 2019	227	169	14	100	0	100	141	6033.89	3502	376
C	Aug 2019	59	76	13	109	0	109	139	6032.79	3458	151
A	Sep 2019	49	74	11	113	0	113	137	6031.57	3410	134
	WY 2019	**1553**	**1529**	**82**	**1315**	**100**	**1415**				**3351**
L	Oct 2019	53	70	7	80	0	80	136	6031.13	3393	109
*	Nov 2019	64	80	4	81	0	81	136	6031.01	3388	115
	Dec 2019	40	70	2	132	0	132	134	6029.42	3327	157
	Jan 2020	43	76	2	132	0	132	132	6027.95	3271	156
	Feb 2020	46	76	2	124	0	124	130	6026.69	3223	148
	Mar 2020	95	115	3	114	0	114	130	6026.64	3221	184
	Apr 2020	125	129	5	110	0	110	130	6026.99	3234	290
	May 2020	210	163	8	74	0	74	133	6029.06	3313	554
	Jun 2020	330	203	10	267	0	267	130	6027.15	3240	727
	Jul 2020	190	155	13	78	0	78	133	6028.77	3302	153
	Aug 2020	76	91	13	92	0	92	132	6028.43	3289	113
	Sep 2020	55	81	11	89	0	89	132	6027.95	3271	104
	WY 2020	**1327**	**1308**	**80**	**1373**	**0**	**1373**				**2810**
	Oct 2020	59	85	7	66	0	66	132	6028.24	3282	94
	Nov 2020	51	73	3	70	0	70	132	6028.24	3282	99
	Dec 2020	35	69	2	108	0	108	130	6027.21	3243	133
	Jan 2021	40	76	2	108	0	108	129	6026.36	3211	133
	Feb 2021	45	77	2	97	0	97	128	6025.78	3189	125
	Mar 2021	102	119	3	101	0	101	129	6026.14	3203	178
	Apr 2021	134	127	5	98	0	98	130	6026.77	3226	313
	May 2021	245	175	8	83	0	83	133	6028.90	3307	615
	Jun 2021	390	276	10	237	93	330	131	6027.25	3244	750
	Jul 2021	210	175	13	92	0	92	133	6029.01	3311	192
	Aug 2021	89	94	13	111	0	111	132	6028.28	3283	136
	Sep 2021	55	87	11	107	0	107	131	6027.48	3253	126
	WY 2021	**1454**	**1432**	**80**	**1278**	**93**	**1371**				**2895**
	Oct 2021	59	84	7	80	0	80	131	6027.40	3250	113
	Nov 2021	51	69	3	78	0	78	130	6027.07	3237	110

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3107

Processed On: 12/11/2019 9:41:04AM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

December 2019 24-Month Study

Most Probable Inflow*

Taylor Park Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Dec 2018	4	3	9302.74	59
H	Jan 2019	4	3	9302.92	59
I	Feb 2019	3	3	9303.16	60
S	Mar 2019	5	4	9303.75	60
T	Apr 2019	10	7	9306.14	64
O	May 2019	21	26	9302.64	59
R	Jun 2019	68	38	9320.92	89
I	Jul 2019	47	32	9328.49	103
C	Aug 2019	15	24	9323.77	94
A	Sep 2019	7	20	9316.42	81
	WY 2019	**191**	**168**		
L	Oct 2019	7	11	9314.38	77
*	Nov 2019	5	6	9313.69	76
	Dec 2019	5	6	9312.70	74
	Jan 2020	5	6	9311.69	73
	Feb 2020	4	6	9310.73	71
	Mar 2020	4	6	9309.38	69
	Apr 2020	7	6	9310.01	70
	May 2020	22	12	9316.04	80
	Jun 2020	38	24	9323.75	94
	Jul 2020	15	24	9318.88	85
	Aug 2020	8	21	9311.26	72
	Sep 2020	6	15	9305.46	63
	WY 2020	**125**	**143**		
	Oct 2020	6	6	9305.35	63
	Nov 2020	5	6	9304.56	62
	Dec 2020	5	6	9303.55	60
	Jan 2021	4	6	9302.28	58
	Feb 2021	4	6	9301.03	57
	Mar 2021	4	6	9299.78	55
	Apr 2021	9	6	9301.79	58
	May 2021	28	15	9310.63	71
	Jun 2021	42	21	9322.53	92
	Jul 2021	20	21	9322.07	91
	Aug 2021	10	21	9316.12	80
	Sep 2021	7	18	9309.71	69
	WY 2021	**144**	**138**		
	Oct 2021	7	6	9310.12	70
	Nov 2021	5	6	9309.56	69

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3107

Processed On: 12/11/2019 9:41:04AM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

December 2019 24-Month Study

Most Probable Inflow*

Blue Mesa Reservoir

	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Dec 2018	20	19	0	21	0	21	7437.82	249
H	Jan 2019	20	20	0	17	0	17	7438.40	252
I	Feb 2019	20	20	0	23	0	23	7437.59	248
S	Mar 2019	28	27	0	25	0	25	7438.01	250
T	Apr 2019	121	118	0	33	0	33	7453.91	335
O	May 2019	214	218	1	86	18	105	7471.68	447
R	Jun 2019	471	444	1	124	70	194	7504.14	696
I	Jul 2019	282	266	2	87	51	138	7518.61	823
C	Aug 2019	92	100	1	76	62	137	7514.39	784
A	Sep 2019	32	45	1	45	47	93	7508.84	736
	WY 2019	**1344**	**1320**	**7**	**601**	**260**	**859**		
L	Oct 2019	28	32	1	82	3	85	7502.51	682
*	Nov 2019	31	32	0	72	0	72	7497.65	642
	Dec 2019	26	28	0	78	0	78	7491.33	592
	Jan 2020	25	27	0	58	0	58	7487.20	560
	Feb 2020	23	25	0	40	0	40	7485.13	544
	Mar 2020	34	36	0	21	23	43	7484.15	537
	Apr 2020	60	59	1	64	0	64	7483.41	531
	May 2020	160	150	1	202	10	212	7474.72	468
	Jun 2020	235	221	1	41	0	41	7498.30	647
	Jul 2020	90	99	1	74	0	74	7501.20	671
	Aug 2020	51	64	1	77	0	77	7499.48	657
	Sep 2020	37	46	1	72	0	72	7496.22	631
	WY 2020	**800**	**818**	**8**	**879**	**36**	**915**		
	Oct 2020	38	38	1	67	0	67	7492.45	601
	Nov 2020	31	32	0	21	0	21	7493.84	612
	Dec 2020	26	27	0	48	0	48	7491.20	591
	Jan 2021	24	26	0	42	0	42	7489.10	574
	Feb 2021	22	24	0	33	0	33	7487.94	565
	Mar 2021	36	38	0	0	37	37	7488.04	566
	Apr 2021	77	74	1	0	58	58	7490.10	582
	May 2021	221	208	1	6	196	202	7490.65	586
	Jun 2021	261	240	1	42	0	42	7514.30	784
	Jul 2021	117	118	2	87	0	87	7517.55	813
	Aug 2021	63	74	1	99	0	99	7514.71	787
	Sep 2021	38	49	1	86	0	86	7510.33	749
	WY 2021	**954**	**948**	**9**	**530**	**290**	**821**		
	Oct 2021	38	38	1	90	0	90	7504.17	696
	Nov 2021	31	32	0	58	0	58	7501.02	670

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3107

Processed On: 12/11/2019 9:41:04AM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

December 2019 24-Month Study

Most Probable Inflow*

Morrow Point Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Dec 2018	21	21	1	22	18	0	18	7147.95	107
H	Jan 2019	21	17	1	17	18	0	18	7147.00	107
I	Feb 2019	20	23	0	24	23	0	23	7147.57	107
S	Mar 2019	29	25	1	26	26	0	26	7146.90	107
T	Apr 2019	136	33	15	47	41	0	41	7155.16	113
O	May 2019	240	105	25	130	127	0	131	7154.68	113
R	Jun 2019	512	194	41	235	186	0	234	7155.10	113
I	Jul 2019	295	138	13	150	151	0	151	7154.18	112
C	Aug 2019	93	137	2	139	137	0	139	7153.99	112
A	Sep 2019	32	93	1	93	60	0	96	7151.09	110
	WY 2019	**1446**	**859**	**102**	**961**	**858**	**0**	**949**		
L	Oct 2019	29	85	1	86	78	0	89	7147.93	107
*	Nov 2019	32	72	1	72	71	0	71	7149.15	108
	Dec 2019	28	78	2	80	81	0	81	7147.94	107
	Jan 2020	27	58	2	60	60	0	60	7147.94	107
	Feb 2020	26	40	3	43	43	0	43	7147.94	107
	Mar 2020	38	43	4	47	47	0	47	7147.94	107
	Apr 2020	70	64	10	74	74	0	74	7147.94	107
	May 2020	180	212	20	232	232	0	232	7147.94	107
	Jun 2020	250	41	15	56	56	0	56	7147.94	107
	Jul 2020	95	74	5	79	79	0	79	7147.94	107
	Aug 2020	54	77	3	80	80	0	80	7147.94	107
	Sep 2020	39	72	2	74	74	0	74	7147.94	107
	WY 2020	**868**	**915**	**68**	**983**	**974**	**0**	**985**		
	Oct 2020	40	67	2	69	69	0	69	7147.94	107
	Nov 2020	33	21	2	23	23	0	23	7147.94	107
	Dec 2020	28	48	2	50	50	0	50	7147.94	107
	Jan 2021	27	42	2	44	44	0	44	7147.94	107
	Feb 2021	25	33	3	35	35	0	35	7147.94	107
	Mar 2021	40	37	4	41	41	0	41	7147.94	107
	Apr 2021	88	58	11	69	69	0	69	7147.94	107
	May 2021	247	202	26	228	228	0	228	7147.94	107
	Jun 2021	281	42	20	62	62	0	62	7147.94	107
	Jul 2021	123	87	6	93	93	0	93	7147.94	107
	Aug 2021	67	99	3	102	102	0	102	7147.94	107
	Sep 2021	41	86	3	89	89	0	89	7147.94	107
	WY 2021	**1039**	**821**	**84**	**905**	**905**	**0**	**905**		
	Oct 2021	41	90	3	92	92	0	92	7147.94	107
	Nov 2021	33	58	2	60	60	0	60	7147.94	107

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3107

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

December 2019 24-Month Study

Most Probable Inflow*

Crystal Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
*	Dec 2018	25	18	4	22	21	0	22	6745.32	15	0	20
H	Jan 2019	25	18	4	22	19	3	22	6746.57	15	1	20
I	Feb 2019	24	23	3	27	9	17	26	6748.26	16	1	25
S	Mar 2019	34	26	5	32	30	0	30	6752.77	17	0	29
T	Apr 2019	150	41	15	55	55	0	55	6753.29	17	26	29
O	May 2019	264	131	24	155	108	31	153	6759.30	19	47	105
R	Jun 2019	558	234	46	280	115	73	282	6753.12	17	51	231
I	Jul 2019	321	151	26	177	121	57	178	6746.79	15	59	124
C	Aug 2019	98	139	5	144	119	28	147	6733.35	12	64	87
A	Sep 2019	36	96	4	99	94	0	95	6750.61	16	61	33
	WY 2019	**1587**	**949**	**142**	**1091**	**768**	**210**	**1087**			**344**	**747**
L	Oct 2019	33	89	3	92	92	0	92	6749.75	16	64	29
*	Nov 2019	35	71	4	75	76	0	76	6746.90	15	2	72
	Dec 2019	32	81	4	85	84	0	84	6749.63	16	0	84
	Jan 2020	31	60	4	64	64	0	64	6749.63	16	0	64
	Feb 2020	29	43	3	46	46	0	46	6749.63	16	0	46
	Mar 2020	44	47	6	53	53	0	53	6749.63	16	5	48
	Apr 2020	83	74	13	87	87	0	87	6749.63	16	42	45
	May 2020	205	232	25	257	136	121	257	6749.63	16	62	195
	Jun 2020	280	56	30	86	86	0	86	6749.63	16	61	25
	Jul 2020	100	79	5	84	84	0	84	6749.63	16	65	19
	Aug 2020	60	80	6	86	86	0	86	6749.63	16	65	21
	Sep 2020	43	74	4	78	78	0	78	6749.63	16	55	23
	WY 2020	**975**	**985**	**107**	**1093**	**971**	**121**	**1093**			**420**	**671**
	Oct 2020	44	69	5	74	74	0	74	6749.63	16	30	44
	Nov 2020	37	23	4	27	27	0	27	6749.63	16	0	27
	Dec 2020	32	50	5	55	55	0	55	6749.63	16	0	55
	Jan 2021	31	44	5	49	49	0	49	6749.63	16	0	49
	Feb 2021	29	35	4	39	0	39	39	6749.63	16	0	39
	Mar 2021	46	41	6	47	47	0	47	6749.63	16	5	42
	Apr 2021	101	69	12	81	81	0	81	6749.63	16	42	39
	May 2021	281	228	34	263	136	126	263	6749.63	16	62	201
	Jun 2021	315	62	34	96	96	0	96	6749.63	16	61	35
	Jul 2021	138	93	14	108	108	0	108	6749.63	16	65	43
	Aug 2021	75	102	8	110	110	0	110	6749.63	16	65	45
	Sep 2021	47	89	6	95	95	0	95	6749.63	16	55	40
	WY 2021	**1176**	**905**	**138**	**1043**	**877**	**166**	**1043**			**385**	**658**
	Oct 2021	47	92	6	98	98	0	98	6749.63	16	30	68
	Nov 2021	38	60	5	65	65	0	65	6749.63	16	0	65

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3107

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

December 2019 24-Month Study

Most Probable Inflow*

Vallecito Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Dec 2018	3	0	7623.31	34
H	Jan 2019	4	0	7625.50	37
I	Feb 2019	4	0	7627.67	41
S	Mar 2019	6	6	7627.39	40
T	Apr 2019	32	25	7631.32	47
O	May 2019	58	41	7640.08	64
R	Jun 2019	160	101	7664.36	124
I	Jul 2019	69	68	7664.45	124
C	Aug 2019	20	38	7657.21	105
A	Sep 2019	8	33	7646.82	79
	WY 2019	**378**	**316**		
L	Oct 2019	4	13	7643.13	71
*	Nov 2019	4	2	7644.14	73
	Dec 2019	4	2	7644.85	75
	Jan 2020	4	2	7645.54	77
	Feb 2020	3	2	7646.06	78
	Mar 2020	4	2	7646.91	80
	Apr 2020	13	2	7651.48	91
	May 2020	48	31	7657.99	107
	Jun 2020	58	43	7663.59	122
	Jul 2020	24	41	7656.70	104
	Aug 2020	15	38	7647.23	81
	Sep 2020	14	29	7640.26	65
	WY 2020	**194**	**206**		
	Oct 2020	14	16	7638.81	62
	Nov 2020	8	2	7641.45	68
	Dec 2020	6	2	7643.46	72
	Jan 2021	5	2	7645.01	75
	Feb 2021	5	2	7646.31	78
	Mar 2021	9	2	7649.11	85
	Apr 2021	23	2	7657.67	106
	May 2021	71	54	7664.04	123
	Jun 2021	70	70	7663.86	123
	Jul 2021	29	42	7658.89	109
	Aug 2021	20	38	7651.56	91
	Sep 2021	17	30	7646.30	78
	WY 2021	**278**	**261**		
	Oct 2021	16	17	7645.53	77
	Nov 2021	9	2	7648.19	83

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3107

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

December 2019 24-Month Study

Most Probable Inflow*

Navajo Reservoir

	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azetea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Farmington Flow (1000 Ac-Ft)
*	Dec 2018	12	0	9	0	0	18	6016.39	879	30
H	Jan 2019	13	0	10	0	0	19	6015.33	869	31
I	Feb 2019	17	0	14	1	1	16	6014.90	865	37
S	Mar 2019	114	1	113	1	4	18	6024.61	955	62
T	Apr 2019	230	24	203	2	20	20	6040.36	1117	102
O	May 2019	270	34	215	3	25	25	6054.45	1279	139
R	Jun 2019	491	57	376	4	36	114	6071.44	1501	386
I	Jul 2019	171	26	142	5	47	60	6073.56	1531	228
C	Aug 2019	40	6	52	4	42	78	6068.40	1459	104
A	Sep 2019	3	0	29	3	29	67	6063.13	1388	71
	WY 2019	**1401**	**150**	**1188**	**26**	**211**	**483**			**1264**
L	Oct 2019	6	0	15	2	6	33	6061.08	1362	46
*	Nov 2019	15	0	12	1	0	25	6060.04	1348	45
	Dec 2019	15	0	13	1	0	23	6059.24	1338	34
	Jan 2020	16	0	14	1	0	22	6058.62	1330	32
	Feb 2020	20	0	19	1	0	20	6058.43	1328	29
	Mar 2020	55	3	50	2	6	22	6060.05	1348	37
	Apr 2020	105	11	83	3	21	30	6062.33	1378	65
	May 2020	195	24	154	4	36	31	6068.58	1461	131
	Jun 2020	180	22	143	5	53	30	6072.55	1516	145
	Jul 2020	37	1	53	5	57	31	6069.76	1477	76
	Aug 2020	33	1	55	4	48	45	6066.69	1435	74
	Sep 2020	34	1	48	3	26	68	6063.01	1387	91
	WY 2020	**711**	**64**	**659**	**29**	**253**	**378**			**805**
	Oct 2020	40	2	41	2	9	31	6062.97	1386	53
	Nov 2020	31	0	25	1	0	30	6062.54	1380	46
	Dec 2020	25	0	21	1	0	31	6061.70	1370	46
	Jan 2021	22	0	18	1	0	31	6060.68	1357	44
	Feb 2021	30	0	27	1	0	28	6060.54	1355	40
	Mar 2021	92	9	77	2	6	31	6063.54	1394	53
	Apr 2021	170	21	128	3	22	30	6069.07	1468	82
	May 2021	277	37	223	4	37	187	6068.77	1464	333
	Jun 2021	224	29	195	4	53	277	6058.09	1324	428
	Jul 2021	66	5	74	4	57	47	6055.29	1289	114
	Aug 2021	45	2	61	3	48	31	6053.54	1268	69
	Sep 2021	43	2	54	3	26	30	6053.14	1263	62
	WY 2021	**1066**	**106**	**943**	**28**	**258**	**781**			**1373**
	Oct 2021	47	2	46	2	9	31	6053.55	1268	59
	Nov 2021	34	0	27	1	0	30	6053.24	1264	48

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

December 2019 24-Month Study

Most Probable Inflow*

Lake Powell

	Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry Gage (1000 Ac-Ft)
*	Dec 2018	228	322	22	740	0	740	3581.85	4862	10099	744
H	Jan 2019	212	303	7	804	0	804	3576.34	4824	9629	815
I	Feb 2019	255	339	7	730	0	730	3571.89	4795	9261	741
S	Mar 2019	625	574	11	791	0	791	3569.28	4778	9049	798
T	Apr 2019	1242	899	18	720	0	720	3571.12	4790	9198	734
O	May 2019	2511	1980	23	720	0	720	3584.65	4881	10343	752
R	Jun 2019	4206	3583	41	765	0	765	3611.82	5087	12914	807
I	Jul 2019	2451	2015	57	857	0	857	3621.60	5168	13933	896
C	Aug 2019	472	608	58	900	0	900	3618.55	5143	13610	932
A	Sep 2019	143	379	52	687	0	687	3615.36	5116	13277	703
	WY 2019	**12951**	**11787**	**356**	**8924**	**77**	**9001**				**9242**
L	Oct 2019	265	397	35	625	0	625	3612.99	5096	13034	633
*	Nov 2019	403	466	34	625	0	625	3611.23	5082	12855	630
	Dec 2019	330	482	27	750	0	750	3608.51	5060	12581	756
	Jan 2020	320	448	8	760	0	760	3605.52	5036	12285	771
	Feb 2020	360	455	9	675	0	675	3603.36	5020	12073	684
	Mar 2020	550	554	15	700	0	700	3601.81	5008	11924	714
	Apr 2020	810	756	23	630	0	630	3602.80	5015	12019	645
	May 2020	1500	1312	28	630	0	630	3608.95	5064	12625	641
	Jun 2020	2150	1818	46	650	0	650	3619.05	5147	13663	661
	Jul 2020	840	763	57	750	0	750	3618.67	5144	13623	769
	Aug 2020	400	503	56	835	0	835	3615.22	5115	13263	852
	Sep 2020	375	505	51	599	0	599	3613.91	5104	13128	613
	WY 2020	**8303**	**8458**	**389**	**8230**	**0**	**8230**				**8368**
	Oct 2020	484	523	35	640	0	640	3612.53	5093	12987	650
	Nov 2020	460	468	34	640	0	640	3610.65	5077	12796	641
	Dec 2020	363	463	27	720	0	720	3608.04	5056	12534	726
	Jan 2021	361	455	8	860	0	860	3604.16	5026	12152	871
	Feb 2021	393	454	9	750	0	750	3601.25	5003	11870	759
	Mar 2021	665	618	14	800	0	800	3599.34	4989	11688	814
	Apr 2021	1056	903	23	710	0	710	3600.99	5001	11845	725
	May 2021	2343	2145	28	710	0	710	3614.10	5105	13147	721
	Jun 2021	2666	2523	49	750	0	750	3629.02	5233	14743	761
	Jul 2021	1091	986	61	850	0	850	3629.64	5239	14812	869
	Aug 2021	500	593	61	900	0	900	3626.56	5211	14472	917
	Sep 2021	408	523	55	670	0	670	3624.85	5196	14284	684
	WY 2021	**10790**	**10653**	**404**	**9000**	**0**	**9000**				**9138**
	Oct 2021	512	580	38	640	0	640	3624.02	5189	14194	650
	Nov 2021	473	523	36	640	0	640	3622.70	5178	14052	641

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3107

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

December 2019 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

BUREAU OF RECLAMATION

	Date	Glen Release (1000 Ac-Ft)	Side Inflow Glen to Hoover (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Dec 2018	740	52	36	468	7.6	11	467	659	1081.46	10132
H	Jan 2019	804	106	30	487	7.9	8	486	682	1085.75	10493
I	Feb 2019	730	126	28	621	11.2	6	620	694	1087.97	10682
S	Mar 2019	791	200	32	738	12.0	13	737	707	1090.24	10878
T	Apr 2019	720	118	39	902	15.2	15	900	700	1088.95	10767
O	May 2019	720	108	45	989	16.1	18	988	686	1086.48	10555
R	Jun 2019	765	69	54	912	15.3	27	911	676	1084.71	10405
I	Jul 2019	857	20	67	946	15.4	33	946	666	1082.82	10246
C	Aug 2019	900	64	71	802	13.0	34	801	669	1083.45	10299
A	Sep 2019	687	58	59	696	11.7	30	690	667	1083.00	10261
	WY 2019	**9001**	**1087**	**547**	**8892**		**234**	**8868**			
L	Oct 2019	625	34	43	626	10.2	25	621	665	1082.61	10228
*	Nov 2019	625	117	40	575	9.7	14	561	672	1083.85	10333
	Dec 2019	750	51	37	225	3.7	14	225	704	1089.63	10825
	Jan 2020	760	83	31	466	7.6	9	466	724	1093.27	11142
	Feb 2020	675	91	29	533	9.3	8	533	736	1095.37	11326
	Mar 2020	700	57	32	1017	16.5	18	1017	717	1092.04	11034
	Apr 2020	630	49	40	1022	17.2	22	1022	692	1087.63	10654
	May 2020	630	30	45	967	15.7	31	967	669	1083.39	10293
	Jun 2020	650	17	53	941	15.8	31	941	647	1079.35	9957
	Jul 2020	750	80	66	811	13.2	34	811	642	1078.42	9881
	Aug 2020	835	100	70	758	12.3	31	758	647	1079.28	9952
	Sep 2020	599	91	58	693	11.6	24	693	642	1078.32	9873
	WY 2020	**8230**	**800**	**544**	**8635**		**262**	**8615**			
	Oct 2020	640	82	42	496	8.1	26	496	651	1080.11	10020
	Nov 2020	640	54	42	613	10.3	18	613	653	1080.34	10040
	Dec 2020	720	51	37	531	8.6	14	531	664	1082.48	10218
	Jan 2021	860	83	30	544	8.8	9	544	686	1086.48	10555
	Feb 2021	750	91	28	647	11.7	9	647	696	1088.21	10703
	Mar 2021	800	57	32	964	15.7	18	964	686	1086.48	10555
	Apr 2021	710	49	39	1039	17.5	23	1039	665	1082.69	10235
	May 2021	710	30	44	981	16.0	32	981	646	1079.11	9937
	Jun 2021	750	17	53	922	15.5	32	922	631	1076.37	9713
	Jul 2021	850	80	65	831	13.5	34	831	631	1076.36	9711
	Aug 2021	900	100	70	746	12.1	32	746	641	1078.11	9855
	Sep 2021	670	91	58	704	11.8	25	704	639	1077.81	9831
	WY 2021	**9000**	**784**	**539**	**9020**		**271**	**9020**			
	Oct 2021	640	82	42	471	7.7	26	471	650	1079.89	10002
	Nov 2021	640	54	42	593	10.0	18	593	653	1080.35	10040

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3107

Processed On: 12/11/2019 9:41:04AM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

December 2019 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

BUREAU OF RECLAMATION

	Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Dec 2018	468	-14	9	386	0	386	6.3	640.79	1639
H	Jan 2019	487	-29	10	418	0	418	6.8	641.89	1668
I	Feb 2019	621	-6	10	569	0	569	10.2	643.20	1704
S	Mar 2019	738	7	13	749	0	749	12.2	642.57	1687
T	Apr 2019	902	0	17	886	0	886	14.9	642.52	1686
O	May 2019	989	-9	22	937	0	937	15.2	643.32	1707
R	Jun 2019	912	-12	25	886	0	886	14.9	642.89	1696
I	Jul 2019	946	-11	25	895	0	894	14.5	643.48	1712
C	Aug 2019	802	-11	23	800	0	800	13.0	642.31	1680
A	Sep 2019	696	-17	18	767	0	767	12.9	638.35	1573
	WY 2019	**8892**	**-142**	**198**	**8538**	**0**	**8539**			
L	Oct 2019	626	-24	15	589	0	589	9.6	638.28	1572
*	Nov 2019	575	-4	11	457	0	457	7.7	642.13	1675
	Dec 2019	225	-12	9	266	0	266	4.3	639.81	1612
	Jan 2020	466	-16	10	386	0	386	6.3	641.80	1666
	Feb 2020	533	-13	10	510	0	510	8.9	641.80	1666
	Mar 2020	1017	-15	13	955	0	955	15.5	643.05	1700
	Apr 2020	1022	-17	17	990	0	990	16.6	643.00	1699
	May 2020	967	-11	22	934	0	934	15.2	643.00	1699
	Jun 2020	941	-16	25	899	0	899	15.1	643.00	1699
	Jul 2020	811	-12	25	801	0	801	13.0	642.00	1671
	Aug 2020	758	-11	23	724	0	724	11.8	642.00	1671
	Sep 2020	693	-12	18	716	0	716	12.0	640.01	1618
	WY 2020	**8635**	**-165**	**198**	**8227**	**0**	**8227**			
	Oct 2020	496	-4	15	661	0	661	10.8	633.00	1434
	Nov 2020	613	-19	10	533	0	533	9.0	635.00	1486
	Dec 2020	531	-12	9	391	0	391	6.4	639.51	1604
	Jan 2021	544	-16	10	456	0	456	7.4	641.80	1666
	Feb 2021	647	-13	10	624	0	624	11.2	641.80	1666
	Mar 2021	964	-15	13	901	0	901	14.7	643.05	1700
	Apr 2021	1039	-17	17	1007	0	1007	16.9	643.00	1699
	May 2021	981	-11	22	948	0	948	15.4	643.00	1699
	Jun 2021	922	-16	25	880	0	880	14.8	643.00	1699
	Jul 2021	831	-12	25	822	0	822	13.4	642.00	1671
	Aug 2021	746	-11	23	712	0	712	11.6	642.00	1671
	Sep 2021	704	-12	18	728	0	728	12.2	640.01	1618
	WY 2021	**9020**	**-159**	**197**	**8662**	**0**	**8662**			
	Oct 2021	471	-4	15	635	0	635	10.3	633.00	1434
	Nov 2021	593	-19	10	513	0	513	8.6	635.00	1486

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3107

Processed On: 12/11/2019 9:41:04AM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

December 2019 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

BUREAU OF RECLAMATION

	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	Dec 2018	386	26	7	218	3.5	70	143	446.53	552	105	1.7
H	Jan 2019	418	19	6	250	4.1	87	91	446.58	553	122	2.0
I	Feb 2019	569	13	8	372	6.7	31	151	447.53	571	143	2.6
S	Mar 2019	749	-5	9	630	10.2	11	83	447.86	577	185	3.0
T	Apr 2019	886	6	11	712	12.0	28	144	447.29	567	170	2.9
O	May 2019	937	8	13	693	11.3	51	154	448.62	592	128	2.1
R	Jun 2019	886	11	15	717	12.0	53	104	448.47	589	138	2.3
I	Jul 2019	894	15	17	739	12.0	59	92	448.12	582	146	2.4
C	Aug 2019	800	15	17	636	10.3	67	102	447.22	565	111	1.8
A	Sep 2019	767	26	15	514	8.6	61	160	449.03	600	103	1.7
	WY 2019	**8539**	**173**	**140**	**6231**		**690**	**1571**			**1515**	
L	Oct 2019	589	18	12	430	7.0	30	151	447.77	576	68	1.1
*	Nov 2019	457	23	9	300	5.0	16	125	449.10	601	133	2.2
	Dec 2019	266	22	7	212	3.5	42	72	446.50	552	83	1.4
	Jan 2020	386	18	6	262	4.3	57	74	446.50	552	122	2.0
	Feb 2020	510	11	8	431	7.5	6	70	446.50	552	148	2.6
	Mar 2020	955	5	9	705	11.5	90	143	446.70	555	186	3.0
	Apr 2020	990	12	11	728	12.2	79	136	448.70	593	172	2.9
	May 2020	934	13	13	695	11.3	82	144	448.70	593	116	1.9
	Jun 2020	899	11	16	718	12.1	79	84	448.70	593	124	2.1
	Jul 2020	801	19	17	677	11.0	82	45	448.00	580	131	2.1
	Aug 2020	724	20	17	599	9.7	82	45	447.50	571	102	1.7
	Sep 2020	716	14	15	508	8.5	79	117	447.50	570	93	1.6
	WY 2020	**8227**	**186**	**140**	**6266**		**723**	**1206**			**1478**	
	Oct 2020	661	24	12	486	7.9	35	145	447.50	571	63	1.0
	Nov 2020	533	14	9	359	6.0	34	139	447.50	571	96	1.6
	Dec 2020	391	22	7	310	5.0	35	75	446.50	552	106	1.7
	Jan 2021	456	18	6	262	4.3	100	102	446.50	552	122	2.0
	Feb 2021	624	11	8	430	7.7	90	100	446.50	552	148	2.7
	Mar 2021	901	5	9	704	11.4	23	158	446.70	555	186	3.0
	Apr 2021	1007	12	11	726	12.2	80	153	448.70	593	172	2.9
	May 2021	948	13	13	694	11.3	83	158	448.70	593	116	1.9
	Jun 2021	880	11	16	717	12.0	80	65	448.70	593	124	2.1
	Jul 2021	822	19	17	676	11.0	83	65	448.00	580	131	2.1
	Aug 2021	712	20	17	598	9.7	83	32	447.50	571	102	1.7
	Sep 2021	728	14	15	508	8.5	80	129	447.50	570	93	1.6
	WY 2021	**8662**	**182**	**139**	**6470**		**808**	**1320**			**1459**	
	Oct 2021	635	24	12	485	7.9	36	119	447.50	571	63	1.0
	Nov 2021	513	14	9	358	6.0	35	119	447.50	571	96	1.6

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3107

Processed On: 12/11/2019 9:41:04AM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

December 2019 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Dec 2018	453	7.6	1081.46	10132	260	438.59	959.9	179.6	61	396.6
H	Jan 2019	487	7.9	1085.75	10493	361	442.10	1006.1	183.4	63	376.8
I	Feb 2019	621	11.2	1087.97	10682	189	443.82	1119.0	246.4	70	396.7
S	Mar 2019	738	12.0	1090.24	10878	195	444.26	1112.0	295.7	70	400.6
T	Apr 2019	902	15.2	1088.95	10767	-111	439.99	810.1	365.4	51	405.2
O	May 2019	989	16.1	1086.48	10555	-211	440.79	803.9	398.2	51	402.5
R	Jun 2019	912	15.3	1084.71	10405	-150	439.38	1591.0	359.0	100	393.7
I	Jul 2019	946	15.4	1082.82	10246	-159	435.56	1486.0	371.7	93	392.7
C	Aug 2019	802	13.0	1083.45	10299	53	439.02	1297.0	313.5	81	390.9
A	Sep 2019	696	11.7	1083.00	10261	-38	439.88	1494.1	267.4	93	384.4
	WY 2019	**8877**							**3494.1**		
L	Oct 2019	626	10.2	1082.61	10228	-33	439.17	1198.0	241.9	74	386.2
*	Nov 2019	575	9.7	1083.85	10333	104	438.74	1192.0	221.9	75	386.0
	Dec 2019	225	3.7	1089.63	10825	493	439.70	838.0	81.3	52	360.6
	Jan 2020	466	7.6	1093.27	11142	316	442.57	1145.0	185.0	70	397.3
	Feb 2020	533	9.3	1095.37	11326	184	446.12	948.0	213.7	57	400.8
	Mar 2020	1017	16.5	1092.04	11034	-292	443.91	1116.0	414.4	68	407.3
	Apr 2020	1022	17.2	1087.63	10654	-380	437.90	1356.0	407.0	85	398.1
	May 2020	967	15.7	1083.39	10293	-360	432.64	1480.0	380.4	94	393.3
	Jun 2020	941	15.8	1079.35	9957	-337	427.88	1552.0	365.3	100	388.3
	Jul 2020	811	13.2	1078.42	9881	-76	425.74	1539.0	313.7	100	386.9
	Aug 2020	758	12.3	1079.28	9952	71	426.04	1552.0	291.5	100	384.5
	Sep 2020	693	11.6	1078.32	9873	-79	426.64	1552.0	264.9	100	382.5
	WY 2020	**8635**							**3380.9**		
	Oct 2020	496	8.1	1080.11	10020	147	432.81	1048.1	195.1	68	392.9
	Nov 2020	613	10.3	1080.34	10040	20	436.10	1054.0	242.6	67	395.5
	Dec 2020	531	8.6	1082.48	10218	178	435.14	1066.0	204.9	68	385.9
	Jan 2021	544	8.8	1086.48	10555	337	435.98	1081.0	210.8	68	387.8
	Feb 2021	647	11.7	1088.21	10703	148	438.81	978.1	259.1	61	400.3
	Mar 2021	964	15.7	1086.48	10555	-148	435.74	1366.1	383.3	85	397.6
	Apr 2021	1039	17.5	1082.69	10235	-320	432.36	1382.0	408.4	88	393.2
	May 2021	981	16.0	1079.11	9937	-298	428.06	1466.2	382.5	94	389.8
	Jun 2021	922	15.5	1076.37	9713	-224	424.28	1545.8	354.0	100	384.1
	Jul 2021	831	13.5	1076.36	9711	-1	423.25	1545.7	320.6	100	385.7
	Aug 2021	746	12.1	1078.11	9855	143	424.43	1555.6	285.4	100	382.4
	Sep 2021	704	11.8	1077.81	9831	-24	425.80	1554.0	269.5	100	382.5
	WY 2021	**9020**							**3516.3**		
	Oct 2021	471	7.7	1079.89	10002	171	432.44	1057.3	183.7	68	390.5
	Nov 2021	593	10.0	1080.35	10040	38	436.00	1058.3	233.6	67	393.9

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3107

Processed On: 12/11/2019 9:41:04AM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

December 2019 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Dec 2018	386	6.3	640.79	1639	58	140.00	153.0	47.3	60	122.5
H	Jan 2019	418	6.8	641.89	1668	30	143.26	159.6	56.8	63	135.8
I	Feb 2019	569	10.2	643.20	1704	36	144.69	209.5	68.8	82	120.9
S	Mar 2019	749	12.2	642.57	1687	-17	140.17	218.8	94.8	86	126.6
T	Apr 2019	886	14.9	642.52	1686	-1	142.03	210.8	111.9	83	126.3
O	May 2019	937	15.2	643.32	1707	22	139.79	238.6	119.5	94	127.6
R	Jun 2019	886	14.9	642.89	1696	-12	140.50	255.0	113.6	100	128.3
I	Jul 2019	895	14.5	643.48	1712	16	142.50	255.0	113.2	100	126.5
C	Aug 2019	800	13.0	642.31	1680	-32	139.60	255.0	101.8	100	127.3
A	Sep 2019	767	12.9	638.35	1573	-107	137.20	255.0	96.0	100	125.1
	WY 2019	**8538**							**1079.9**		
L	Oct 2019	589	9.6	638.28	1572	-2	138.85	243.5	73.2	95	124.4
*	Nov 2019	457	7.7	642.13	1675	103	143.18	153.0	55.6	60	121.7
	Dec 2019	266	4.3	639.81	1612	-63	141.70	156.3	34.0	61	127.7
	Jan 2020	386	6.3	641.80	1666	54	140.59	156.3	48.8	61	126.7
	Feb 2020	510	8.9	641.80	1666	0	140.42	156.5	64.5	61	126.5
	Mar 2020	955	15.5	643.05	1700	34	138.50	194.1	119.1	76	124.8
	Apr 2020	990	16.6	643.00	1699	-1	138.72	249.9	123.8	98	125.0
	May 2020	934	15.2	643.00	1699	0	139.19	255.0	117.1	100	125.4
	Jun 2020	899	15.1	643.00	1699	0	139.21	255.0	112.8	100	125.4
	Jul 2020	801	13.0	642.00	1671	-27	139.46	255.0	100.6	100	125.6
	Aug 2020	724	11.8	642.00	1671	0	139.44	255.0	91.0	100	125.6
	Sep 2020	716	12.0	640.01	1618	-54	138.34	255.0	89.2	100	124.6
	WY 2020	**8227**							**1029.8**		
	Oct 2020	661	10.8	633.00	1434	-183	134.34	227.0	80.0	89	121.0
	Nov 2020	533	9.0	635.00	1486	51	132.59	159.8	63.6	63	119.4
	Dec 2020	391	6.4	639.51	1604	118	137.00	154.7	48.3	61	123.4
	Jan 2021	456	7.4	641.80	1666	62	139.92	156.3	57.4	61	126.1
	Feb 2021	624	11.2	641.80	1666	0	139.44	156.6	78.4	61	125.6
	Mar 2021	901	14.7	643.05	1700	34	138.80	194.1	112.7	76	125.0
	Apr 2021	1007	16.9	643.00	1699	-1	138.63	249.9	125.7	98	124.9
	May 2021	948	15.4	643.00	1699	0	139.11	255.0	118.8	100	125.3
	Jun 2021	880	14.8	643.00	1699	0	139.32	255.0	110.5	100	125.5
	Jul 2021	822	13.4	642.00	1671	-27	139.33	255.0	103.1	100	125.5
	Aug 2021	712	11.6	642.00	1671	0	139.50	255.0	89.5	100	125.7
	Sep 2021	728	12.2	640.01	1618	-54	138.26	255.0	90.6	100	124.6
	WY 2021	**8662**							**1078.8**		
	Oct 2021	635	10.3	633.00	1434	-183	134.51	227.0	77.0	89	121.2
	Nov 2021	513	8.6	635.00	1486	51	132.73	159.8	61.3	63	119.6

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3107

Processed On: 12/11/2019 9:41:04AM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

December 2019 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Dec 2018	218	3.5	446.53	552	-27	81.03	116.1	12.9	97	59.1
H	Jan 2019	250	4.1	446.58	553	1	82.75	117.1	17.0	98	68.2
I	Feb 2019	372	6.7	447.53	571	18	81.87	95.4	25.5	79	68.6
S	Mar 2019	630	10.2	447.86	577	6	82.11	111.3	44.3	93	70.4
T	Apr 2019	712	12.0	447.29	567	-11	79.40	115.0	49.5	96	69.5
O	May 2019	673	11.3	448.62	592	25	80.51	119.0	48.6	99	72.2
R	Jun 2019	717	12.0	448.47	589	-3	80.43	120.0	50.3	100	70.2
I	Jul 2019	739	12.0	448.12	582	-7	80.11	120.0	51.4	100	69.5
C	Aug 2019	636	10.3	447.22	565	-17	77.13	120.0	44.3	100	69.7
A	Sep 2019	514	8.6	449.03	600	34	83.07	120.0	35.9	100	69.8
	WY 2019	**6211**							**433.7**		
L	Oct 2019	430	7.0	447.77	576	-24	83.21	90.0	30.2	75	70.1
*	Nov 2019	300	5.0	449.10	601	25	84.29	92.0	20.2	77	67.2
	Dec 2019	212	3.5	446.50	552	-50	76.04	100.6	13.1	84	61.9
	Jan 2020	262	4.3	446.50	552	0	75.07	94.8	16.4	79	62.7
	Feb 2020	431	7.5	446.50	552	0	75.16	93.1	28.0	78	65.1
	Mar 2020	705	11.5	446.70	555	4	74.01	120.0	45.8	100	64.9
	Apr 2020	728	12.2	448.70	593	38	75.08	120.0	47.9	100	65.9
	May 2020	695	11.3	448.70	593	0	76.05	120.0	46.2	100	66.5
	Jun 2020	718	12.1	448.70	593	0	76.05	120.0	47.8	100	66.6
	Jul 2020	677	11.0	448.00	580	-13	75.71	120.0	44.8	100	66.1
	Aug 2020	599	9.7	447.50	571	-9	75.13	120.0	39.2	100	65.5
	Sep 2020	508	8.5	447.50	570	0	74.89	120.0	33.0	100	65.0
	WY 2020	**6266**							**412.7**		
	Oct 2020	486	7.9	447.50	571	0	76.29	90.0	32.1	75	66.1
	Nov 2020	359	6.0	447.50	571	0	76.19	92.0	23.3	77	65.0
	Dec 2020	310	5.0	446.50	552	-19	74.86	109.4	19.7	91	63.3
	Jan 2021	262	4.3	446.50	552	0	75.07	94.8	16.4	79	62.7
	Feb 2021	430	7.7	446.50	552	0	75.21	92.1	28.1	77	65.2
	Mar 2021	704	11.4	446.70	555	4	74.01	120.0	45.7	100	64.9
	Apr 2021	726	12.2	448.70	593	38	75.08	120.0	47.8	100	65.9
	May 2021	694	11.3	448.70	593	0	76.05	120.0	46.1	100	66.5
	Jun 2021	717	12.0	448.70	593	0	76.05	120.0	47.7	100	66.6
	Jul 2021	676	11.0	448.00	580	-13	75.71	120.0	44.7	100	66.1
	Aug 2021	598	9.7	447.50	571	-9	75.13	120.0	39.1	100	65.4
	Sep 2021	508	8.5	447.50	570	0	74.89	120.0	33.0	100	65.0
	WY 2021	**6470**							**423.8**		
	Oct 2021	485	7.9	447.50	571	0	76.14	92.9	32.0	77	65.9
	Nov 2021	358	6.0	447.50	571	0	76.19	92.0	23.3	77	65.0

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3107

Processed On: 12/11/2019 9:41:04AM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

December 2019 24-Month Study

Most Probable Inflow*

Upper Basin Power

	Date	Glen Canyon 1000 MWHR	Flaming Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Reservoir 1000 MWHR	Fontenelle Reservoir 1000 MWHR
*	Dec 2018	313	47	5	6	2	5
H	Jan 2019	335	47	4	6	1	4
I	Feb 2019	302	42	6	8	1	3
S	Mar 2019	325	22	6	9	4	3
	Winter 2019	**1790**	**233**	**36**	**51**	**19**	**24**
T	Apr 2019	294	27	9	14	10	4
O	May 2019	299	38	23	45	21	6
R	Jun 2019	332	82	33	64	22	8
I	Jul 2019	391	39	28	54	23	7
C	Aug 2019	412	42	24	49	22	7
A	Sep 2019	312	44	15	22	18	2
	Summer 2019	**2041**	**273**	**131**	**248**	**115**	**34**
L	Oct 2019	281	31	26	27	18	5
*	Nov 2019	280	31	22	25	14	5
	Dec 2019	320	48	23	29	14	5
	Jan 2020	321	48	17	22	11	5
	Feb 2020	284	45	12	15	8	4
	Mar 2020	294	42	6	17	9	4
	Winter 2020	**1781**	**246**	**107**	**134**	**74**	**29**
	Apr 2020	264	40	19	26	15	5
	May 2020	266	27	58	83	23	6
	Jun 2020	279	98	12	20	15	8
	Jul 2020	326	28	22	28	14	10
	Aug 2020	361	34	23	28	15	8
	Sep 2020	258	33	22	26	13	2
	Summer 2020	**1754**	**260**	**155**	**211**	**95**	**39**
	Oct 2020	275	24	20	25	13	6
	Nov 2020	273	26	6	8	5	5
	Dec 2020	306	39	14	18	9	5
	Jan 2021	364	39	12	16	8	5
	Feb 2021	315	35	10	13	0	4
	Mar 2021	334	37	0	14	8	4
	Winter 2021	**1867**	**201**	**63**	**94**	**43**	**31**
	Apr 2021	296	36	0	25	14	5
	May 2021	301	30	2	81	23	7
	Jun 2021	326	87	13	22	16	9
	Jul 2021	376	34	27	33	18	10
	Aug 2021	397	41	31	36	19	8
	Sep 2021	295	39	27	32	16	2
	Summer 2021	**1696**	**227**	**73**	**197**	**90**	**37**
	Oct 2021	281	29	28	33	17	7
	Nov 2021	279	28	18	21	11	5

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3107

Processed On: 12/11/2019 9:41:04AM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

December 2019 24-Month Study

Most Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions

Date	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Total KAF	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****CREDITABLE SPACE****										
Dec 2019	469	187	348	11467	12471	17044	29516	469	187	348	1004	11467	17044	29516	4580	225	0	31.2
Jan 2020	560	238	358	11741	12897	16552	29448	560	238	358	1156	11741	16552	29448	5350	466	0	31.2
								****EFFECTIVE SPACE****										
Jan 2020	560	238	358	11741	12897	16552	29448	140	95	331	567	11741	16552	28859	5350	466	0	31.2
Feb 2020	650	270	366	12037	13322	16235	29558	229	129	338	696	12037	16235	28969	1500	533	0	31.1
Mar 2020	728	286	368	12249	13630	16051	29682	307	146	339	792	12249	16051	29093	1500	1017	0	30.6
Apr 2020	750	293	348	12398	13788	16343	30132	326	155	312	793	12398	16343	29534	1500	1022	0	30.4
May 2020	741	298	318	12303	13661	16723	30384	311	159	259	728	12303	16723	29755	1500	967	0	30.8
Jun 2020	617	361	235	11697	12911	17084	29994	175	211	135	521	11697	17084	29302	1500	941	0	31.8
Jul 2020	564	182	180	10659	11585	17420	29005	112	16	23	151	10659	17420	28230	1500	811	0	31.7
								****CREDITABLE SPACE****										
Aug 2020	470	158	219	10699	11547	17496	29043	470	158	219	848	10699	17496	29043	1500	758	0	31.3
Sep 2020	501	172	261	11059	11993	17425	29418	501	172	261	934	11059	17425	29418	2270	693	0	30.9
Oct 2020	547	199	309	11194	12250	17504	29754	547	199	309	1056	11194	17504	29754	3040	496	0	30.7
Nov 2020	563	229	310	11335	12437	17357	29794	563	229	310	1102	11335	17357	29794	3810	613	0	30.6
Dec 2020	586	218	316	11526	12646	17337	29983	586	218	316	1120	11526	17337	29983	4580	531	0	30.5
Jan 2021	660	239	326	11788	13013	17159	30172	660	239	326	1225	11788	17159	30172	5350	544	0	30.4
								****EFFECTIVE SPACE****										
Jan 2021	660	239	326	11788	13013	17159	30172	256	239	112	607	11788	17159	29554	5350	544	0	30.4
Feb 2021	728	255	339	12170	13493	16822	30315	323	255	124	703	12170	16822	29695	1500	647	0	30.2
Mar 2021	783	264	341	12452	13840	16674	30515	376	264	125	765	12452	16674	29892	1500	964	0	29.9
Apr 2021	786	263	302	12634	13986	16822	30808	375	263	79	717	12634	16822	30174	1500	1039	0	29.9
May 2021	757	247	228	12477	13710	17142	30852	340	247	-19	568	12477	17142	30187	1500	981	0	31.1
Jun 2021	607	243	232	11175	12257	17440	29697	177	243	-55	365	11175	17440	28980	1500	922	0	32.6
Jul 2021	557	46	372	9579	10554	17664	28218	118	30	27	175	9579	17664	27417	1500	831	0	32.7
								****CREDITABLE SPACE****										
Aug 2021	458	17	407	9510	10391	17666	28057	458	17	407	882	9510	17666	28057	1500	746	0	32.4
Sep 2021	494	42	428	9850	10815	17522	28337	494	42	428	964	9850	17522	28337	2270	704	0	32.0
Oct 2021	558	81	433	10038	11109	17546	28656	558	81	433	1072	10038	17546	28656	3040	471	0	31.9
Nov 2021	587	134	428	10128	11277	17375	28652	587	134	428	1149	10128	17375	28652	3810	593	0	31.8

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3107

Processed On: 12/11/2019 9:41:04AM

To: All Annual Operating Plan Recipients

From: Lower Colorado Basin Region
Boulder Canyon Operations Office
Michael Bernardo, P.E.
River Operations Manager
P.O. Box 61470
Boulder City, NV 89006-1470
Phone: 702-293-8111

BUREAU OF RECLAMATION

The operation of Lake Powell and Lake Mead in this January 2020 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines) and reflects the 2020 Annual Operating Plan (AOP). Pursuant to the Interim Guidelines, the August 2019 24-Month Study projections of the January 1, 2020, system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2020.

Consistent with Section 6.B of the Interim Guidelines, Lake Powell's operations in water year 2020 will be governed by the Upper Elevation Balancing Tier, with an initial water year release volume of 8.23 maf and the potential for an April adjustment to equalization or balancing releases in April 2020. Based on the most probable inflow forecast, this January 24-Month Study projects an annual release of 8.23 maf in water year 2020.

Consistent with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar year 2020. In addition, Section III.B of Exhibit 1 to the Lower Basin Drought Contingency Plan (DCP) Agreement will also govern the operation of Lake Mead in calendar year 2020.

The 2020 AOP is available for download at:
https://www.usbr.gov/lc/region/g4000/aop/AOP20.pdf.
The Interim Guidelines are available for download at:
https://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The Colorado River DCPs are available for download at:
https://www.usbr.gov/lc/region/programs/dcp.html.

Current runoff projections into Lake Powell are provided by the National Weather Service's Colorado Basin River Forecast Center and are as follows: Observed unregulated inflow into Lake Powell for the month of December was 0.353 maf or 97 percent of the 30-year average from 1981 to 2010. The January unregulated inflow forecast for Lake Powell is 0.320 maf or 89 percent of the 30-year average. The 2020 April through July unregulated inflow forecast is 5.900 maf or 82 percent of average.

In this study, the calendar year 2020 diversion for Metropolitan Water District of Southern California (MWD) is forecasted to be 0.700 maf. The calendar year 2020 diversion for the Central Arizona Project (CAP) is forecasted to be 1.358 maf. Consumptive use for Nevada above Hoover (SNWP Use) is forecasted to be 0.244 maf for calendar year 2020.

Due to changing Lake Mead elevations, Hoover's generator capacity is adjusted based on estimated effective capacity and plant availability. The estimated effective capacity is based on projected Lake Mead elevations. Unit capacity tests will be performed as the lake elevation changes. This study reflects these changes in the projections.

Hoover, Davis, and Parker historical gross energy figures come from PO&M reports provided by the Lower Colorado Region's Power Office, Bureau of Reclamation, Boulder City, Nevada. Questions regarding these historical energy numbers can be directed to Colleen Dwyer at (702) 293-8420.

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

January 2020 24-Month Study

Most Probable Inflow*

Fontenelle Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jan 2019	28	1	61	0	61	6476.81	150
H	Feb 2019	26	0	55	1	56	6470.41	120
I	Mar 2019	37	0	61	0	61	6464.13	95
S	Apr 2019	114	1	71	0	71	6474.10	137
T	May 2019	167	1	98	0	98	6486.46	204
O	Jun 2019	337	2	107	171	278	6494.89	261
R	Jul 2019	184	3	86	39	125	6502.48	317
I	Aug 2019	57	2	74	0	74	6499.98	298
C	Sep 2019	41	2	19	47	66	6496.36	271
	WY 2019	**1101**	**15**	**799**	**278**	**1077**		
A	Oct 2019	51	1	61	7	68	6493.83	253
L	Nov 2019	47	1	63	0	63	6491.39	236
*	Dec 2019	36	1	65	0	65	6487.01	208
	Jan 2020	32	1	65	0	65	6481.55	175
	Feb 2020	30	1	60	0	60	6475.62	145
	Mar 2020	48	0	63	0	63	6472.23	129
	Apr 2020	75	1	71	0	71	6472.89	132
	May 2020	125	1	86	0	86	6480.50	170
	Jun 2020	245	2	103	4	107	6500.86	305
	Jul 2020	125	3	102	9	111	6502.30	316
	Aug 2020	60	2	78	0	78	6499.61	296
	Sep 2020	45	2	20	45	65	6496.58	274
	WY 2020	**919**	**15**	**837**	**66**	**903**		
	Oct 2020	48	1	66	0	66	6493.88	254
	Nov 2020	42	1	64	0	64	6490.56	232
	Dec 2020	32	1	66	0	66	6485.16	197
	Jan 2021	30	1	66	0	66	6478.82	161
	Feb 2021	28	0	60	0	60	6472.05	128
	Mar 2021	53	0	69	0	69	6468.13	111
	Apr 2021	85	1	79	0	79	6469.47	117
	May 2021	164	1	91	0	91	6483.69	188
	Jun 2021	299	2	103	82	185	6500.10	300
	Jul 2021	178	3	101	42	144	6504.11	331
	Aug 2021	77	2	82	0	82	6503.08	323
	Sep 2021	46	2	20	58	77	6498.71	289
	WY 2021	**1081**	**15**	**868**	**182**	**1050**		
	Oct 2021	49	1	74	0	74	6495.07	263
	Nov 2021	42	1	60	0	60	6492.49	245
	Dec 2021	32	1	61	0	61	6487.92	215

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3109

Processed On: 1/14/2020 1:37:05PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

January 2020 24-Month Study

Most Probable Inflow*

Flaming Gorge Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	Jan 2019	34	68	2	124	0	124	129	6026.01	3198	154
H	Feb 2019	34	63	2	112	0	112	127	6024.69	3149	143
I	Mar 2019	74	99	3	58	0	58	128	6025.67	3185	128
S	Apr 2019	240	198	5	71	0	71	133	6028.79	3303	341
T	May 2019	252	183	8	99	0	99	136	6030.71	3376	568
O	Jun 2019	460	400	11	215	100	315	139	6032.55	3448	950
R	Jul 2019	227	169	14	100	0	100	141	6033.89	3502	376
I	Aug 2019	59	76	13	109	0	109	139	6032.79	3458	151
C	Sep 2019	49	74	11	113	0	113	137	6031.57	3410	134
	WY 2019	**1553**	**1529**	**82**	**1315**	**100**	**1415**				**3351**
A	Oct 2019	53	70	7	80	0	80	136	6031.13	3393	109
L	Nov 2019	63	79	4	81	0	81	136	6030.99	3387	115
*	Dec 2019	43	72	2	132	0	132	134	6029.43	3327	166
	Jan 2020	43	76	2	132	0	132	132	6027.96	3271	156
	Feb 2020	46	76	2	124	0	124	130	6026.70	3223	148
	Mar 2020	100	115	3	114	0	114	130	6026.66	3222	189
	Apr 2020	130	126	5	110	0	110	130	6026.95	3233	295
	May 2020	210	171	8	74	0	74	134	6029.22	3319	574
	Jun 2020	330	192	10	224	0	224	132	6028.16	3278	714
	Jul 2020	160	146	14	80	0	80	134	6029.49	3329	155
	Aug 2020	70	88	13	97	0	97	133	6028.96	3309	118
	Sep 2020	52	72	11	113	0	113	131	6027.65	3259	128
	WY 2020	**1300**	**1284**	**81**	**1360**	**0**	**1360**				**2866**
	Oct 2020	57	75	7	83	0	83	131	6027.27	3245	111
	Nov 2020	50	72	3	74	0	74	130	6027.13	3240	104
	Dec 2020	35	69	2	97	0	97	129	6026.37	3211	122
	Jan 2021	40	76	2	97	0	97	128	6025.79	3190	122
	Feb 2021	45	77	2	87	0	87	128	6025.46	3177	115
	Mar 2021	102	119	3	92	0	92	129	6026.06	3200	169
	Apr 2021	134	127	5	89	0	89	130	6026.92	3232	304
	May 2021	245	173	8	74	0	74	134	6029.21	3319	606
	Jun 2021	390	276	10	237	75	313	132	6028.02	3273	733
	Jul 2021	210	176	14	88	0	88	135	6029.91	3345	188
	Aug 2021	89	94	13	99	0	99	134	6029.48	3329	124
	Sep 2021	55	87	11	107	0	107	133	6028.68	3298	126
	WY 2021	**1451**	**1421**	**80**	**1225**	**75**	**1301**				**2824**
	Oct 2021	59	84	7	80	0	80	133	6028.59	3295	113
	Nov 2021	51	69	3	83	0	83	132	6028.13	3277	115
	Dec 2021	35	64	2	123	0	123	130	6026.59	3219	148

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3109

Processed On: 1/14/2020 1:37:05PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

January 2020 24-Month Study

Most Probable Inflow*

Taylor Park Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jan 2019	4	3	9302.92	59
H	Feb 2019	3	3	9303.16	60
I	Mar 2019	5	4	9303.75	60
S	Apr 2019	10	7	9306.14	64
T	May 2019	21	26	9302.64	59
O	Jun 2019	68	38	9320.92	89
R	Jul 2019	47	32	9328.49	103
I	Aug 2019	15	24	9323.77	94
C	Sep 2019	7	20	9316.42	81
	WY 2019	**191**	**168**		
A	Oct 2019	7	11	9314.38	77
L	Nov 2019	5	6	9313.69	76
*	Dec 2019	5	6	9313.35	75
	Jan 2020	5	6	9312.44	74
	Feb 2020	4	6	9311.49	72
	Mar 2020	4	6	9310.16	70
	Apr 2020	6	6	9310.19	70
	May 2020	25	13	9317.24	82
	Jun 2020	38	22	9325.86	98
	Jul 2020	16	22	9322.98	92
	Aug 2020	9	19	9317.42	82
	Sep 2020	7	18	9311.05	72
	WY 2020	**131**	**140**		
	Oct 2020	6	7	9310.52	71
	Nov 2020	5	5	9310.50	71
	Dec 2020	5	5	9310.17	70
	Jan 2021	4	5	9309.64	69
	Feb 2021	4	5	9309.07	68
	Mar 2021	4	5	9308.58	68
	Apr 2021	9	10	9307.78	66
	May 2021	28	14	9316.49	81
	Jun 2021	42	20	9328.12	102
	Jul 2021	20	24	9326.42	99
	Aug 2021	10	19	9321.86	90
	Sep 2021	7	18	9316.22	80
	WY 2021	**145**	**137**		
	Oct 2021	7	12	9313.38	75
	Nov 2021	5	5	9313.41	75
	Dec 2021	5	5	9313.10	75

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3109

Processed On: 1/14/2020 1:37:05PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

January 2020 24-Month Study

Most Probable Inflow*

Blue Mesa Reservoir

	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jan 2019	20	20	0	17	0	17	7438.40	252
H	Feb 2019	20	20	0	23	0	23	7437.59	248
I	Mar 2019	28	27	0	25	0	25	7438.01	250
S	Apr 2019	121	118	0	33	0	33	7453.91	335
T	May 2019	214	218	1	86	18	105	7471.68	447
O	Jun 2019	471	444	1	124	70	194	7504.14	696
R	Jul 2019	282	266	2	87	51	138	7518.61	823
I	Aug 2019	92	100	1	76	62	137	7514.39	784
C	Sep 2019	32	45	1	45	47	93	7508.84	736
	WY 2019	**1344**	**1320**	**7**	**601**	**260**	**859**		
A	Oct 2019	28	32	1	82	3	85	7502.51	682
L	Nov 2019	31	32	0	72	0	72	7497.65	642
*	Dec 2019	29	30	0	84	0	84	7490.79	588
	Jan 2020	25	27	0	62	0	62	7486.22	552
	Feb 2020	23	25	0	40	0	40	7484.14	537
	Mar 2020	37	39	0	21	24	44	7483.43	531
	Apr 2020	65	65	1	67	0	67	7483.10	529
	May 2020	175	163	1	162	0	162	7483.11	529
	Jun 2020	250	234	1	56	0	56	7505.33	706
	Jul 2020	100	106	1	101	0	101	7505.71	709
	Aug 2020	51	61	1	103	0	103	7500.60	666
	Sep 2020	37	48	1	75	0	75	7497.12	638
	WY 2020	**851**	**861**	**8**	**923**	**27**	**950**		
	Oct 2020	38	38	1	61	0	61	7494.19	614
	Nov 2020	31	31	0	19	0	19	7495.65	626
	Dec 2020	26	26	0	57	0	57	7491.74	595
	Jan 2021	24	25	0	43	0	43	7489.38	577
	Feb 2021	22	23	0	43	0	43	7486.76	556
	Mar 2021	36	37	0	0	45	45	7485.57	547
	Apr 2021	77	78	1	0	57	57	7488.21	567
	May 2021	221	207	1	6	31	37	7508.83	736
	Jun 2021	261	239	1	166	0	166	7516.98	808
	Jul 2021	117	120	2	97	0	97	7519.30	829
	Aug 2021	63	72	1	108	0	108	7515.24	792
	Sep 2021	38	48	1	82	0	82	7511.29	757
	WY 2021	**954**	**946**	**9**	**683**	**134**	**818**		
	Oct 2021	38	43	1	84	0	84	7506.53	716
	Nov 2021	31	31	0	62	0	62	7502.83	685
	Dec 2021	26	26	0	104	0	104	7493.26	607

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3109

Processed On: 1/14/2020 1:37:05PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

January 2020 24-Month Study

Most Probable Inflow*

Morrow Point Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jan 2019	21	17	1	17	18	0	18	7147.00	107
H	Feb 2019	20	23	0	24	23	0	23	7147.57	107
I	Mar 2019	29	25	1	26	26	0	26	7146.90	107
S	Apr 2019	136	33	15	47	41	0	41	7155.16	113
T	May 2019	240	105	25	130	127	0	131	7154.68	113
O	Jun 2019	512	194	41	235	186	0	234	7155.10	113
R	Jul 2019	295	138	13	150	151	0	151	7154.18	112
I	Aug 2019	93	137	2	139	137	0	139	7153.99	112
C	Sep 2019	32	93	1	93	60	0	96	7151.09	110
	WY 2019	**1446**	**859**	**102**	**961**	**858**	**0**	**949**		
A	Oct 2019	29	85	1	86	78	0	89	7147.93	107
L	Nov 2019	32	72	1	72	71	0	71	7149.15	108
*	Dec 2019	30	84	1	85	85	0	85	7149.15	108
	Jan 2020	27	62	2	64	65	0	65	7147.94	107
	Feb 2020	26	40	3	43	43	0	43	7147.94	107
	Mar 2020	41	44	4	48	48	0	48	7147.94	107
	Apr 2020	75	67	10	77	77	0	77	7147.94	107
	May 2020	195	162	20	182	182	0	182	7147.94	107
	Jun 2020	270	56	20	76	76	0	76	7147.94	107
	Jul 2020	105	101	5	106	106	0	106	7147.94	107
	Aug 2020	54	103	3	106	106	0	106	7147.94	107
	Sep 2020	39	75	2	77	77	0	77	7147.94	107
	WY 2020	**923**	**950**	**72**	**1022**	**1013**	**0**	**1024**		
	Oct 2020	40	61	2	63	63	0	63	7147.94	107
	Nov 2020	33	19	2	21	21	0	21	7147.94	107
	Dec 2020	28	57	2	59	59	0	59	7147.94	107
	Jan 2021	27	43	2	46	46	0	46	7147.94	107
	Feb 2021	25	43	3	46	46	0	46	7147.94	107
	Mar 2021	40	45	4	49	49	0	49	7147.94	107
	Apr 2021	88	57	11	69	69	0	69	7147.94	107
	May 2021	247	37	26	63	63	0	63	7147.94	107
	Jun 2021	281	166	20	186	186	0	186	7147.94	107
	Jul 2021	123	97	6	104	104	0	104	7147.94	107
	Aug 2021	67	108	3	111	111	0	111	7147.94	107
	Sep 2021	41	82	3	85	85	0	85	7147.94	107
	WY 2021	**1039**	**818**	**84**	**902**	**902**	**0**	**902**		
	Oct 2021	41	84	3	86	86	0	86	7147.94	107
	Nov 2021	33	62	2	64	64	0	64	7147.94	107
	Dec 2021	28	104	2	106	106	0	106	7147.94	107

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3109

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

January 2020 24-Month Study

Most Probable Inflow*

Crystal Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
*	Jan 2019	25	18	4	22	19	3	22	6746.57	15	1	20
H	Feb 2019	24	23	3	27	9	17	26	6748.26	16	1	25
I	Mar 2019	34	26	5	32	30	0	30	6752.77	17	0	29
S	Apr 2019	150	41	15	55	55	0	55	6753.29	17	26	29
T	May 2019	264	131	24	155	108	31	153	6759.30	19	47	105
O	Jun 2019	558	234	46	280	115	73	282	6753.12	17	51	231
R	Jul 2019	321	151	26	177	121	57	178	6746.79	15	59	124
I	Aug 2019	98	139	5	144	119	28	147	6733.35	12	64	87
C	Sep 2019	36	96	4	99	94	0	95	6750.61	16	61	33
	WY 2019	**1587**	**949**	**142**	**1091**	**768**	**210**	**1087**			**344**	**747**
A	Oct 2019	33	89	3	92	92	0	92	6749.75	16	64	29
L	Nov 2019	35	71	4	75	76	0	76	6746.90	15	2	72
*	Dec 2019	34	85	4	89	89	0	89	6746.40	15	0	86
	Jan 2020	31	65	4	69	68	0	68	6749.63	16	0	68
	Feb 2020	29	43	3	46	46	0	46	6749.63	16	0	46
	Mar 2020	46	48	5	53	53	0	53	6749.63	16	5	48
	Apr 2020	85	77	10	87	87	0	87	6749.63	16	42	45
	May 2020	225	182	30	212	136	76	212	6749.63	16	62	150
	Jun 2020	305	76	35	111	111	0	111	6749.63	16	61	50
	Jul 2020	110	106	5	111	111	0	111	6749.63	16	65	46
	Aug 2020	62	106	8	114	114	0	114	6749.63	16	65	49
	Sep 2020	43	77	4	81	81	0	81	6749.63	16	55	26
	WY 2020	**1038**	**1024**	**116**	**1140**	**1063**	**77**	**1140**			**421**	**714**
	Oct 2020	44	63	5	68	68	0	68	6749.63	16	30	38
	Nov 2020	37	21	4	25	25	0	25	6749.63	16	0	25
	Dec 2020	32	59	5	64	64	0	64	6749.63	16	0	64
	Jan 2021	31	46	5	50	50	0	50	6749.63	16	0	50
	Feb 2021	29	46	4	50	0	50	50	6749.63	16	0	50
	Mar 2021	46	49	6	56	47	9	56	6749.63	16	5	51
	Apr 2021	101	69	12	81	81	0	81	6749.63	16	42	39
	May 2021	281	63	34	98	98	0	98	6749.63	16	62	36
	Jun 2021	315	186	34	220	132	88	220	6749.63	16	61	159
	Jul 2021	138	104	14	118	118	0	118	6749.63	16	65	53
	Aug 2021	75	111	8	119	119	0	119	6749.63	16	65	54
	Sep 2021	47	85	6	91	91	0	91	6749.63	16	55	36
	WY 2021	**1176**	**902**	**138**	**1040**	**893**	**146**	**1040**			**385**	**655**
	Oct 2021	47	86	6	92	92	0	92	6749.63	16	30	62
	Nov 2021	38	64	5	69	69	0	69	6749.63	16	0	69
	Dec 2021	32	106	5	111	111	0	111	6749.63	16	0	111

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3109

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

January 2020 24-Month Study

Most Probable Inflow*

Vallecito Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Jan 2019	4	0	7625.50	37
H	Feb 2019	4	0	7627.67	41
I	Mar 2019	6	6	7627.39	40
S	Apr 2019	32	25	7631.32	47
T	May 2019	58	41	7640.08	64
O	Jun 2019	160	101	7664.36	124
R	Jul 2019	69	68	7664.45	124
I	Aug 2019	20	38	7657.21	105
C	Sep 2019	8	33	7646.82	79
	WY 2019	**378**	**316**		
A	Oct 2019	4	13	7643.13	71
L	Nov 2019	4	2	7644.14	73
*	Dec 2019	4	2	7645.07	75
	Jan 2020	4	2	7645.77	77
	Feb 2020	3	2	7646.28	78
	Mar 2020	5	2	7647.55	81
	Apr 2020	15	2	7652.92	94
	May 2020	50	31	7660.11	113
	Jun 2020	70	57	7664.82	125
	Jul 2020	25	41	7658.38	108
	Aug 2020	15	38	7649.07	85
	Sep 2020	14	29	7642.26	69
	WY 2020	**213**	**220**		
	Oct 2020	14	16	7640.84	66
	Nov 2020	8	2	7643.41	72
	Dec 2020	6	2	7645.37	76
	Jan 2021	5	2	7646.88	80
	Feb 2021	5	2	7648.15	83
	Mar 2021	9	2	7650.90	89
	Apr 2021	23	2	7659.33	111
	May 2021	71	58	7664.04	123
	Jun 2021	70	70	7663.86	123
	Jul 2021	29	42	7658.89	109
	Aug 2021	20	38	7651.55	91
	Sep 2021	17	30	7646.29	78
	WY 2021	**278**	**266**		
	Oct 2021	16	17	7645.52	77
	Nov 2021	9	2	7648.18	83
	Dec 2021	6	2	7650.04	87

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

January 2020 24-Month Study

Most Probable Inflow*

Navajo Reservoir

	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azetea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Farmington Flow (1000 Ac-Ft)
*	Jan 2019	13	0	10	0	0	19	6015.33	869	31
H	Feb 2019	17	0	14	1	1	16	6014.90	865	37
I	Mar 2019	114	1	113	1	4	18	6024.61	955	62
S	Apr 2019	230	24	203	2	20	20	6040.36	1117	102
T	May 2019	270	34	215	3	25	25	6054.45	1279	139
O	Jun 2019	491	57	376	4	36	114	6071.44	1501	386
R	Jul 2019	171	26	142	5	47	60	6073.56	1531	228
I	Aug 2019	40	6	52	4	42	78	6068.40	1459	104
C	Sep 2019	3	0	29	3	29	67	6063.13	1388	71
	WY 2019	**1401**	**150**	**1188**	**26**	**211**	**483**			**1264**
A	Oct 2019	6	0	15	2	6	33	6061.08	1362	46
L	Nov 2019	15	0	13	1	0	25	6060.04	1348	45
*	Dec 2019	16	0	14	1	0	36	6058.25	1326	59
	Jan 2020	16	0	14	1	0	23	6057.48	1316	33
	Feb 2020	20	0	19	1	0	20	6057.29	1314	29
	Mar 2020	55	3	49	2	6	22	6058.90	1334	37
	Apr 2020	115	12	89	2	21	27	6061.94	1373	67
	May 2020	215	27	169	4	36	31	6069.29	1471	151
	Jun 2020	180	22	145	5	53	30	6073.39	1528	165
	Jul 2020	40	1	55	5	57	31	6070.76	1491	86
	Aug 2020	28	1	49	4	48	47	6067.14	1441	76
	Sep 2020	30	1	44	3	26	73	6062.79	1384	98
	WY 2020	**736**	**68**	**675**	**29**	**253**	**397**			**892**
	Oct 2020	37	2	38	2	9	31	6062.53	1380	55
	Nov 2020	30	0	24	1	0	30	6062.02	1374	47
	Dec 2020	25	0	21	1	0	31	6061.17	1363	46
	Jan 2021	22	0	18	1	0	31	6060.16	1350	44
	Feb 2021	30	0	27	1	0	28	6060.01	1348	40
	Mar 2021	92	9	77	2	6	31	6063.03	1387	53
	Apr 2021	170	21	128	3	22	30	6068.58	1461	82
	May 2021	277	37	227	4	37	187	6068.60	1461	333
	Jun 2021	224	29	195	4	53	277	6057.90	1321	428
	Jul 2021	66	5	74	4	57	47	6055.09	1287	114
	Aug 2021	45	2	61	3	48	31	6053.35	1265	69
	Sep 2021	43	2	54	3	26	30	6052.94	1261	62
	WY 2021	**1062**	**106**	**944**	**27**	**258**	**781**			**1374**
	Oct 2021	47	2	46	2	9	31	6053.35	1265	59
	Nov 2021	34	0	27	1	0	30	6053.05	1262	48
	Dec 2021	25	0	21	1	0	31	6052.15	1251	46

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

January 2020 24-Month Study

Most Probable Inflow*

Lake Powell

	Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry Gage (1000 Ac-Ft)
*	Jan 2019	212	303	7	804	0	804	3576.34	4824	9629	815
H	Feb 2019	255	339	7	730	0	730	3571.89	4795	9261	741
I	Mar 2019	625	574	11	791	0	791	3569.28	4778	9049	798
S	Apr 2019	1242	899	18	720	0	720	3571.12	4790	9198	734
T	May 2019	2511	1980	23	720	0	720	3584.65	4881	10343	752
O	Jun 2019	4206	3583	41	765	0	765	3611.82	5087	12914	807
R	Jul 2019	2451	2015	57	857	0	857	3621.60	5168	13933	896
I	Aug 2019	472	608	58	900	0	900	3618.55	5143	13610	932
C	Sep 2019	143	379	52	687	0	687	3615.36	5116	13277	703
	WY 2019	**12951**	**11787**	**356**	**8924**	**77**	**9001**				**9242**
A	Oct 2019	265	397	35	625	0	625	3612.99	5096	13034	633
L	Nov 2019	404	466	34	626	0	626	3611.23	5082	12855	630
*	Dec 2019	353	506	27	750	0	750	3608.74	5062	12604	756
	Jan 2020	320	453	8	760	0	760	3605.80	5039	12312	771
	Feb 2020	360	455	9	675	0	675	3603.64	5022	12100	684
	Mar 2020	560	556	15	700	0	700	3602.12	5010	11953	714
	Apr 2020	840	767	23	630	0	630	3603.21	5018	12059	645
	May 2020	1700	1430	28	630	0	630	3610.43	5076	12774	641
	Jun 2020	2400	2024	47	650	0	650	3622.25	5174	14003	661
	Jul 2020	960	929	59	750	0	750	3623.29	5183	14115	769
	Aug 2020	400	547	58	835	0	835	3620.29	5157	13794	852
	Sep 2020	375	544	53	599	0	599	3619.35	5149	13695	612
	WY 2020	**8936**	**9076**	**396**	**8230**	**0**	**8230**				**8367**
	Oct 2020	484	539	37	640	0	640	3618.14	5139	13567	650
	Nov 2020	460	472	35	640	0	640	3616.34	5124	13379	641
	Dec 2020	363	462	28	720	0	720	3613.78	5103	13115	726
	Jan 2021	361	446	8	860	0	860	3609.93	5072	12723	871
	Feb 2021	393	455	9	750	0	750	3607.11	5049	12441	759
	Mar 2021	665	617	15	800	0	800	3605.25	5034	12258	814
	Apr 2021	1056	893	24	710	0	710	3606.75	5046	12406	725
	May 2021	2343	1972	29	710	0	710	3617.95	5137	13547	721
	Jun 2021	2666	2629	50	750	0	750	3633.43	5273	15241	761
	Jul 2021	1091	992	63	850	0	850	3634.07	5279	15314	869
	Aug 2021	500	590	63	900	0	900	3631.03	5251	14969	917
	Sep 2021	408	519	57	670	0	670	3629.31	5236	14776	684
	WY 2021	**10790**	**10586**	**418**	**9000**	**0**	**9000**				**9138**
	Oct 2021	512	574	39	640	0	640	3628.43	5228	14678	650
	Nov 2021	473	533	38	640	0	640	3627.22	5217	14544	641
	Dec 2021	363	535	30	720	0	720	3625.41	5201	14345	726

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

January 2020 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

BUREAU OF RECLAMATION

	Date	Glen Release (1000 Ac-Ft)	Side Inflow Glen to Hoover (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Jan 2019	804	106	30	487	7.9	8	486	682	1085.75	10493
H	Feb 2019	730	126	28	621	11.2	6	620	694	1087.97	10682
I	Mar 2019	791	200	32	738	12.0	13	737	707	1090.24	10878
S	Apr 2019	720	118	39	902	15.2	15	900	700	1088.95	10767
T	May 2019	720	108	45	989	16.1	18	988	686	1086.48	10555
O	Jun 2019	765	69	54	912	15.3	27	911	676	1084.71	10405
R	Jul 2019	857	20	67	946	15.4	33	946	666	1082.82	10246
I	Aug 2019	900	64	71	802	13.0	34	801	669	1083.45	10299
C	Sep 2019	687	58	59	696	11.7	30	690	667	1083.00	10261
	WY 2019	**9001**	**1087**	**547**	**8892**		**234**	**8868**			
A	Oct 2019	625	34	43	626	10.2	25	621	665	1082.61	10228
L	Nov 2019	626	116	40	575	9.7	13	538	672	1083.85	10333
*	Dec 2019	750	117	37	220	3.6	6	214	708	1090.49	10899
	Jan 2020	760	83	31	397	6.5	9	397	733	1094.85	11280
	Feb 2020	675	91	29	504	8.8	9	504	747	1097.26	11491
	Mar 2020	700	57	33	935	15.2	14	935	733	1094.86	11280
	Apr 2020	630	49	40	1016	17.1	21	1016	709	1090.57	10906
	May 2020	630	30	45	984	16.0	28	984	685	1086.21	10532
	Jun 2020	650	17	54	946	15.9	29	946	663	1082.19	10193
	Jul 2020	750	80	67	835	13.6	29	835	656	1081.05	10098
	Aug 2020	835	100	71	781	12.7	30	781	660	1081.65	10148
	Sep 2020	599	91	58	720	12.1	25	720	653	1080.37	10041
	WY 2020	**8230**	**864**	**548**	**8541**		**236**	**8493**			
	Oct 2020	640	82	42	515	8.4	24	515	661	1081.94	10173
	Nov 2020	640	54	43	637	10.7	16	637	661	1081.93	10171
	Dec 2020	720	51	37	459	7.5	10	459	677	1084.89	10420
	Jan 2021	860	83	31	520	8.5	9	520	701	1089.11	10780
	Feb 2021	750	91	28	519	9.3	9	519	718	1092.21	11048
	Mar 2021	800	57	32	983	16.0	14	983	708	1090.35	10887
	Apr 2021	710	49	39	1019	17.1	21	1019	688	1086.84	10586
	May 2021	710	30	45	998	16.2	29	998	668	1083.16	10275
	Jun 2021	750	17	53	951	16.0	29	951	652	1080.16	10024
	Jul 2021	850	80	66	823	13.4	29	823	652	1080.29	10035
	Aug 2021	900	100	71	777	12.6	30	777	660	1081.67	10150
	Sep 2021	670	91	58	714	12.0	25	714	658	1081.26	10116
	WY 2021	**9000**	**784**	**546**	**8914**		**245**	**8914**			
	Oct 2021	640	82	43	515	8.4	24	515	666	1082.83	10247
	Nov 2021	640	54	43	646	10.9	16	646	665	1082.71	10237
	Dec 2021	720	51	37	478	7.8	11	478	680	1085.45	10467

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

January 2020 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

BUREAU OF RECLAMATION

	Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Jan 2019	487	-29	10	418	0	418	6.8	641.89	1668
H	Feb 2019	621	-6	10	569	0	569	10.2	643.20	1704
I	Mar 2019	738	7	13	749	0	749	12.2	642.57	1687
S	Apr 2019	902	0	17	886	0	886	14.9	642.52	1686
T	May 2019	989	-9	22	937	0	937	15.2	643.32	1707
O	Jun 2019	912	-12	25	886	0	886	14.9	642.89	1696
R	Jul 2019	946	-11	25	895	0	894	14.5	643.48	1712
I	Aug 2019	802	-11	23	800	0	800	13.0	642.31	1680
C	Sep 2019	696	-17	18	767	0	767	12.9	638.35	1573
	WY 2019	**8892**	**-142**	**198**	**8538**	**0**	**8539**			
A	Oct 2019	626	-24	15	589	0	589	9.6	638.28	1572
L	Nov 2019	575	-4	11	457	0	457	7.7	642.13	1675
*	Dec 2019	220	0	9	247	0	247	4.0	640.77	1638
	Jan 2020	397	-16	10	343	0	343	5.6	641.80	1666
	Feb 2020	504	-13	10	475	0	475	8.3	642.00	1671
	Mar 2020	935	-15	13	878	0	878	14.3	643.05	1700
	Apr 2020	1016	-17	17	985	0	985	16.5	643.00	1699
	May 2020	984	-11	22	951	0	951	15.5	643.00	1699
	Jun 2020	946	-16	25	904	0	904	15.2	643.00	1699
	Jul 2020	835	-12	25	825	0	825	13.4	642.00	1671
	Aug 2020	781	-11	23	747	0	747	12.1	642.00	1671
	Sep 2020	720	-12	18	744	0	744	12.5	640.01	1618
	WY 2020	**8541**	**-153**	**198**	**8145**	**0**	**8145**			
	Oct 2020	515	-4	15	680	0	680	11.1	633.00	1434
	Nov 2020	637	-19	10	556	0	556	9.3	635.00	1486
	Dec 2020	459	-12	9	319	0	319	5.2	639.51	1604
	Jan 2021	520	-16	10	432	0	432	7.0	641.80	1666
	Feb 2021	519	-13	10	495	0	495	8.9	641.80	1666
	Mar 2021	983	-15	13	920	0	920	15.0	643.05	1700
	Apr 2021	1019	-17	17	987	0	987	16.6	643.00	1699
	May 2021	998	-11	22	964	0	964	15.7	643.00	1699
	Jun 2021	951	-16	25	910	0	910	15.3	643.00	1699
	Jul 2021	823	-12	25	813	0	813	13.2	642.00	1671
	Aug 2021	777	-11	23	743	0	743	12.1	642.00	1671
	Sep 2021	714	-12	18	737	0	737	12.4	640.01	1618
	WY 2021	**8914**	**-159**	**197**	**8557**	**0**	**8557**			
	Oct 2021	515	-4	15	680	0	680	11.1	633.00	1434
	Nov 2021	646	-19	10	565	0	565	9.5	635.00	1486
	Dec 2021	478	-12	9	338	0	338	5.5	639.51	1604

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3109

Processed On: 1/14/2020 1:37:05PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

January 2020 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

BUREAU OF RECLAMATION

	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	Jan 2019	418	19	6	250	4.1	87	91	446.58	553	122	2.0
H	Feb 2019	569	13	8	372	6.7	31	151	447.53	571	143	2.6
I	Mar 2019	749	-5	9	630	10.2	11	83	447.86	577	185	3.0
S	Apr 2019	886	6	11	712	12.0	28	144	447.29	567	170	2.9
T	May 2019	937	8	13	693	11.3	51	154	448.62	592	128	2.1
O	Jun 2019	886	11	15	717	12.0	53	104	448.47	589	138	2.3
R	Jul 2019	894	15	17	739	12.0	59	92	448.12	582	146	2.4
I	Aug 2019	800	15	17	636	10.3	67	102	447.22	565	111	1.8
C	Sep 2019	767	26	15	514	8.6	61	160	449.03	600	103	1.7
	WY 2019	**8539**	**173**	**140**	**6231**		**690**	**1571**			**1515**	
A	Oct 2019	589	18	12	430	7.0	30	151	447.77	576	68	1.1
L	Nov 2019	457	23	9	300	5.0	16	125	449.10	601	118	2.0
*	Dec 2019	247	17	7	159	2.6	46	72	448.16	583	109	1.8
	Jan 2020	343	18	6	281	4.6	14	87	446.50	552	100	1.6
	Feb 2020	475	11	8	389	6.8	1	82	446.50	552	126	2.2
	Mar 2020	878	5	9	653	10.6	45	163	446.70	555	167	2.7
	Apr 2020	985	12	11	699	11.7	81	157	448.70	593	153	2.6
	May 2020	951	13	13	696	11.3	77	165	448.70	593	125	2.0
	Jun 2020	904	11	16	715	12.0	76	96	448.70	593	139	2.3
	Jul 2020	825	19	17	701	11.4	77	50	448.00	580	150	2.4
	Aug 2020	747	20	17	621	10.1	77	50	447.50	571	114	1.9
	Sep 2020	744	14	15	530	8.9	68	135	447.50	570	110	1.9
	WY 2020	**8145**	**181**	**140**	**6174**		**610**	**1333**			**1478**	
	Oct 2020	680	24	12	459	7.5	61	166	447.50	571	69	1.1
	Nov 2020	556	14	9	354	6.0	61	141	447.50	571	88	1.5
	Dec 2020	319	22	7	221	3.6	62	66	446.50	552	93	1.5
	Jan 2021	432	18	6	259	4.2	90	91	446.50	552	102	1.7
	Feb 2021	495	11	8	391	7.0	17	84	446.50	552	127	2.3
	Mar 2021	920	5	9	648	10.5	86	170	446.70	555	167	2.7
	Apr 2021	987	12	11	694	11.7	83	163	448.70	593	152	2.6
	May 2021	964	13	13	705	11.5	74	172	448.70	593	127	2.1
	Jun 2021	910	11	16	720	12.1	72	99	448.70	593	141	2.4
	Jul 2021	813	19	17	689	11.2	74	52	448.00	580	152	2.5
	Aug 2021	743	20	17	618	10.0	74	52	447.50	571	117	1.9
	Sep 2021	737	14	15	529	8.9	56	140	447.50	570	113	1.9
	WY 2021	**8557**	**182**	**139**	**6289**		**810**	**1395**			**1450**	
	Oct 2021	680	24	12	470	7.6	42	173	447.50	571	73	1.2
	Nov 2021	565	14	9	358	6.0	41	166	447.50	571	91	1.5
	Dec 2021	338	22	7	237	3.9	42	88	446.50	552	96	1.6

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3109

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

January 2020 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Jan 2019	487	7.9	1085.75	10493	361	442.10	1006.1	183.4	63	376.8
H	Feb 2019	621	11.2	1087.97	10682	189	443.82	1119.0	246.4	70	396.7
I	Mar 2019	738	12.0	1090.24	10878	195	444.26	1112.0	295.7	70	400.6
S	Apr 2019	902	15.2	1088.95	10767	-111	439.99	810.1	365.4	51	405.2
T	May 2019	989	16.1	1086.48	10555	-211	440.79	803.9	398.2	51	402.5
O	Jun 2019	912	15.3	1084.71	10405	-150	439.38	1591.0	359.0	100	393.7
R	Jul 2019	946	15.4	1082.82	10246	-159	435.56	1486.0	371.7	93	392.7
I	Aug 2019	802	13.0	1083.45	10299	53	439.02	1297.0	313.5	81	390.9
C	Sep 2019	696	11.7	1083.00	10261	-38	439.88	1494.1	267.4	93	384.4
	WY 2019	**8877**							**3494.1**		
A	Oct 2019	626	10.2	1082.61	10228	-33	439.17	1198.0	241.9	74	386.2
L	Nov 2019	575	9.7	1083.85	10333	104	438.74	1192.0	221.9	75	386.0
*	Dec 2019	220	3.6	1090.49	10899	567	448.42	838.0	81.6	52	371.4
	Jan 2020	397	6.5	1094.85	11280	381	443.48	1152.1	154.9	70	390.1
	Feb 2020	504	8.8	1097.26	11491	211	447.80	943.1	201.0	57	398.9
	Mar 2020	935	15.2	1094.86	11280	-211	446.19	1127.0	383.7	68	410.2
	Apr 2020	1016	17.1	1090.57	10906	-374	440.74	1365.9	406.8	85	400.2
	May 2020	984	16.0	1086.21	10532	-374	435.50	1493.9	383.5	94	389.6
	Jun 2020	946	15.9	1082.19	10193	-340	430.68	1562.0	369.9	100	391.0
	Jul 2020	835	13.6	1081.05	10098	-95	428.45	1562.0	326.1	100	390.5
	Aug 2020	781	12.7	1081.65	10148	51	428.51	1562.0	302.8	100	387.9
	Sep 2020	720	12.1	1080.37	10041	-107	428.82	1562.0	278.1	100	386.1
	WY 2020	**8541**							**3352.3**		
	Oct 2020	515	8.4	1081.94	10173	131	434.72	1066.0	204.0	68	395.9
	Nov 2020	637	10.7	1081.93	10171	-1	437.79	1066.0	250.3	68	393.0
	Dec 2020	459	7.5	1084.89	10420	249	437.14	1075.0	180.3	68	392.9
	Jan 2021	520	8.5	1089.11	10780	360	438.48	1088.0	207.6	68	399.2
	Feb 2021	519	9.3	1092.21	11048	268	442.10	994.0	205.9	61	397.1
	Mar 2021	983	16.0	1090.35	10887	-162	439.65	1374.9	395.1	85	402.0
	Apr 2021	1019	17.1	1086.84	10586	-301	436.35	1395.0	403.3	88	395.7
	May 2021	998	16.2	1083.16	10275	-311	432.80	1368.9	388.6	88	389.5
	Jun 2021	951	16.0	1080.16	10024	-250	428.17	1567.3	370.1	100	389.0
	Jul 2021	823	13.4	1080.29	10035	11	427.07	1568.1	319.8	100	388.7
	Aug 2021	777	12.6	1081.67	10150	115	428.15	1575.8	301.1	100	387.3
	Sep 2021	714	12.0	1081.26	10116	-34	429.27	1573.5	275.5	100	386.1
	WY 2021	**8914**							**3501.5**		
	Oct 2021	515	8.4	1082.83	10247	131	435.61	1070.3	204.3	68	396.6
	Nov 2021	646	10.9	1082.71	10237	-10	438.61	1069.9	254.8	68	394.4
	Dec 2021	478	7.8	1085.45	10467	231	437.80	1079.2	189.0	68	395.2

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3109

Processed On: 1/14/2020 1:37:05PM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

January 2020 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Jan 2019	418	6.8	641.89	1668	30	143.26	159.6	56.8	63	135.8
H	Feb 2019	569	10.2	643.20	1704	36	144.69	209.5	68.8	82	120.9
I	Mar 2019	749	12.2	642.57	1687	-17	140.17	218.8	94.8	86	126.6
S	Apr 2019	886	14.9	642.52	1686	-1	142.03	210.8	111.9	83	126.3
T	May 2019	937	15.2	643.32	1707	22	139.79	238.6	119.5	94	127.6
O	Jun 2019	886	14.9	642.89	1696	-12	140.50	255.0	113.6	100	128.3
R	Jul 2019	895	14.5	643.48	1712	16	142.50	255.0	113.2	100	126.5
I	Aug 2019	800	13.0	642.31	1680	-32	139.60	255.0	101.8	100	127.3
C	Sep 2019	767	12.9	638.35	1573	-107	137.20	255.0	96.0	100	125.1
	WY 2019	**8538**							**1079.9**		
A	Oct 2019	589	9.6	638.28	1572	-2	138.85	243.5	73.2	95	124.4
L	Nov 2019	457	7.7	642.13	1675	103	143.18	153.0	55.6	60	121.7
*	Dec 2019	247	4.0	640.77	1638	-37	141.96	156.3	30.5	61	123.7
	Jan 2020	343	5.6	641.80	1666	28	141.40	164.5	43.7	65	127.4
	Feb 2020	475	8.3	642.00	1671	5	140.78	209.5	60.3	82	126.8
	Mar 2020	878	14.3	643.05	1700	29	139.03	218.8	110.0	86	125.3
	Apr 2020	985	16.5	643.00	1699	-1	138.75	214.2	123.1	84	125.0
	May 2020	951	15.5	643.00	1699	0	139.09	238.6	119.1	94	125.3
	Jun 2020	904	15.2	643.00	1699	0	139.18	255.0	113.4	100	125.4
	Jul 2020	825	13.4	642.00	1671	-27	139.31	255.0	103.6	100	125.5
	Aug 2020	747	12.1	642.00	1671	0	139.29	255.0	93.7	100	125.5
	Sep 2020	744	12.5	640.01	1618	-54	138.16	255.0	92.6	100	124.5
	WY 2020	**8145**							**1018.9**		
	Oct 2020	680	11.1	633.00	1434	-183	134.22	243.5	82.3	95	120.9
	Nov 2020	556	9.3	635.00	1486	51	132.42	153.0	66.4	60	119.3
	Dec 2020	319	5.2	639.51	1604	118	137.56	156.3	39.5	61	123.9
	Jan 2021	432	7.0	641.80	1666	62	140.09	156.3	54.5	61	126.2
	Feb 2021	495	8.9	641.80	1666	0	140.40	156.5	62.7	61	126.5
	Mar 2021	920	15.0	643.05	1700	34	138.69	194.1	115.0	76	124.9
	Apr 2021	987	16.6	643.00	1699	-1	138.74	249.9	123.4	98	125.0
	May 2021	964	15.7	643.00	1699	0	139.02	255.0	120.7	100	125.2
	Jun 2021	910	15.3	643.00	1699	0	139.15	255.0	114.1	100	125.4
	Jul 2021	813	13.2	642.00	1671	-27	139.39	255.0	102.1	100	125.6
	Aug 2021	743	12.1	642.00	1671	0	139.31	255.0	93.3	100	125.5
	Sep 2021	737	12.4	640.01	1618	-54	138.21	255.0	91.7	100	124.5
	WY 2021	**8557**							**1065.6**		
	Oct 2021	680	11.1	633.00	1434	-183	134.22	227.0	82.2	89	120.9
	Nov 2021	565	9.5	635.00	1486	51	132.36	159.8	67.4	63	119.2
	Dec 2021	338	5.5	639.51	1604	118	137.41	154.7	41.9	61	123.8

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3109

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

January 2020 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Jan 2019	250	4.1	446.58	553	1	82.75	117.1	17.0	98	68.2
H	Feb 2019	372	6.7	447.53	571	18	81.87	95.4	25.5	79	68.6
I	Mar 2019	630	10.2	447.86	577	6	82.11	111.3	44.3	93	70.4
S	Apr 2019	712	12.0	447.29	567	-11	79.40	115.0	49.5	96	69.5
T	May 2019	673	11.3	448.62	592	25	80.51	119.0	48.6	99	72.2
O	Jun 2019	717	12.0	448.47	589	-3	80.43	120.0	50.3	100	70.2
R	Jul 2019	739	12.0	448.12	582	-7	80.11	120.0	51.4	100	69.5
I	Aug 2019	636	10.3	447.22	565	-17	77.13	120.0	44.3	100	69.7
C	Sep 2019	514	8.6	449.03	600	34	83.07	120.0	35.9	100	69.8
	WY 2019	**6211**							**433.7**		
A	Oct 2019	430	7.0	447.77	576	-24	83.21	90.0	30.2	75	70.1
L	Nov 2019	300	5.0	449.10	601	25	84.29	92.0	20.2	77	67.2
*	Dec 2019	159	2.6	448.16	583	-18	81.68	100.6	9.4	84	59.3
	Jan 2020	281	4.6	446.50	552	-31	76.08	91.0	17.9	76	63.7
	Feb 2020	389	6.8	446.50	552	0	75.04	95.4	25.1	79	64.6
	Mar 2020	653	10.6	446.70	555	4	74.39	111.3	42.6	93	65.1
	Apr 2020	699	11.7	448.70	593	38	75.17	118.0	46.1	98	65.9
	May 2020	696	11.3	448.70	593	0	76.09	119.0	46.3	99	66.5
	Jun 2020	715	12.0	448.70	593	0	76.05	120.0	47.6	100	66.6
	Jul 2020	701	11.4	448.00	580	-13	75.71	120.0	46.4	100	66.2
	Aug 2020	621	10.1	447.50	571	-9	75.13	120.0	40.7	100	65.5
	Sep 2020	530	8.9	447.50	570	0	74.89	120.0	34.5	100	65.1
	WY 2020	**6174**							**406.9**		
	Oct 2020	459	7.5	447.50	571	0	76.29	90.0	30.2	75	65.9
	Nov 2020	354	6.0	447.50	571	0	76.19	92.0	23.0	77	65.0
	Dec 2020	221	3.6	446.50	552	-19	75.27	100.6	13.7	84	61.8
	Jan 2021	259	4.2	446.50	552	0	75.07	94.8	16.2	79	62.7
	Feb 2021	391	7.0	446.50	552	0	75.16	93.1	25.4	78	64.9
	Mar 2021	648	10.5	446.70	555	4	74.01	120.0	42.0	100	64.8
	Apr 2021	694	11.7	448.70	593	38	75.08	120.0	45.7	100	65.8
	May 2021	705	11.5	448.70	593	0	76.05	120.0	46.9	100	66.5
	Jun 2021	720	12.1	448.70	593	0	76.05	120.0	48.0	100	66.6
	Jul 2021	689	11.2	448.00	580	-13	75.71	120.0	45.6	100	66.2
	Aug 2021	618	10.0	447.50	571	-9	75.13	120.0	40.5	100	65.5
	Sep 2021	529	8.9	447.50	570	0	74.89	120.0	34.5	100	65.1
	WY 2021	**6289**							**411.6**		
	Oct 2021	470	7.6	447.50	571	0	76.29	90.0	31.0	75	66.0
	Nov 2021	358	6.0	447.50	571	0	76.19	92.0	23.3	77	65.0
	Dec 2021	237	3.9	446.50	552	-19	74.86	109.4	14.7	91	62.0

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

January 2020 24-Month Study

Most Probable Inflow*

Upper Basin Power

	Date	Glen Canyon 1000 MWHR	Flaming Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Reservoir 1000 MWHR	Fontenelle Reservoir 1000 MWHR
*	Jan 2019	335	47	4	6	1	4
H	Feb 2019	302	42	6	8	1	3
I	Mar 2019	325	22	6	9	4	3
	Winter 2019	**1790**	**233**	**36**	**51**	**19**	**24**
S	Apr 2019	294	27	9	14	10	4
T	May 2019	299	38	23	45	21	6
O	Jun 2019	332	82	33	64	22	8
R	Jul 2019	391	39	28	54	23	7
I	Aug 2019	412	42	24	49	22	7
C	Sep 2019	312	44	15	22	18	2
	Summer 2019	**2041**	**273**	**131**	**248**	**115**	**34**
A	Oct 2019	281	31	26	27	18	5
L	Nov 2019	280	31	22	25	14	5
*	Dec 2019	336	51	26	30	17	5
	Jan 2020	322	48	18	23	11	5
	Feb 2020	285	45	12	15	8	4
	Mar 2020	294	42	6	17	9	4
	Winter 2020	**1798**	**249**	**110**	**137**	**78**	**29**
	Apr 2020	264	40	19	27	15	5
	May 2020	267	27	47	65	23	6
	Jun 2020	281	82	17	27	19	9
	Jul 2020	328	29	31	38	19	10
	Aug 2020	365	35	32	38	19	7
	Sep 2020	260	41	23	27	14	2
	Summer 2020	**1765**	**255**	**168**	**222**	**109**	**38**
	Oct 2020	278	30	18	23	12	6
	Nov 2020	277	27	6	7	4	5
	Dec 2020	310	35	17	21	11	5
	Jan 2021	368	35	13	16	9	5
	Feb 2021	319	32	13	16	0	4
	Mar 2021	338	34	0	18	8	4
	Winter 2021	**1889**	**194**	**67**	**101**	**44**	**30**
	Apr 2021	300	33	0	24	14	5
	May 2021	304	27	2	23	17	7
	Jun 2021	329	87	52	66	22	9
	Jul 2021	379	32	31	37	20	10
	Aug 2021	400	36	34	40	20	8
	Sep 2021	297	39	26	30	15	2
	Summer 2021	**2010**	**255**	**144**	**220**	**109**	**40**
	Oct 2021	283	29	26	31	16	7
	Nov 2021	282	31	19	23	12	5
	Dec 2021	316	45	31	38	19	5

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

January 2020 24-Month Study

Most Probable Inflow*

Flood Control Criteria

Beginning of Month Conditions

Date	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Lake System Total KAF	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	BOM Space Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****EFFECTIVE SPACE****										
Jan 2020	558	242	370	11718	12889	16478	29366	558	242	370	1171	11718	16478	29366	5350	397	0	31.3
Jan 2020	558	242	370	11718	12889	16478	29366	162	144	357	663	11718	16478	28859	5350	397	0	31.3
Feb 2020	648	277	380	12010	13315	16097	29411	251	181	366	798	12010	16097	28905	1500	504	0	31.2
Mar 2020	726	293	382	12222	13623	15886	29508	329	198	368	894	12222	15886	29001	1500	935	0	30.9
Apr 2020	743	298	362	12369	13772	16097	29869	343	205	340	888	12369	16097	29353	1500	1016	0	30.7
May 2020	729	301	323	12263	13616	16471	30087	323	206	278	807	12263	16471	29540	1500	984	0	31.3
Jun 2020	606	301	225	11548	12680	16845	29524	187	193	139	519	11548	16845	28912	1500	946	0	32.5
Jul 2020	510	124	168	10319	11121	17184	28305	80	-1	25	104	10319	17184	27607	1500	835	0	32.5
								****CREDITABLE SPACE****										
Aug 2020	448	120	205	10207	10981	17279	28260	448	120	205	774	10207	17279	28260	1500	781	0	32.1
Sep 2020	489	163	255	10528	11435	17229	28663	489	163	255	907	10528	17229	28663	2270	720	0	31.7
Oct 2020	561	192	312	10627	11692	17336	29028	561	192	312	1065	10627	17336	29028	3040	515	0	31.4
Nov 2020	595	215	316	10755	11881	17204	29085	595	215	316	1126	10755	17204	29085	3810	637	0	31.3
Dec 2020	623	203	322	10943	12091	17206	29297	623	203	322	1149	10943	17206	29297	4580	459	0	31.3
Jan 2021	686	235	333	11207	12461	16957	29418	686	235	333	1254	11207	16957	29418	5350	520	0	31.2
								****EFFECTIVE SPACE****										
Jan 2021	686	235	333	11207	12461	16957	29418	325	235	116	676	11207	16957	28840	5350	520	0	31.2
Feb 2021	744	253	346	11599	12942	16597	29539	382	253	129	763	11599	16597	28959	1500	519	0	31.1
Mar 2021	789	273	348	11881	13291	16329	29619	425	273	130	827	11881	16329	29037	1500	983	0	30.8
Apr 2021	783	282	309	12064	13438	16490	29928	414	282	84	780	12064	16490	29334	1500	1019	0	30.9
May 2021	746	262	235	11916	13159	16791	29950	370	262	-15	617	11916	16791	29324	1500	998	0	32.0
Jun 2021	587	94	235	10775	11691	17102	28793	199	94	-55	238	10775	17102	28115	1500	951	0	33.5
Jul 2021	521	22	375	9081	9999	17353	27352	123	19	27	169	9081	17353	26602	1500	823	0	33.6
								****CREDITABLE SPACE****										
Aug 2021	418	1	409	9008	9837	17342	27179	418	1	409	828	9008	17342	27179	1500	777	0	33.3
Sep 2021	443	37	431	9353	10264	17227	27491	443	37	431	911	9353	17227	27491	2270	714	0	32.9
Oct 2021	506	72	435	9546	10561	17261	27822	506	72	435	1014	9546	17261	27822	3040	515	0	32.7
Nov 2021	536	113	431	9644	10724	17130	27854	536	113	431	1080	9644	17130	27854	3810	646	0	32.5
Dec 2021	572	145	434	9778	10929	17140	28069	572	145	434	1151	9778	17140	28069	4580	478	0	32.5

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3109

Processed On: 1/14/2020 1:37:05PM

February 24-Month Study
Date: February 14, 2020

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

Reservoir	January Inflow (unregulated) (acre-feet)	Percent of Average (%)	February 13, Midnight Elevation (feet)	February 13, Midnight Reservoir Storage (acre-feet)
Fontenelle	34,250	113	6,479.57	164,000
Flaming Gorge	49,050	122	6,027.51	3,2554,000
Blue Mesa	24,700	102	7,485.17	544,340
Navajo	15,900	73	6,050.48	1,300,000
Powell	277,400	77	3,604.22	12,157,000

Expected Operations

The operation of Lake Powell and Lake Mead in this February 2020 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines) and reflects the 2020 Annual Operating Plan (AOP). Pursuant to the Interim Guidelines, the August 2019 24-Month Study projections of the January 1, 2020, system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2020.

Consistent with Section 6.B of the Interim Guidelines, Lake Powell's operations in water year 2020 will be governed by the Upper Elevation Balancing Tier, with an initial water year release volume of 8.23 maf and the potential for an April adjustment to equalization or balancing releases in April 2020. Based on the most probable inflow forecast, this February 24-Month Study projects an annual release of 8.23 maf in water year 2020.

Consistent with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar year 2020. In addition, Section III.B of Exhibit 1 to the Lower Basin Drought Contingency Plan (DCP) Agreement will also govern the operation of Lake Mead in calendar year 2020.

The 2020 AOP is available for download at:

https://www.usbr.gov/lc/region/g4000/aop/AOP20.pdf.
The Interim Guidelines are available for download at:
https://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The Colorado River DCPs are available for download at:
https://www.usbr.gov/lc/region/programs/dcp.html.

Fontenelle Reservoir – As of January 7, 2020, the Fontenelle Reservoir pool elevation is 6480.86 feet, which amounts to 50 percent of live storage capacity. Inflows for the month of January totaled 34,252 acre-feet (af) or 113 percent of average. Releases remain at 1050 cfs.

The January final forecast for unregulated inflows into Fontenelle for the next three months projects near average conditions. February, March, and April inflow volumes amount to 30,000 af (108 percent of average), 48,000 af (91 percent of average), and 75,000 af (88 percent of average), respectively.

The February water supply forecast of the April through July inflow volume into the Fontenelle Reservoir is 620,000 acre-feet (85 percent of average). Current snowpack is 115 percent of median for the Upper Green Basin.

The next Fontenelle Working Group meeting is scheduled for April 22, 2020 from 10:00 a.m. to 12:00 p.m. The meeting is planned to held at the 3 Telephone Canyon Road, Green River, WY 82935. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir.

Flaming Gorge Reservoir – As of February 6, 2020 Flaming Gorge Reservoir pool elevation is 6027.85 feet, which amounts to 87 percent of live storage capacity. Inflows for the month of January is 79,355 (af) or 122 percent of average. The average daily releases are planned to be sustained at 2,150 cfs until the beginning of March 2020. The February final forecast for unregulated inflows into Flaming Gorge for the next three months projects near average conditions. February, March, and April forecasted unregulated inflow volumes at 46,000 af (103 percent of average), 100,000 af (98 percent of average), and 130,000 af (97 percent of average), respectively.

The February water supply forecast of the April through July unregulated inflow volume into Flaming Gorge Reservoir is 870,000 acre-feet (89 percent of average). Current snowpack is 109 percent of median for the Upper Green Basin.

Reclamation is planning to hold the Pre-Flaming Gorge Working Group meeting on March 19, 2020 from 10:00 am to 1:00 pm at the Uintah Conference Center in Vernal UT (313 East 200 South). The Flaming Gorge Working Group meeting to review stakeholders comments and input is scheduled for April 16, 2020 from 10:00 a.m. to 1:00 p.m. at Carbon County Event Center, 450 S Fairgrounds Rd, Price, UT 84501, USA.

The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stakeholders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations and plans presented by Reclamation at these meetings. Meeting notes from past Working Group meetings are posted on the Working Group webpage. For more information on this group and these meetings please contact Dale Hamilton at 801-379-1186.

Aspinall Unit Reservoirs – As of February 9, 2020 releases from Crystal Dam are approximately 800 cfs. Gunnison Tunnel diversions are occurring about every 2 weeks to refill Fairview Reservoir. Flows in the Black Canyon are about 780 cfs. Releases from Crystal are projected to remain at about this level for the foreseeable future.

Blue Mesa did fill in 2019 and achieved a peak elevation on July 25, 2019 of 7519.15 feet above sea level which corresponded to a storage content of 827,000 af (99 percent of full pool). Since this peak filling, Blue Mesa's elevation has declined to 7485.04 feet above sea level on February 9, 2020 and this trend will continue until about the beginning of April 2020.

The unregulated inflow volume in January to Blue Mesa was 24.7 kaf (103 percent of average). Unregulated Inflow volumes forecasted for Blue Mesa for the next three months (February, March, April) are projected to be: 23,000 af (105 percent of average), 37,000 af (103 percent of average) and 65,000 af (87 percent of average), respectively. The February 24-Month Study is reflective of these new forecasts. The April through July forecasted most probable unregulated inflow volume to Blue Mesa is 560,000 af (83 percent of average). The 2020 water year forecasted unregulated inflow volume is 818,000 af which is 85 percent of average.

The Aspinall Unit Working Group is an open public forum for information exchange between Reclamation and the stakeholders of the Aspinall Unit. The public is encouraged to attend and comments on the operations and plans presented by Reclamation at these meetings. Meeting notes from past working Group meetings are posted on the Working Group webpage. For more information on this group and these meetings please contact Erik Knight in the Grand Junction Area Office at (970) 248-0629.

The next meeting of the Aspinall Unit Working Group will be held on Thursday, April 23, 2020 at 1:00 pm at the Western Colorado Area Office located at 445 West Gunnison Avenue in Grand Junction, Colorado.

Navajo Reservoir – On February 10th, the daily average release rate from Navajo Dam was approximately 429 cfs while reservoir inflow (modified unregulated) was averaging approximately 288 cfs. The water surface elevation was 6056.35 feet above sea level. At this elevation the live storage is 1.30 maf (77 percent of live storage capacity) and the active storage is 0.64 maf (62 percent of active storage capacity). NIIP is diverting 34 cfs. The river flow measured at the Animas River at Farmington USGS gage was at 202 cfs. River flow at the San Juan River at Four Corners USGS gage was 794 cfs.

Releases from Navajo Dam are made for authorized purposes of the Navajo Unit and are pursuant to the Record of Decision for the Navajo Reservoir Operations.

Preliminary modified-unregulated inflow into Navajo (inflow adjusted for upstream change in storage, reservoir evaporation and exportation from the basin) in December was 16 kaf (77 percent of average for the month).

Forecast modified-unregulated inflow to Navajo over the next three months (February, March, and April) are projected to be: 20 kaf (66 percent of average), 51 kaf (55 percent of average), and 92 kaf (54 percent of average), respectively.

The April through July runoff forecasts are as follows:
Min Probable: 320,000 af (43 percent of average)
Most Probable: 500,000 af (68 percent of average)
Max Probable: 815,000 af (111 percent of average)

Releases for the fall and winter will be made to target the San Juan River Recovery Implementation Program's recommended baseflow range of 500 cfs to 1000 cfs. Releases will likely range between 300 cfs and 600 cfs throughout the winter.

Reclamation conducts Public Operations Meetings three times per year to gather input for determining upcoming operations for Navajo Reservoir. Input from individuals, organizations, and agencies along with other factors such as weather, water rights, endangered species requirements, flood control, hydro power, recreation, fish and wildlife management, and reservoir levels, will be considered in the development of these reservoir operation plans. In addition, the meetings are used to coordinate activities and exchange information among agencies, water users, and other interested parties concerning the San Juan River and Navajo Reservoir. The next Navajo Unit Coordination Meeting will be held Tuesday, April 21, 2020 at 1:00 pm at the Farmington Civic Center (200 West Arrington, Farmington, NM).

Glen Canyon Dam / Lake Powell

Current Status

The unregulated inflow volume to Lake Powell during January was 277 thousand acre-feet (kaf) (77 percent of average). The release volume from Glen Canyon Dam in January was 760 kaf. The end of January elevation and storage of Lake Powell were 3,605 ft (95 feet from full pool) and 12.28 maf (50 percent of full capacity), respectively.

Current Operations
The operating tier for water year 2020 (September 2019 through October 2020) was established in August 2019 as the Upper Elevation Balancing Tier, consistent with Section 6.B of the Interim Guidelines. Under this Tier the initial annual water year release volume is 8.23 maf, and if the April 2020 24-Month Study projects the end of water year elevation at Lake Powell to be above 3,575 feet, and the end of water year

elevation at Lake Mead to be below 1,075 feet, Lake Powell operations will shift to balancing releases for the remainder of water year 2020. If the April 2020 24-Month Study projects the end of water year elevation to be above the 2020 Equalization elevation of 3,657 feet Lake Powell operations will shift to Equalization releases for the remainder of water year 2020. Reclamation will schedule operations at Glen Canyon Dam to achieve as practicably as possible the appropriate total annual release volume by September 30, 2020.

In February, the release volume will be approximately 675 kaf, with fluctuations anticipated between about 8,300 cfs in the nighttime to about 14,370 cfs in the daytime, and consistent with the Glen Canyon Dam, Record of Decision (dated December 2016). The anticipated release volume for March is 700 kaf with daily fluctuations between approximately 7,635 cfs and 13,935 cfs. The expected release for April is 630 kaf.

In addition to daily scheduled fluctuations for power generation, the instantaneous releases from Glen Canyon Dam may also fluctuate to provide 40 megawatts (mw) of system regulation. These instantaneous release adjustments stabilize the electrical generation and transmission system and translate to a range of about 1,200 cfs above or below the hourly scheduled release rate. Under system normal conditions, fluctuations for regulation are typically short lived and generally balance out over the hour with minimal or no noticeable impacts on downstream river flow conditions.

Releases from Glen Canyon Dam can also fluctuate beyond scheduled releases when called upon to respond to unscheduled power outages or power system emergencies. Depending on the severity of the system emergency, the response from Glen Canyon Dam can be significant, within the full range of the operating capacity of the power plant for as long as is necessary to maintain balance in the transmission system. Glen Canyon Dam currently maintains 30 mw (approximately 800 cfs) of generation capacity in reserve in order to respond to a system emergency even when generation rates are already high. System emergencies occur fairly infrequently and typically require small responses from Glen Canyon Dam. However, these responses can have a noticeable impact on the river downstream of Glen Canyon Dam.

Inflow Forecasts and Model Projections

The forecast for water year 2020 unregulated inflow to Lake Powell, issued on February 4, 2020, by the Colorado Basin River Forecast Center, projects that the most probable (median) unregulated inflow volume this year will be 8.64 maf (80 percent of average). There is significant uncertainty regarding this season's snowpack development and resulting runoff into Lake Powell. Reclamation updates the minimum and maximum probable forecasts four times a year: January, April, August and October. The January forecast ranges from a minimum probable of 6.4 maf (59 percent of average) to a maximum probable of 12.82 maf (118 percent of average). There is a 10 percent chance that inflows could be higher than the current maximum probable forecast and a 10 percent chance that inflows could be lower than the minimum probable forecast.

Based on the current forecast, the February 24-Month Study projects Lake Powell elevation will end water year 2020 near 3,617.32 feet with approximately 13.48 maf in storage (55 percent of capacity). Note that projections of elevation and storage for water year 2020 have significant uncertainty at this point in the season. Projections of end of water year 2020 elevation and storage using the minimum and maximum probable inflow forecast from January 2020 are 3,598.83 feet (11.64 maf, 48 percent of capacity) and 3,649.60 feet (17.17 maf, 71 percent of capacity), respectively. Under these scenarios, there is a 10 percent chance that inflows will be higher, resulting in higher elevation and storage, and 10 percent chance that inflows will be lower, resulting in lower elevation and storage. The annual release volume from Lake Powell during water year 2020 is projected to be 8.23 maf under the February most probable and the January minimum and maximum probable inflow scenarios.

Upper Colorado River Basin Hydrology

Upper Colorado River Basin regularly experiences significant year to year hydrologic variability. During the 20-year period 2000 to 2019, however, the unregulated inflow to Lake Powell, which is a good measure of hydrologic conditions in the Colorado River Basin, was above average in only 4 out of the past 19 years. The period 2000-2019 is the lowest 20-year period since the closure of Glen Canyon Dam in 1963, with an average unregulated inflow of 8.76 maf, or 81 percent of the 30-year average (1981-2010). (For comparison, the 1981-2010 total water year average is 10.83 maf.) The unregulated inflow during the 2000-2019 period has ranged from a low of 2.64 maf (24 percent of average) in water year 2002 to a high of 15.97 maf (147 percent of average) in water year 2011. In water year 2018 unregulated inflow volume to Lake Powell was 4.6 maf (43 percent of average), the third driest year on record above 2002 and 1977. Under the current most probable forecast, the total water year 2020 unregulated inflow to Lake Powell is projected to be 8.64 maf (80 percent of average).

At the beginning of water year 2020, total system storage in the Colorado River Basin was 31.64 maf (53 percent of 59.6 maf total system capacity). This is an increase of 3.64 maf over the total storage at the beginning of water year 2019 when total system storage was 28 maf (47 percent of capacity). Since the beginning of water year 2000, total Colorado Basin storage has experienced year to year increases and decreases in response to wet and dry hydrology, ranging from a high of 94 percent of capacity at the beginning of 2000 to the now current level of 53 percent of capacity at the beginning of water year 2020. Based on current inflow forecasts, the current projected end of water year total Colorado Basin reservoir storage for water year 2020 is approximately 30.86 maf (52 percent of total system capacity). The actual end of water year 2020 system storage may vary from this projection, primarily due to uncertainty regarding this season’s runoff and reservoir inflow.

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-430
125 SOUTH STATE STREET, ROOM 8100
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-3709

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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:	Obs				sep	Forecast				
:	oct	nov	dec	jan	%Avg	feb	mar	apr	apr-jul	%Avg
GLDA3:Lake Powell	265	404	353	277	77%:	340/	550/	750/	5700/:	80%
GBRW4:Fontenelle	51	47	36	34	112%:	30/	48/	75/	620/:	86%
GRNU1:Flaming Gorge	53	63	43	49	122%:	46/	100/	130/	870/:	89%
BMDC2:Blue Mesa	28	31	29	25	103%:	23/	37/	65/	560/:	83%
MPSC2:Morrow Point	29	32	30	27	102%:	26/	41/	75/	610/:	82%
CLSC2:Crystal	33	35	34	31	99%:	29/	46/	85/	685/:	82%
TPIC2:Taylor Park	7.4	4.8	5.4	4.6	108%:	4.0/	4.0/	7.0/	85/:	86%
VCRC2:Vallecito	4.4	4.1	3.9	4.6	85%:	3.5/	5.5/	15/	146/:	75%
NVRN5:Navajo	5.8	14.9	16.2	15.9	73%:	20/	51/	92/	500/:	68%
LEMC2:Lemon	0.60	0.55	0.65	0.56	64%:	0.5/	1.0/	4/	40/:	73%
MPHC2:McPhee	2.5	2.3	3.0	2.4	53%:	3.5/	13.0/	50.0/	235/:	80%
RBSC2:Ridgway	4.8	4.7	3.9	3.4	85%:	3.4/	5.0/	9.0/	84/:	83%
YDLC2:Deerlodge	22	29	29	25	101%:	24/	75/	205/	1260/:	102%
DRGC2:Durango	14.5	12.5	9.8	8.5	64%:	8.0/	14.0/	32.0/	310/:	75%

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

February 2020 24-Month Study

Most Probable Inflow*

Fontenelle Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Feb 2019	26	0	55	1	56	6470.41	120
H	Mar 2019	37	0	61	0	61	6464.13	95
I	Apr 2019	114	1	71	0	71	6474.10	137
S	May 2019	167	1	98	0	98	6486.46	204
T	Jun 2019	337	2	107	171	278	6494.89	261
O	Jul 2019	184	3	86	39	125	6502.48	317
R	Aug 2019	57	2	74	0	74	6499.98	298
I	Sep 2019	41	2	19	47	66	6496.36	271
	WY 2019	**1101**	**15**	**799**	**278**	**1077**		
C	Oct 2019	51	1	61	7	68	6493.83	253
A	Nov 2019	47	1	63	0	63	6491.39	236
L	Dec 2019	36	1	65	0	65	6487.01	208
*	Jan 2020	34	1	65	0	65	6481.89	177
	Feb 2020	30	1	60	0	60	6476.02	146
	Mar 2020	48	0	71	0	71	6470.91	123
	Apr 2020	75	1	77	0	77	6470.22	120
	May 2020	135	1	88	0	88	6479.79	166
	Jun 2020	265	2	102	23	126	6500.50	303
	Jul 2020	145	3	101	13	114	6504.19	331
	Aug 2020	60	2	76	0	76	6501.82	313
	Sep 2020	45	2	20	46	65	6498.88	291
	WY 2020	**971**	**15**	**850**	**88**	**938**		
	Oct 2020	48	1	68	0	68	6496.03	270
	Nov 2020	42	1	65	0	65	6492.58	245
	Dec 2020	32	1	68	0	68	6487.08	209
	Jan 2021	30	1	68	0	68	6480.78	171
	Feb 2021	28	1	61	0	61	6474.07	137
	Mar 2021	53	0	70	0	70	6470.11	120
	Apr 2021	85	1	79	0	79	6471.38	125
	May 2021	164	1	91	0	91	6485.02	196
	Jun 2021	299	2	104	82	185	6501.15	308
	Jul 2021	178	3	100	43	144	6505.13	339
	Aug 2021	77	2	72	0	72	6505.45	341
	Sep 2021	46	2	19	46	65	6502.72	320
	WY 2021	**1081**	**15**	**865**	**171**	**1036**		
	Oct 2021	49	1	77	0	77	6498.85	290
	Nov 2021	42	1	71	0	71	6494.71	260
	Dec 2021	32	1	74	0	74	6488.40	218
	Jan 2022	30	1	74	0	74	6481.23	174

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3113

Processed On: 2/13/2020 10:27:59AM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

February 2020 24-Month Study

Most Probable Inflow*

Flaming Gorge Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	Feb 2019	34	63	2	112	0	112	127	6024.69	3149	143
H	Mar 2019	74	99	3	58	0	58	128	6025.67	3185	128
I	Apr 2019	240	198	5	71	0	71	133	6028.79	3303	341
S	May 2019	252	183	8	99	0	99	136	6030.71	3376	568
T	Jun 2019	460	400	11	215	100	315	139	6032.55	3448	950
O	Jul 2019	227	169	14	100	0	100	141	6033.89	3502	376
R	Aug 2019	59	76	13	109	0	109	139	6032.79	3458	151
I	Sep 2019	49	74	11	113	0	113	137	6031.57	3410	134
	WY 2019	**1553**	**1529**	**82**	**1315**	**100**	**1415**				**3351**
C	Oct 2019	53	70	7	80	0	80	136	6031.13	3393	109
A	Nov 2019	63	79	4	81	0	81	136	6030.99	3387	115
L	Dec 2019	43	72	2	132	0	132	134	6029.43	3327	169
*	Jan 2020	49	79	2	133	0	133	132	6028.03	3274	168
	Feb 2020	46	76	2	124	0	124	130	6026.77	3226	148
	Mar 2020	100	123	3	120	0	120	130	6026.77	3226	195
	Apr 2020	130	132	5	116	0	116	130	6027.07	3237	321
	May 2020	210	163	8	52	0	52	134	6029.67	3336	562
	Jun 2020	365	226	10	282	58	340	129	6026.51	3217	810
	Jul 2020	165	134	13	78	0	78	131	6027.60	3257	153
	Aug 2020	65	81	12	92	0	92	130	6027.00	3235	113
	Sep 2020	50	70	11	89	0	89	129	6026.24	3206	104
	WY 2020	**1339**	**1306**	**80**	**1380**	**58**	**1438**				**2968**
	Oct 2020	55	75	7	75	0	75	129	6026.05	3199	103
	Nov 2020	50	73	3	71	0	71	129	6026.00	3197	101
	Dec 2020	35	71	2	77	0	77	128	6025.80	3190	102
	Jan 2021	40	78	2	77	0	77	128	6025.77	3189	102
	Feb 2021	45	78	2	69	0	69	129	6025.94	3195	97
	Mar 2021	102	120	3	101	0	101	129	6026.33	3210	178
	Apr 2021	134	127	5	98	0	98	130	6026.95	3233	313
	May 2021	245	173	8	55	0	55	134	6029.73	3338	587
	Jun 2021	390	276	10	238	75	313	132	6028.53	3293	733
	Jul 2021	210	176	14	77	0	77	136	6030.69	3376	177
	Aug 2021	89	84	13	98	0	98	135	6030.01	3349	124
	Sep 2021	55	75	11	95	0	95	134	6029.21	3319	114
	WY 2021	**1449**	**1405**	**80**	**1133**	**75**	**1208**				**2731**
	Oct 2021	59	87	7	77	0	77	134	6029.30	3322	109
	Nov 2021	51	80	3	94	0	94	133	6028.86	3305	126
	Dec 2021	35	77	2	141	0	141	130	6027.17	3241	167
	Jan 2022	40	84	2	141	0	141	128	6025.65	3184	166

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3113

Processed On: 2/13/2020 10:27:59AM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

February 2020 24-Month Study

Most Probable Inflow*

Taylor Park Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Feb 2019	3	3	9303.16	60
H	Mar 2019	5	4	9303.75	60
I	Apr 2019	10	7	9306.14	64
S	May 2019	21	26	9302.64	59
T	Jun 2019	68	38	9320.92	89
O	Jul 2019	47	32	9328.49	103
R	Aug 2019	15	24	9323.77	94
I	Sep 2019	7	20	9316.42	81
	WY 2019	**191**	**168**		
C	Oct 2019	7	11	9314.38	77
A	Nov 2019	5	6	9313.69	76
L	Dec 2019	5	6	9313.35	75
*	Jan 2020	5	6	9312.60	74
	Feb 2020	4	6	9311.65	73
	Mar 2020	4	6	9310.32	70
	Apr 2020	7	6	9310.98	71
	May 2020	23	13	9316.82	81
	Jun 2020	40	22	9326.51	99
	Jul 2020	15	22	9323.12	93
	Aug 2020	9	19	9317.57	83
	Sep 2020	4	18	9309.33	69
	WY 2020	**128**	**140**		
	Oct 2020	5	7	9307.62	66
	Nov 2020	4	5	9307.15	65
	Dec 2020	5	5	9306.81	65
	Jan 2021	4	5	9306.24	64
	Feb 2021	4	5	9305.64	63
	Mar 2021	4	5	9305.13	62
	Apr 2021	9	10	9304.28	61
	May 2021	28	14	9313.42	75
	Jun 2021	42	20	9325.45	97
	Jul 2021	20	24	9323.70	94
	Aug 2021	10	19	9319.00	85
	Sep 2021	7	18	9313.14	75
	WY 2021	**143**	**137**		
	Oct 2021	7	12	9310.16	70
	Nov 2021	5	5	9310.20	70
	Dec 2021	5	5	9309.87	70
	Jan 2022	4	5	9309.34	69

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3113

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

February 2020 24-Month Study

Most Probable Inflow*

Blue Mesa Reservoir

	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Feb 2019	20	20	0	23	0	23	7437.59	248
H	Mar 2019	28	27	0	25	0	25	7438.01	250
I	Apr 2019	121	118	0	33	0	33	7453.91	335
S	May 2019	214	218	1	86	18	105	7471.68	447
T	Jun 2019	471	444	1	124	70	194	7504.14	696
O	Jul 2019	282	266	2	87	51	138	7518.61	823
R	Aug 2019	92	100	1	76	62	137	7514.39	784
I	Sep 2019	32	45	1	45	47	93	7508.84	736
	WY 2019	**1344**	**1320**	**7**	**601**	**260**	**859**		
C	Oct 2019	28	32	1	82	3	85	7502.51	682
A	Nov 2019	31	32	0	72	0	72	7497.65	642
L	Dec 2019	29	30	0	84	0	84	7490.79	588
*	Jan 2020	25	26	0	59	0	59	7486.45	554
	Feb 2020	23	25	0	43	0	43	7483.92	535
	Mar 2020	37	39	0	44	0	44	7483.21	530
	Apr 2020	65	64	1	67	0	67	7482.75	526
	May 2020	175	165	1	162	0	162	7483.02	528
	Jun 2020	230	212	1	54	0	54	7502.84	685
	Jul 2020	90	97	1	89	0	89	7503.55	691
	Aug 2020	51	61	1	65	25	91	7499.88	660
	Sep 2020	35	49	1	74	0	74	7496.61	634
	WY 2020	**819**	**831**	**8**	**896**	**28**	**925**		
	Oct 2020	36	39	1	61	0	61	7493.74	611
	Nov 2020	30	31	0	19	0	19	7495.22	623
	Dec 2020	26	26	0	62	0	62	7490.61	586
	Jan 2021	24	25	0	44	0	44	7488.18	567
	Feb 2021	22	23	0	43	0	43	7485.54	547
	Mar 2021	36	37	0	0	45	45	7484.34	538
	Apr 2021	77	78	1	0	57	57	7487.00	558
	May 2021	221	207	1	6	31	37	7507.76	726
	Jun 2021	261	239	1	166	0	166	7515.96	798
	Jul 2021	117	120	2	97	0	97	7518.29	820
	Aug 2021	63	72	1	108	0	108	7514.21	783
	Sep 2021	38	48	1	90	0	90	7509.27	740
	WY 2021	**952**	**946**	**9**	**698**	**134**	**832**		
	Oct 2021	38	43	1	84	0	84	7504.39	698
	Nov 2021	31	31	0	62	0	62	7500.65	667
	Dec 2021	26	26	0	104	0	104	7490.96	589
	Jan 2022	24	25	0	57	0	57	7486.82	557

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3113

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

February 2020 24-Month Study

Most Probable Inflow*

Morrow Point Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Feb 2019	20	23	0	24	23	0	23	7147.57	107
H	Mar 2019	29	25	1	26	26	0	26	7146.90	107
I	Apr 2019	136	33	15	47	41	0	41	7155.16	113
S	May 2019	240	105	25	130	127	0	131	7154.68	113
T	Jun 2019	512	194	41	235	186	0	234	7155.10	113
O	Jul 2019	295	138	13	150	151	0	151	7154.18	112
R	Aug 2019	93	137	2	139	137	0	139	7153.99	112
I	Sep 2019	32	93	1	93	60	0	96	7151.09	110
	WY 2019	**1446**	**859**	**102**	**961**	**858**	**0**	**949**		
C	Oct 2019	29	85	1	86	78	0	89	7147.93	107
A	Nov 2019	32	72	1	72	71	0	71	7149.15	108
L	Dec 2019	30	84	1	85	85	0	85	7149.15	108
*	Jan 2020	27	59	2	61	63	0	63	7147.57	107
	Feb 2020	26	43	3	46	46	0	46	7147.94	107
	Mar 2020	41	44	4	48	48	0	48	7147.94	107
	Apr 2020	75	67	10	77	77	0	77	7147.94	107
	May 2020	195	162	20	182	182	0	182	7147.94	107
	Jun 2020	245	54	15	69	69	0	69	7147.94	107
	Jul 2020	95	89	5	94	94	0	94	7147.94	107
	Aug 2020	54	91	3	94	94	0	94	7147.94	107
	Sep 2020	37	74	2	76	76	0	76	7147.94	107
	WY 2020	**886**	**925**	**67**	**992**	**983**	**0**	**994**		
	Oct 2020	38	61	2	63	63	0	63	7147.94	107
	Nov 2020	32	19	2	21	21	0	21	7147.94	107
	Dec 2020	28	62	2	64	64	0	64	7147.94	107
	Jan 2021	27	44	2	46	46	0	46	7147.94	107
	Feb 2021	25	43	3	46	46	0	46	7147.94	107
	Mar 2021	40	45	4	49	49	0	49	7147.94	107
	Apr 2021	88	57	11	69	69	0	69	7147.94	107
	May 2021	247	37	26	63	63	0	63	7147.94	107
	Jun 2021	281	166	20	186	186	0	186	7147.94	107
	Jul 2021	123	97	6	104	104	0	104	7147.94	107
	Aug 2021	67	108	3	111	111	0	111	7147.94	107
	Sep 2021	41	90	3	93	93	0	93	7147.94	107
	WY 2021	**1037**	**832**	**84**	**916**	**916**	**0**	**916**		
	Oct 2021	41	84	3	87	87	0	87	7147.94	107
	Nov 2021	33	62	2	64	64	0	64	7147.94	107
	Dec 2021	28	104	2	106	106	0	106	7147.94	107
	Jan 2022	27	57	2	59	59	0	59	7147.94	107

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

February 2020 24-Month Study

Most Probable Inflow*

Crystal Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
*	Feb 2019	24	23	3	27	9	17	26	6748.26	16	1	25
H	Mar 2019	34	26	5	32	30	0	30	6752.77	17	0	29
I	Apr 2019	150	41	15	55	55	0	55	6753.29	17	26	29
S	May 2019	264	131	24	155	108	31	153	6759.30	19	47	105
T	Jun 2019	558	234	46	280	115	73	282	6753.12	17	51	231
O	Jul 2019	321	151	26	177	121	57	178	6746.79	15	59	124
R	Aug 2019	98	139	5	144	119	28	147	6733.35	12	64	87
I	Sep 2019	36	96	4	99	94	0	95	6750.61	16	61	33
	WY 2019	**1587**	**949**	**142**	**1091**	**768**	**210**	**1087**			**344**	**747**
C	Oct 2019	33	89	3	92	92	0	92	6749.75	16	64	29
A	Nov 2019	35	71	4	75	76	0	76	6746.90	15	2	72
L	Dec 2019	34	85	4	89	89	0	89	6746.40	15	0	86
*	Jan 2020	31	63	4	67	58	9	67	6745.61	15	1	64
	Feb 2020	29	46	3	49	48	0	48	6749.63	16	0	48
	Mar 2020	46	48	5	53	53	0	53	6749.63	16	5	48
	Apr 2020	85	77	10	87	87	0	87	6749.63	16	42	45
	May 2020	225	182	30	212	136	76	212	6749.63	16	62	150
	Jun 2020	275	69	30	99	99	0	99	6749.63	16	61	38
	Jul 2020	100	94	5	99	99	0	99	6749.63	16	65	34
	Aug 2020	62	94	8	102	102	0	102	6749.63	16	65	37
	Sep 2020	41	76	4	80	80	0	80	6749.63	16	55	25
	WY 2020	**996**	**994**	**110**	**1104**	**1019**	**86**	**1104**			**421**	**676**
	Oct 2020	43	63	5	68	68	0	68	6749.63	16	30	38
	Nov 2020	37	21	4	25	25	0	25	6749.63	16	0	25
	Dec 2020	32	64	5	69	69	0	69	6749.63	16	0	69
	Jan 2021	31	46	5	51	51	0	51	6749.63	16	0	51
	Feb 2021	29	46	4	50	50	0	50	6749.63	16	0	50
	Mar 2021	46	49	6	56	56	0	56	6749.63	16	5	51
	Apr 2021	101	69	12	81	81	0	81	6749.63	16	42	39
	May 2021	281	63	34	98	98	0	98	6749.63	16	62	36
	Jun 2021	315	186	34	220	132	88	220	6749.63	16	61	159
	Jul 2021	138	104	14	118	118	0	118	6749.63	16	65	53
	Aug 2021	75	111	8	119	119	0	119	6749.63	16	65	54
	Sep 2021	47	93	6	99	52	47	99	6749.63	16	55	44
	WY 2021	**1175**	**916**	**138**	**1054**	**919**	**135**	**1054**			**385**	**669**
	Oct 2021	47	87	6	93	93	0	93	6749.63	16	30	63
	Nov 2021	38	64	5	69	69	0	69	6749.63	16	0	69
	Dec 2021	32	106	5	111	111	0	111	6749.63	16	0	111
	Jan 2022	31	59	5	64	64	0	64	6749.63	16	0	64

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

February 2020 24-Month Study

Most Probable Inflow*

Vallecito Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Feb 2019	4	0	7627.67	41
H	Mar 2019	6	6	7627.39	40
I	Apr 2019	32	25	7631.32	47
S	May 2019	58	41	7640.08	64
T	Jun 2019	160	101	7664.36	124
O	Jul 2019	69	68	7664.45	124
R	Aug 2019	20	38	7657.21	105
I	Sep 2019	8	33	7646.82	79
	WY 2019	**378**	**316**		
C	Oct 2019	4	13	7643.13	71
A	Nov 2019	4	2	7644.14	73
L	Dec 2019	4	2	7645.07	75
*	Jan 2020	5	2	7646.26	78
	Feb 2020	4	2	7646.99	80
	Mar 2020	6	2	7648.46	84
	Apr 2020	15	2	7653.78	96
	May 2020	52	31	7661.68	117
	Jun 2020	58	51	7664.20	123
	Jul 2020	21	41	7656.17	102
	Aug 2020	15	38	7646.66	79
	Sep 2020	14	29	7639.63	64
	WY 2020	**201**	**213**		
	Oct 2020	14	16	7638.17	61
	Nov 2020	8	2	7640.83	66
	Dec 2020	6	2	7642.86	71
	Jan 2021	5	2	7644.42	74
	Feb 2021	5	2	7645.73	77
	Mar 2021	9	2	7648.54	84
	Apr 2021	23	2	7657.15	105
	May 2021	71	53	7664.04	123
	Jun 2021	70	70	7663.86	123
	Jul 2021	29	42	7658.89	109
	Aug 2021	20	38	7651.55	91
	Sep 2021	17	30	7646.29	78
	WY 2021	**278**	**260**		
	Oct 2021	16	17	7645.52	77
	Nov 2021	9	2	7648.19	83
	Dec 2021	6	2	7650.04	87
	Jan 2022	5	2	7651.48	91

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

February 2020 24-Month Study

Most Probable Inflow*

Navajo Reservoir

	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azotea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Farmington Flow (1000 Ac-Ft)
*	Feb 2019	17	0	14	1	1	16	6014.90	865	37
H	Mar 2019	114	1	113	1	4	18	6024.61	955	62
I	Apr 2019	230	24	203	2	20	20	6040.36	1117	102
S	May 2019	270	34	215	3	25	25	6054.45	1279	139
T	Jun 2019	491	57	376	4	36	114	6071.44	1501	386
O	Jul 2019	171	26	142	5	47	60	6073.56	1531	228
R	Aug 2019	40	6	52	4	42	78	6068.40	1459	104
I	Sep 2019	3	0	29	3	29	67	6063.13	1388	71
	WY 2019	**1401**	**150**	**1188**	**26**	**211**	**483**			**1264**
C	Oct 2019	6	0	15	2	6	33	6061.08	1362	46
A	Nov 2019	15	0	13	1	0	25	6060.04	1348	45
L	Dec 2019	16	0	14	1	0	36	6058.25	1326	59
*	Jan 2020	16	0	13	1	0	30	6056.81	1308	44
	Feb 2020	20	0	18	1	0	23	6056.38	1302	31
	Mar 2020	51	2	45	2	6	22	6057.69	1319	36
	Apr 2020	92	9	70	2	21	21	6059.69	1344	53
	May 2020	205	26	158	4	36	30	6066.44	1432	138
	Jun 2020	170	21	142	4	53	30	6070.45	1487	155
	Jul 2020	33	1	53	5	57	31	6067.57	1447	76
	Aug 2020	28	1	49	4	48	32	6065.01	1413	60
	Sep 2020	30	1	44	3	26	46	6062.67	1382	70
	WY 2020	**682**	**61**	**634**	**28**	**253**	**359**			**812**
	Oct 2020	37	2	38	2	9	31	6062.40	1379	54
	Nov 2020	30	0	24	1	0	30	6061.89	1372	46
	Dec 2020	25	0	21	1	0	31	6061.05	1361	46
	Jan 2021	22	0	18	1	0	31	6060.03	1348	44
	Feb 2021	30	0	27	1	0	28	6059.88	1346	40
	Mar 2021	92	9	77	2	6	31	6062.91	1385	53
	Apr 2021	170	21	128	3	22	30	6068.46	1459	82
	May 2021	277	37	222	4	37	187	6068.07	1454	333
	Jun 2021	224	29	195	4	53	272	6057.72	1319	424
	Jul 2021	66	5	74	4	57	43	6055.23	1288	110
	Aug 2021	45	2	61	3	48	31	6053.49	1267	69
	Sep 2021	43	2	54	3	26	30	6053.09	1262	62
	WY 2021	**1062**	**106**	**938**	**27**	**258**	**772**			**1364**
	Oct 2021	47	2	46	2	9	31	6053.49	1267	59
	Nov 2021	34	0	27	1	0	30	6053.19	1264	48
	Dec 2021	25	0	21	1	0	31	6052.29	1253	46
	Jan 2022	22	0	18	1	0	31	6051.21	1240	44

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

February 2020 24-Month Study

Most Probable Inflow*

Lake Powell

	Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry Gage (1000 Ac-Ft)
*	Feb 2019	255	339	7	730	0	730	3571.89	4795	9261	741
H	Mar 2019	625	574	11	791	0	791	3569.28	4778	9049	798
I	Apr 2019	1242	899	18	720	0	720	3571.12	4790	9198	734
S	May 2019	2511	1980	23	720	0	720	3584.65	4881	10343	752
T	Jun 2019	4206	3583	41	765	0	765	3611.82	5087	12914	807
O	Jul 2019	2451	2015	57	857	0	857	3621.60	5168	13933	896
R	Aug 2019	472	608	58	900	0	900	3618.55	5143	13610	932
I	Sep 2019	143	379	52	687	0	687	3615.36	5116	13277	703
	WY 2019	**12951**	**11787**	**356**	**8924**	**77**	**9001**				**9242**
C	Oct 2019	265	397	35	625	0	625	3612.99	5096	13034	633
A	Nov 2019	404	466	34	626	0	626	3611.23	5082	12855	630
L	Dec 2019	353	506	27	750	0	750	3608.74	5062	12604	756
*	Jan 2020	277	419	8	760	0	760	3605.48	5036	12281	767
	Feb 2020	340	439	9	675	0	675	3603.16	5018	12055	684
	Mar 2020	550	555	15	700	0	700	3601.64	5006	11907	714
	Apr 2020	750	697	23	630	0	630	3602.06	5010	11948	645
	May 2020	1700	1417	28	630	0	630	3609.20	5066	12650	641
	Jun 2020	2400	2132	47	650	0	650	3622.03	5172	13980	661
	Jul 2020	850	817	58	750	0	750	3622.11	5173	13988	769
	Aug 2020	400	520	58	835	0	835	3618.86	5145	13643	852
	Sep 2020	355	477	52	599	0	599	3617.32	5132	13482	612
	WY 2020	**8644**	**8844**	**394**	**8230**	**0**	**8230**				**8364**
	Oct 2020	468	517	36	640	0	640	3615.91	5120	13335	650
	Nov 2020	452	463	34	640	0	640	3614.01	5105	13139	641
	Dec 2020	363	447	27	720	0	720	3611.29	5083	12861	726
	Jan 2021	361	426	8	860	0	860	3607.21	5050	12451	871
	Feb 2021	393	437	9	750	0	750	3604.17	5026	12153	759
	Mar 2021	665	627	15	800	0	800	3602.38	5012	11979	814
	Apr 2021	1056	902	23	710	0	710	3603.99	5025	12135	725
	May 2021	2343	1953	29	710	0	710	3615.18	5114	13259	721
	Jun 2021	2666	2624	49	750	0	750	3630.86	5250	14949	761
	Jul 2021	1091	977	62	850	0	850	3631.39	5254	15009	869
	Aug 2021	500	590	62	900	0	900	3628.31	5227	14665	917
	Sep 2021	408	515	56	670	0	670	3626.54	5211	14469	684
	WY 2021	**10766**	**10477**	**411**	**9000**	**0**	**9000**				**9138**
	Oct 2021	512	571	38	640	0	640	3625.63	5203	14370	650
	Nov 2021	473	544	37	640	0	640	3624.50	5193	14246	641
	Dec 2021	363	553	29	720	0	720	3622.82	5179	14064	726
	Jan 2022	361	504	9	860	0	860	3619.65	5152	13726	871

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3113

Processed On: 2/13/2020 10:27:59AM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

February 2020 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

BUREAU OF RECLAMATION

	Date	Glen Release (1000 Ac-Ft)	Side Inflow Glen to Hoover (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Feb 2019	730	126	28	621	11.2	6	620	694	1087.97	10682
H	Mar 2019	791	200	32	738	12.0	13	737	707	1090.24	10878
I	Apr 2019	720	118	39	902	15.2	15	900	700	1088.95	10767
S	May 2019	720	108	45	989	16.1	18	988	686	1086.48	10555
T	Jun 2019	765	69	54	912	15.3	27	911	676	1084.71	10405
O	Jul 2019	857	20	67	946	15.4	33	946	666	1082.82	10246
R	Aug 2019	900	64	71	802	13.0	34	801	669	1083.45	10299
I	Sep 2019	687	58	59	696	11.7	30	690	667	1083.00	10261
	WY 2019	**9001**	**1087**	**547**	**8892**		**234**	**8868**			
C	Oct 2019	625	34	43	626	10.2	25	621	665	1082.61	10228
A	Nov 2019	626	116	40	575	9.7	13	553	672	1083.85	10333
L	Dec 2019	750	117	37	220	3.6	6	214	708	1090.49	10899
*	Jan 2020	760	75	31	405	6.6	9	404	732	1094.68	11265
	Feb 2020	675	91	29	517	9.0	9	517	745	1096.95	11464
	Mar 2020	700	57	32	948	15.4	14	948	731	1094.41	11242
	Apr 2020	630	49	40	1014	17.0	21	1014	707	1090.15	10870
	May 2020	630	30	45	980	15.9	28	980	683	1085.83	10500
	Jun 2020	650	17	54	947	15.9	29	947	660	1081.79	10160
	Jul 2020	750	80	67	837	13.6	29	837	654	1080.63	10064
	Aug 2020	835	100	71	783	12.7	30	783	657	1081.22	10112
	Sep 2020	599	91	58	716	12.0	25	716	651	1079.98	10010
	WY 2020	**8230**	**856**	**547**	**8567**		**236**	**8534**			
	Oct 2020	640	82	42	513	8.3	24	513	659	1081.59	10143
	Nov 2020	640	54	43	617	10.4	16	617	660	1081.80	10160
	Dec 2020	720	51	37	453	7.4	10	453	677	1084.82	10415
	Jan 2021	860	83	31	520	8.5	9	520	700	1089.04	10775
	Feb 2021	750	91	28	519	9.3	9	519	718	1092.14	11043
	Mar 2021	800	57	32	983	16.0	14	983	707	1090.28	10881
	Apr 2021	710	49	39	1019	17.1	21	1019	688	1086.77	10580
	May 2021	710	30	45	997	16.2	29	997	667	1083.09	10269
	Jun 2021	750	17	53	951	16.0	29	951	651	1080.09	10019
	Jul 2021	850	80	66	823	13.4	29	823	652	1080.22	10029
	Aug 2021	900	100	71	777	12.6	30	777	659	1081.60	10144
	Sep 2021	670	91	58	713	12.0	25	713	657	1081.19	10110
	WY 2021	**9000**	**784**	**546**	**8887**		**245**	**8887**			
	Oct 2021	640	82	43	515	8.4	24	515	666	1082.76	10241
	Nov 2021	640	54	43	646	10.9	16	646	665	1082.64	10231
	Dec 2021	720	51	37	478	7.8	11	478	680	1085.38	10461
	Jan 2022	860	83	31	520	8.5	9	520	703	1089.58	10820

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3113

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

February 2020 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

	Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Feb 2019	621	-6	10	569	0	569	10.2	643.20	1704
H	Mar 2019	738	7	13	749	0	749	12.2	642.57	1687
I	Apr 2019	902	0	17	886	0	886	14.9	642.52	1686
S	May 2019	989	-9	22	937	0	937	15.2	643.32	1707
T	Jun 2019	912	-12	25	886	0	886	14.9	642.89	1696
O	Jul 2019	946	-11	25	895	0	894	14.5	643.48	1712
R	Aug 2019	802	-11	23	800	0	800	13.0	642.31	1680
I	Sep 2019	696	-17	18	767	0	767	12.9	638.35	1573
	WY 2019	**8892**	**-142**	**198**	**8538**	**0**	**8539**			
C	Oct 2019	626	-24	15	589	0	589	9.6	638.28	1572
A	Nov 2019	575	-4	11	457	0	457	7.7	642.13	1675
L	Dec 2019	220	0	9	247	0	247	4.0	640.77	1638
*	Jan 2020	405	0	10	380	0	380	6.2	641.32	1653
	Feb 2020	517	-13	10	475	0	475	8.3	642.00	1671
	Mar 2020	948	-15	13	906	0	906	14.7	642.50	1685
	Apr 2020	1014	-17	17	967	0	967	16.2	643.00	1699
	May 2020	980	-11	22	947	0	947	15.4	643.00	1699
	Jun 2020	947	-16	25	905	0	905	15.2	643.00	1699
	Jul 2020	837	-12	25	827	0	827	13.5	642.00	1671
	Aug 2020	783	-11	23	749	0	749	12.2	642.00	1671
	Sep 2020	716	-12	18	739	0	739	12.4	640.01	1618
	WY 2020	**8567**	**-136**	**198**	**8188**	**0**	**8188**			
	Oct 2020	513	-4	15	678	0	678	11.0	633.00	1434
	Nov 2020	617	-19	10	537	0	537	9.0	635.00	1486
	Dec 2020	453	-12	9	313	0	313	5.1	639.51	1604
	Jan 2021	520	-16	10	432	0	432	7.0	641.80	1666
	Feb 2021	519	-13	10	496	0	496	8.9	641.80	1666
	Mar 2021	983	-15	13	920	0	920	15.0	643.05	1700
	Apr 2021	1019	-17	17	988	0	988	16.6	643.00	1699
	May 2021	997	-11	22	964	0	964	15.7	643.00	1699
	Jun 2021	951	-16	25	910	0	910	15.3	643.00	1699
	Jul 2021	823	-12	25	813	0	813	13.2	642.00	1671
	Aug 2021	777	-11	23	743	0	743	12.1	642.00	1671
	Sep 2021	713	-12	18	737	0	737	12.4	640.01	1618
	WY 2021	**8887**	**-159**	**197**	**8530**	**0**	**8530**			
	Oct 2021	515	-4	15	680	0	680	11.1	633.00	1434
	Nov 2021	646	-19	10	565	0	565	9.5	635.00	1486
	Dec 2021	478	-12	9	338	0	338	5.5	639.51	1604
	Jan 2022	520	-16	10	432	0	432	7.0	641.80	1666

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3113

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

February 2020 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

— BUREAU OF — RECLAMATION

	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	Feb 2019	569	13	8	372	6.7	31	151	447.53	571	143	2.6
H	Mar 2019	749	-5	9	630	10.2	11	83	447.86	577	185	3.0
I	Apr 2019	886	6	11	712	12.0	28	144	447.29	567	170	2.9
S	May 2019	937	8	13	693	11.3	51	154	448.62	592	128	2.1
T	Jun 2019	886	11	15	717	12.0	53	104	448.47	589	138	2.3
O	Jul 2019	894	15	17	739	12.0	59	92	448.12	582	146	2.4
R	Aug 2019	800	15	17	636	10.3	67	102	447.22	565	111	1.8
I	Sep 2019	767	26	15	514	8.6	61	160	449.03	600	103	1.7
	WY 2019	**8539**	**173**	**140**	**6231**		**690**	**1571**			**1515**	
C	Oct 2019	589	18	12	430	7.0	30	151	447.77	576	68	1.1
A	Nov 2019	457	22	9	300	5.0	16	125	449.10	601	118	2.0
L	Dec 2019	247	17	7	159	2.6	46	72	448.16	583	109	1.8
*	Jan 2020	380	1	6	311	5.1	17	75	446.50	552	106	1.7
	Feb 2020	475	11	8	391	6.8	3	78	446.50	552	126	2.2
	Mar 2020	906	5	9	655	10.6	57	163	447.50	570	168	2.7
	Apr 2020	967	12	11	697	11.7	81	156	448.70	593	151	2.5
	May 2020	947	13	13	696	11.3	77	161	448.70	593	125	2.0
	Jun 2020	905	11	16	714	12.0	76	97	448.70	593	138	2.3
	Jul 2020	827	19	17	701	11.4	77	52	448.00	580	149	2.4
	Aug 2020	749	20	17	621	10.1	77	52	447.50	571	114	1.9
	Sep 2020	739	14	15	529	8.9	68	131	447.50	570	110	1.9
	WY 2020	**8188**	**162**	**140**	**6205**		**625**	**1313**			**1482**	
	Oct 2020	678	24	12	458	7.5	61	164	447.50	571	69	1.1
	Nov 2020	537	14	9	364	6.1	38	134	447.50	571	88	1.5
	Dec 2020	313	22	7	232	3.8	39	73	446.50	552	93	1.5
	Jan 2021	432	18	6	259	4.2	90	91	446.50	552	102	1.7
	Feb 2021	496	11	8	391	7.0	17	84	446.50	552	127	2.3
	Mar 2021	920	5	9	649	10.5	86	170	446.70	555	167	2.7
	Apr 2021	988	12	11	694	11.7	83	163	448.70	593	152	2.6
	May 2021	964	13	13	705	11.5	74	172	448.70	593	127	2.1
	Jun 2021	910	11	16	720	12.1	72	100	448.70	593	141	2.4
	Jul 2021	813	19	17	689	11.2	74	52	448.00	580	152	2.5
	Aug 2021	743	20	17	618	10.0	74	52	447.50	571	117	1.9
	Sep 2021	737	14	15	529	8.9	56	140	447.50	570	113	1.9
	WY 2021	**8530**	**182**	**139**	**6309**		**764**	**1393**			**1450**	
	Oct 2021	680	24	12	470	7.6	42	173	447.50	571	73	1.2
	Nov 2021	565	14	9	358	6.0	41	166	447.50	571	91	1.5
	Dec 2021	338	22	7	237	3.9	42	88	446.50	552	96	1.6
	Jan 2022	432	18	6	259	4.2	90	91	446.50	552	102	1.7

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

February 2020 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Feb 2019	621	11.2	1087.97	10682	189	443.82	1119.0	246.4	70	396.7
H	Mar 2019	738	12.0	1090.24	10878	195	444.26	1112.0	295.7	70	400.6
I	Apr 2019	902	15.2	1088.95	10767	-111	439.99	810.1	365.4	51	405.2
S	May 2019	989	16.1	1086.48	10555	-211	440.79	803.9	398.2	51	402.5
T	Jun 2019	912	15.3	1084.71	10405	-150	439.38	1591.0	359.0	100	393.7
O	Jul 2019	946	15.4	1082.82	10246	-159	435.56	1486.0	371.7	93	392.7
R	Aug 2019	802	13.0	1083.45	10299	53	439.02	1297.0	313.5	81	390.9
I	Sep 2019	696	11.7	1083.00	10261	-38	439.88	1494.1	267.4	93	384.4
	WY 2019	**8877**							**3494.1**		
C	Oct 2019	626	10.2	1082.61	10228	-33	439.17	1198.0	241.9	74	386.2
A	Nov 2019	575	9.7	1083.85	10333	104	438.74	1192.0	221.9	75	386.0
L	Dec 2019	220	3.6	1090.49	10899	567	448.42	838.0	81.6	52	371.4
*	Jan 2020	405	6.6	1094.68	11265	366	451.06	1152.1	160.0	70	395.1
	Feb 2020	517	9.0	1096.95	11464	199	447.69	962.0	206.7	57	400.2
	Mar 2020	948	15.4	1094.41	11242	-223	444.57	1342.0	384.3	81	405.5
	Apr 2020	1014	17.0	1090.15	10870	-371	440.53	1385.0	405.5	85	400.0
	May 2020	980	15.9	1085.83	10500	-370	436.54	1296.1	392.4	81	400.3
	Jun 2020	947	15.9	1081.79	10160	-340	430.30	1591.0	369.9	100	390.7
	Jul 2020	837	13.6	1080.63	10064	-97	428.05	1576.0	326.5	100	390.2
	Aug 2020	783	12.7	1081.22	10112	49	428.09	1576.0	303.4	100	387.6
	Sep 2020	716	12.0	1079.98	10010	-103	428.42	1576.0	276.0	100	385.5
	WY 2020	**8567**							**3370.3**		
	Oct 2020	513	8.3	1081.59	10143	133	434.35	1066.0	203.0	68	395.4
	Nov 2020	617	10.4	1081.80	10160	17	437.54	1066.0	245.0	68	397.0
	Dec 2020	453	7.4	1084.82	10415	254	437.05	1079.0	177.8	67	392.3
	Jan 2021	520	8.5	1089.04	10775	360	438.41	1105.1	207.5	68	399.1
	Feb 2021	519	9.3	1092.14	11043	268	442.06	1001.0	206.0	61	397.1
	Mar 2021	983	16.0	1090.28	10881	-162	439.61	1395.0	395.2	85	402.0
	Apr 2021	1019	17.1	1086.77	10580	-301	436.28	1412.0	403.4	88	395.7
	May 2021	997	16.2	1083.09	10269	-311	432.73	1395.0	388.4	88	389.5
	Jun 2021	951	16.0	1080.09	10019	-250	428.10	1576.0	370.0	100	389.0
	Jul 2021	823	13.4	1080.22	10029	10	427.00	1567.0	319.8	100	388.6
	Aug 2021	777	12.6	1081.60	10144	115	428.08	1574.8	301.1	100	387.3
	Sep 2021	713	12.0	1081.19	10110	-34	429.20	1572.5	275.4	100	386.0
	WY 2021	**8887**							**3492.5**		
	Oct 2021	515	8.4	1082.76	10241	131	435.53	1069.6	204.4	68	396.5
	Nov 2021	646	10.9	1082.64	10231	-10	438.54	1069.2	254.7	68	394.4
	Dec 2021	478	7.8	1085.38	10461	231	437.74	1076.5	189.0	67	395.2
	Jan 2022	520	8.5	1089.58	10820	359	438.95	1096.2	207.9	68	399.6

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3113

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

February 2020 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Feb 2019	569	10.2	643.20	1704	36	144.69	209.5	68.8	82	120.9
H	Mar 2019	749	12.2	642.57	1687	-17	140.17	218.8	94.8	86	126.6
I	Apr 2019	886	14.9	642.52	1686	-1	142.03	210.8	111.9	83	126.3
S	May 2019	937	15.2	643.32	1707	22	139.79	238.6	119.5	94	127.6
T	Jun 2019	886	14.9	642.89	1696	-12	140.50	255.0	113.6	100	128.3
O	Jul 2019	895	14.5	643.48	1712	16	142.50	255.0	113.2	100	126.5
R	Aug 2019	800	13.0	642.31	1680	-32	139.60	255.0	101.8	100	127.3
I	Sep 2019	767	12.9	638.35	1573	-107	137.20	255.0	96.0	100	125.1
	WY 2019	**8538**							**1079.9**		
C	Oct 2019	589	9.6	638.28	1572	-2	138.85	243.5	73.2	95	124.4
A	Nov 2019	457	7.7	642.13	1675	103	143.18	153.0	55.6	60	121.7
L	Dec 2019	247	4.0	640.77	1638	-37	141.96	156.3	30.5	61	123.7
*	Jan 2020	380	6.2	641.32	1653	15	141.95	161.2	49.9	63	131.3
	Feb 2020	475	8.3	642.00	1671	18	140.54	156.5	60.2	61	126.6
	Mar 2020	906	14.7	642.50	1685	14	138.60	194.1	113.1	76	124.9
	Apr 2020	967	16.2	643.00	1699	14	138.58	249.9	120.7	98	124.8
	May 2020	947	15.4	643.00	1699	0	139.11	255.0	118.6	100	125.3
	Jun 2020	905	15.2	643.00	1699	0	139.18	255.0	113.5	100	125.4
	Jul 2020	827	13.5	642.00	1671	-27	139.30	255.0	103.8	100	125.5
	Aug 2020	749	12.2	642.00	1671	0	139.28	255.0	94.0	100	125.5
	Sep 2020	739	12.4	640.01	1618	-54	138.19	255.0	92.0	100	124.5
	WY 2020	**8188**							**1025.2**		
	Oct 2020	678	11.0	633.00	1434	-183	134.23	227.0	82.0	89	120.9
	Nov 2020	537	9.0	635.00	1486	51	132.56	159.8	64.1	63	119.4
	Dec 2020	313	5.1	639.51	1604	118	137.60	154.7	38.8	61	124.0
	Jan 2021	432	7.0	641.80	1666	62	140.09	156.3	54.5	61	126.2
	Feb 2021	496	8.9	641.80	1666	0	140.40	156.6	62.7	61	126.5
	Mar 2021	920	15.0	643.05	1700	34	138.69	194.1	115.0	76	124.9
	Apr 2021	988	16.6	643.00	1699	-1	138.74	249.9	123.4	98	125.0
	May 2021	964	15.7	643.00	1699	0	139.02	255.0	120.7	100	125.2
	Jun 2021	910	15.3	643.00	1699	0	139.15	255.0	114.0	100	125.4
	Jul 2021	813	13.2	642.00	1671	-27	139.39	255.0	102.1	100	125.6
	Aug 2021	743	12.1	642.00	1671	0	139.31	255.0	93.3	100	125.5
	Sep 2021	737	12.4	640.01	1618	-54	138.21	255.0	91.7	100	124.5
	WY 2021	**8530**							**1062.4**		
	Oct 2021	680	11.1	633.00	1434	-183	134.22	227.0	82.3	89	120.9
	Nov 2021	565	9.5	635.00	1486	51	132.36	159.8	67.4	63	119.2
	Dec 2021	338	5.5	639.51	1604	118	137.41	154.7	41.9	61	123.8
	Jan 2022	432	7.0	641.80	1666	62	140.09	156.3	54.6	61	126.2

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3113

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

February 2020 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Feb 2019	372	6.7	447.53	571	18	81.87	95.4	25.5	79	68.6
H	Mar 2019	630	10.2	447.86	577	6	82.11	111.3	44.3	93	70.4
I	Apr 2019	712	12.0	447.29	567	-11	79.40	115.0	49.5	96	69.5
S	May 2019	673	11.3	448.62	592	25	80.51	119.0	48.6	99	72.2
T	Jun 2019	717	12.0	448.47	589	-3	80.43	120.0	50.3	100	70.2
O	Jul 2019	739	12.0	448.12	582	-7	80.11	120.0	51.4	100	69.5
R	Aug 2019	636	10.3	447.22	565	-17	77.13	120.0	44.3	100	69.7
I	Sep 2019	514	8.6	449.03	600	34	83.07	120.0	35.9	100	69.8
	WY 2019	**6211**							**433.7**		
C	Oct 2019	430	7.0	447.77	576	-24	83.21	90.0	30.2	75	70.1
A	Nov 2019	300	5.0	449.10	601	25	84.29	92.0	20.2	77	67.2
L	Dec 2019	159	2.6	448.16	583	-18	81.68	100.6	9.4	84	59.3
*	Jan 2020	311	5.1	446.50	552	-31	80.47	94.8	22.0	79	70.7
	Feb 2020	391	6.8	446.50	552	0	75.16	93.1	25.3	78	64.8
	Mar 2020	655	10.6	447.50	570	19	74.40	120.0	42.6	100	65.1
	Apr 2020	697	11.7	448.70	593	23	75.47	120.0	46.1	100	66.1
	May 2020	696	11.3	448.70	593	0	76.05	120.0	46.3	100	66.5
	Jun 2020	714	12.0	448.70	593	0	76.05	120.0	47.6	100	66.6
	Jul 2020	701	11.4	448.00	580	-13	75.71	120.0	46.4	100	66.2
	Aug 2020	621	10.1	447.50	571	-9	75.13	120.0	40.7	100	65.5
	Sep 2020	529	8.9	447.50	570	0	74.89	120.0	34.4	100	65.1
	WY 2020	**6205**							**411.1**		
	Oct 2020	458	7.5	447.50	571	0	76.29	90.0	30.2	75	65.9
	Nov 2020	364	6.1	447.50	571	0	76.19	92.0	23.7	77	65.1
	Dec 2020	232	3.8	446.50	552	-19	74.86	109.4	14.3	91	61.9
	Jan 2021	259	4.2	446.50	552	0	75.07	94.8	16.2	79	62.7
	Feb 2021	391	7.0	446.50	552	0	75.21	92.1	25.4	77	64.9
	Mar 2021	649	10.5	446.70	555	4	74.01	120.0	42.0	100	64.8
	Apr 2021	694	11.7	448.70	593	38	75.08	120.0	45.7	100	65.8
	May 2021	705	11.5	448.70	593	0	76.05	120.0	46.9	100	66.5
	Jun 2021	720	12.1	448.70	593	0	76.05	120.0	48.0	100	66.6
	Jul 2021	689	11.2	448.00	580	-13	75.71	120.0	45.6	100	66.2
	Aug 2021	618	10.0	447.50	571	-9	75.13	120.0	40.5	100	65.5
	Sep 2021	529	8.9	447.50	570	0	74.89	120.0	34.4	100	65.1
	WY 2021	**6309**							**412.9**		
	Oct 2021	470	7.6	447.50	571	0	76.14	92.9	30.9	77	65.8
	Nov 2021	358	6.0	447.50	571	0	76.19	92.0	23.3	77	65.0
	Dec 2021	237	3.9	446.50	552	-19	74.82	110.3	14.7	92	62.0
	Jan 2022	259	4.2	446.50	552	0	75.12	93.9	16.3	78	62.7

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3113

Processed On: 2/13/2020 10:27:59AM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

February 2020 24-Month Study

Most Probable Inflow*

Upper Basin Power

	Date	Glen Canyon 1000 MWHR	Flaming Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Reservoir 1000 MWHR	Fontenelle Reservoir 1000 MWHR
*	Feb 2019	302	42	6	8	1	3
H	Mar 2019	325	22	6	9	4	3
	Winter 2019	**1790**	**233**	**36**	**51**	**19**	**24**
I	Apr 2019	294	27	9	14	10	4
S	May 2019	299	38	23	45	21	6
T	Jun 2019	332	82	33	64	22	8
O	Jul 2019	391	39	28	54	23	7
R	Aug 2019	412	42	24	49	22	7
I	Sep 2019	312	44	15	22	18	2
	Summer 2019	**2041**	**273**	**131**	**248**	**115**	**34**
C	Oct 2019	281	31	26	27	18	5
A	Nov 2019	280	31	22	25	14	5
L	Dec 2019	336	51	26	30	17	5
*	Jan 2020	338	51	18	22	11	5
	Feb 2020	284	45	13	16	8	4
	Mar 2020	294	44	13	17	9	5
	Winter 2020	**1813**	**254**	**117**	**137**	**77**	**29**
	Apr 2020	264	42	19	27	15	5
	May 2020	266	19	47	65	23	6
	Jun 2020	280	103	16	25	17	9
	Jul 2020	328	28	27	33	17	10
	Aug 2020	364	34	20	33	17	7
	Sep 2020	260	33	23	27	14	2
	Summer 2020	**1761**	**260**	**152**	**211**	**103**	**38**
	Oct 2020	277	28	18	23	12	6
	Nov 2020	276	26	6	7	4	6
	Dec 2020	309	28	19	23	12	6
	Jan 2021	366	28	13	16	9	5
	Feb 2021	317	25	13	16	8	4
	Mar 2021	336	37	0	18	9	5
	Winter 2021	**1880**	**172**	**68**	**103**	**54**	**32**
	Apr 2021	298	36	0	24	14	5
	May 2021	302	20	2	23	17	7
	Jun 2021	328	87	52	66	22	9
	Jul 2021	377	28	31	37	20	10
	Aug 2021	398	36	34	40	20	7
	Sep 2021	296	35	28	33	9	2
	Summer 2021	**1703**	**208**	**118**	**190**	**93**	**37**
	Oct 2021	282	28	26	31	16	7
	Nov 2021	281	35	19	23	12	6
	Dec 2021	315	52	31	38	19	6
	Jan 2022	374	52	17	21	11	6

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3113

Processed On: 2/13/2020 10:27:59AM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

February 2020 24-Month Study

Most Probable Inflow*

Flood Control Criteria - Beginning of Month Conditions

Date	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Lake Total KAF	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	BOM Space Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****EFFECTIVE SPACE****										
Feb 2020	643	275	388	12041	13348	16112	29460	186	161	330	677	12041	16112	28830	1500	517	0	31.2
Mar 2020	721	295	394	12267	13677	15913	29590	264	181	335	780	12267	15913	28960	1500	948	0	30.8
Apr 2020	745	300	377	12415	13837	16135	29972	284	188	311	783	12415	16135	29333	1500	1014	0	30.5
May 2020	737	303	352	12374	13767	16507	30273	270	190	262	722	12374	16507	29603	1500	980	0	31.1
Jun 2020	592	301	264	11672	12829	16877	29706	112	177	134	423	11672	16877	28972	1500	947	0	32.4
Jul 2020	575	145	209	10342	11271	17217	28488	87	1	22	110	10342	17217	27669	1500	837	0	32.3
								****CREDITABLE SPACE****										
Aug 2020	505	139	249	10334	11227	17313	28540	505	139	249	893	10334	17313	28540	1500	783	0	31.8
Sep 2020	546	169	283	10679	11678	17265	28942	546	169	283	999	10679	17265	28942	2270	716	0	31.4
Oct 2020	597	196	314	10840	11947	17367	29315	597	196	314	1107	10840	17367	29315	3040	513	0	31.1
Nov 2020	625	219	317	10987	12149	17234	29383	625	219	317	1161	10987	17234	29383	3810	617	0	31.0
Dec 2020	651	207	324	11183	12365	17217	29582	651	207	324	1182	11183	17217	29582	4580	453	0	31.0
Jan 2021	695	243	335	11461	12735	16962	29697	695	243	335	1273	11461	16962	29697	5350	520	0	30.9
								****EFFECTIVE SPACE****										
Jan 2021	695	243	335	11461	12735	16962	29697	375	243	120	738	11461	16962	29162	5350	520	0	30.9
Feb 2021	734	262	348	11871	13215	16602	29817	412	262	132	806	11871	16602	29279	1500	519	0	30.8
Mar 2021	762	282	350	12169	13563	16334	29897	437	282	133	852	12169	16334	29355	1500	983	0	30.6
Apr 2021	765	291	311	12343	13710	16496	30206	436	291	87	814	12343	16496	29653	1500	1019	0	30.6
May 2021	736	271	237	12187	13431	16797	30228	400	271	-12	660	12187	16797	29644	1500	997	0	31.7
Jun 2021	560	103	242	11063	11968	17108	29076	211	103	-47	267	11063	17108	28438	1500	951	0	33.2
Jul 2021	494	31	377	9373	10275	17358	27633	134	19	31	184	9373	17358	26915	1500	823	0	33.3
								****CREDITABLE SPACE****										
Aug 2021	380	10	408	9313	10110	17348	27458	380	10	408	797	9313	17348	27458	1500	777	0	33.0
Sep 2021	404	47	429	9657	10536	17233	27770	404	47	429	879	9657	17233	27770	2270	713	0	32.6
Oct 2021	456	90	434	9853	10832	17267	28099	456	90	434	979	9853	17267	28099	3040	515	0	32.4
Nov 2021	482	132	429	9952	10995	17136	28131	482	132	429	1042	9952	17136	28131	3810	646	0	32.2
Dec 2021	528	163	432	10076	11200	17146	28346	528	163	432	1124	10076	17146	28346	4580	478	0	32.2
Jan 2022	635	241	443	10258	11576	16916	28492	635	241	443	1319	10258	16916	28492	5350	520	0	32.1
								****EFFECTIVE SPACE****										
Jan 2022	635	241	443	10258	11576	16916	28492	289	214	227	730	10258	16916	27903	5350	520	0	32.1

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3113

Processed On: 2/13/2020 10:27:59AM

March 24-Month Study
Date: March 11, 2020

From: Water Resources Group, Salt Lake City
To: All Colorado River Annual Operating Plan (AOP) Recipients

Current Reservoir Status

Reservoir	February Inflow (unregulated) (acre-feet)	Percent of Average (%)	March 10, Midnight Elevation (feet)	March 10, Midnight Reservoir Storage (acre-feet)
Fontenelle	31,600	114	6,474.49	138,400
Flaming Gorge	41,700	106	6,026.61	3,220,000
Blue Mesa	23,230	100	7,484.15	536,700
Navajo	17,100	56	6,055.60	1,293,000
Powell	288,400	73	3,601.94	11,936,000

Expected Operations

The operation of Lake Powell and Lake Mead in this March 2020 24-Month Study is pursuant to the December 2007 Record of Decision on Colorado River Interim Guidelines for Lower Basin Shortages and the Coordinated Operations of Lake Powell and Lake Mead (Interim Guidelines) and reflects the 2020 Annual Operating Plan (AOP). Pursuant to the Interim Guidelines, the August 2019 24-Month Study projections of the January 1, 2020, system storage and reservoir water surface elevations set the operational tier for the coordinated operation of Lake Powell and Lake Mead during 2020.

Consistent with Section 6.B of the Interim Guidelines, Lake Powell's operations in water year 2020 will be governed by the Upper Elevation Balancing Tier, with an initial water year release volume of 8.23 maf and the potential for an April adjustment to equalization or balancing releases in April 2020. Based on the most probable inflow forecast, this March 24-Month Study projects an annual release of 8.23 maf in water year 2020.

Consistent with Section 2.B.5 of the Interim Guidelines, the Intentionally Created Surplus (ICS) Surplus Condition is the criterion governing the operation of Lake Mead for calendar year 2020. In addition, Section III.B of Exhibit 1 to the Lower Basin Drought Contingency Plan (DCP) Agreement will also govern the operation of Lake Mead in calendar year 2020.

The 2020 AOP is available for download at:

https://www.usbr.gov/lc/region/g4000/aop/AOP20.pdf.
The Interim Guidelines are available for download at:
https://www.usbr.gov/lc/region/programs/strategies/RecordofDecision.pdf.
The Colorado River DCPs are available for download at:
https://www.usbr.gov/lc/region/programs/dcp.html.

Fontenelle Reservoir – As of March 8, 2020, the Fontenelle Reservoir pool elevation is 6474.69 feet, which amounts to 41 percent of live storage capacity. Inflows for the month of February totaled 31,602 acre-feet (af) or 114 percent of average. Releases remain at 1050 cfs.

The March final forecast for unregulated inflows into Fontenelle for the next three months projects below average conditions. March, April and May inflow volumes amount to 48,000 af (91 percent of average), 75,000 af (88 percent of average), and 135,000 af (82 percent of average), respectively.

The March water supply forecast of the April through July inflow volume into the Fontenelle Reservoir is 620,000 acre-feet (85 percent of average). Current snowpack is 107 percent of median for the Upper Green Basin.

The next Fontenelle Working Group meeting is scheduled for April 22, 2020 from 10:00 a.m. to 12:00 p.m. The meeting is planned to held at the 3 Telephone Canyon Road, Green River, WY 82935. The Fontenelle Working Group is an open public forum for information exchange between Reclamation and other parties associated with the operation of Fontenelle Reservoir.

Flaming Gorge Reservoir – As of March 6, 2020 Flaming Gorge Reservoir pool elevation is 6026.59 feet, which amounts to 86 percent of live storage capacity. Inflows for the month of February is 47,130 acre-feet (af) or 114 percent of average. The average daily releases is 1,950 cfs.

The March final forecast for unregulated inflows into Flaming Gorge for the next three months projects near below average conditions. March, April, and May forecasted unregulated inflow volumes at 90,000 af (88 percent of average), 120,000 af (90 percent of average), and 205,000 af (84 percent of average), respectively.

The March water supply forecast of the April through July unregulated inflow volume into Flaming Gorge Reservoir is 850,000 acre-feet (87 percent of average). Current snowpack is 112 percent of median for the Upper Green Basin.

Reclamation is planning to hold the Pre-Flaming Gorge Working Group meeting on March 19, 2020 from 10:00 am to 1:00 pm at the Uintah Conference Center in Vernal UT (313 East 200 South). The Flaming Gorge Working Group meeting to review stakeholders comments and input is scheduled for April 16, 2020 from 10:00 a.m. to 1:00 p.m. at Carbon County Event Center, 450 S Fairgrounds Rd, Price, UT 84501, USA.

The Flaming Gorge Working Group is an open public forum for information exchange between Reclamation and the stakeholders of Flaming Gorge Dam. The public is encouraged to attend and comment on the operations and plans presented by Reclamation at these meetings. Meeting notes from past Working Group meetings are posted on the Working Group webpage. For more information on this group and these meetings please contact Dale Hamilton at 801-379-1186.

Aspinall Unit Reservoirs – As of March 8, 2020 releases from Crystal Dam are approximately 600 cfs. Gunnison Tunnel diversions are occurring about every 2 weeks to refill Fairview Reservoir. Flows in the Black Canyon are about 580 cfs. Releases from Crystal are projected to remain at about this level for the foreseeable future.

Blue Mesa did fill in 2019 and achieved a peak elevation on July 25, 2019 of 7519.15 feet above sea level which corresponded to a storage content of 827,000 af (99 percent of full pool). Since this peak filling, Blue Mesa's elevation has declined to 7484.12 feet above sea level on March 8, 2020 and this trend will continue until about the beginning of April 2020.

The unregulated inflow volume in February to Blue Mesa was 23.6 kaf (100 percent of average). Unregulated Inflow volumes forecasted for Blue Mesa for the next three months (March, April, May) are projected to be: 35,000 af (97 percent of average), 60,000 af (78 percent of average) and 155,000 af (70 percent of average), respectively. The March 24-Month Study is reflective of these new forecasts. The April through July forecasted most probable unregulated inflow volume to Blue Mesa is 525,000 af (78 percent of average). The 2020 water year forecasted unregulated inflow volume is 779,000 af which is 82 percent of average.

The Aspinall Unit Working Group is an open public forum for information exchange between Reclamation and the stakeholders of the Aspinall Unit. The public is encouraged to attend and comments on the operations and plans presented by Reclamation at these meetings. Meeting notes from past working Group meetings are posted on the Working Group webpage. For more information on this group and these meetings please contact Erik Knight in the Grand Junction Area Office at (970) 248-0629.

The next meeting of the Aspinall Unit Working Group will be held on Thursday, April 23, 2020 at 1:00 pm at the Western Colorado Area Office located at 445 West Gunnison Avenue in Grand Junction, Colorado.

Navajo Reservoir – On March 4th, the daily average release rate from Navajo Dam was approximately 414 cfs while reservoir inflow (modified unregulated) was averaging approximately 338 cfs. The water surface elevation was 6055.65 feet above sea level. At this elevation the live storage is 1.29 maf (76 percent of live storage capacity) and the active storage is 0.3 maf (61 percent of active storage capacity). NIIP is diverting 27 cfs. The river flow measured at the Animas River at Farmington USGS gage was at 180 cfs. River flow at the San Juan River at Four Corners USGS gage was 338 cfs.

Releases from Navajo Dam are made for authorized purposes of the Navajo Unit and are pursuant to the Record of Decision for the Navajo Reservoir Operations.

Preliminary modified-unregulated inflow into Navajo (inflow adjusted for upstream change in storage, reservoir evaporation and exportation from the basin) in December was 17.1 kaf (58 percent of average for the month).

Forecast modified-unregulated inflow to Navajo over the next three months (March, April, and May) are projected to be: 40 kaf (43percent of average), 85 kaf (50 percent of average), and 180 kaf (65 percent of average), respectively.

The April through July runoff forecasts are as follows:

Min Probable: 240,000 af (33% of average, a decrease of 70,000 af since the last forecast)
Most Probable: 440,000 af (60% of average, a decrease of 35,000 af since the last forecast)
Max Probable: 725,000 af (98% of average, an increase of 25,000 af since the last forecast)

Releases for the fall and winter will be made to target the San Juan River Recovery Implementation Program's recommended baseflow range of 500 cfs to 1000 cfs. Releases will likely range between 300 cfs and 600 cfs throughout the winter. Based on current storage levels at Navajo and the range of runoff forecasts, there is a 10% chance of a Spring Peak Release (minimum of 21 days as recommended by the San Juan River Recovery Implementation Program) at Navajo Reservoir this spring.

Reclamation conducts Public Operations Meetings three times per year to gather input for determining upcoming operations for Navajo Reservoir. Input from individuals, organizations, and agencies along with other factors such as weather, water rights, endangered species requirements, flood control, hydro power, recreation, fish and wildlife management, and reservoir levels, will be considered in the development of these reservoir operation plans. In addition, the meetings are used to coordinate activities and exchange information among agencies, water users, and other interested parties concerning the San Juan River and Navajo Reservoir. The next Navajo Unit Coordination Meeting will be held Tuesday, April 21, 2020 at 1:00 pm at the Farmington Civic Center (200 West Arrington, Farmington, NM).

Glen Canyon Dam / Lake Powell

Current Status

The unregulated inflow volume to Lake Powell during February was 288 thousand acre-feet (kaf) (73 percent of average). The release volume from Glen Canyon Dam in February was 675 kaf. The end of February elevation and storage of Lake Powell were 3603 ft (97 feet from full pool) and 12.0 maf (50 percent of full capacity), respectively.

Current Operations

The operating tier for water year 2020 (September 2019 through October 2020) was established in August 2019 as the Upper Elevation Balancing Tier, consistent with

Section 6.B of the Interim Guidelines. Under this Tier the initial annual water year release volume is 8.23 maf, and if the April 2020 24-Month Study projects the end of water year elevation at Lake Powell to be above 3,575 feet, and the end of water year elevation at Lake Mead to be below 1,075 feet, Lake Powell operations will shift to balancing releases for the remainder of water year 2020. If the April 2020 24-Month Study projects the end of water year elevation to be above the 2020 Equalization elevation of 3,657 feet Lake Powell operations will shift to Equalization releases for the remainder of water year 2020. Reclamation will schedule operations at Glen Canyon Dam to achieve as practicably as possible the appropriate total annual release volume by September 30, 2020.

In March, the release volume will be approximately 700 kaf, with fluctuations anticipated between about 7,635 cfs in the nighttime to about 13,935 cfs in the daytime, and consistent with the Glen Canyon Dam, Record of Decision (dated December 2016). The anticipated release volume for April is 630 kaf with daily fluctuations between approximately 7,470 cfs and 12,320 cfs. The expected release for May is 630 kaf with daily fluctuations between approximately 6,990 cfs and 12,660 cfs.

In addition to daily scheduled fluctuations for power generation, the instantaneous releases from Glen Canyon Dam may also fluctuate to provide 40 megawatts (mw) of system regulation. These instantaneous release adjustments stabilize the electrical generation and transmission system and translate to a range of about 1,200 cfs above or below the hourly scheduled release rate. Under system normal conditions, fluctuations for regulation are typically short lived and generally balance out over the hour with minimal or no noticeable impacts on downstream river flow conditions.

Releases from Glen Canyon Dam can also fluctuate beyond scheduled releases when called upon to respond to unscheduled power outages or power system emergencies. Depending on the severity of the system emergency, the response from Glen Canyon Dam can be significant, within the full range of the operating capacity of the power plant for as long as is necessary to maintain balance in the transmission system. Glen Canyon Dam currently maintains 30 mw (approximately 800 cfs) of generation capacity in reserve in order to respond to a system emergency even when generation rates are already high. System emergencies occur fairly infrequently and typically require small responses from Glen Canyon Dam. However, these responses can have a noticeable impact on the river downstream of Glen Canyon Dam.

Inflow Forecasts and Model Projections

The forecast for water year 2020 unregulated inflow to Lake Powell, issued on March 4, 2020, by the Colorado Basin River Forecast Center, projects that the most probable (median) unregulated inflow volume this year will be 8.64 maf (80 percent of average). There is significant uncertainty regarding this season's snowpack development and resulting runoff into Lake Powell. Reclamation updates the minimum and maximum probable forecasts four times a year: January, April, August and October. The January forecast ranges from a minimum probable of 6.4 maf (59 percent of average) to a maximum probable of 12.82 maf (118 percent of average). There is a 10 percent chance

that inflows could be higher than the current maximum probable forecast and a 10 percent chance that inflows could be lower than the minimum probable forecast.

Based on the current forecast, the March 24-Month Study projects Lake Powell elevation will end water year 2020 near 3,615.89 feet with approximately 13.33 maf in storage (55 percent of capacity). Note that projections of elevation and storage for water year 2020 have significant uncertainty at this point in the season. Projections of end of water year 2020 elevation and storage using the minimum and maximum probable inflow forecast from January 2020 are 3,598.83 feet (11.64 maf, 48 percent of capacity) and 3,649.60 feet (17.17 maf, 71 percent of capacity), respectively. Under these scenarios, there is a 10 percent chance that inflows will be higher, resulting in higher elevation and storage, and 10 percent chance that inflows will be lower, resulting in lower elevation and storage. The annual release volume from Lake Powell during water year 2020 is projected to be 8.23 maf under the March most probable and the January minimum and maximum probable inflow scenarios.

Upper Colorado River Basin Hydrology

Upper Colorado River Basin regularly experiences significant year to year hydrologic variability. During the 20-year period 2000 to 2019, however, the unregulated inflow to Lake Powell, which is a good measure of hydrologic conditions in the Colorado River Basin, was above average in only 4 out of the past 19 years. The period 2000-2019 is the lowest 20-year period since the closure of Glen Canyon Dam in 1963, with an average unregulated inflow of 8.76 maf, or 81 percent of the 30-year average (1981-2010). (For comparison, the 1981-2010 total water year average is 10.83 maf.) The unregulated inflow during the 2000-2019 period has ranged from a low of 2.64 maf (24 percent of average) in water year 2002 to a high of 15.97 maf (147 percent of average) in water year 2011. In water year 2018 unregulated inflow volume to Lake Powell was 4.6 maf (43 percent of average), the third driest year on record above 2002 and 1977. Under the current most probable forecast, the total water year 2020 unregulated inflow to Lake Powell is projected to be 8.48 maf (78 percent of average).

At the beginning of water year 2020, total system storage in the Colorado River Basin was 31.64 maf (53 percent of 59.6 maf total system capacity). This is an increase of 3.64 maf over the total storage at the beginning of water year 2019 when total system storage was 28 maf (47 percent of capacity). Since the beginning of water year 2000, total Colorado Basin storage has experienced year to year increases and decreases in response to wet and dry hydrology, ranging from a high of 94 percent of capacity at the beginning of 2000 to the now current level of 53 percent of capacity at the beginning of water year 2020. Based on current inflow forecasts, the current projected end of water year total Colorado Basin reservoir storage for water year 2020 is approximately 30.8 maf (52 percent of total system capacity). The actual end of water year 2020 system storage may vary from this projection, primarily due to uncertainty regarding this season’s runoff and reservoir inflow.

TO ALL ANNUAL OPERATING PLAN RECIPIENTS

MAILED FROM UPPER COLORADO REGION
WATER RESOURCES GROUP
ATTENTION UC-430
125 SOUTH STATE STREET, ROOM 8100
SALT LAKE CITY, UT 84138-5571
PHONE 801-524-3709

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RUNOFF AND INFLOW PROJECTIONS INTO UPPER BASIN RESERVOIRS ARE PROVIDED BY
THE COLORADO RIVER FORECASTING SERVICE THROUGH THE NATIONAL WEATHER SERVICES'S
COLORADO BASIN RIVER FORECAST CENTER AND ARE AS FOLLOWS

:	Obs				sep	Forecast				
:	nov	dec	jan	feb	%Avg	mar	apr	may	apr-jul	%Avg
GLDA3:Lake Powell	404	353	277	288	73%:	440/	750/	1700/	5700/:	80%
GBRW4:Fontenelle	47	36	34	32	116%:	48/	75/	135/	620/:	86%
GRNU1:Flaming Gorge	63	43	49	46	104%:	90/	120/	205/	850/:	87%
BMDC2:Blue Mesa	31	29	25	23	103%:	35/	60/	155/	525/:	78%
MPSC2:Morrow Point	32	30	27	24	96%:	37/	65/	175/	570/:	77%
CLSC2:Crystal	35	34	31	27	94%:	42/	75/	200/	640/:	77%
TPIC2:Taylor Park	4.8	5.4	4.6	4.3	113%:	4.5/	7.0/	23.0/	82/:	83%
VCRC2:Vallecito	4.1	3.9	4.6	3.6	76%:	5.5/	13/	48/	140/:	72%
NVRN5:Navajo	15.0	16.8	16.6	17.1	57%:	40/	85/	180/	440/:	60%
LEMC2:Lemon	0.55	0.65	0.56	0.48	63%:	0.9/	3/	15/	38/:	69%
MPHC2:McPhee	2.3	3.0	2.4	1.92	39%:	7.0/	32.0/	90.0/	190/:	64%
RBSC2:Ridgway	4.6	3.9	3.4	3.2	89%:	5.0/	9.0/	20.0/	80/:	79%
YDLC2:Deerlodge	29	29	25	23	82%:	75/	225/	545/	1380/:	111%
DRGC2:Durango	12.5	9.8	8.5	8.1	66%:	14.0/	30.0/	100.0/	290/:	70%

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

March 2020 24-Month Study

Most Probable Inflow*

Fontenelle Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Mar 2019	37	0	61	0	61	6464.13	95
H	Apr 2019	114	1	71	0	71	6474.10	137
I	May 2019	167	1	98	0	98	6486.46	204
S	Jun 2019	337	2	107	171	278	6494.89	261
T	Jul 2019	184	3	86	39	125	6502.48	317
O	Aug 2019	57	2	74	0	74	6499.98	298
R	Sep 2019	41	2	19	47	66	6496.36	271
	WY 2019	**1101**	**15**	**799**	**278**	**1077**		
I	Oct 2019	50	1	61	7	67	6493.83	253
C	Nov 2019	46	1	63	0	63	6491.39	236
A	Dec 2019	36	1	64	0	64	6487.01	208
L	Jan 2020	34	1	64	0	64	6481.89	177
*	Feb 2020	32	1	60	0	60	6476.34	147
	Mar 2020	48	0	71	0	71	6471.23	124
	Apr 2020	75	1	83	0	83	6469.14	115
	May 2020	135	1	88	0	88	6478.92	161
	Jun 2020	265	2	102	30	131	6499.15	293
	Jul 2020	145	3	102	2	104	6504.17	331
	Aug 2020	60	2	79	0	79	6501.45	310
	Sep 2020	45	2	20	51	71	6497.76	282
	WY 2020	**971**	**15**	**857**	**89**	**946**		
	Oct 2020	48	1	68	0	68	6494.88	262
	Nov 2020	42	1	65	0	65	6491.38	237
	Dec 2020	32	1	68	0	68	6485.80	201
	Jan 2021	30	1	68	0	68	6479.30	163
	Feb 2021	28	0	61	0	61	6472.29	129
	Mar 2021	53	0	70	0	70	6468.15	111
	Apr 2021	85	1	78	0	78	6469.77	118
	May 2021	164	1	91	0	91	6483.90	189
	Jun 2021	299	2	103	82	185	6500.26	301
	Jul 2021	178	3	102	58	160	6502.21	316
	Aug 2021	77	2	82	0	82	6501.17	308
	Sep 2021	46	2	20	51	71	6497.51	280
	WY 2021	**1081**	**15**	**877**	**191**	**1068**		
	Oct 2021	49	1	68	0	68	6494.71	260
	Nov 2021	42	1	65	0	65	6491.24	236
	Dec 2021	32	1	68	0	68	6485.65	200
	Jan 2022	30	1	68	0	68	6479.12	162
	Feb 2022	28	0	61	0	61	6472.08	128

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3114

Processed On: 3/10/2020 9:07:20AM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

March 2020 24-Month Study

Most Probable Inflow*

Flaming Gorge Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Jensen Flow (1000 Ac-Ft)
*	Mar 2019	74	99	3	58	0	58	128	6025.67	3185	128
H	Apr 2019	240	198	5	71	0	71	133	6028.79	3303	341
I	May 2019	252	183	8	99	0	99	136	6030.71	3376	568
S	Jun 2019	460	400	11	215	100	315	139	6032.55	3448	950
T	Jul 2019	227	169	14	100	0	100	141	6033.89	3502	376
O	Aug 2019	59	76	13	109	0	109	139	6032.79	3458	151
R	Sep 2019	49	74	11	113	0	113	137	6031.57	3410	134
	WY 2019	**1553**	**1529**	**82**	**1315**	**100**	**1415**				**3351**
I	Oct 2019	26	42	7	53	0	53	136	6031.13	3393	109
C	Nov 2019	29	45	4	47	0	47	136	6030.99	3387	115
A	Dec 2019	31	59	2	120	0	120	134	6029.43	3327	169
L	Jan 2020	39	69	2	123	0	123	132	6028.03	3274	168
*	Feb 2020	42	70	2	118	0	118	130	6026.75	3225	157
	Mar 2020	90	113	3	120	0	120	129	6026.50	3216	195
	Apr 2020	120	128	5	116	0	116	130	6026.69	3223	341
	May 2020	205	158	8	52	0	52	133	6029.18	3318	597
	Jun 2020	365	231	10	226	0	226	133	6029.05	3313	746
	Jul 2020	160	119	14	86	0	86	134	6029.53	3331	176
	Aug 2020	65	84	13	98	0	98	133	6028.86	3305	119
	Sep 2020	50	76	11	104	0	104	131	6027.87	3268	119
	WY 2020	**1221**	**1196**	**81**	**1263**	**0**	**1263**				**3012**
	Oct 2020	55	75	7	78	0	78	131	6027.61	3258	106
	Nov 2020	50	73	3	77	0	77	131	6027.43	3251	106
	Dec 2020	35	71	2	108	0	108	129	6026.43	3213	133
	Jan 2021	40	78	2	108	0	108	128	6025.62	3183	133
	Feb 2021	45	78	2	97	0	97	127	6025.06	3163	125
	Mar 2021	102	120	3	86	0	86	128	6025.85	3192	163
	Apr 2021	134	126	5	83	0	83	130	6026.83	3228	298
	May 2021	245	173	8	63	0	63	134	6029.43	3327	595
	Jun 2021	390	276	11	233	0	233	135	6030.23	3358	653
	Jul 2021	210	193	14	86	0	86	139	6032.51	3447	186
	Aug 2021	89	94	13	86	0	86	138	6032.39	3442	111
	Sep 2021	55	81	12	89	0	89	138	6031.90	3423	108
	WY 2021	**1449**	**1436**	**81**	**1194**	**0**	**1194**				**2718**
	Oct 2021	59	78	8	75	0	75	138	6031.78	3418	108
	Nov 2021	51	74	4	104	0	104	136	6030.98	3387	135
	Dec 2021	35	71	2	154	0	154	133	6028.86	3305	179
	Jan 2022	40	78	2	154	0	154	130	6026.88	3230	179
	Feb 2022	45	78	2	139	0	139	128	6025.26	3170	167

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3114

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

March 2020 24-Month Study

Most Probable Inflow*

Taylor Park Reservoir

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Mar 2019	5	4	9303.75	60
H	Apr 2019	10	7	9306.14	64
I	May 2019	21	26	9302.64	59
S	Jun 2019	68	38	9320.92	89
T	Jul 2019	47	32	9328.49	103
O	Aug 2019	15	24	9323.77	94
R	Sep 2019	7	20	9316.42	81
	WY 2019	**191**	**168**		
I	Oct 2019	7	11	9314.38	77
C	Nov 2019	5	6	9313.69	76
A	Dec 2019	5	6	9313.35	75
L	Jan 2020	5	6	9312.60	74
*	Feb 2020	4	6	9311.82	73
	Mar 2020	5	6	9310.80	71
	Apr 2020	7	6	9311.45	72
	May 2020	23	13	9317.26	82
	Jun 2020	37	22	9325.36	97
	Jul 2020	15	22	9321.93	90
	Aug 2020	9	19	9316.29	80
	Sep 2020	7	18	9309.82	70
	WY 2020	**129**	**140**		
	Oct 2020	6	7	9309.28	69
	Nov 2020	5	5	9309.26	69
	Dec 2020	5	5	9308.93	68
	Jan 2021	4	5	9308.38	67
	Feb 2021	4	5	9307.80	66
	Mar 2021	4	5	9307.31	66
	Apr 2021	9	10	9306.49	64
	May 2021	28	14	9315.35	79
	Jun 2021	42	20	9327.12	100
	Jul 2021	20	24	9325.41	97
	Aug 2021	10	19	9320.79	88
	Sep 2021	7	18	9315.08	78
	WY 2021	**145**	**137**		
	Oct 2021	7	12	9312.19	73
	Nov 2021	5	5	9312.22	73
	Dec 2021	5	5	9311.91	73
	Jan 2022	4	5	9311.38	72
	Feb 2022	4	5	9310.83	71

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3114

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

March 2020 24-Month Study

Most Probable Inflow*

Blue Mesa Reservoir

	Date	UnReg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Mar 2019	28	27	0	25	0	25	7438.01	250
H	Apr 2019	121	118	0	33	0	33	7453.91	335
I	May 2019	214	218	1	86	18	105	7471.68	447
S	Jun 2019	471	444	1	124	70	194	7504.14	696
T	Jul 2019	282	266	2	87	51	138	7518.61	823
O	Aug 2019	92	100	1	76	62	137	7514.39	784
R	Sep 2019	32	45	1	45	47	93	7508.84	736
	WY 2019	**1344**	**1320**	**7**	**601**	**260**	**859**		
I	Oct 2019	28	32	1	63	3	85	7502.51	682
C	Nov 2019	31	32	0	54	0	72	7497.63	642
A	Dec 2019	30	30	0	70	0	85	7490.79	588
L	Jan 2020	26	28	0	44	0	61	7486.45	554
*	Feb 2020	23	25	0	30	0	41	7484.20	537
	Mar 2020	35	37	0	34	0	34	7484.52	539
	Apr 2020	60	59	1	60	0	60	7484.34	538
	May 2020	155	145	1	184	0	184	7479.01	499
	Jun 2020	230	215	1	44	0	44	7500.92	669
	Jul 2020	80	87	1	77	0	77	7501.91	677
	Aug 2020	45	55	1	65	14	79	7498.86	652
	Sep 2020	35	46	1	74	0	74	7495.29	623
	WY 2020	**778**	**789**	**8**	**798**	**17**	**894**		
	Oct 2020	36	37	1	65	0	65	7491.71	595
	Nov 2020	30	30	0	17	0	17	7493.33	607
	Dec 2020	26	26	0	43	0	43	7491.16	590
	Jan 2021	24	25	0	42	0	42	7488.91	573
	Feb 2021	22	23	0	43	0	43	7486.29	553
	Mar 2021	36	37	0	0	45	45	7485.09	544
	Apr 2021	77	78	1	0	57	57	7487.74	564
	May 2021	221	207	1	6	31	37	7508.41	732
	Jun 2021	261	239	1	166	0	166	7516.58	804
	Jul 2021	117	120	2	97	0	97	7518.90	825
	Aug 2021	63	72	1	108	0	108	7514.83	788
	Sep 2021	38	48	1	90	0	90	7509.92	745
	WY 2021	**952**	**944**	**9**	**679**	**134**	**813**		
	Oct 2021	38	43	1	84	0	84	7505.06	704
	Nov 2021	31	31	0	62	0	62	7501.33	672
	Dec 2021	26	26	0	104	0	104	7491.67	594
	Jan 2022	24	25	0	57	0	57	7487.55	562
	Feb 2022	22	23	0	38	0	38	7485.59	548

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3114

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

March 2020 24-Month Study

Most Probable Inflow*

Morrow Point Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Blue Mesa Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Mar 2019	29	25	1	26	26	0	26	7146.90	107
H	Apr 2019	136	33	15	47	41	0	41	7155.16	113
I	May 2019	240	105	25	130	127	0	131	7154.68	113
S	Jun 2019	512	194	41	235	186	0	234	7155.10	113
T	Jul 2019	295	138	13	150	151	0	151	7154.18	112
O	Aug 2019	93	137	2	139	137	0	139	7153.99	112
R	Sep 2019	32	93	1	93	60	0	96	7151.09	110
	WY 2019	**1446**	**859**	**102**	**961**	**858**	**0**	**949**		
I	Oct 2019	29	85	1	86	78	0	89	7147.86	107
C	Nov 2019	31	72	1	72	71	0	71	7148.85	108
A	Dec 2019	30	85	1	85	85	0	85	7149.10	108
L	Jan 2020	27	61	1	61	63	0	63	7147.47	107
*	Feb 2020	23	41	0	41	41	0	41	7147.88	107
	Mar 2020	37	34	2	36	36	0	36	7147.94	107
	Apr 2020	65	60	5	65	65	0	65	7147.94	107
	May 2020	175	184	20	204	204	0	204	7147.94	107
	Jun 2020	245	44	15	59	59	0	59	7147.94	107
	Jul 2020	85	77	5	82	82	0	82	7147.94	107
	Aug 2020	48	79	3	82	82	0	82	7147.94	107
	Sep 2020	37	74	2	76	76	0	76	7147.94	107
	WY 2020	**833**	**894**	**55**	**948**	**940**	**0**	**951**		
	Oct 2020	38	65	2	67	67	0	67	7147.94	107
	Nov 2020	32	17	2	19	19	0	19	7147.94	107
	Dec 2020	28	43	2	45	45	0	45	7147.94	107
	Jan 2021	27	42	2	45	45	0	45	7147.94	107
	Feb 2021	25	43	3	46	46	0	46	7147.94	107
	Mar 2021	40	45	4	49	49	0	49	7147.94	107
	Apr 2021	88	57	11	69	69	0	69	7147.94	107
	May 2021	247	37	26	63	63	0	63	7147.94	107
	Jun 2021	281	166	20	186	186	0	186	7147.94	107
	Jul 2021	123	97	6	104	104	0	104	7147.94	107
	Aug 2021	67	108	3	111	111	0	111	7147.94	107
	Sep 2021	41	90	3	93	93	0	93	7147.94	107
	WY 2021	**1037**	**813**	**84**	**897**	**897**	**0**	**897**		
	Oct 2021	41	84	3	87	87	0	87	7147.94	107
	Nov 2021	33	62	2	64	64	0	64	7147.94	107
	Dec 2021	28	104	2	106	106	0	106	7147.94	107
	Jan 2022	27	57	2	59	59	0	59	7147.94	107
	Feb 2022	25	38	3	40	40	0	40	7147.94	107

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3114

Processed On: 3/10/2020 9:07:20AM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

March 2020 24-Month Study

Most Probable Inflow*

Crystal Reservoir

	Date	Unreg Inflow (1000 Ac-Ft)	Morrow Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Total Inflow (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Tunnel Flow (1000 Ac-Ft)	Below Tunnel Flow (1000 Ac-Ft)
*	Mar 2019	34	26	5	32	30	0	30	6752.77	17	0	29
H	Apr 2019	150	41	15	55	55	0	55	6753.29	17	26	29
I	May 2019	264	131	24	155	108	31	153	6759.30	19	47	105
S	Jun 2019	558	234	46	280	115	73	282	6753.12	17	51	231
T	Jul 2019	321	151	26	177	121	57	178	6746.79	15	59	124
O	Aug 2019	98	139	5	144	119	28	147	6733.35	12	64	87
R	Sep 2019	36	96	4	99	94	0	95	6750.61	16	61	33
	WY 2019	**1587**	**949**	**142**	**1091**	**768**	**210**	**1087**			**344**	**747**
I	Oct 2019	33	89	3	92	92	0	92	6749.75	16	64	29
C	Nov 2019	35	71	4	75	76	0	76	6746.90	15	2	72
A	Dec 2019	34	85	4	89	89	0	89	6746.40	15	0	86
L	Jan 2020	31	63	4	67	58	9	67	6745.61	15	1	64
*	Feb 2020	26	41	3	44	24	19	43	6748.71	16	1	43
	Mar 2020	42	36	5	41	40	0	40	6749.63	16	5	35
	Apr 2020	75	65	10	75	75	0	75	6749.63	16	42	33
	May 2020	200	204	25	229	136	92	229	6749.63	16	62	167
	Jun 2020	275	59	30	89	89	0	89	6749.63	16	61	28
	Jul 2020	90	82	5	87	87	0	87	6749.63	16	65	22
	Aug 2020	55	82	7	89	89	0	89	6749.63	16	65	24
	Sep 2020	41	76	4	80	80	0	80	6749.63	16	55	25
	WY 2020	**937**	**951**	**105**	**1055**	**934**	**121**	**1055**			**422**	**627**
	Oct 2020	43	67	5	72	72	0	72	6749.63	16	30	42
	Nov 2020	37	19	4	24	24	0	24	6749.63	16	0	24
	Dec 2020	32	45	5	50	50	0	50	6749.63	16	0	50
	Jan 2021	31	45	5	49	49	0	49	6749.63	16	0	49
	Feb 2021	29	46	4	50	50	0	50	6749.63	16	0	50
	Mar 2021	46	49	6	56	56	0	56	6749.63	16	5	51
	Apr 2021	101	69	12	81	81	0	81	6749.63	16	42	39
	May 2021	281	63	34	98	98	0	98	6749.63	16	62	36
	Jun 2021	315	186	34	220	132	88	220	6749.63	16	61	159
	Jul 2021	138	104	14	118	118	0	118	6749.63	16	65	53
	Aug 2021	75	111	8	119	119	0	119	6749.63	16	65	54
	Sep 2021	47	93	6	99	52	47	99	6749.63	16	55	44
	WY 2021	**1175**	**897**	**138**	**1035**	**900**	**135**	**1035**			**385**	**650**
	Oct 2021	47	87	6	93	93	0	93	6749.63	16	30	63
	Nov 2021	38	64	5	69	69	0	69	6749.63	16	0	69
	Dec 2021	32	106	5	111	111	0	111	6749.63	16	0	111
	Jan 2022	31	59	5	64	64	0	64	6749.63	16	0	64
	Feb 2022	29	40	4	44	44	0	44	6749.63	16	0	44

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3114

Processed On: 3/10/2020 9:07:20AM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

March 2020 24-Month Study

Most Probable Inflow*

Vallecito Reservoir

— BUREAU OF —
RECLAMATION

	Date	Regulated Inflow (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)
*	Mar 2019	6	6	7627.39	40
H	Apr 2019	32	25	7631.32	47
I	May 2019	58	41	7640.08	64
S	Jun 2019	160	101	7664.36	124
T	Jul 2019	69	68	7664.45	124
O	Aug 2019	20	38	7657.21	105
R	Sep 2019	8	33	7646.82	79
	WY 2019	**378**	**316**		
I	Oct 2019	4	13	7643.13	71
C	Nov 2019	4	2	7644.14	73
A	Dec 2019	4	2	7645.07	75
L	Jan 2020	5	2	7646.26	78
*	Feb 2020	4	2	7647.01	80
	Mar 2020	6	2	7648.48	84
	Apr 2020	13	2	7652.99	94
	May 2020	48	31	7659.41	111
	Jun 2020	58	45	7664.20	123
	Jul 2020	21	41	7656.16	102
	Aug 2020	14	38	7646.22	78
	Sep 2020	12	29	7638.19	61
	WY 2020	**192**	**208**		
	Oct 2020	12	16	7636.10	56
	Nov 2020	8	2	7638.69	62
	Dec 2020	6	2	7640.78	66
	Jan 2021	5	2	7642.38	70
	Feb 2021	5	2	7643.73	73
	Mar 2021	9	2	7646.62	79
	Apr 2021	23	2	7655.37	100
	May 2021	71	50	7663.47	121
	Jun 2021	70	70	7663.29	121
	Jul 2021	29	42	7658.30	108
	Aug 2021	20	38	7650.93	89
	Sep 2021	17	30	7645.63	77
	WY 2021	**277**	**257**		
	Oct 2021	16	17	7644.86	75
	Nov 2021	9	2	7647.54	81
	Dec 2021	6	2	7649.41	86
	Jan 2022	5	2	7650.86	89
	Feb 2022	5	2	7652.08	92

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3114

Processed On: 3/10/2020 9:07:20AM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

March 2020 24-Month Study

Most Probable Inflow*

Navajo Reservoir

BUREAU OF RECLAMATION

	Date	Mod Unreg Inflow (1000 Ac-Ft)	Azotea Tunnel Div (1000 Ac-Ft)	Reg Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	NIIP Diversion (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Live Storage (1000 Ac-Ft)	Farmington Flow (1000 Ac-Ft)
*	Mar 2019	114	1	113	1	4	18	6024.61	955	62
H	Apr 2019	230	24	203	2	20	20	6040.36	1117	102
I	May 2019	270	34	215	3	25	25	6054.45	1279	139
S	Jun 2019	491	57	376	4	36	114	6071.44	1501	386
T	Jul 2019	171	26	142	5	47	60	6073.56	1531	228
O	Aug 2019	40	6	52	4	42	78	6068.40	1459	104
R	Sep 2019	3	0	29	3	29	67	6063.13	1388	71
	WY 2019	**1401**	**150**	**1188**	**26**	**211**	**483**			**1264**
I	Oct 2019	6	0	15	2	6	33	6061.08	1362	46
C	Nov 2019	15	0	13	1	0	25	6060.04	1348	45
A	Dec 2019	17	0	15	1	1	36	6058.25	1326	62
L	Jan 2020	17	0	14	1	1	31	6056.81	1308	49
*	Feb 2020	17	0	15	1	3	25	6055.76	1295	38
	Mar 2020	40	1	35	2	6	22	6056.25	1301	36
	Apr 2020	85	8	66	2	21	21	6057.97	1322	51
	May 2020	180	22	141	4	36	26	6063.85	1398	126
	Jun 2020	150	18	119	4	53	30	6066.27	1430	145
	Jul 2020	25	1	44	5	57	31	6062.65	1382	76
	Aug 2020	28	1	50	4	48	32	6060.10	1349	60
	Sep 2020	28	1	44	3	26	24	6059.50	1341	52
	WY 2020	**607**	**52**	**571**	**28**	**257**	**333**			**786**
	Oct 2020	36	2	38	2	9	26	6059.61	1343	51
	Nov 2020	30	0	24	1	0	30	6059.07	1336	47
	Dec 2020	25	0	21	1	0	22	6058.92	1334	37
	Jan 2021	22	0	18	1	0	22	6058.62	1330	35
	Feb 2021	30	0	27	1	0	21	6059.04	1336	33
	Mar 2021	92	9	77	2	6	30	6062.11	1375	53
	Apr 2021	170	21	128	3	22	30	6067.70	1449	82
	May 2021	277	37	219	4	37	178	6067.74	1450	324
	Jun 2021	224	29	195	4	53	272	6057.37	1315	424
	Jul 2021	66	5	74	4	57	43	6054.87	1284	110
	Aug 2021	45	2	61	3	48	31	6053.13	1263	69
	Sep 2021	43	2	54	3	26	30	6052.72	1258	62
	WY 2021	**1060**	**106**	**935**	**27**	**258**	**733**			**1328**
	Oct 2021	47	2	46	2	9	31	6053.13	1263	59
	Nov 2021	34	0	27	1	0	30	6052.83	1259	48
	Dec 2021	25	0	21	1	0	31	6051.93	1248	46
	Jan 2022	22	0	18	1	0	31	6050.84	1235	44
	Feb 2022	30	0	27	1	0	28	6050.70	1234	40

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3114

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

March 2020 24-Month Study

Most Probable Inflow*

Lake Powell

BUREAU OF RECLAMATION

	Date	Unreg Inflow (1000 Ac-Ft)	Regulated Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	PowerPlant Release (1000 Ac-Ft)	Bypass Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	Bank Storage (1000 Ac-Ft)	EOM Storage (1000 Ac-Ft)	Lees Ferry Gage (1000 Ac-Ft)
*	Mar 2019	625	574	11	791	0	791	3569.28	4778	9049	798
H	Apr 2019	1242	899	18	720	0	720	3571.12	4790	9198	734
I	May 2019	2511	1980	23	720	0	720	3584.65	4881	10343	752
S	Jun 2019	4206	3583	41	765	0	765	3611.82	5087	12914	807
T	Jul 2019	2451	2015	57	857	0	857	3621.60	5168	13933	896
O	Aug 2019	472	608	58	900	0	900	3618.55	5143	13610	932
R	Sep 2019	143	379	52	687	0	687	3615.36	5116	13277	703
	WY 2019	**12951**	**11787**	**356**	**8924**	**77**	**9001**				**9242**
I	Oct 2019	265	397	35	625	0	625	3612.99	5096	13034	633
C	Nov 2019	404	466	34	626	0	626	3611.23	5082	12855	630
A	Dec 2019	353	506	27	750	0	750	3608.74	5062	12604	756
L	Jan 2020	277	419	8	760	0	760	3605.48	5036	12281	768
*	Feb 2020	288	393	9	675	0	675	3602.72	5015	12011	687
	Mar 2020	440	457	15	700	0	700	3600.24	4996	11773	714
	Apr 2020	750	711	23	630	0	630	3600.80	5000	11827	646
	May 2020	1700	1480	28	630	0	630	3608.58	5061	12588	646
	Jun 2020	2400	2025	46	650	0	650	3620.52	5159	13818	667
	Jul 2020	850	837	58	750	0	750	3620.77	5161	13845	774
	Aug 2020	400	520	57	835	0	835	3617.50	5134	13500	855
	Sep 2020	355	470	52	599	0	599	3615.89	5120	13333	612
	WY 2020	**8482**	**8681**	**391**	**8230**	**0**	**8230**				**8388**
	Oct 2020	468	520	36	640	0	640	3614.50	5109	13189	649
	Nov 2020	452	467	34	640	0	640	3612.63	5093	12997	642
	Dec 2020	363	450	27	720	0	720	3609.92	5071	12722	725
	Jan 2021	361	446	8	860	0	860	3605.99	5040	12331	871
	Feb 2021	393	457	9	750	0	750	3603.14	5018	12052	760
	Mar 2021	665	611	15	800	0	800	3601.18	5003	11863	814
	Apr 2021	1056	887	23	710	0	710	3602.67	5014	12006	726
	May 2021	2343	1951	29	710	0	710	3613.92	5104	13129	726
	Jun 2021	2666	2545	49	750	0	750	3629.04	5233	14746	767
	Jul 2021	1091	986	61	850	0	850	3629.66	5239	14815	874
	Aug 2021	500	577	61	900	0	900	3626.46	5211	14460	920
	Sep 2021	408	509	55	670	0	670	3624.63	5194	14260	684
	WY 2021	**10766**	**10408**	**406**	**9000**	**0**	**9000**				**9158**
	Oct 2021	512	569	38	640	0	640	3623.70	5186	14160	649
	Nov 2021	473	553	36	640	0	640	3622.64	5177	14045	642
	Dec 2021	363	565	29	720	0	720	3621.05	5164	13875	725
	Jan 2022	361	516	9	860	0	860	3617.96	5138	13548	871
	Feb 2022	393	501	10	750	0	750	3615.66	5118	13309	760

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3114

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

March 2020 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

BUREAU OF RECLAMATION

	Date	Glen Release (1000 Ac-Ft)	Side Inflow Glen to Hoover (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	SNWP Use (1000 Ac-Ft)	Downstream Requirements (1000 Ac-Ft)	Bank Storage (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Mar 2019	791	200	32	738	12.0	13	737	707	1090.24	10878
H	Apr 2019	720	118	39	902	15.2	15	900	700	1088.95	10767
I	May 2019	720	108	45	989	16.1	18	988	686	1086.48	10555
S	Jun 2019	765	69	54	912	15.3	27	911	676	1084.71	10405
T	Jul 2019	857	20	67	946	15.4	33	946	666	1082.82	10246
O	Aug 2019	900	64	71	802	13.0	34	801	669	1083.45	10299
R	Sep 2019	687	58	59	696	11.7	30	690	667	1083.00	10261
	WY 2019	**9001**	**1087**	**547**	**8892**		**234**	**8868**			
I	Oct 2019	625	34	43	626	10.2	25	621	665	1082.61	10228
C	Nov 2019	626	116	40	575	9.7	13	553	672	1083.85	10333
A	Dec 2019	750	118	37	220	3.6	7	214	708	1090.49	10899
L	Jan 2020	760	75	31	405	6.6	9	404	732	1094.68	11265
*	Feb 2020	675	67	29	557	9.7	8	549	741	1096.27	11405
	Mar 2020	700	91	32	852	13.9	14	852	735	1095.12	11303
	Apr 2020	630	69	40	999	16.8	21	999	713	1091.24	10964
	May 2020	630	49	45	1012	16.5	29	1012	688	1086.79	10582
	Jun 2020	650	28	54	964	16.2	29	964	665	1082.70	10236
	Jul 2020	750	73	67	864	14.1	29	864	657	1081.16	10107
	Aug 2020	835	91	71	813	13.2	30	813	658	1081.29	10118
	Sep 2020	599	75	58	744	12.5	25	744	648	1079.54	9973
	WY 2020	**8230**	**884**	**548**	**8632**		**239**	**8591**			
	Oct 2020	640	75	42	558	9.1	24	558	654	1080.56	10058
	Nov 2020	640	68	42	671	11.3	16	671	652	1080.33	10038
	Dec 2020	720	64	37	512	8.3	11	512	666	1082.86	10249
	Jan 2021	860	95	30	519	8.4	12	519	690	1087.23	10619
	Feb 2021	750	101	28	518	9.3	12	518	708	1090.43	10894
	Mar 2021	800	91	32	968	15.7	17	968	700	1089.06	10776
	Apr 2021	710	69	39	1031	17.3	24	1031	681	1085.60	10480
	May 2021	710	49	45	994	16.2	32	994	662	1082.12	10188
	Jun 2021	750	28	53	948	15.9	32	948	647	1079.25	9949
	Jul 2021	850	73	66	828	13.5	33	828	646	1079.21	9945
	Aug 2021	900	91	70	786	12.8	33	786	653	1080.35	10040
	Sep 2021	670	75	58	714	12.0	29	714	649	1079.72	9988
	WY 2021	**9000**	**878**	**543**	**9045**		**275**	**9045**			
	Oct 2021	640	75	42	522	8.5	27	522	657	1081.11	10103
	Nov 2021	640	68	42	640	10.8	19	640	657	1081.19	10110
	Dec 2021	720	64	37	477	7.8	14	477	673	1084.06	10350
	Jan 2022	860	95	31	519	8.4	13	519	697	1088.39	10718
	Feb 2022	750	101	28	518	9.3	13	518	715	1091.57	10993

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3114

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

March 2020 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

BUREAU OF RECLAMATION

	Date	Hoover Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Power Release (1000 Ac-Ft)	Spill Release (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)
*	Mar 2019	738	7	13	749	0	749	12.2	642.57	1687
H	Apr 2019	902	0	17	886	0	886	14.9	642.52	1686
I	May 2019	989	-9	22	937	0	937	15.2	643.32	1707
S	Jun 2019	912	-12	25	886	0	886	14.9	642.89	1696
T	Jul 2019	946	-11	25	895	0	894	14.5	643.48	1712
O	Aug 2019	802	-11	23	800	0	800	13.0	642.31	1680
R	Sep 2019	696	-17	18	767	0	767	12.9	638.35	1573
	WY 2019	**8892**	**-142**	**198**	**8538**	**0**	**8539**			
I	Oct 2019	626	-24	15	589	0	589	9.6	638.28	1572
C	Nov 2019	575	-4	11	457	0	457	7.7	642.13	1675
A	Dec 2019	220	0	9	247	0	247	4.0	640.77	1638
L	Jan 2020	405	0	10	380	0	380	6.2	641.32	1653
*	Feb 2020	557	-2	10	523	0	523	9.1	642.10	1674
	Mar 2020	852	-12	13	817	0	817	13.3	642.50	1685
	Apr 2020	999	-12	17	956	0	956	16.1	643.00	1699
	May 2020	1012	-10	22	980	0	980	15.9	643.00	1699
	Jun 2020	964	-15	25	923	0	923	15.5	643.00	1699
	Jul 2020	864	-12	25	854	0	854	13.9	642.00	1671
	Aug 2020	813	-12	23	779	0	779	12.7	642.00	1671
	Sep 2020	744	-15	18	765	0	765	12.9	640.01	1618
	WY 2020	**8632**	**-118**	**198**	**8271**	**0**	**8271**			
	Oct 2020	558	-10	15	716	0	716	11.6	633.00	1434
	Nov 2020	671	-19	10	590	0	590	9.9	635.00	1486
	Dec 2020	512	-12	9	372	0	372	6.0	639.51	1604
	Jan 2021	519	-21	10	426	0	426	6.9	641.80	1666
	Feb 2021	518	-10	10	498	0	498	9.0	641.80	1666
	Mar 2021	968	-12	13	909	0	909	14.8	643.05	1700
	Apr 2021	1031	-12	17	1003	0	1003	16.9	643.00	1699
	May 2021	994	-10	22	962	0	962	15.6	643.00	1699
	Jun 2021	948	-15	25	908	0	908	15.3	643.00	1699
	Jul 2021	828	-12	25	818	0	818	13.3	642.00	1671
	Aug 2021	786	-12	23	751	0	751	12.2	642.00	1671
	Sep 2021	714	-15	18	735	0	735	12.3	640.01	1618
	WY 2021	**9045**	**-159**	**197**	**8688**	**0**	**8688**			
	Oct 2021	522	-10	15	680	0	680	11.1	633.00	1434
	Nov 2021	640	-19	10	560	0	560	9.4	635.00	1486
	Dec 2021	477	-12	9	338	0	338	5.5	639.51	1604
	Jan 2022	519	-21	10	427	0	427	6.9	641.80	1666
	Feb 2022	518	-10	10	498	0	498	9.0	641.80	1666

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

March 2020 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

BUREAU OF RECLAMATION

	Date	Davis Release (1000 Ac-Ft)	Side Inflow (1000 Ac-Ft)	Evap Losses (1000 Ac-Ft)	Total Release (1000 Ac-Ft)	Total Release (1000 CFS)	MWD Diversion (1000 Ac-Ft)	CAP Diversion (1000 Ac-Ft)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Flow To Mexico (1000 Ac-Ft)	Flow To Mexico (1000 CFS)
*	Mar 2019	749	-5	9	630	10.2	11	83	447.86	577	185	3.0
H	Apr 2019	886	6	11	712	12.0	28	144	447.29	567	170	2.9
I	May 2019	937	8	13	693	11.3	51	154	448.62	592	128	2.1
S	Jun 2019	886	11	15	717	12.0	53	104	448.47	589	138	2.3
T	Jul 2019	894	15	17	739	12.0	59	92	448.12	582	146	2.4
O	Aug 2019	800	15	17	636	10.3	67	102	447.22	565	111	1.8
R	Sep 2019	767	26	15	514	8.6	61	160	449.03	600	103	1.7
	WY 2019	**8539**	**173**	**140**	**6231**		**690**	**1571**			**1515**	
I	Oct 2019	589	18	12	430	7.0	30	151	447.77	576	68	1.1
C	Nov 2019	457	22	9	300	5.0	16	125	449.10	601	118	2.0
A	Dec 2019	247	18	7	159	2.6	46	72	448.16	583	109	1.8
L	Jan 2020	380	1	6	311	5.1	17	75	446.50	552	106	1.7
*	Feb 2020	523	-3	8	400	6.9	3	75	448.15	583	138	2.4
	Mar 2020	817	5	9	611	9.9	42	163	447.50	571	169	2.7
	Apr 2020	956	8	11	709	11.9	68	156	448.00	580	151	2.5
	May 2020	980	15	13	697	11.3	99	161	448.70	593	125	2.0
	Jun 2020	923	11	16	713	12.0	96	97	448.70	593	139	2.3
	Jul 2020	854	18	17	705	11.5	99	52	448.00	580	150	2.4
	Aug 2020	779	17	17	626	10.2	99	52	447.50	571	114	1.9
	Sep 2020	765	17	15	530	8.9	96	131	447.50	570	110	1.9
	WY 2020	**8271**	**147**	**140**	**6191**		**712**	**1310**			**1495**	
	Oct 2020	716	24	12	459	7.5	99	164	447.50	571	69	1.1
	Nov 2020	590	16	9	379	6.4	71	142	447.50	571	88	1.5
	Dec 2020	372	22	7	248	4.0	72	81	446.50	552	93	1.5
	Jan 2021	426	20	6	255	4.1	90	91	446.50	552	102	1.7
	Feb 2021	498	10	8	392	7.1	17	84	446.50	552	127	2.3
	Mar 2021	909	5	9	637	10.4	86	170	446.70	555	167	2.7
	Apr 2021	1003	8	11	706	11.9	83	163	448.70	593	152	2.6
	May 2021	962	15	13	705	11.5	74	172	448.70	593	127	2.1
	Jun 2021	908	11	16	718	12.1	72	100	448.70	593	141	2.4
	Jul 2021	818	18	17	693	11.3	74	52	448.00	580	152	2.5
	Aug 2021	751	17	17	623	10.1	74	52	447.50	571	117	1.9
	Sep 2021	735	17	15	530	8.9	56	140	447.50	570	113	1.9
	WY 2021	**8688**	**183**	**139**	**6346**		**868**	**1411**			**1450**	
	Oct 2021	680	24	12	470	7.6	42	173	447.50	571	73	1.2
	Nov 2021	560	16	9	355	6.0	41	166	447.50	571	91	1.5
	Dec 2021	338	22	7	236	3.8	42	88	446.50	552	96	1.6
	Jan 2022	427	20	6	255	4.1	90	91	446.50	552	102	1.7
	Feb 2022	498	10	8	393	7.1	17	84	446.50	552	127	2.3

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

March 2020 24-Month Study

Most Probable Inflow*

Hoover Dam - Lake Mead

BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Hoover Static Head (Ft)	Hoover Gen Capacity MW	Hoover Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Mar 2019	738	12.0	1090.24	10878	195	444.26	1112.0	295.7	70	400.6
H	Apr 2019	902	15.2	1088.95	10767	-111	439.99	810.1	365.4	51	405.2
I	May 2019	989	16.1	1086.48	10555	-211	440.79	803.9	398.2	51	402.5
S	Jun 2019	912	15.3	1084.71	10405	-150	439.38	1591.0	359.0	100	393.7
T	Jul 2019	946	15.4	1082.82	10246	-159	435.56	1486.0	371.7	93	392.7
O	Aug 2019	802	13.0	1083.45	10299	53	439.02	1297.0	313.5	81	390.9
R	Sep 2019	696	11.7	1083.00	10261	-38	439.88	1494.1	267.4	93	384.4
	WY 2019	**8877**							**3494.1**		
I	Oct 2019	626	10.2	1082.61	10228	-33	439.17	1198.0	241.9	74	386.2
C	Nov 2019	575	9.7	1083.85	10333	104	438.74	1192.0	221.9	75	386.0
A	Dec 2019	220	3.6	1090.49	10899	567	448.42	838.0	81.6	52	371.4
L	Jan 2020	405	6.6	1094.68	11265	366	451.06	1152.1	160.0	70	395.1
*	Feb 2020	557	9.7	1096.27	11405	140	452.31	962.0	224.2	57	402.6
	Mar 2020	852	13.9	1095.12	11303	-101	445.91	1136.0	351.3	69	412.1
	Apr 2020	999	16.8	1091.24	10964	-339	441.42	1385.0	399.5	85	400.0
	May 2020	1012	16.5	1086.79	10582	-383	437.56	1296.1	401.5	81	396.6
	Jun 2020	964	16.2	1082.70	10236	-346	431.23	1591.0	371.2	100	385.3
	Jul 2020	864	14.1	1081.16	10107	-129	428.76	1576.0	338.7	100	392.1
	Aug 2020	813	13.2	1081.29	10118	11	428.39	1576.0	316.8	100	389.4
	Sep 2020	744	12.5	1079.54	9973	-145	428.23	1576.0	288.1	100	387.0
	WY 2020	**8632**							**3396.7**		
	Oct 2020	558	9.1	1080.56	10058	85	433.62	1066.0	216.0	68	387.3
	Nov 2020	671	11.3	1080.33	10038	-19	436.30	1066.0	264.5	68	394.5
	Dec 2020	512	8.3	1082.86	10249	211	435.34	1079.0	202.7	67	396.1
	Jan 2021	519	8.4	1087.23	10619	370	436.53	1105.1	206.2	68	397.6
	Feb 2021	518	9.3	1090.43	10894	275	440.30	1001.0	204.9	61	395.6
	Mar 2021	968	15.7	1089.06	10776	-118	438.16	1395.0	387.1	85	400.0
	Apr 2021	1031	17.3	1085.60	10480	-296	434.96	1431.9	407.0	89	394.8
	May 2021	994	16.2	1082.12	10188	-293	431.67	1395.0	386.0	88	388.3
	Jun 2021	948	15.9	1079.25	9949	-239	427.20	1576.0	367.8	100	388.0
	Jul 2021	828	13.5	1079.21	9945	-3	426.08	1576.0	321.2	100	388.0
	Aug 2021	786	12.8	1080.35	10040	95	426.95	1570.3	304.1	100	386.8
	Sep 2021	714	12.0	1079.72	9988	-52	427.85	1567.0	274.7	100	384.9
	WY 2021	**9045**							**3542.1**		
	Oct 2021	522	8.5	1081.11	10103	116	433.98	1065.4	206.5	68	395.8
	Nov 2021	640	10.8	1081.19	10110	6	437.00	1065.8	251.2	68	392.6
	Dec 2021	477	7.8	1084.06	10350	240	436.37	1073.7	188.1	67	394.1
	Jan 2022	519	8.4	1088.39	10718	369	437.70	1094.0	207.0	68	398.5
	Feb 2022	518	9.3	1091.57	10993	274	441.45	991.1	205.6	61	396.6

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3114

Processed On: 3/10/2020 9:07:20AM

OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

March 2020 24-Month Study

Most Probable Inflow*

Davis Dam - Lake Mohave

BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Davis Static Head (Ft)	Davis Gen Capacity MW	Davis Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Mar 2019	749	12.2	642.57	1687	-17	140.17	218.8	94.8	86	126.6
H	Apr 2019	886	14.9	642.52	1686	-1	142.03	210.8	111.9	83	126.3
I	May 2019	937	15.2	643.32	1707	22	139.79	238.6	119.5	94	127.6
S	Jun 2019	886	14.9	642.89	1696	-12	140.50	255.0	113.6	100	128.3
T	Jul 2019	895	14.5	643.48	1712	16	142.50	255.0	113.2	100	126.5
O	Aug 2019	800	13.0	642.31	1680	-32	139.60	255.0	101.8	100	127.3
R	Sep 2019	767	12.9	638.35	1573	-107	137.20	255.0	96.0	100	125.1
	WY 2019	**8538**							**1079.9**		
I	Oct 2019	589	9.6	638.28	1572	-2	138.85	243.5	73.2	95	124.4
C	Nov 2019	457	7.7	642.13	1675	103	143.18	153.0	55.6	60	121.7
A	Dec 2019	247	4.0	640.77	1638	-37	141.96	156.3	30.5	61	123.7
L	Jan 2020	380	6.2	641.32	1653	15	141.95	156.3	49.9	61	131.3
*	Feb 2020	523	9.1	642.10	1674	21	139.59	156.5	68.9	61	131.6
	Mar 2020	817	13.3	642.50	1685	11	139.17	172.7	102.4	68	125.4
	Apr 2020	956	16.1	643.00	1699	14	138.63	249.9	119.4	98	124.9
	May 2020	980	15.9	643.00	1699	0	138.93	255.0	122.7	100	125.2
	Jun 2020	923	15.5	643.00	1699	0	139.07	255.0	115.7	100	125.3
	Jul 2020	854	13.9	642.00	1671	-27	139.14	255.0	107.1	100	125.4
	Aug 2020	779	12.7	642.00	1671	0	139.09	255.0	97.6	100	125.3
	Sep 2020	765	12.9	640.01	1618	-54	138.03	255.0	95.2	100	124.4
	WY 2020	**8271**							**1038.2**		
	Oct 2020	716	11.6	633.00	1434	-183	133.99	227.0	86.4	89	120.7
	Nov 2020	590	9.9	635.00	1486	51	132.18	159.8	70.3	63	119.1
	Dec 2020	372	6.0	639.51	1604	118	137.15	154.7	46.0	61	123.6
	Jan 2021	426	6.9	641.80	1666	62	140.14	156.3	53.8	61	126.3
	Feb 2021	498	9.0	641.80	1666	0	140.38	156.6	63.0	61	126.5
	Mar 2021	909	14.8	643.05	1700	34	138.75	194.1	113.6	76	125.0
	Apr 2021	1003	16.9	643.00	1699	-1	138.65	249.9	125.3	98	124.9
	May 2021	962	15.6	643.00	1699	0	139.03	255.0	120.5	100	125.3
	Jun 2021	908	15.3	643.00	1699	0	139.16	255.0	113.8	100	125.4
	Jul 2021	818	13.3	642.00	1671	-27	139.36	255.0	102.7	100	125.6
	Aug 2021	751	12.2	642.00	1671	0	139.26	255.0	94.3	100	125.5
	Sep 2021	735	12.3	640.01	1618	-54	138.22	255.0	91.5	100	124.5
	WY 2021	**8688**							**1081.1**		
	Oct 2021	680	11.1	633.00	1434	-183	134.22	227.0	82.2	89	120.9
	Nov 2021	560	9.4	635.00	1486	51	132.39	159.8	66.8	63	119.3
	Dec 2021	338	5.5	639.51	1604	118	137.42	154.7	41.8	61	123.8
	Jan 2022	427	6.9	641.80	1666	62	140.13	156.3	53.9	61	126.2
	Feb 2022	498	9.0	641.80	1666	0	140.38	156.6	63.0	61	126.5

* Based on the Colorado River Basin Forecast Center's Most Probable Water Supply Forecast

Model Run ID: 3114

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

March 2020 24-Month Study

Most Probable Inflow*

Parker Dam - Lake Havasu

BUREAU OF RECLAMATION

	Date	Power Release (1000 Ac-Ft)	Power Release (1000 CFS)	Reservoir Elev End of Month (Ft)	EOM Storage (1000 Ac-Ft)	Change In Storage (1000 Ac-Ft)	Parker Static Head (Ft)	Parker Gen Capacity MW	Parker Gross Energy MKWH	Percent of Units Available	KWH/AF
*	Mar 2019	630	10.2	447.86	577	6	82.11	111.3	44.3	93	70.4
H	Apr 2019	712	12.0	447.29	567	-11	79.40	115.0	49.5	96	69.5
I	May 2019	673	11.3	448.62	592	25	80.51	119.0	48.6	99	72.2
S	Jun 2019	717	12.0	448.47	589	-3	80.43	120.0	50.3	100	70.2
T	Jul 2019	739	12.0	448.12	582	-7	80.11	120.0	51.4	100	69.5
O	Aug 2019	636	10.3	447.22	565	-17	77.13	120.0	44.3	100	69.7
R	Sep 2019	514	8.6	449.03	600	34	83.07	120.0	35.9	100	69.8
	WY 2019	**6211**							**433.7**		
I	Oct 2019	430	7.0	447.77	576	-24	83.21	90.0	30.2	75	70.1
C	Nov 2019	300	5.0	449.10	601	25	84.29	92.0	20.2	77	67.2
A	Dec 2019	159	2.6	448.16	583	-18	81.68	100.6	9.4	84	59.3
L	Jan 2020	311	5.1	446.50	552	-31	80.47	97.7	22.0	81	70.7
*	Feb 2020	400	6.9	448.15	583	31	82.44	97.2	28.0	81	70.0
	Mar 2020	611	9.9	447.50	571	-12	75.20	120.0	40.0	100	65.5
	Apr 2020	709	11.9	448.00	580	9	75.13	120.0	46.7	100	65.9
	May 2020	697	11.3	448.70	593	13	75.71	120.0	46.1	100	66.2
	Jun 2020	713	12.0	448.70	593	0	76.05	120.0	47.4	100	66.6
	Jul 2020	705	11.5	448.00	580	-13	75.71	120.0	46.7	100	66.2
	Aug 2020	626	10.2	447.50	571	-9	75.13	120.0	41.1	100	65.5
	Sep 2020	530	8.9	447.50	570	0	74.89	120.0	34.5	100	65.1
	WY 2020	**6191**							**412.3**		
	Oct 2020	459	7.5	447.50	571	0	76.29	90.0	30.2	75	65.9
	Nov 2020	379	6.4	447.50	571	0	76.19	92.0	24.7	77	65.2
	Dec 2020	248	4.0	446.50	552	-19	74.86	109.4	15.5	91	62.2
	Jan 2021	255	4.1	446.50	552	0	75.07	94.8	16.0	79	62.6
	Feb 2021	392	7.1	446.50	552	0	75.21	92.1	25.5	77	64.9
	Mar 2021	637	10.4	446.70	555	4	74.01	120.0	41.2	100	64.7
	Apr 2021	706	11.9	448.70	593	38	75.08	120.0	46.5	100	65.8
	May 2021	705	11.5	448.70	593	0	76.05	120.0	46.9	100	66.5
	Jun 2021	718	12.1	448.70	593	0	76.05	120.0	47.8	100	66.6
	Jul 2021	693	11.3	448.00	580	-13	75.71	120.0	45.9	100	66.2
	Aug 2021	623	10.1	447.50	571	-9	75.13	120.0	40.9	100	65.5
	Sep 2021	530	8.9	447.50	570	0	74.89	120.0	34.5	100	65.1
	WY 2021	**6346**							**415.5**		
	Oct 2021	470	7.6	447.50	571	0	76.14	92.9	30.9	77	65.8
	Nov 2021	355	6.0	447.50	571	0	76.19	92.0	23.1	77	65.0
	Dec 2021	236	3.8	446.50	552	-19	74.82	110.3	14.6	92	61.9
	Jan 2022	255	4.1	446.50	552	0	75.12	93.9	16.0	78	62.6
	Feb 2022	393	7.1	446.50	552	0	75.15	93.2	25.5	78	64.9

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

March 2020 24-Month Study

Most Probable Inflow*

Upper Basin Power

— BUREAU OF —
RECLAMATION

	Date	Glen Canyon 1000 MWHR	Flaming Gorge 1000 MWHR	Blue Mesa 1000 MWHR	Morrow Point 1000 MWHR	Crystal Reservoir 1000 MWHR	Fontenelle Reservoir 1000 MWHR
*	Mar 2019	325	22	6	9	4	3
	Winter 2019	**1790**	**233**	**36**	**51**	**19**	**24**
H	Apr 2019	294	27	9	14	10	4
I	May 2019	299	38	23	45	21	6
S	Jun 2019	332	82	33	64	22	8
T	Jul 2019	391	39	28	54	23	7
O	Aug 2019	412	42	24	49	22	7
R	Sep 2019	312	44	15	22	18	2
	Summer 2019	**2041**	**273**	**131**	**248**	**115**	**34**
I	Oct 2019	281	31	26	27	18	5
C	Nov 2019	280	31	22	25	14	5
A	Dec 2019	336	51	26	30	17	5
L	Jan 2020	338	51	18	22	11	5
*	Feb 2020	296	47	12	14	4	4
	Mar 2020	293	44	10	13	7	5
	Winter 2020	**1825**	**256**	**114**	**130**	**71**	**29**
	Apr 2020	263	42	17	23	13	5
	May 2020	265	19	53	72	23	6
	Jun 2020	280	83	13	21	15	8
	Jul 2020	327	32	23	29	15	10
	Aug 2020	363	36	20	29	15	7
	Sep 2020	259	38	22	27	14	2
	Summer 2020	**1756**	**250**	**149**	**202**	**95**	**39**
	Oct 2020	276	29	19	24	12	6
	Nov 2020	275	28	5	7	4	6
	Dec 2020	308	39	13	16	8	6
	Jan 2021	365	39	13	16	8	5
	Feb 2021	316	35	13	16	8	4
	Mar 2021	335	31	0	18	9	5
	Winter 2021	**1875**	**202**	**63**	**97**	**51**	**31**
	Apr 2021	298	30	0	24	14	5
	May 2021	302	23	2	23	17	7
	Jun 2021	327	86	52	66	22	9
	Jul 2021	376	32	31	37	20	10
	Aug 2021	397	32	34	40	20	8
	Sep 2021	295	33	28	33	9	2
	Summer 2021	**1302**	**171**	**85**	**150**	**73**	**30**
	Oct 2021	281	28	26	31	16	6
	Nov 2021	280	38	19	23	12	6
	Dec 2021	313	56	31	38	19	6
	Jan 2022	373	56	17	21	11	5
	Feb 2022	324	51	11	14	8	4

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OPERATION PLAN FOR COLORADO RIVER SYSTEM RESERVOIRS

March 2020 24-Month Study

Most Probable Inflow*

Flood Control Criteria - Beginning of Month Conditions

Date	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Lake Powell KAF	Upper Basin Total KAF	Lake Mead KAF	Total KAF	Flaming Gorge KAF	Blue Mesa KAF	Navajo KAF	Tot or Max Allow KAF	Lake Powell KAF	Lake Mead KAF	Total KAF	BOM Space Required KAF	Mead Sched Rel KAF	Mead FC Rel KAF	Sys Cont MAF
	****PREDICTED SPACE****							****EFFECTIVE SPACE****										
Mar 2020	721	292	401	12311	13725	15972	29697	340	163	277	779	12311	15972	29062	1500	852	0	30.7
Apr 2020	754	290	395	12549	13988	16074	30061	370	161	263	794	12549	16074	29417	1500	999	0	30.5
May 2020	755	291	374	12495	13916	16413	30328	366	161	218	745	12495	16413	29653	1500	1012	0	31.0
Jun 2020	615	331	298	11734	12979	16795	29774	213	190	103	505	11734	16795	29035	1500	964	0	32.3
Jul 2020	489	161	266	10504	11420	17141	28560	74	3	14	91	10504	17141	27735	1500	864	0	32.1
								****CREDITABLE SPACE****										
Aug 2020	432	152	314	10477	11376	17270	28645	432	152	314	898	10477	17270	28645	1500	813	0	31.7
Sep 2020	479	177	347	10822	11825	17259	29084	479	177	347	1003	10822	17259	29084	2270	744	0	31.2
Oct 2020	544	206	355	10989	12094	17404	29498	544	206	355	1105	10989	17404	29498	3040	558	0	30.9
Nov 2020	575	235	353	11133	12296	17319	29615	575	235	353	1163	11133	17319	29615	3810	671	0	30.7
Dec 2020	606	222	360	11325	12513	17339	29851	606	222	360	1188	11325	17339	29851	4580	512	0	30.7
Jan 2021	680	239	362	11600	12881	17128	30008	680	239	362	1281	11600	17128	30008	5350	519	0	30.6
								****EFFECTIVE SPACE****										
Jan 2021	680	239	362	11600	12881	17128	30008	410	239	142	791	11600	17128	29519	5350	519	0	30.6
Feb 2021	748	257	366	11991	13361	16758	30119	477	257	145	879	11991	16758	29628	1500	518	0	30.5
Mar 2021	802	277	360	12270	13709	16483	30192	530	277	139	946	12270	16483	29698	1500	968	0	30.3
Apr 2021	791	286	321	12459	13856	16601	30457	513	286	93	892	12459	16601	29951	1500	1031	0	30.3
May 2021	747	266	247	12316	13576	16897	30472	463	266	-6	723	12316	16897	29935	1500	994	0	31.5
Jun 2021	578	97	246	11193	12115	17189	29304	281	97	-47	332	11193	17189	28714	1500	948	0	33.0
Jul 2021	435	25	381	9576	10418	17428	27847	124	19	31	174	9576	17428	27179	1500	828	0	33.1
								****CREDITABLE SPACE****										
Aug 2021	331	4	412	9507	10255	17432	27686	331	4	412	748	9507	17432	27686	1500	786	0	32.8
Sep 2021	344	41	433	9862	10680	17337	28017	344	41	433	818	9862	17337	28017	2270	714	0	32.3
Oct 2021	391	84	438	10062	10975	17389	28365	391	84	438	913	10062	17389	28365	3040	522	0	32.1
Nov 2021	415	126	433	10162	11137	17274	28411	415	126	433	975	10162	17274	28411	3810	640	0	32.0
Dec 2021	471	157	437	10277	11342	17267	28609	471	157	437	1065	10277	17267	28609	4580	477	0	31.9
Jan 2022	589	235	448	10447	11718	17027	28746	589	235	448	1272	10447	17027	28746	5350	519	0	31.9
								****EFFECTIVE SPACE****										
Jan 2022	589	235	448	10447	11718	17027	28746	319	214	236	769	10447	17027	28242	5350	519	0	31.9
Feb 2022	702	267	461	10774	12203	16659	28861	433	246	248	927	10774	16659	28359	1500	518	0	31.8

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